# Tween Bridge Solar Farm

## 7.7 Outline Construction Traffic Management Plan Part 2

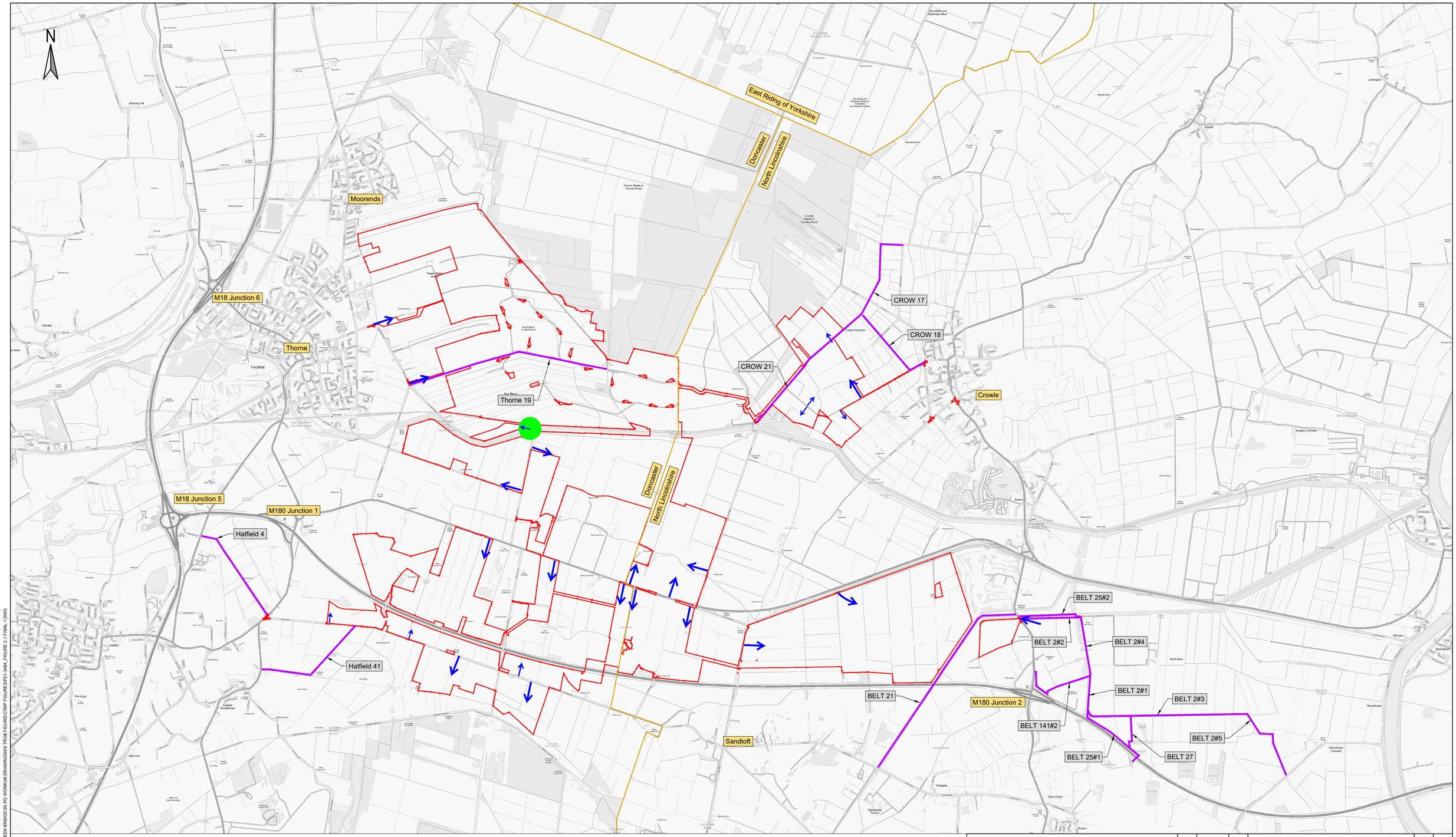
**Planning Act 2008**
**Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009**

**APFP Regulation 5(2)(q)**

**Document Reference: 7.7**

~~August~~ September 2026

**Revision ~~4~~5**




Key:

- Order Limits
- Weak Bridge (7.5 tonne)
- Public Right of Way
- Approximate Access Locations
- Local Authority Boundaries


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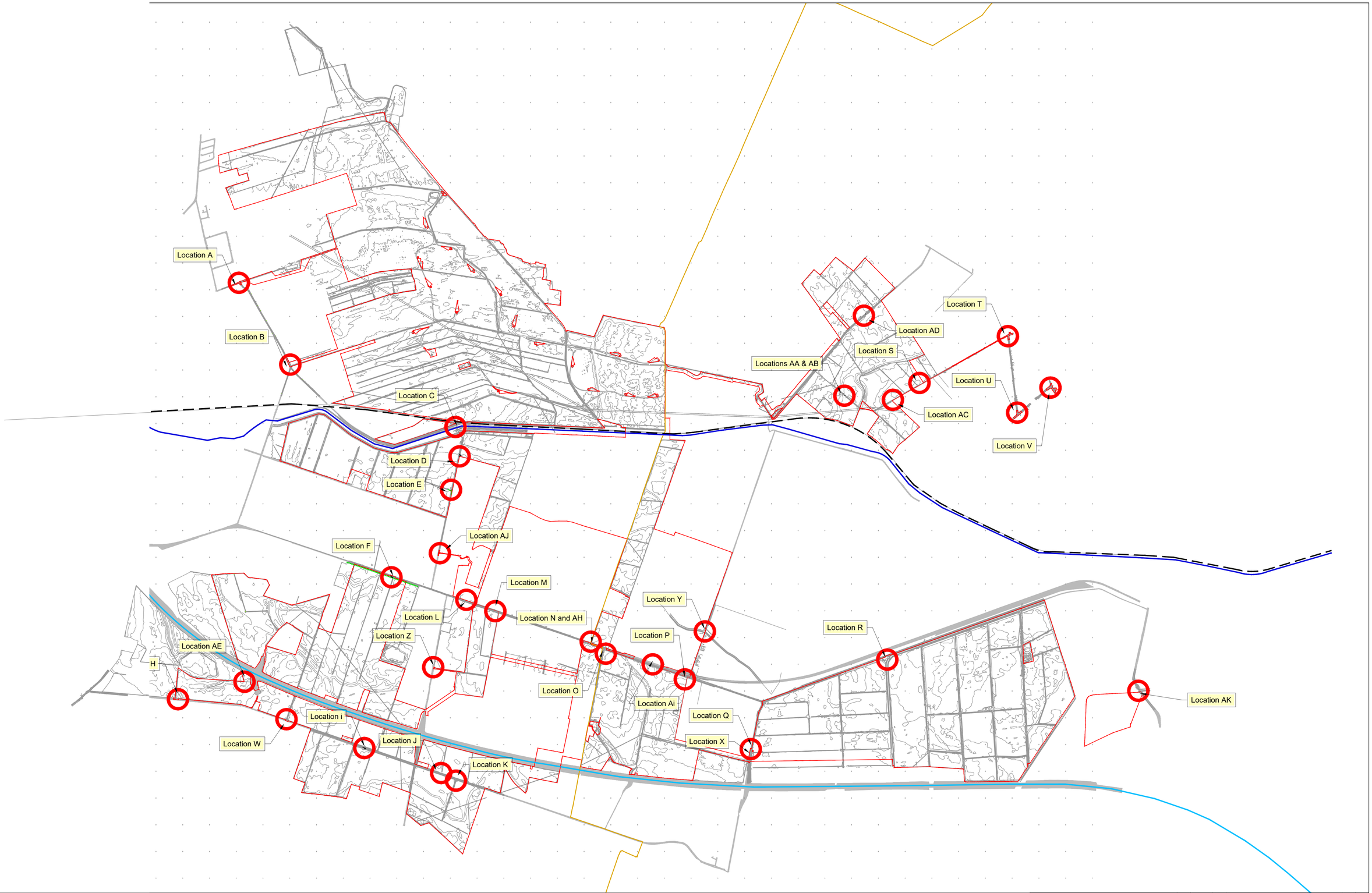
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| P21-3484 | FIGURE 2.1 | 1 |


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# Figure 3.1 Proposed Access Arrangements Master




Key:

- Order Limits
- Approximate Extent of Adopted Highway
- Stainforth and Keadby Canal
- Railway Track
- Local Authority Boundary
- Motorway

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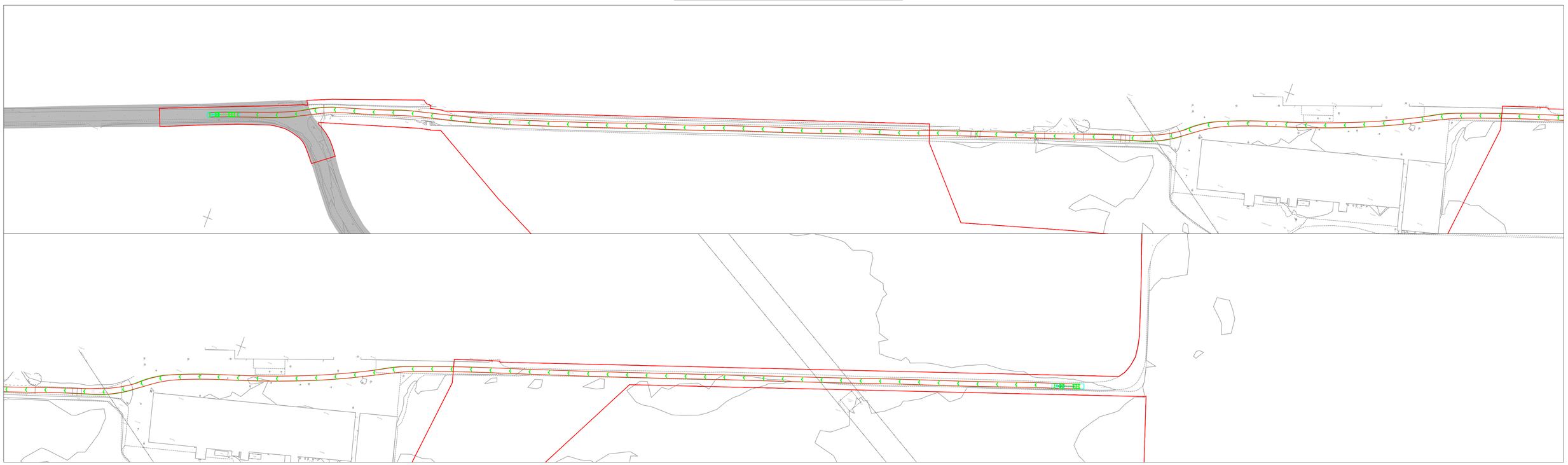
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| PROJECT: TWEEN BRIDGE SOLAR FARM | DATE: 09/07/2025 | DESIGN-DRAWN: JAN | [redacted]STATUS: FINAL |
| TITLE: PROPOSED ACCESS ARRANGEMENTS - MASTER | PROJECT No: P21-3484 | DRAWING No: FIGURE 3.1 | REV: 1 |

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# Figure 3.2 Proposed Access Arrangements – Access A

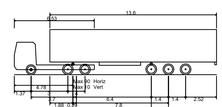



Swept Path Analysis of a 16.5m Articulated Vehicle Entering Access A



Swept Path Analysis of a 16.5m Articulated Vehicle Egressing Location A

1:1000
0 25m




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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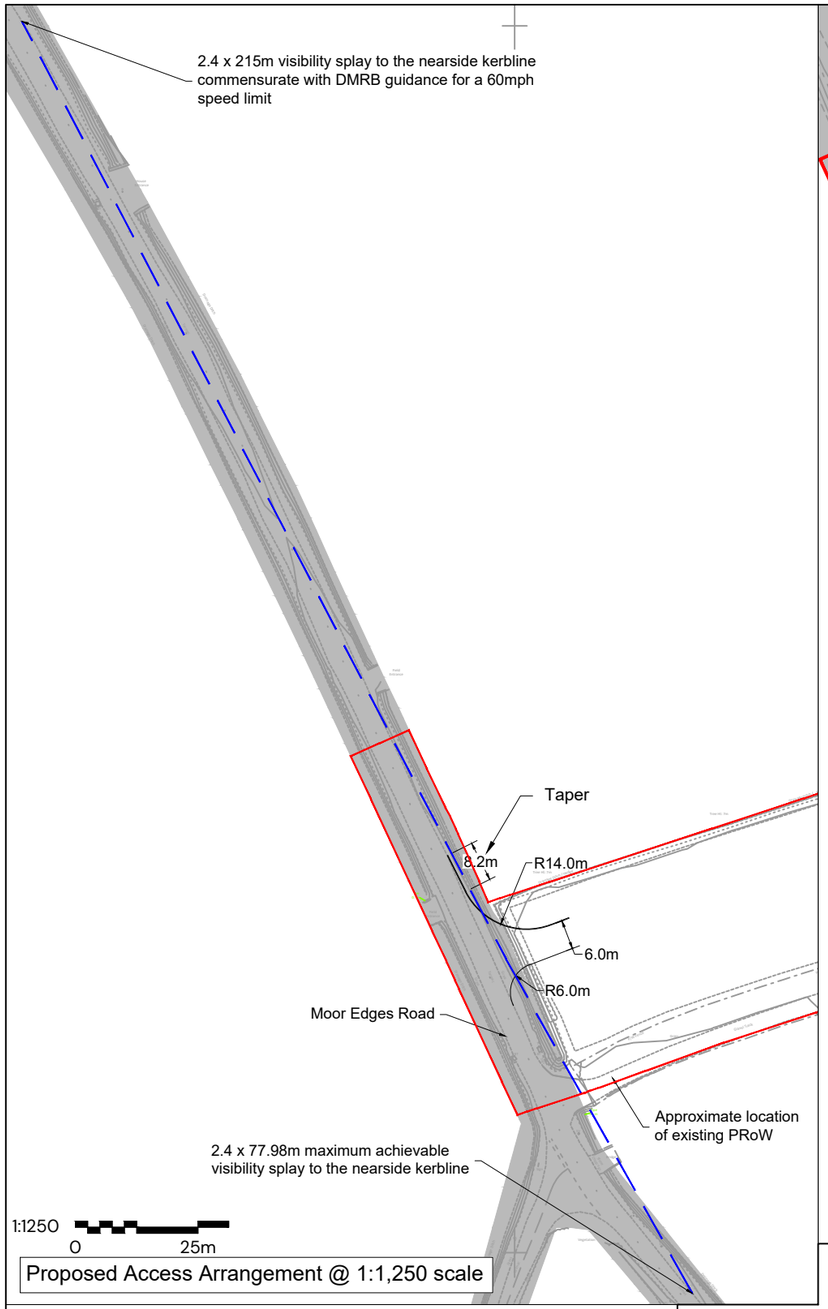
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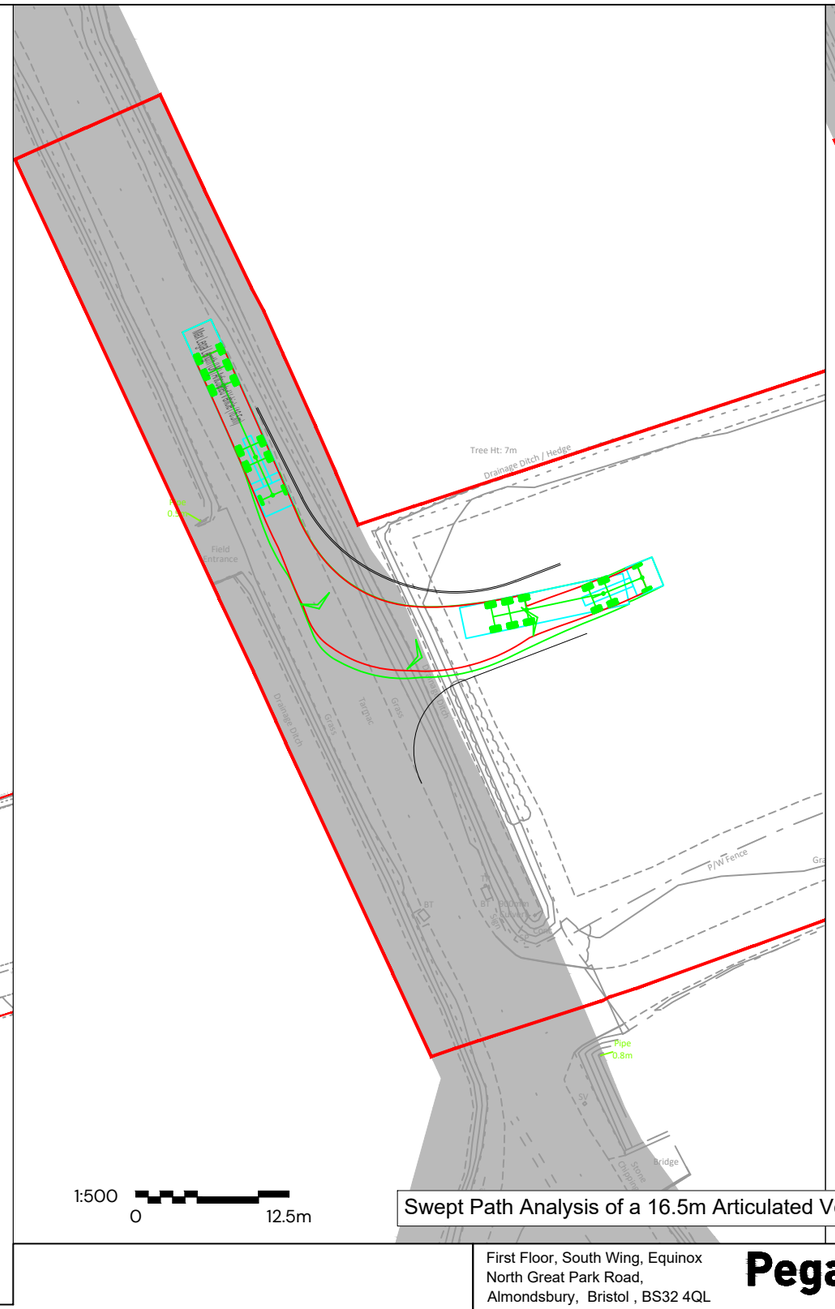
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| PROJECT: TWEEN BRIDGE SOLAR FARM | DATE: 09/07/2025 | DESIGN-DRAWN: JAN | DRAWING-STATUS: FINAL |
| TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION A | PROJECT No: P21-3484 | DRAWING No: FIGURE 3.2 | REV: 1 |

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# Figure 3.3 Proposed Access Arrangements – Access B



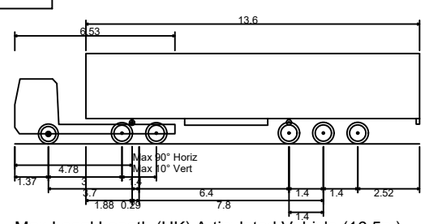

Proposed Access Arrangement @ 1:1,250 scale




Swept Path Analysis of a 16.5m Articulated Vehicle Entering and Egressing Location B @ 1:500 scale




N




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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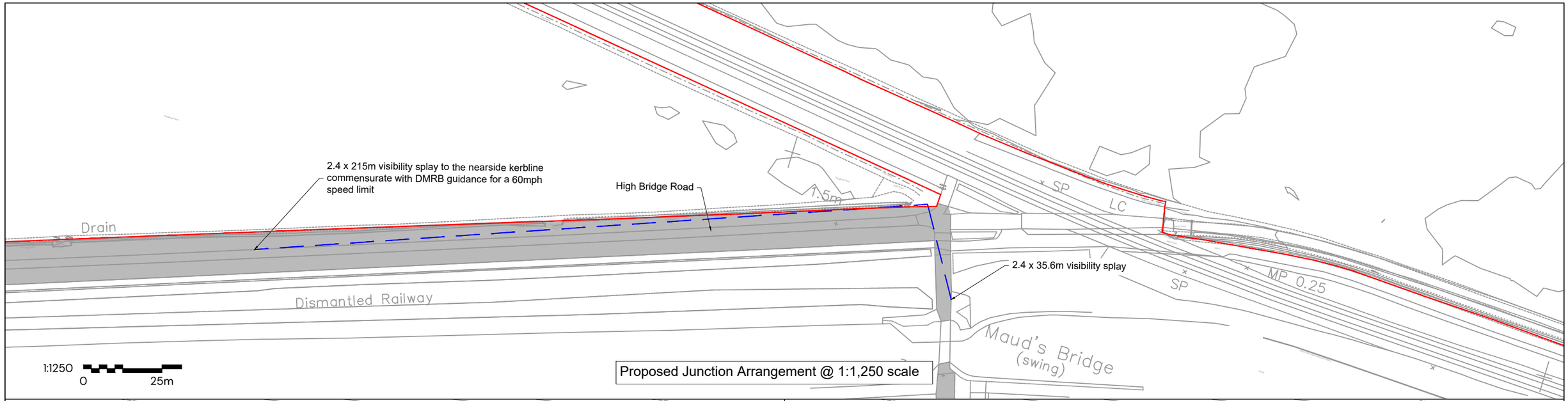
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| P21-3484 | FIGURE 3.3 | 1 |

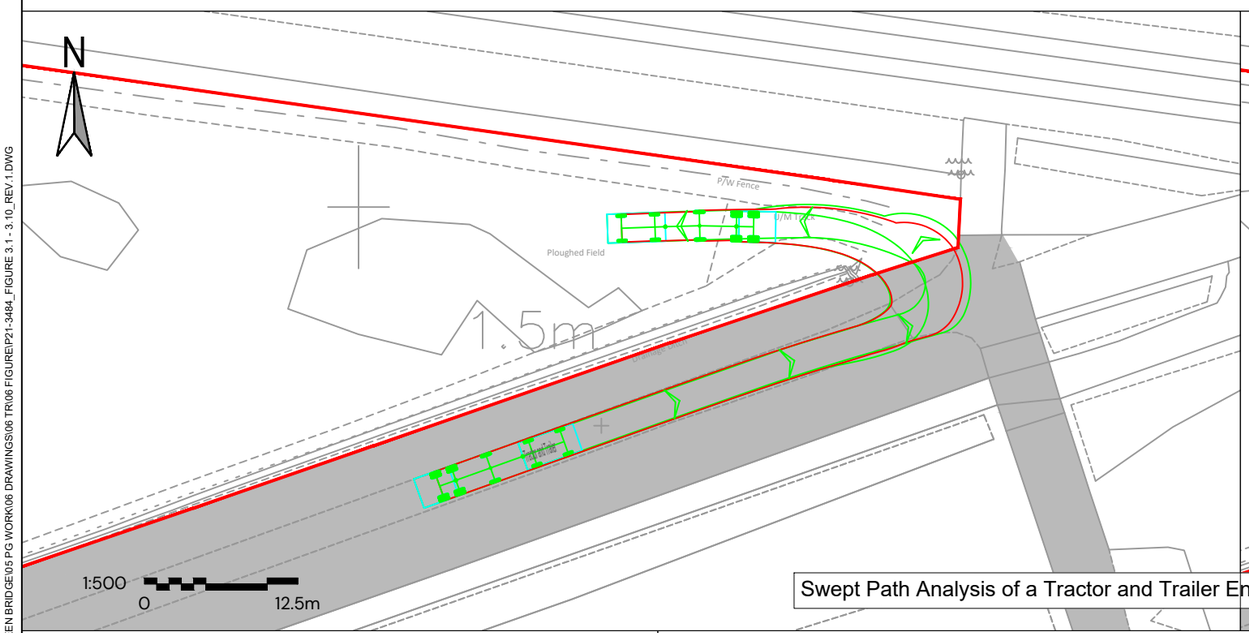
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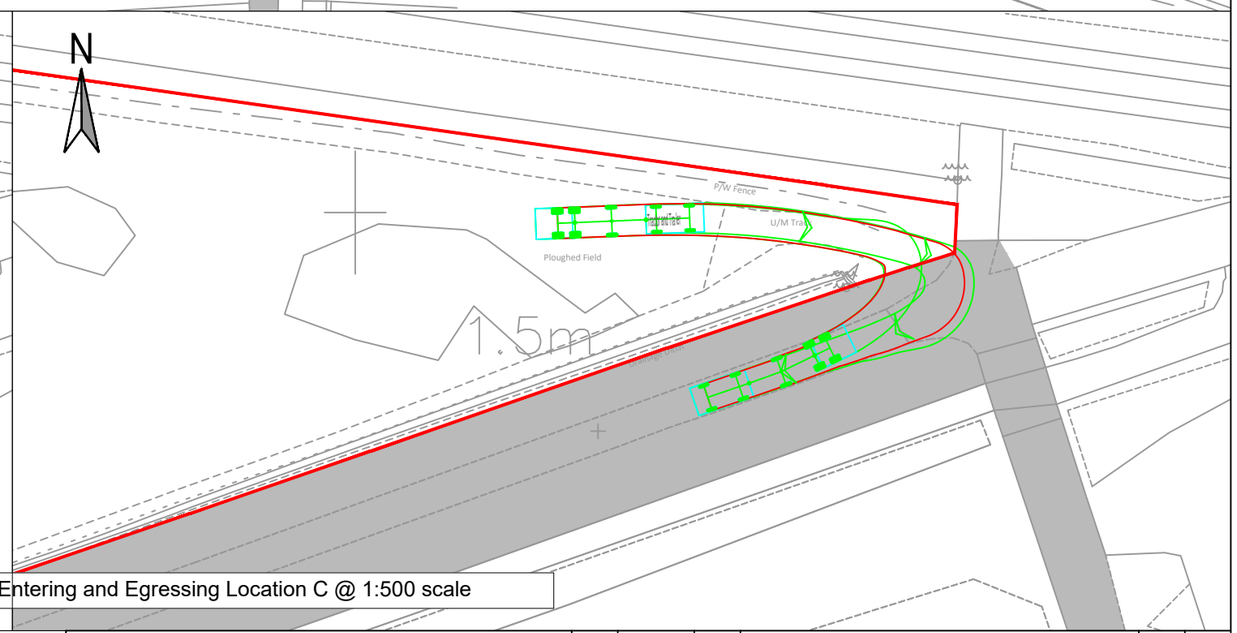
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# Figure 3.4 Proposed Access Arrangements – Access C

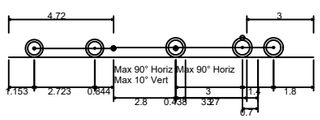



Proposed Junction Arrangement @ 1:1,250 scale




Swept Path Analysis of a Tractor and Trailer Entering and Egressing Location C @ 1:500 scale




| Tractor and Trailer | |
|---|---|
| Overall Length | 13.720m |
| Overall Width | 2.500m |
| Overall Body Height | 0.438m |
| Min Body Ground Clearance | 0.398m |
| Max Track Width | 2.500m |
| Lock to lock time | 4.00s |
| Kerb to Kerb Turning Radius | 4.620m |


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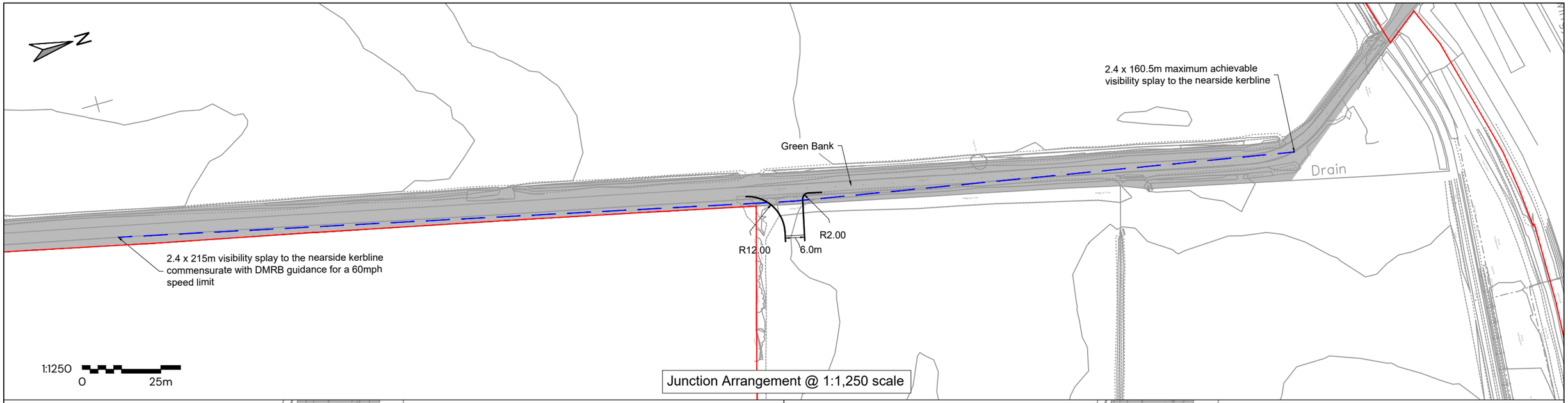

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| TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION C | PROJECT No: P21-3484 | DRAWING No: FIGURE 3.4 | REV: 1 |

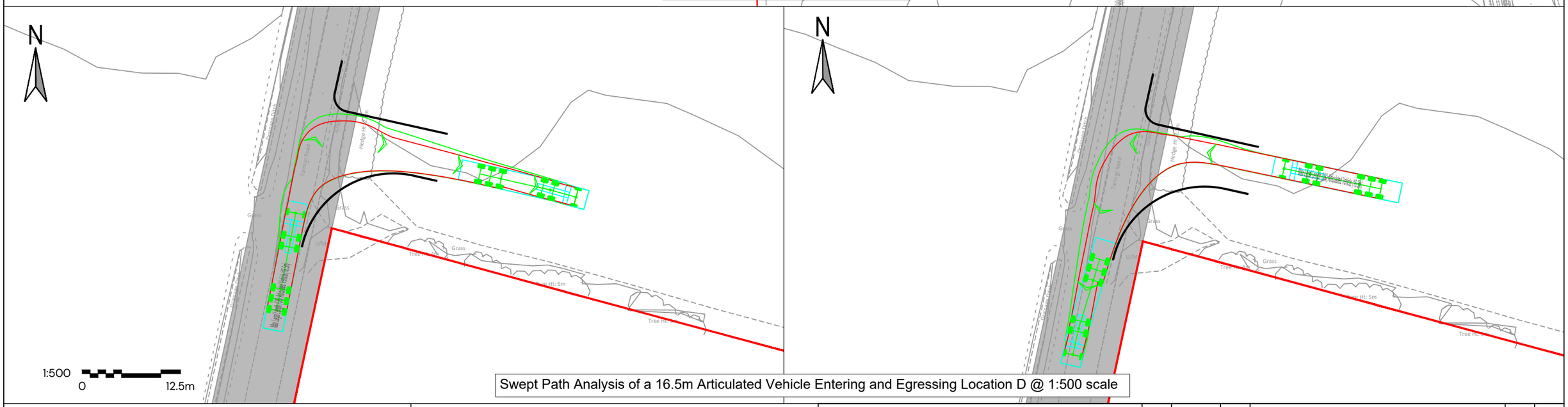

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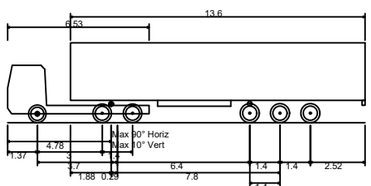
# Figure 3.5 Proposed Access Arrangements – Access D




Junction Arrangement @ 1:1,250 scale




Swept Path Analysis of a 16.5m Articulated Vehicle Entering and Egressing Location D @ 1:500 scale




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |


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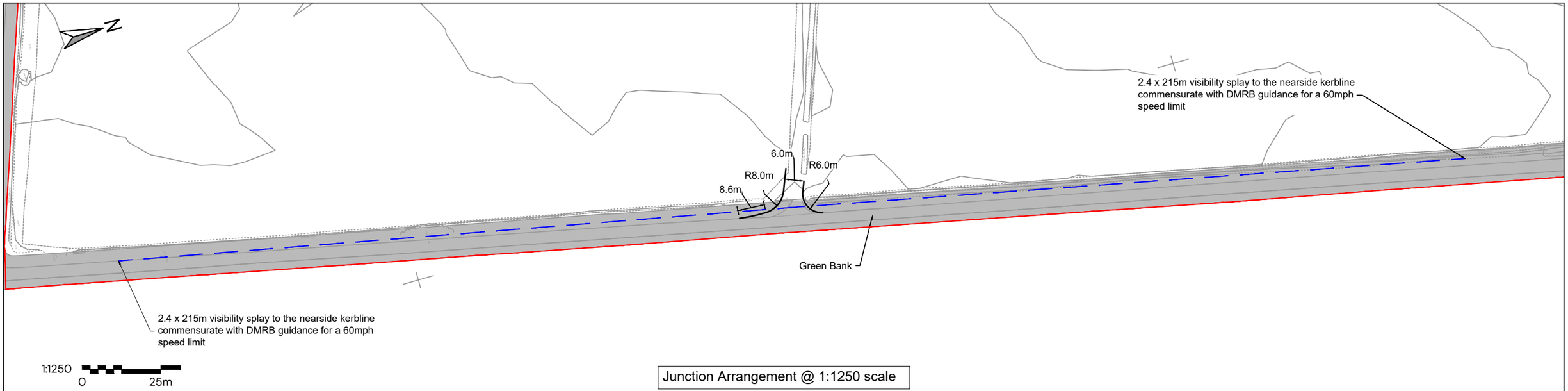
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| P21-3484 | FIGURE 3.5 | 1 |

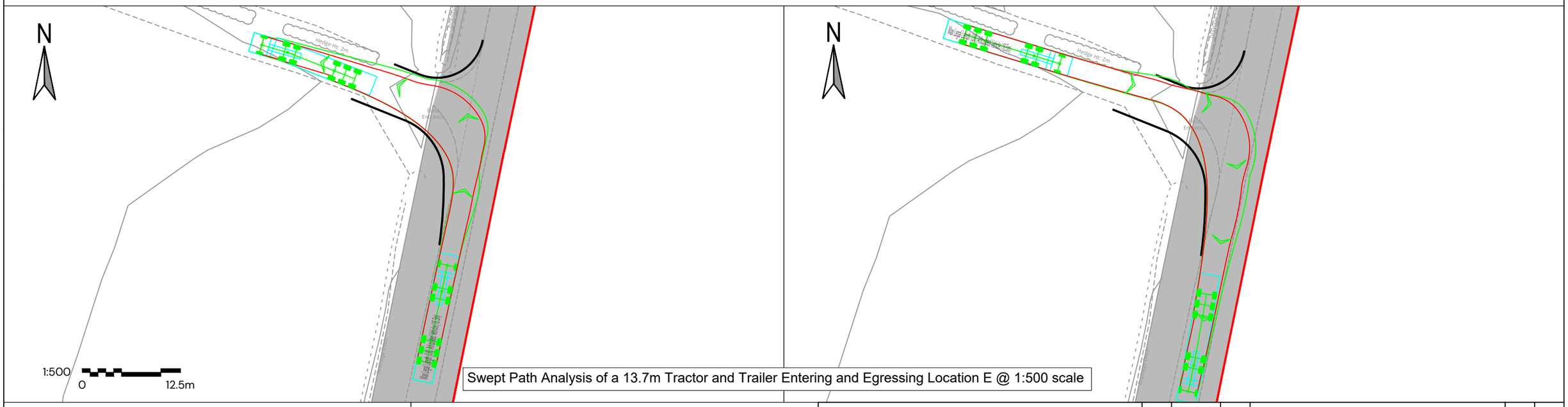

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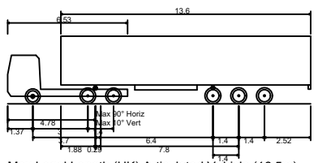
# Figure 3.6 Proposed Access Arrangements – Access E




Junction Arrangement @ 1:1250 scale




Swept Path Analysis of a 13.7m Tractor and Trailer Entering and Egressing Location E @ 1:500 scale




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |


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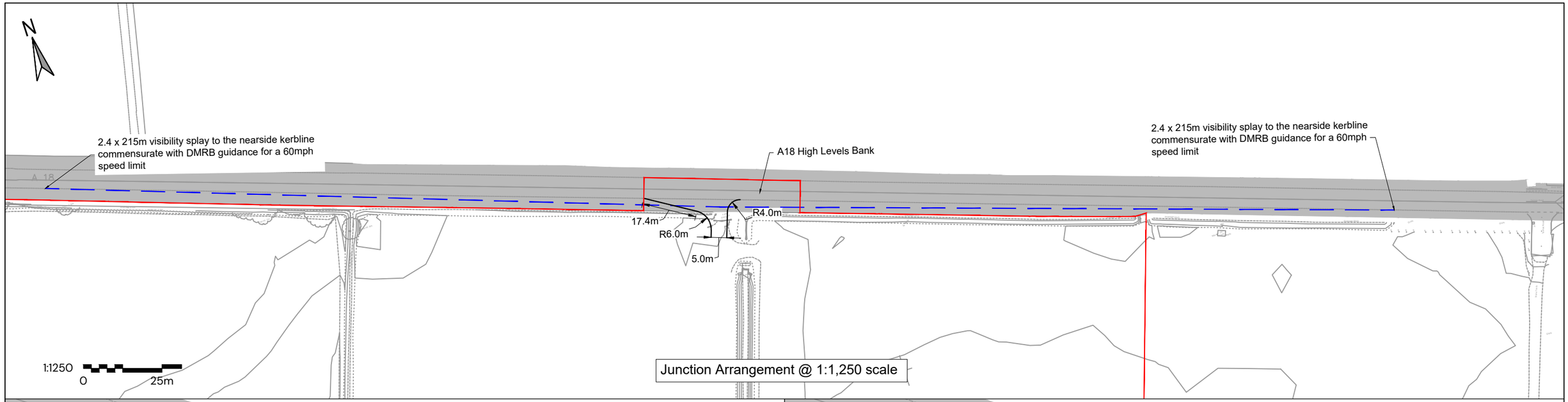
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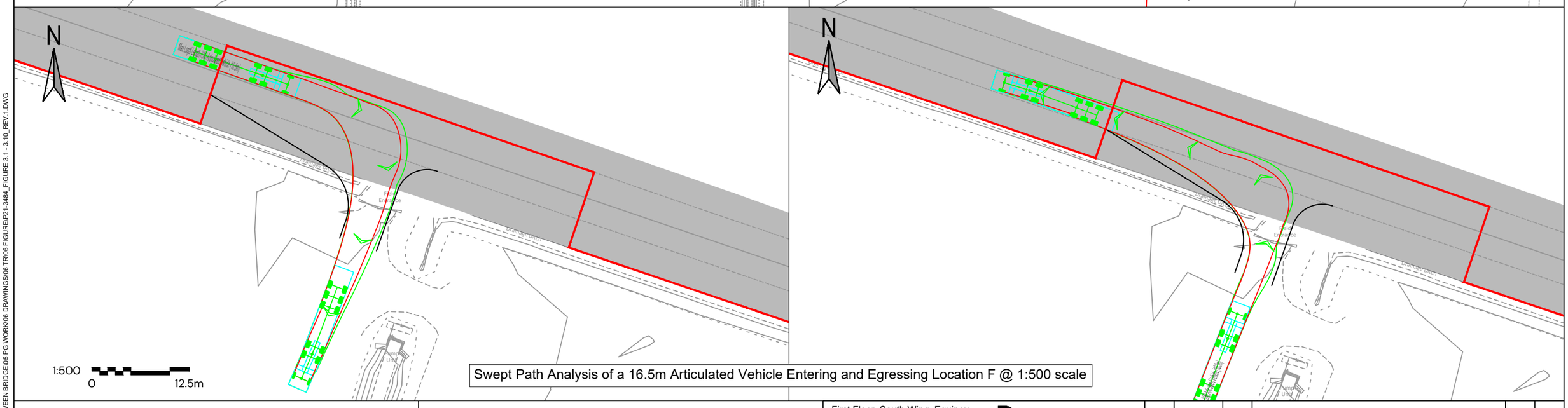

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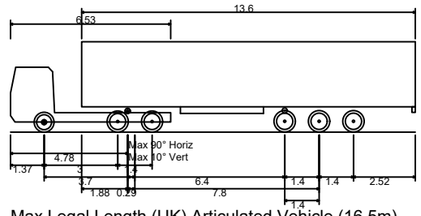
# Figure 3.7 Proposed Access Arrangements – Access F




Junction Arrangement @ 1:1,250 scale




Swept Path Analysis of a 16.5m Articulated Vehicle Entering and Egressing Location F @ 1:500 scale




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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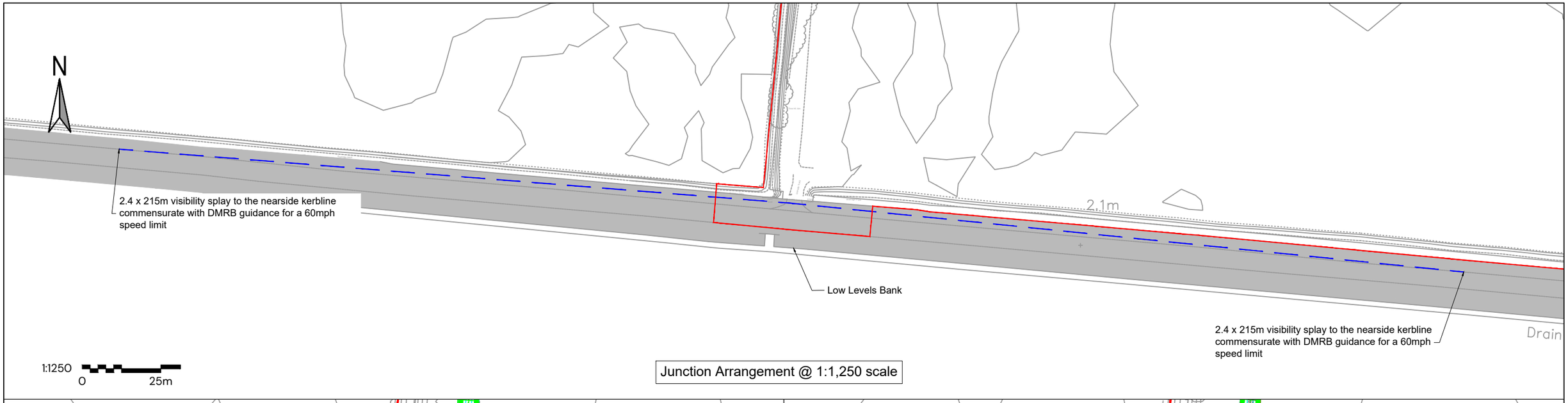
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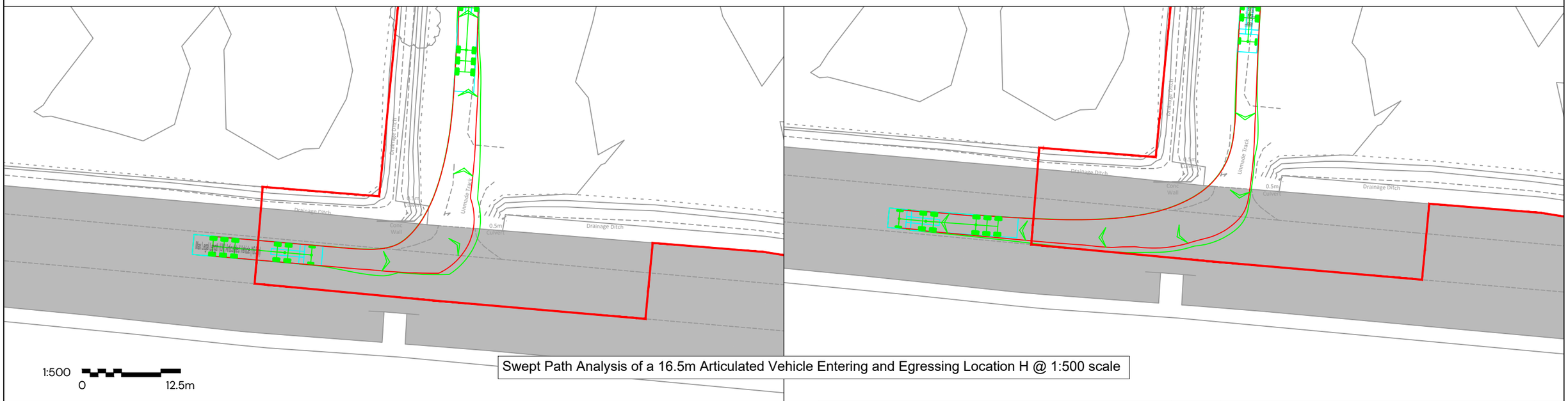
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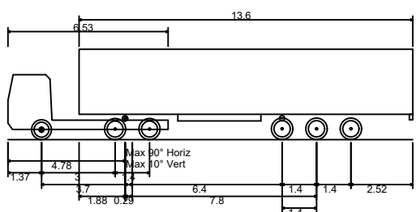
# Figure 3.9 Proposed Access Arrangements – Access H




Junction Arrangement @ 1:1,250 scale




Swept Path Analysis of a 16.5m Articulated Vehicle Entering and Egressing Location H @ 1:500 scale




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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PROJECT: TWEEN BRIDGE SOLAR FARM

TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION H

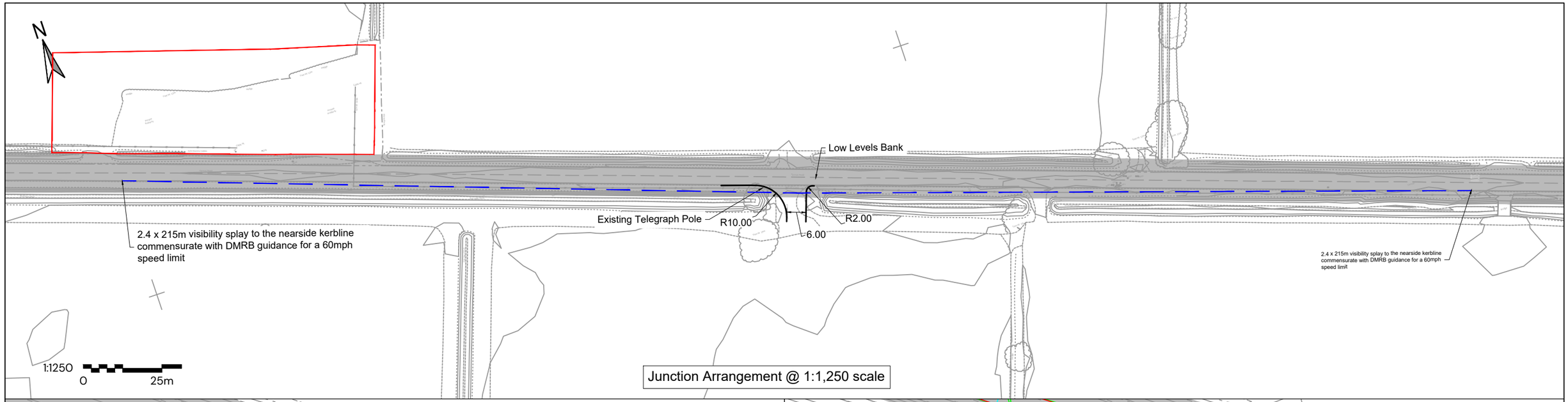
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|---|---|---|
| P21-3484 | FIGURE 3.9 | 1 |

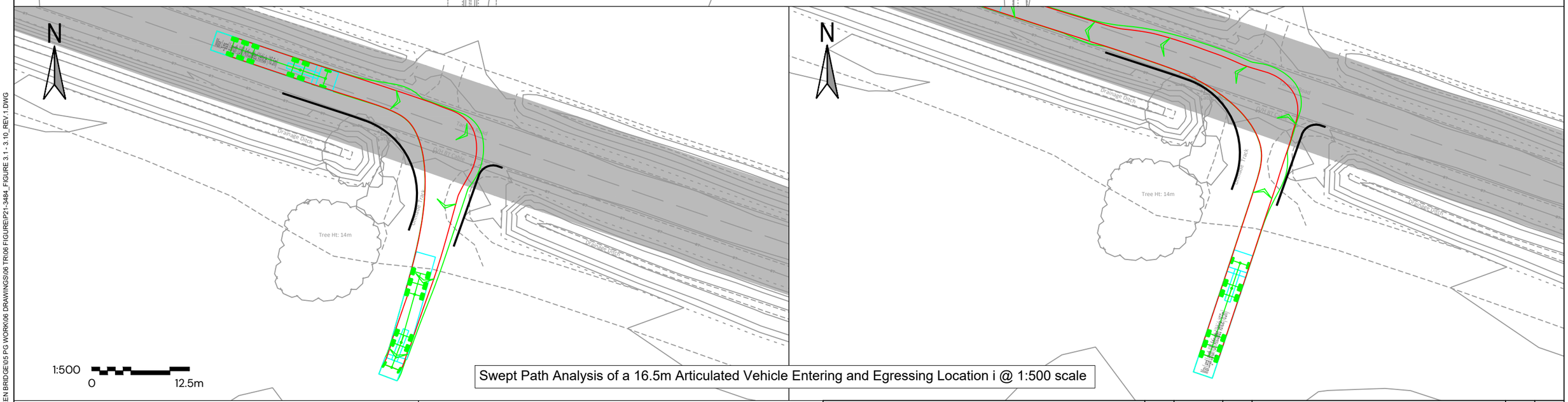
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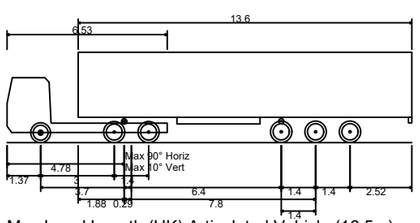
# Figure 3.10 Proposed Access Arrangements – Access i




Junction Arrangement @ 1:1,250 scale




Swept Path Analysis of a 16.5m Articulated Vehicle Entering and Egressing Location i @ 1:500 scale




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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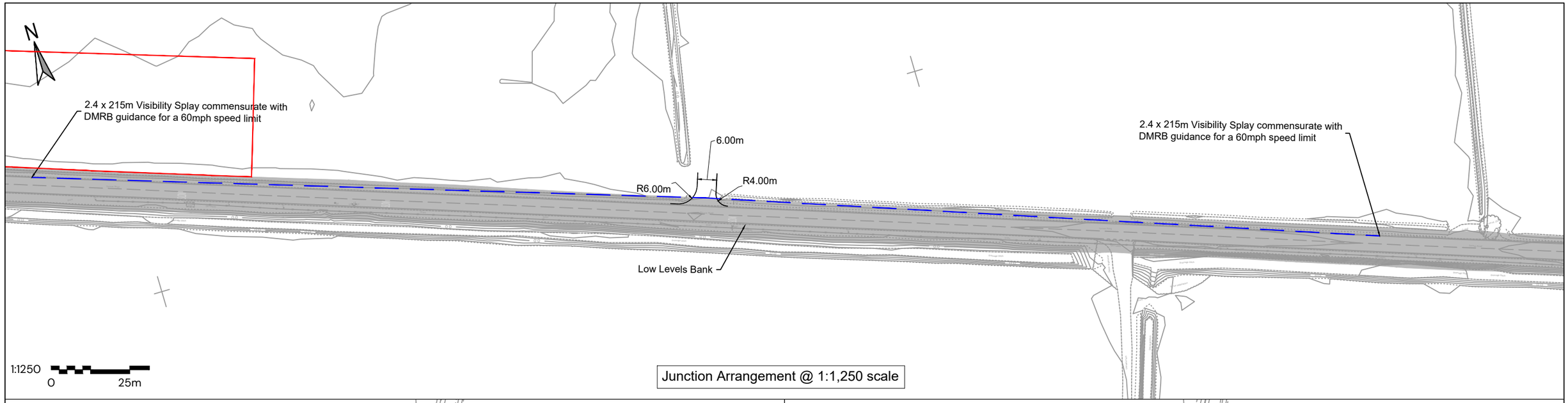
TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION i

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| P21-3484 | FIGURE 3.10 | 1 |

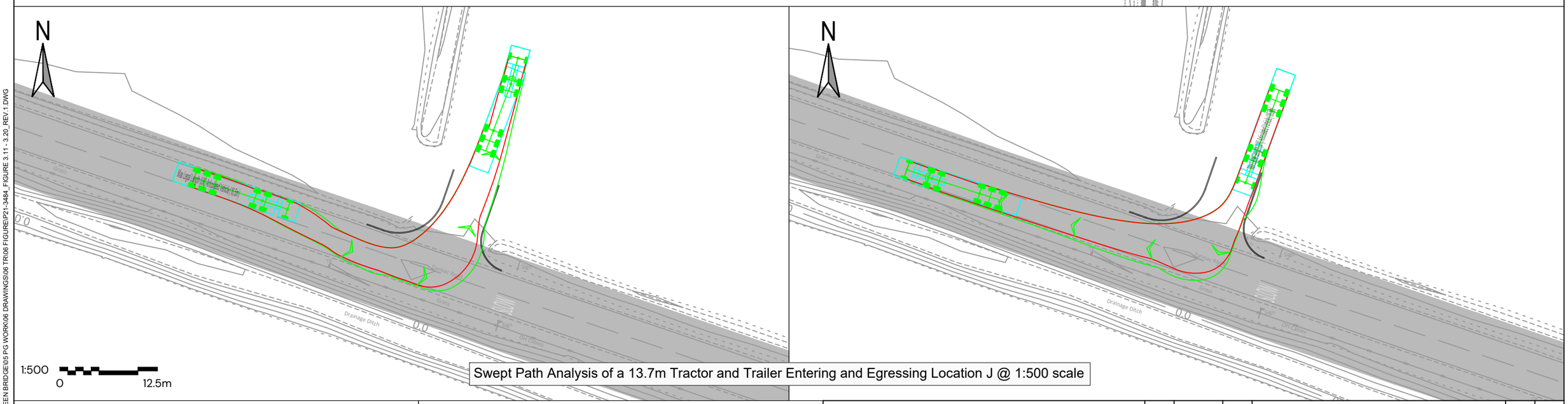
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# Figure 3.11 Proposed Access Arrangements – Access J



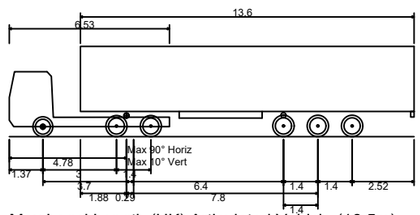

Junction Arrangement @ 1:1,250 scale




Swept Path Analysis of a 13.7m Tractor and Trailer Entering and Egressing Location J @ 1:500 scale

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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PROJECT: TWEEN BRIDGE SOLAR FARM

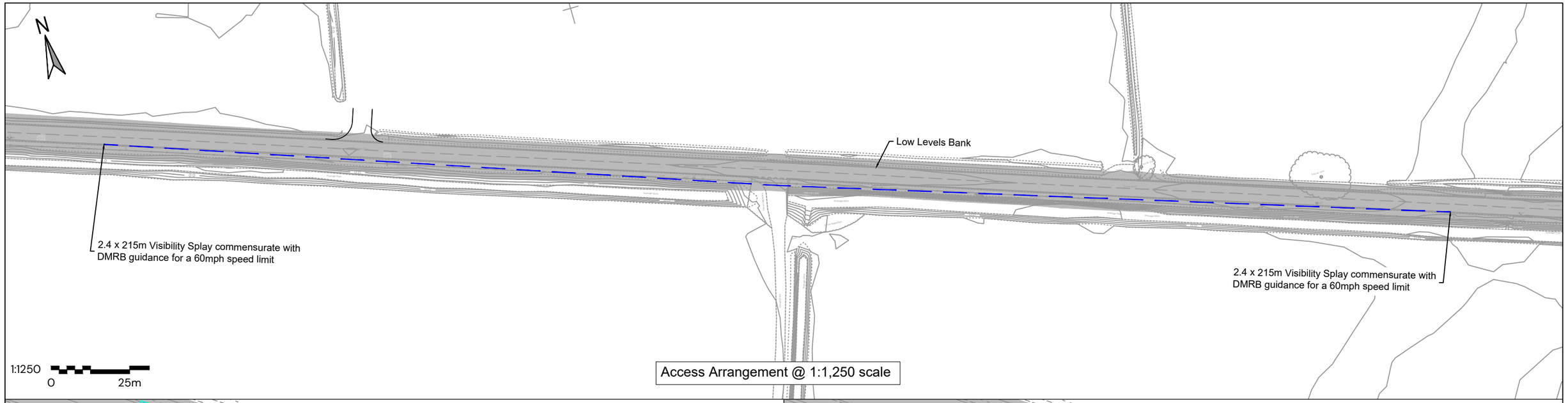
TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION J

| SCALE @ A3: | CHECKED: | APPROVED: |
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| P21-3484 | FIGURE 3.11 | 1 |

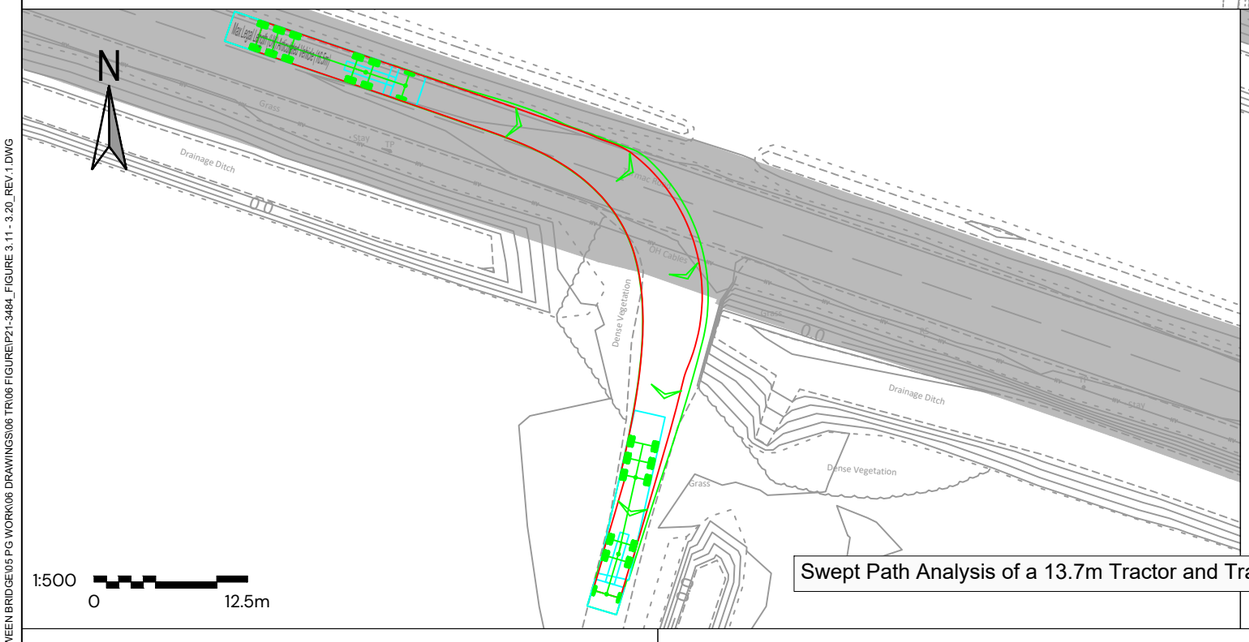
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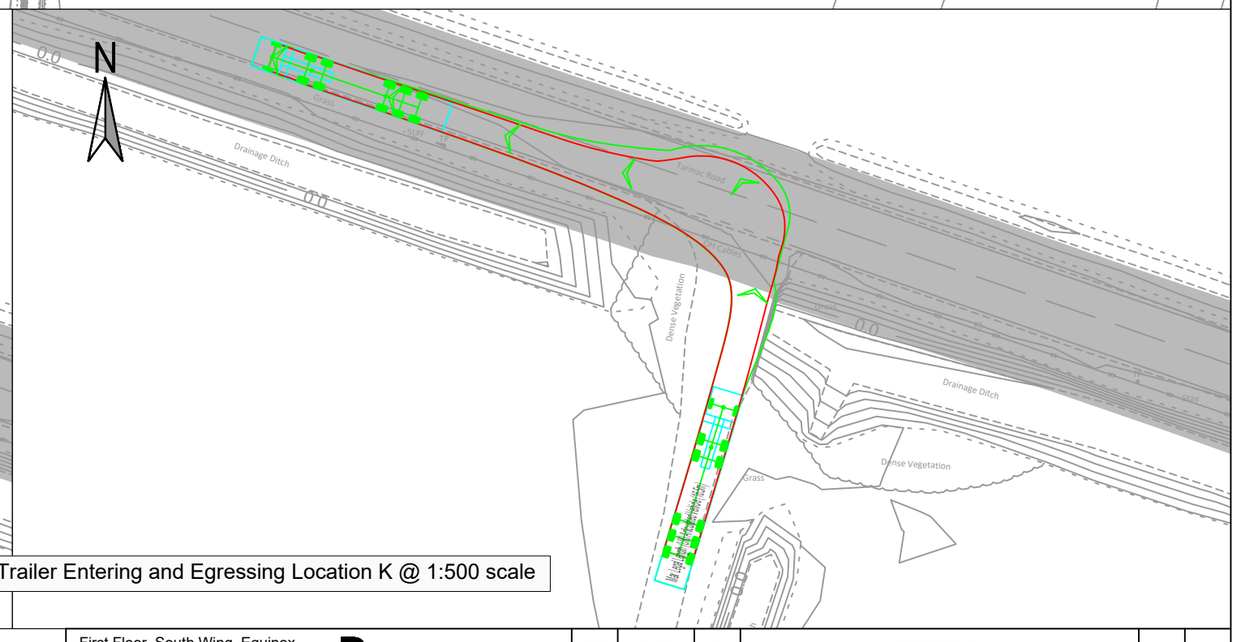
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# Figure 3.12 Proposed Access Arrangements – Access K




Access Arrangement @ 1:1,250 scale



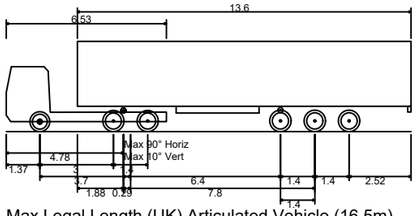




Swept Path Analysis of a 13.7m Tractor and Trailer Entering and Egressing Location K @ 1:500 scale

Key:

Visibility Splay

Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |


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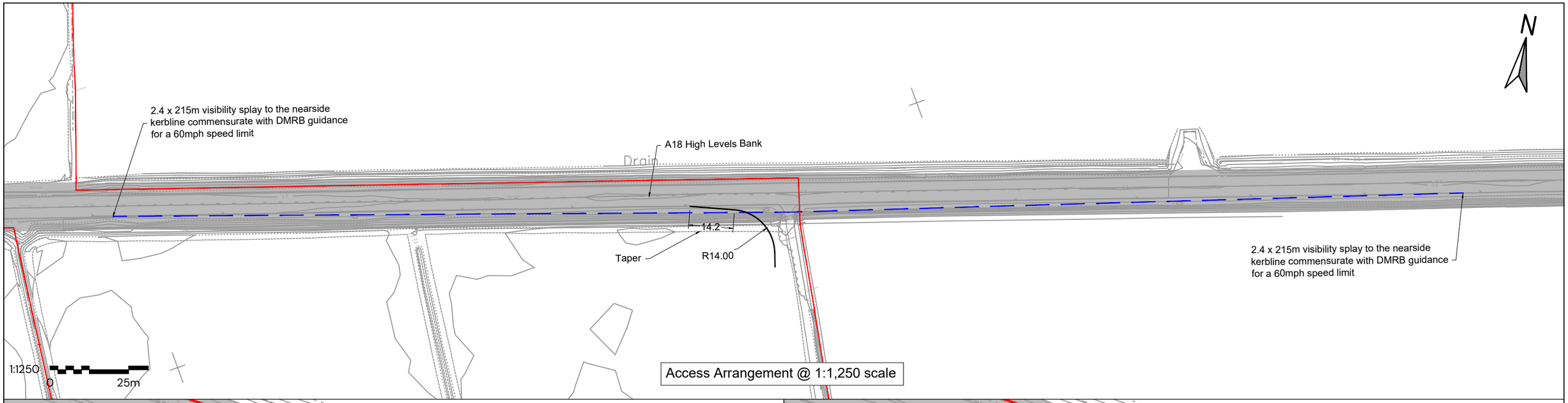
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| SCALE @ A3: | CHECKED: | APPROVED: |
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| P21-3484 | FIGURE 3.12 | 1 |

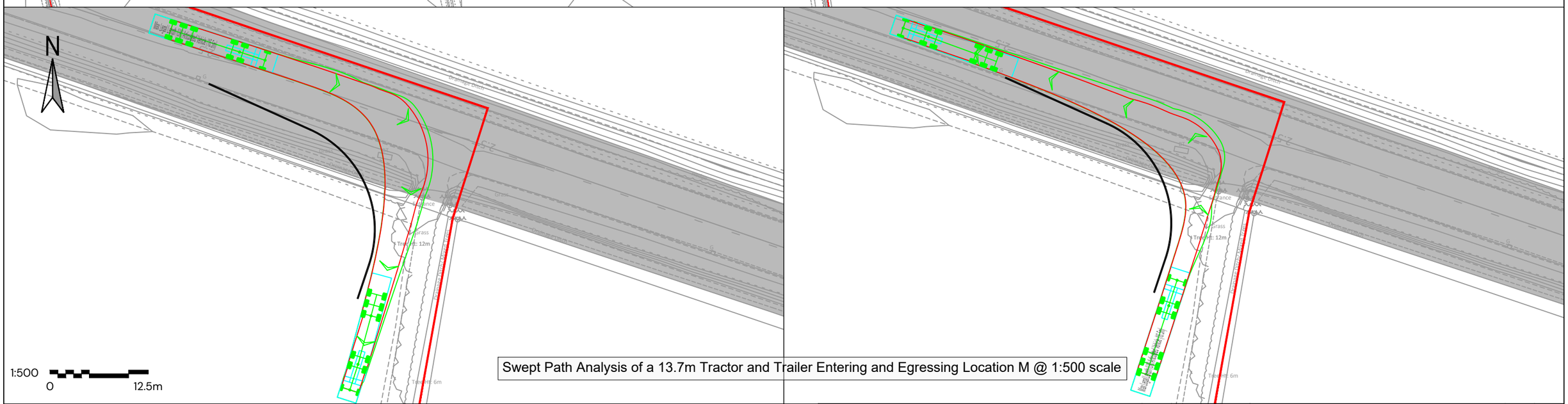

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# Figure 3.14 Proposed Access Arrangements – Access M



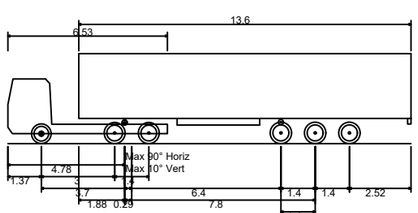

Access Arrangement @ 1:1,250 scale




Swept Path Analysis of a 13.7m Tractor and Trailer Entering and Egressing Location M @ 1:500 scale

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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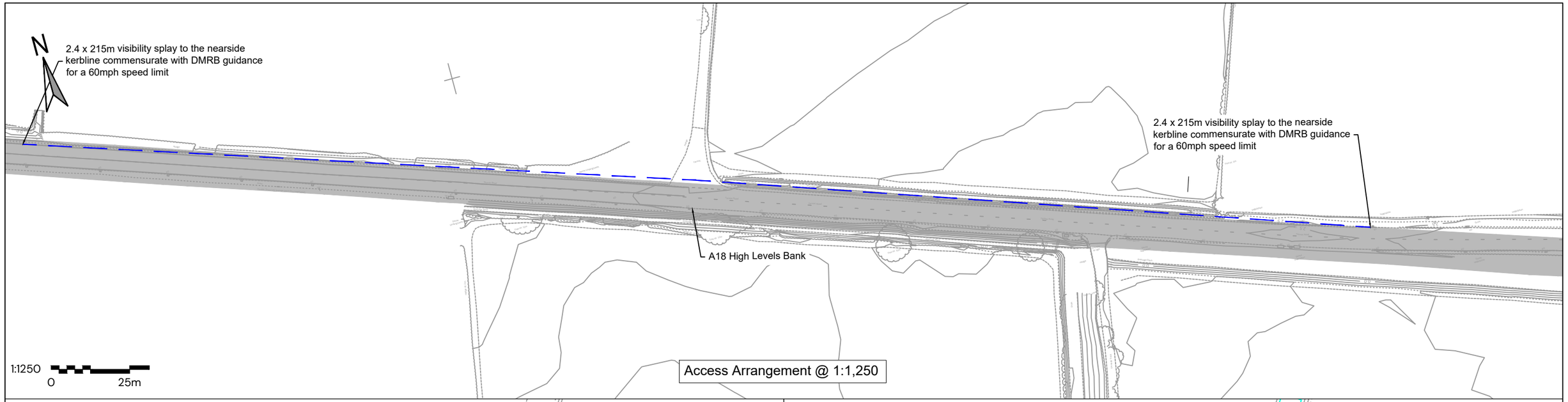
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| SCALE @ A3: | CHECKED: | APPROVED: |
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| PROJECT No: | DRAWING No: | REV: |
| P21-3484 | FIGURE 3.14 | 1 |

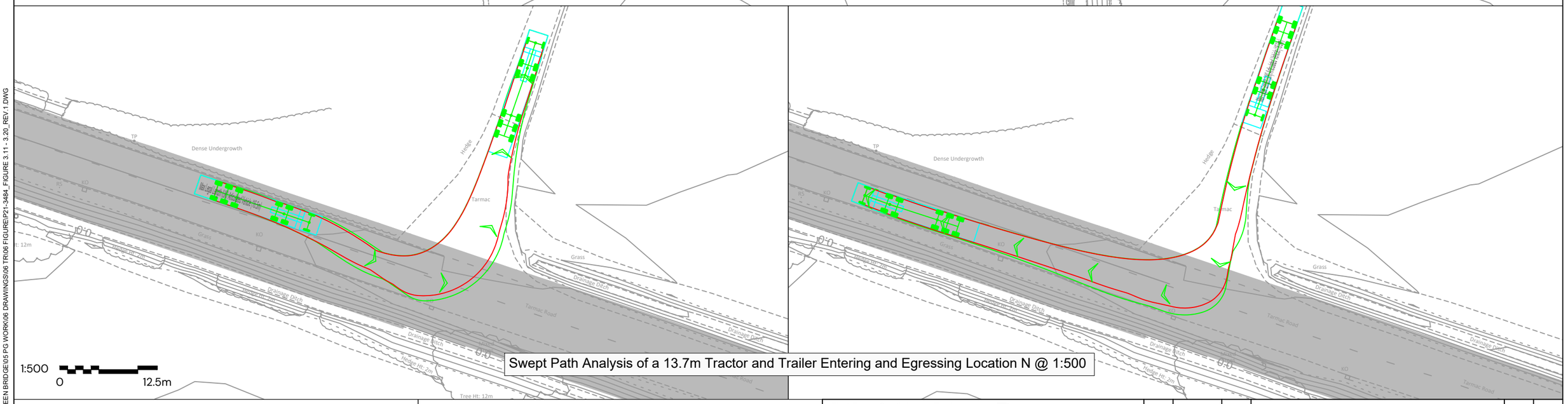
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# Figure 3.15 Proposed Access Arrangements – Access N



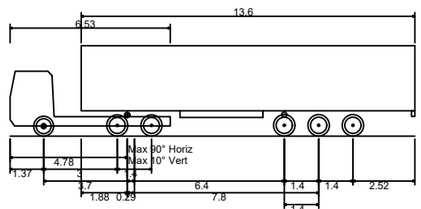

Access Arrangement @ 1:1,250




Swept Path Analysis of a 13.7m Tractor and Trailer Entering and Egressing Location N @ 1:500

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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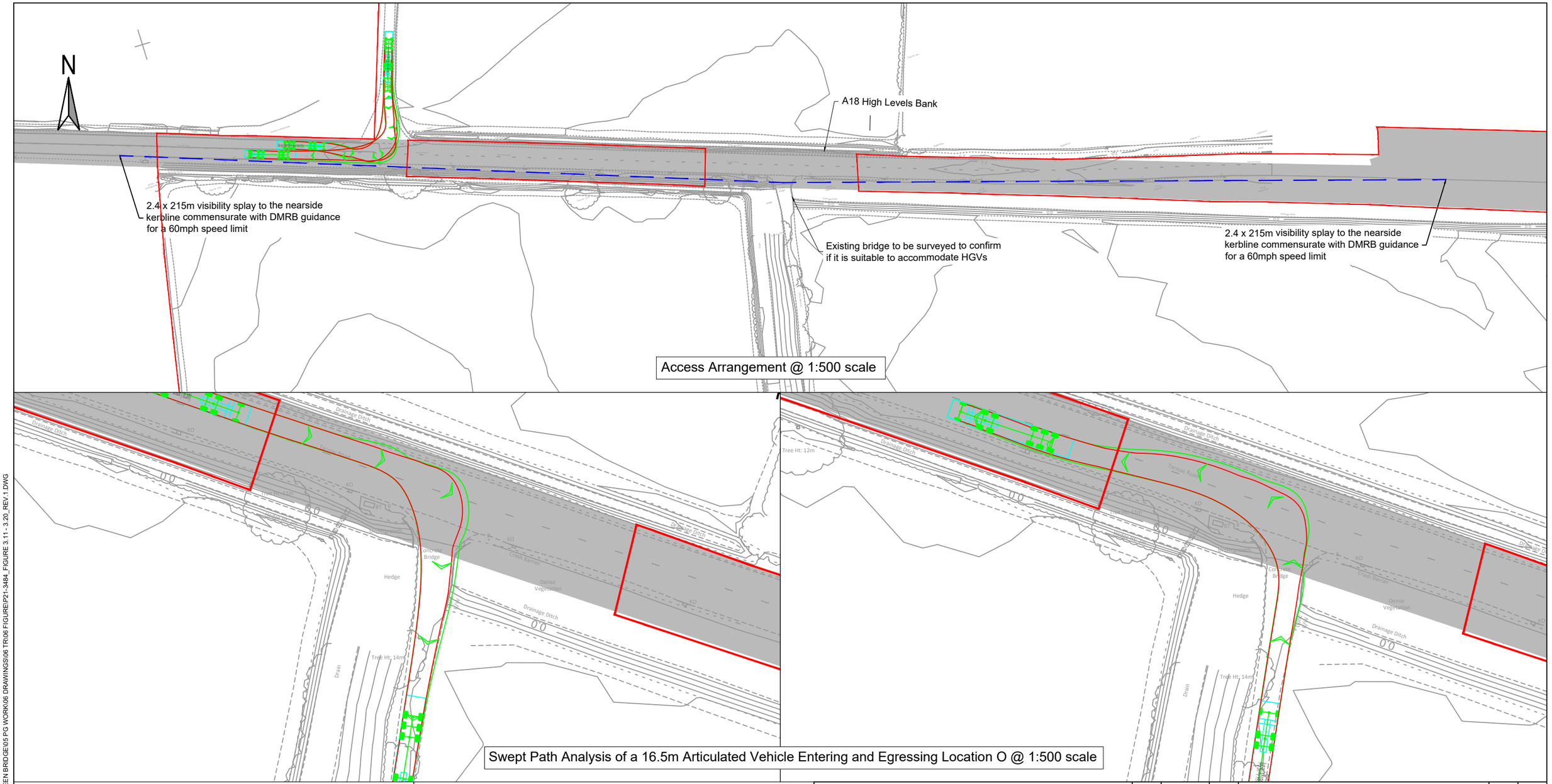
TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION N

| SCALE @ A3: | CHECKED: | APPROVED: |
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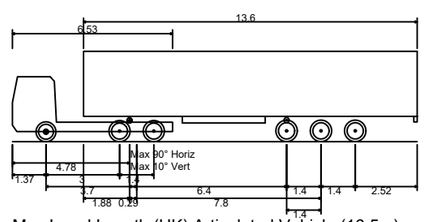
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# Figure 3.16 Proposed Access Arrangements – Access O




Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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PROJECT: TWEEN BRIDGE, THORNE

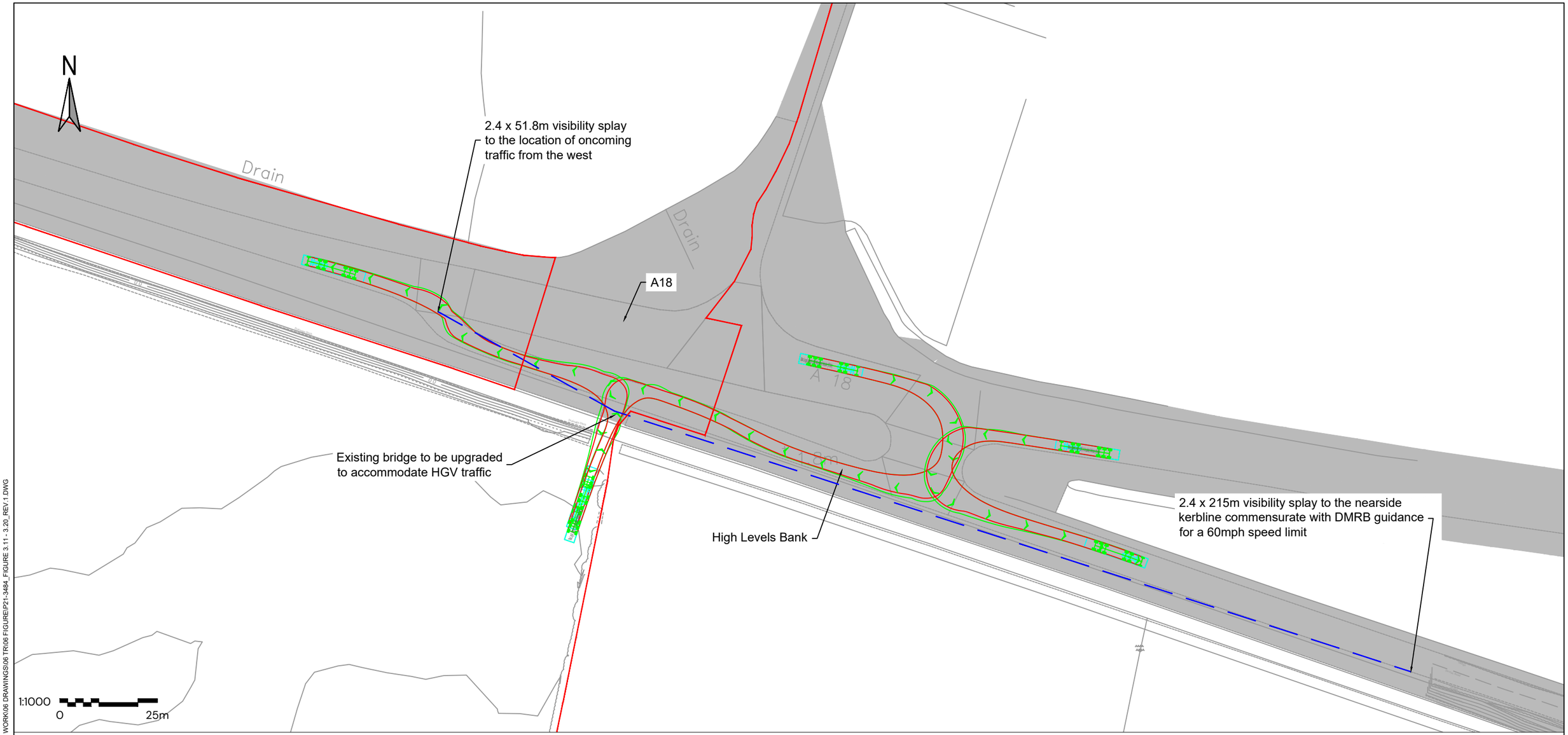
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| SCALE @ A3: | CHECKED: | APPROVED: |
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| AS SHOWN | ADWS | KS |
| DATE: | DESIGN-DRAWN: | DRAWING-STATUS: |
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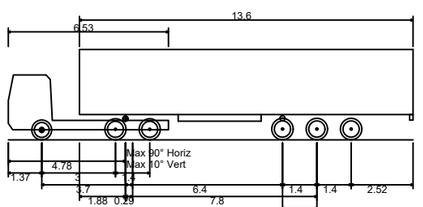
# Figure 3.17 Proposed Access Arrangements – Access P




Swept Path Analysis of a 16.5m Articulated Vehicle Entering and Egressing Location P

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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PROJECT: TWEEN BRIDGE SOLAR FARM

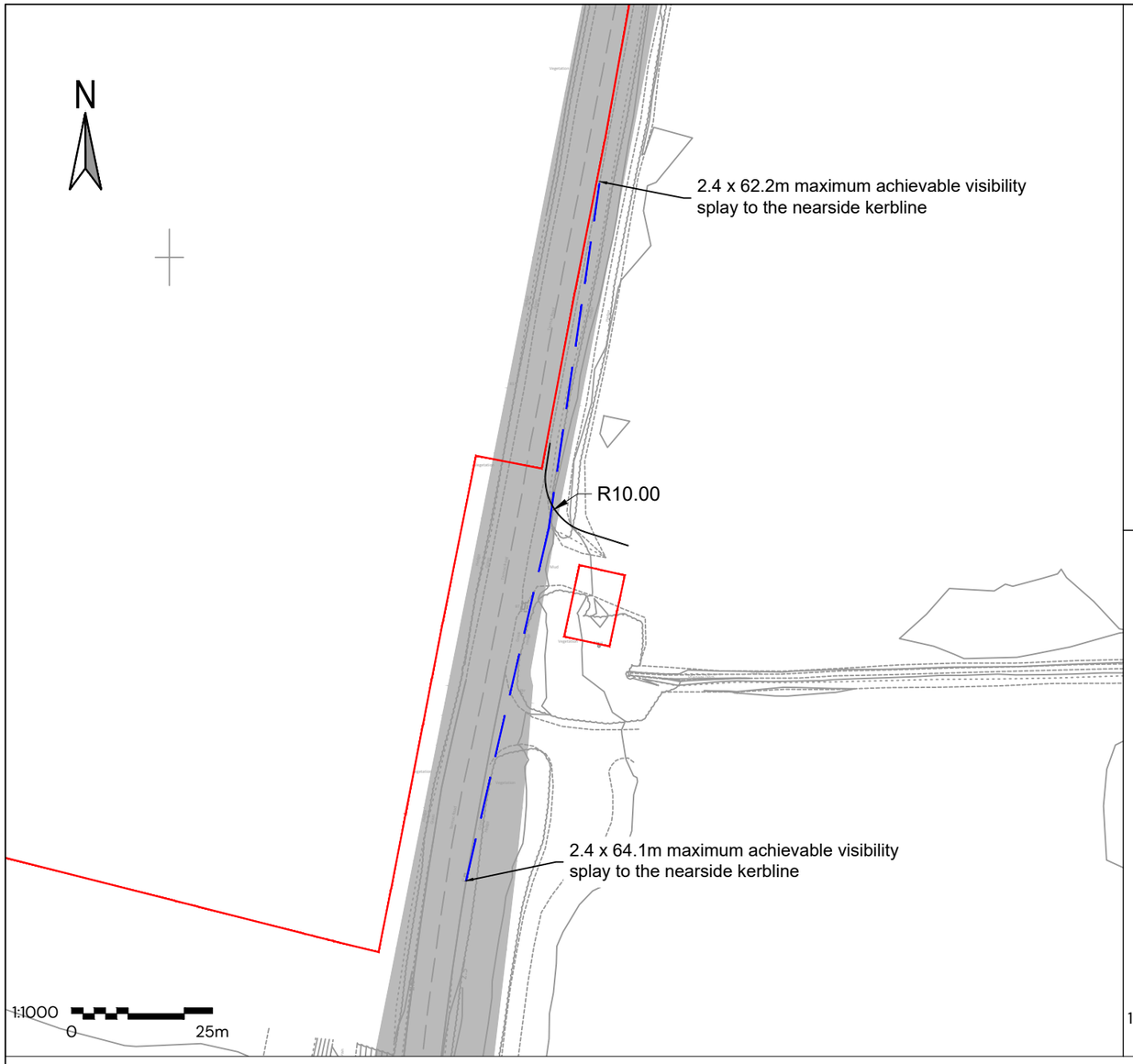
TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION P

| SCALE @ A3: | CHECKED: | APPROVED: |
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| DATE: | DESIGN-DRAWN: | DRAWING-STATUS: |
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# Figure 3.18 Proposed Access Arrangements – Access Q



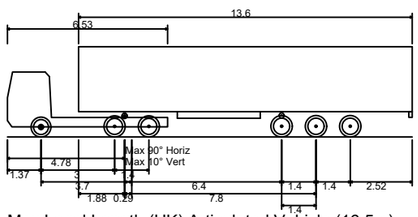

General Arrangement - Location Q
Scale @ 1:1,000




Swept Path Analysis of a 13.7m Tractor and Trailer Entering and Egressing Location Q
Scale @ 1:500

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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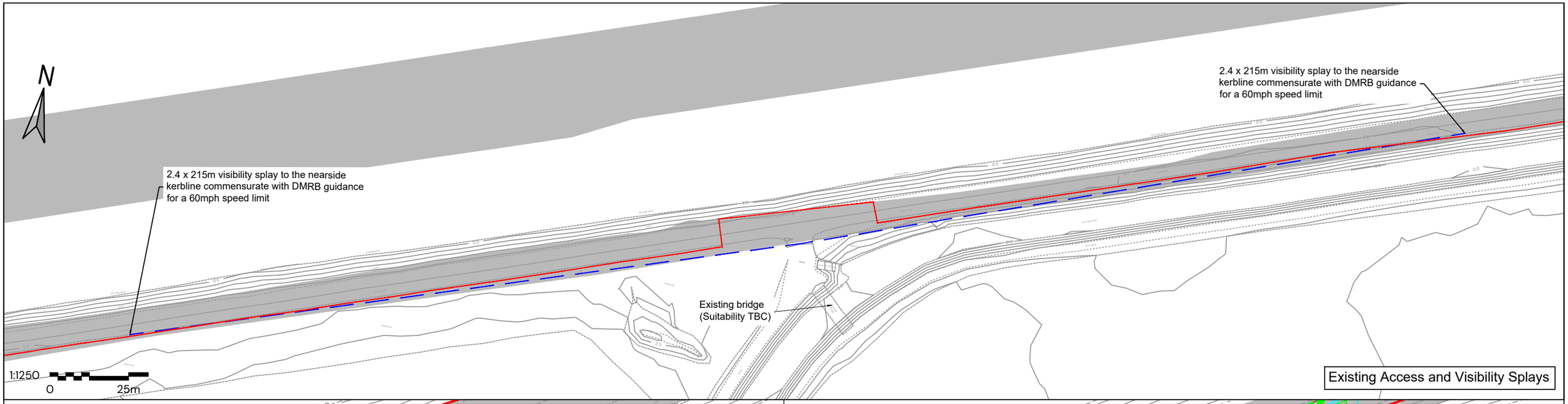
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|---|---|---|
| P21-3484 | FIGURE 3.18 | 1 |

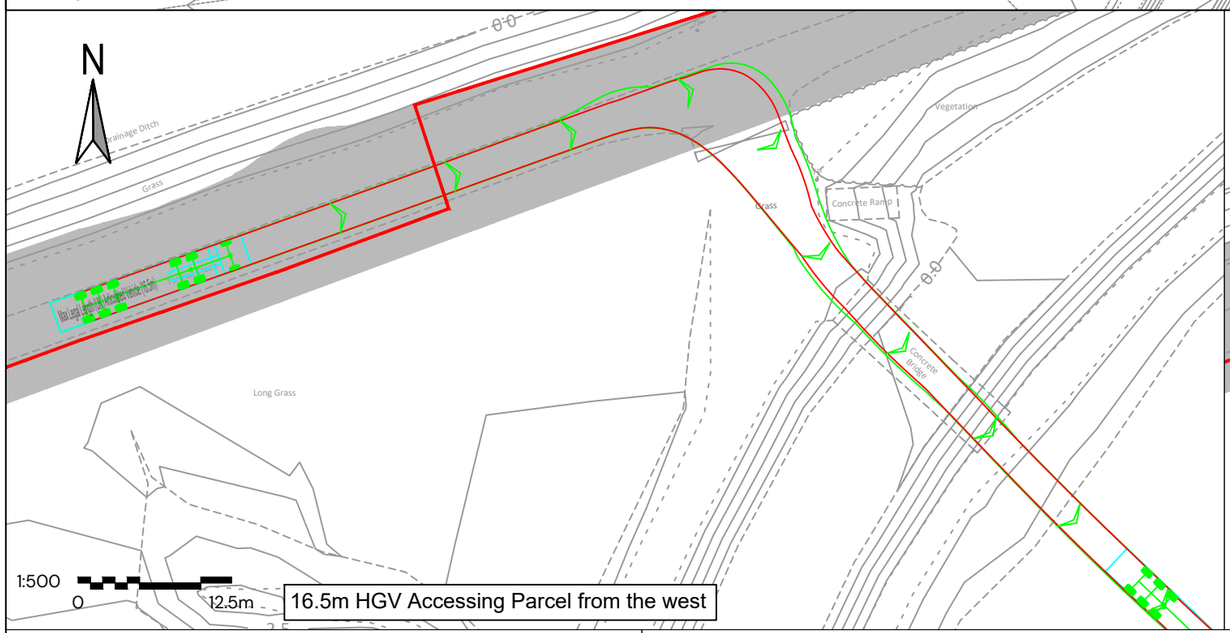
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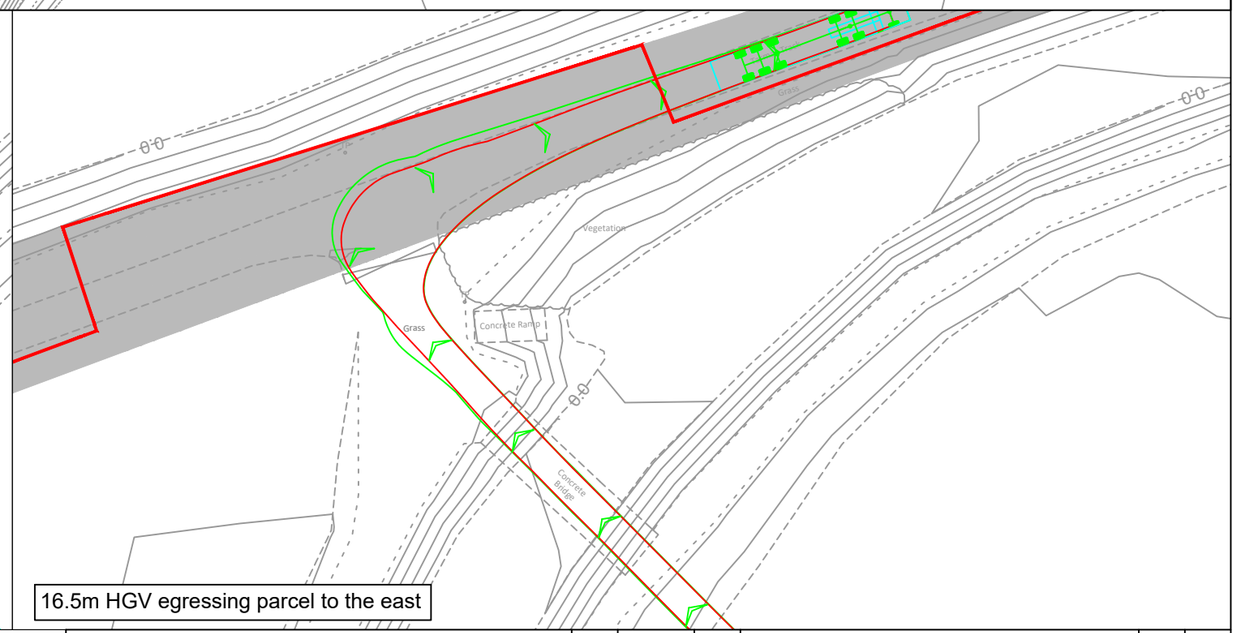
# Figure 3.19 Proposed Access Arrangements – Access R




## Existing Access and Visibility Splays



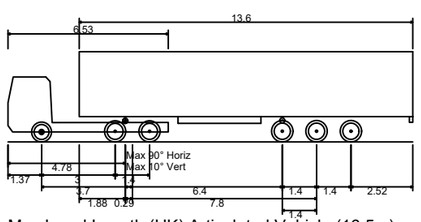

16.5m HGV Accessing Parcel from the west




16.5m HGV egressing parcel to the east

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |


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TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION R

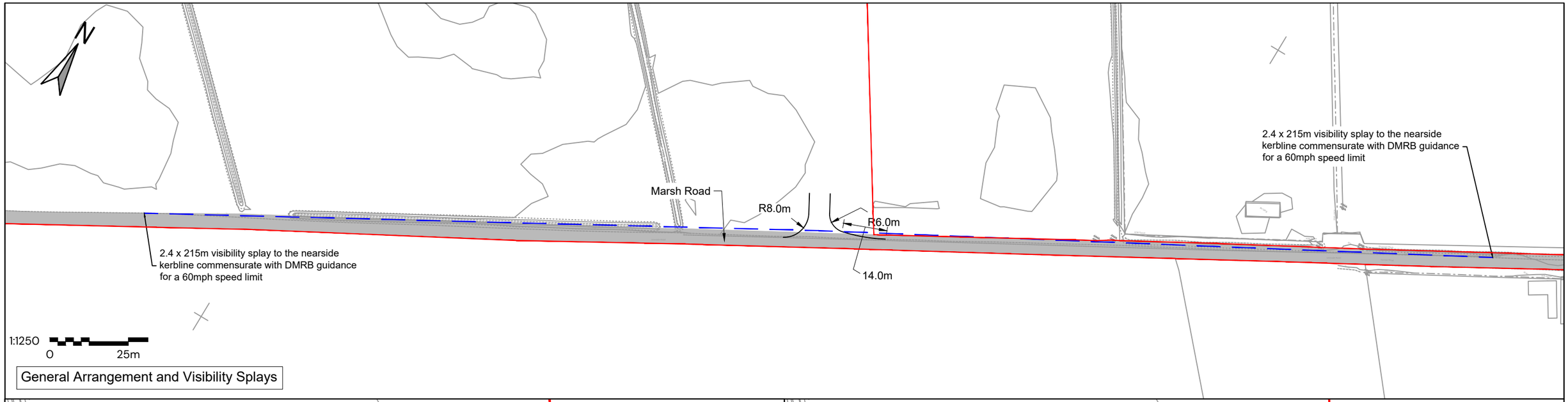
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|---|---|---|
| P21-3484 | FIGURE 3.19 | 1 |


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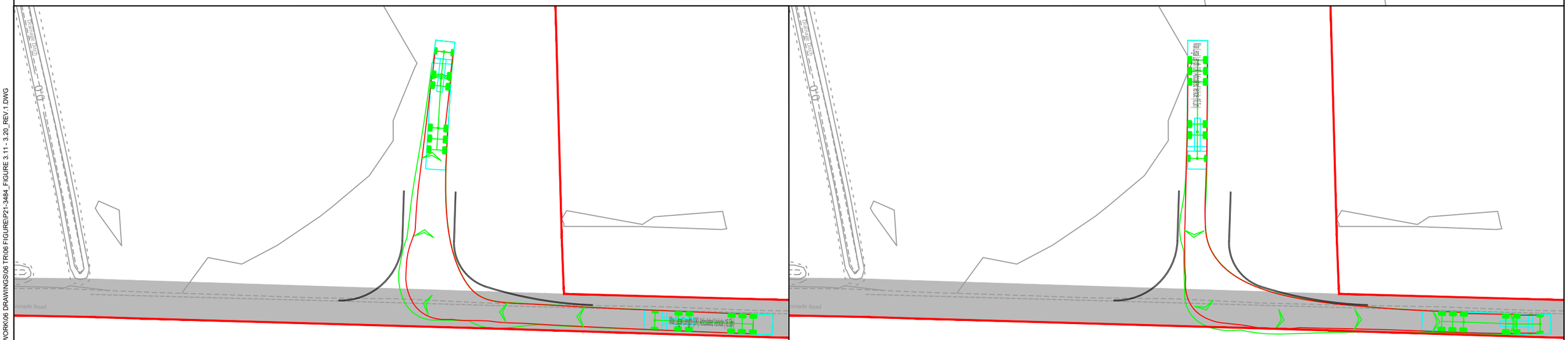

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# Figure 3.20 Proposed Access Arrangements – Access S




1:1250
0 25m

General Arrangement and Visibility Splays

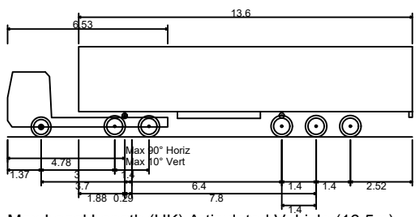


1:500
0 12.5m

Swept Path Analysis of a 16.5m HGV Entering and Egressing Location S

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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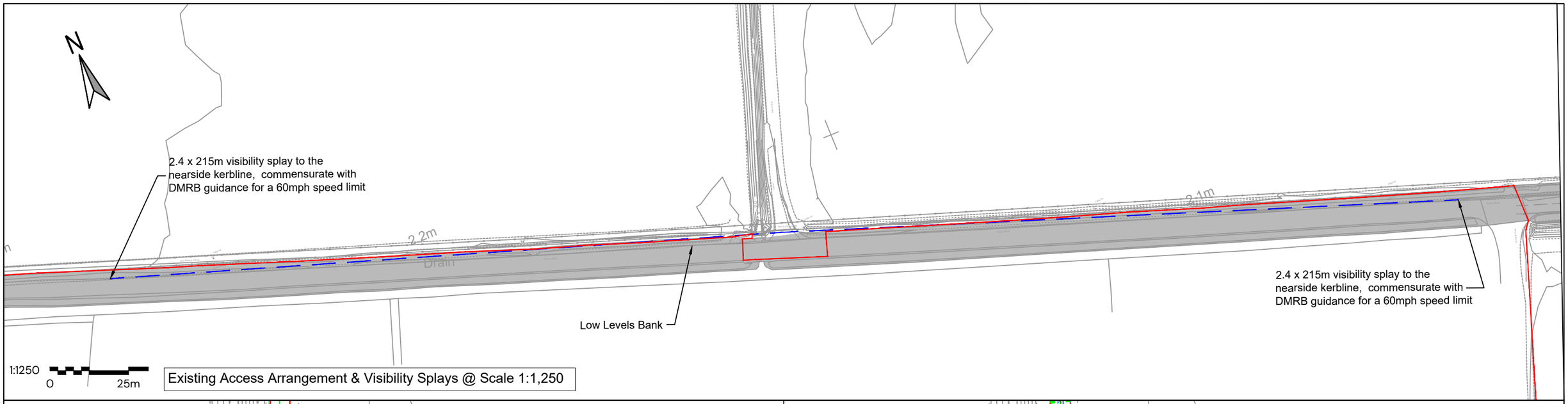
TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION S

| SCALE @ A3: | CHECKED: | APPROVED: |
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| PROJECT No: | DRAWING No: | REV: |
| P21-3484 | FIGURE 3.20 | 1 |

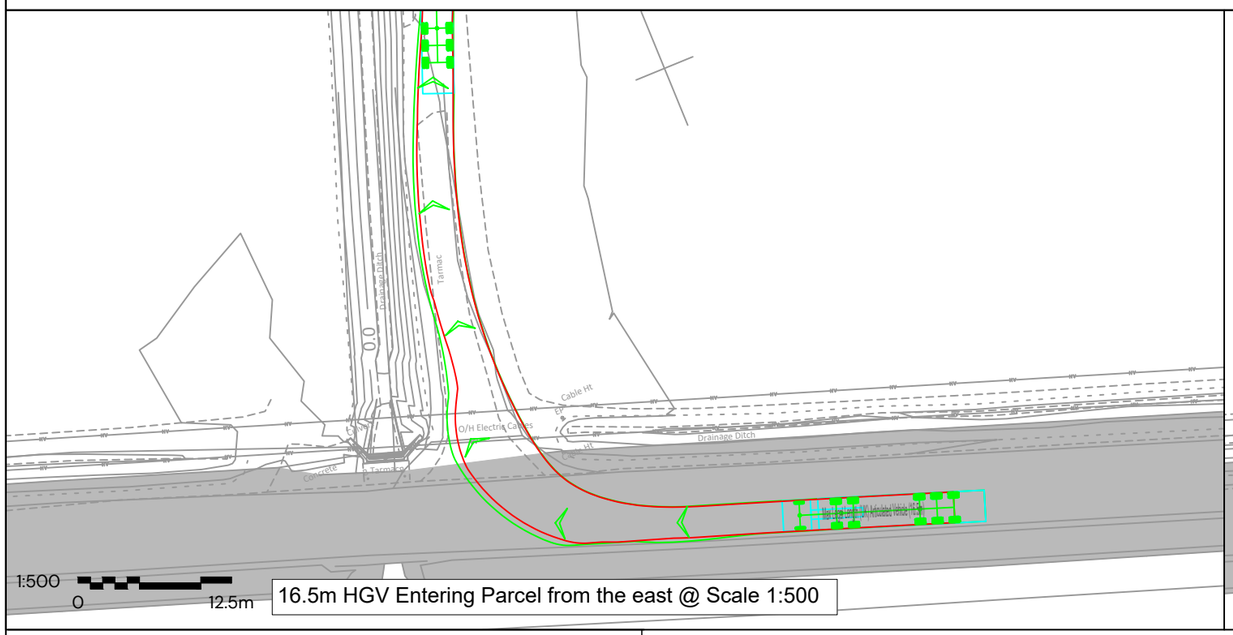
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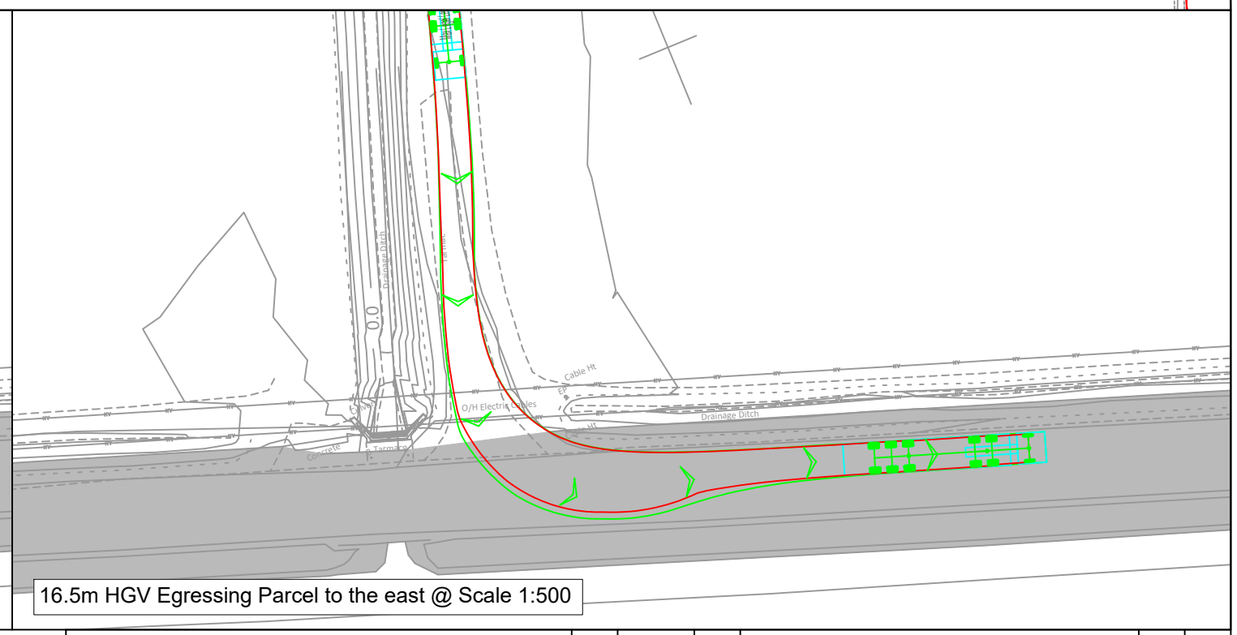
# Figure 3.24 Proposed Access Arrangements – Access W




Existing Access Arrangement & Visibility Splays @ Scale 1:1,250



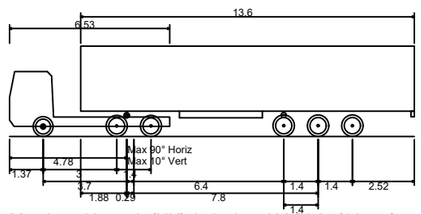

16.5m HGV Entering Parcel from the east @ Scale 1:500




16.5m HGV Egressing Parcel to the east @ Scale 1:500

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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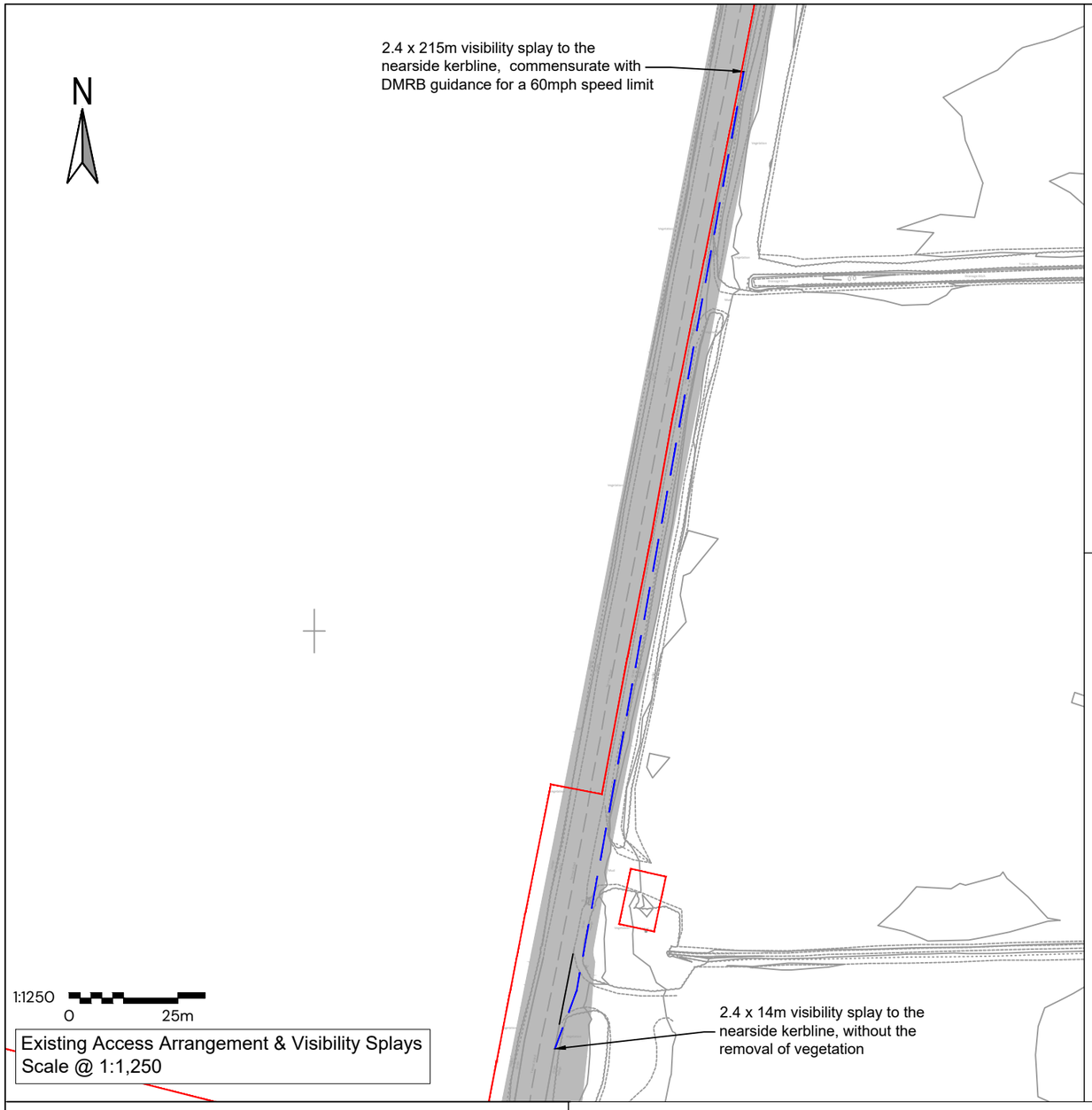
TITLE: PROPOSED ACCESS ARRANGEMENTS - ACCESS W

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| P21-3484 | FIGURE 3.24 | 1 |

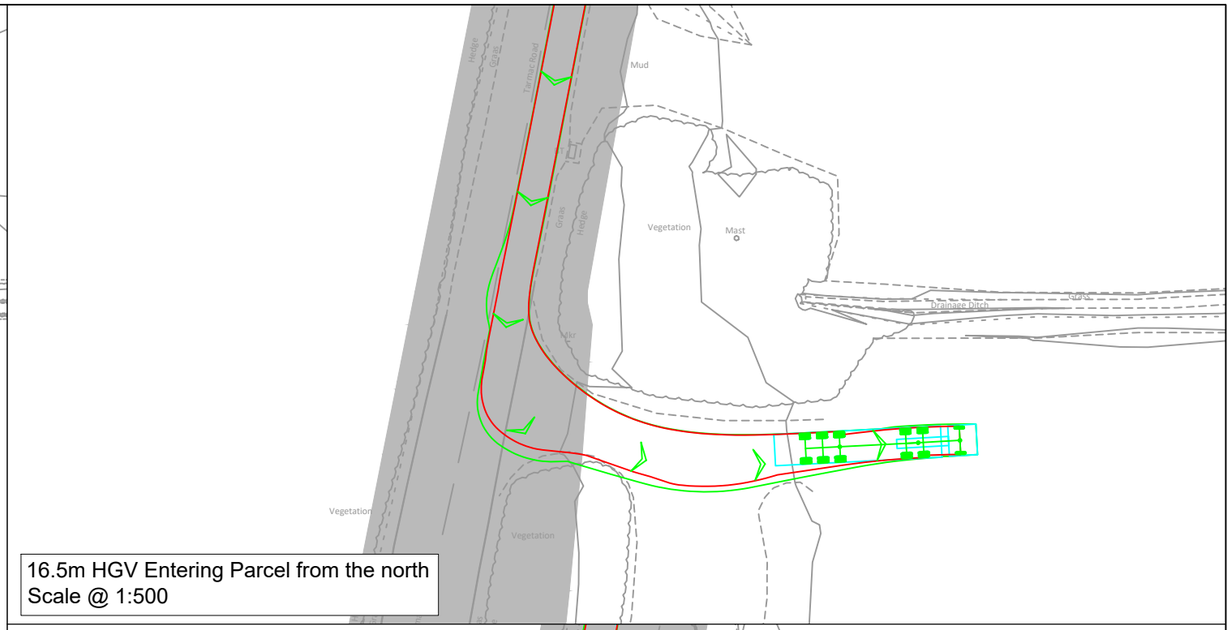
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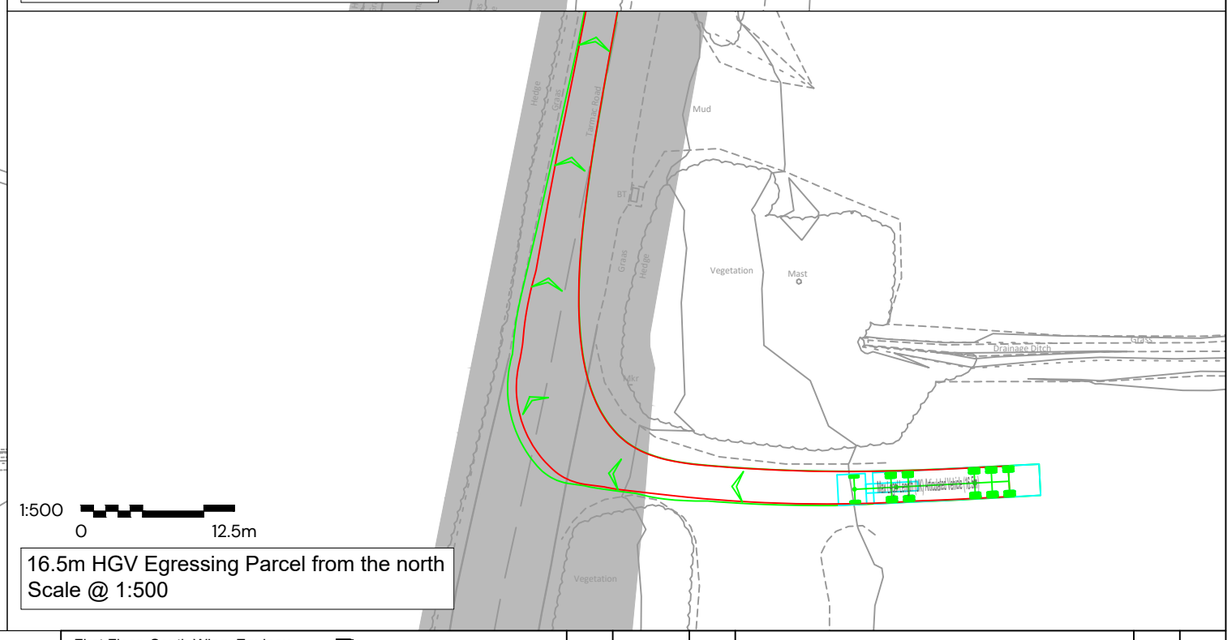
# Figure 3.25 Proposed Access Arrangements – Access X




Existing Access Arrangement & Visibility Splays
Scale @ 1:1,250



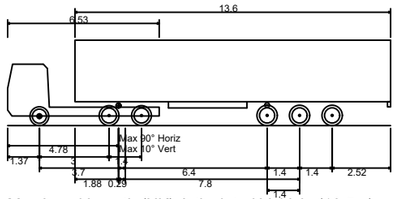

16.5m HGV Entering Parcel from the north
Scale @ 1:500




16.5m HGV Egressing Parcel from the north
Scale @ 1:500

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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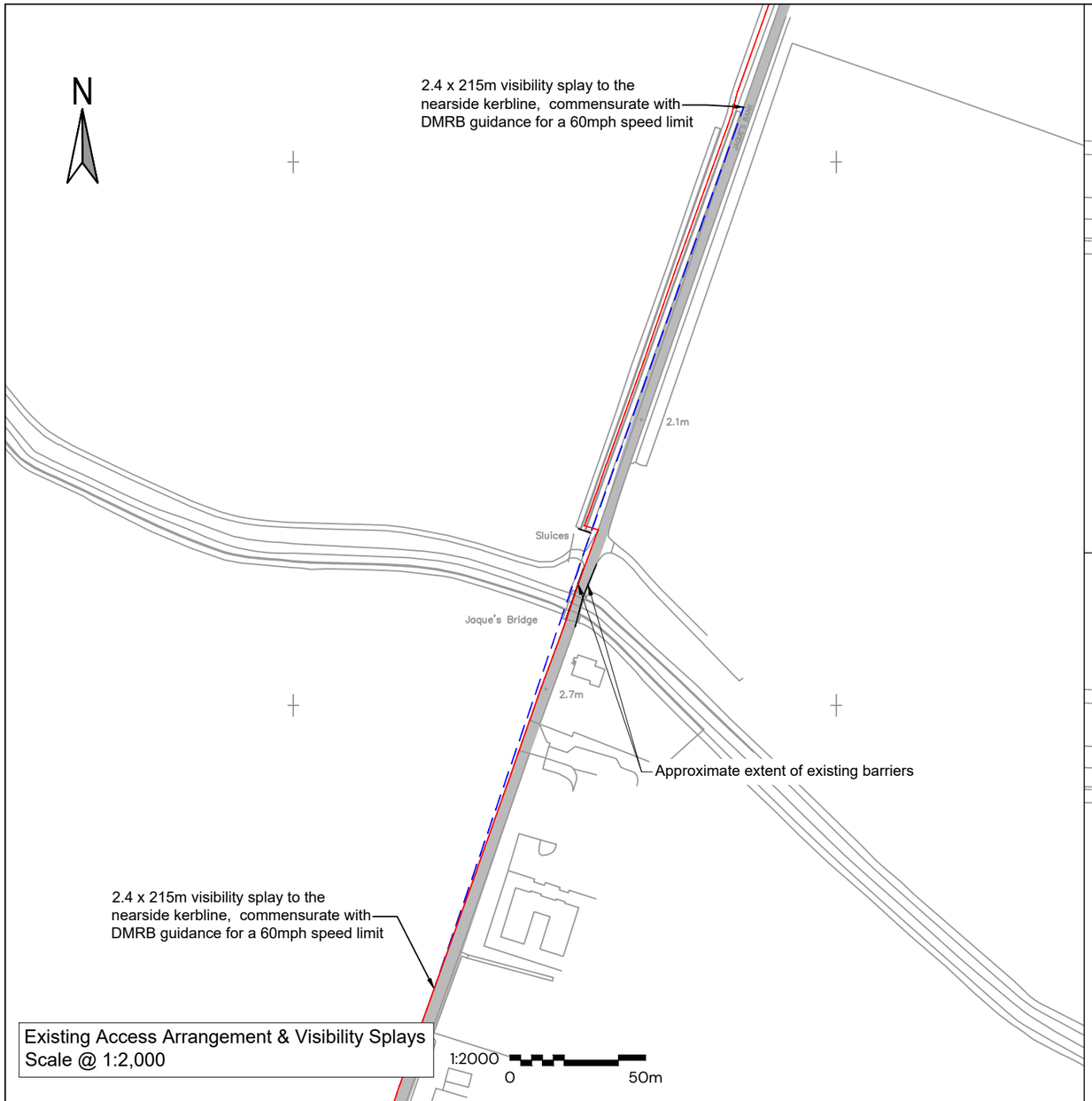
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| P21-3484 | FIGURE 3.25 | 1 |

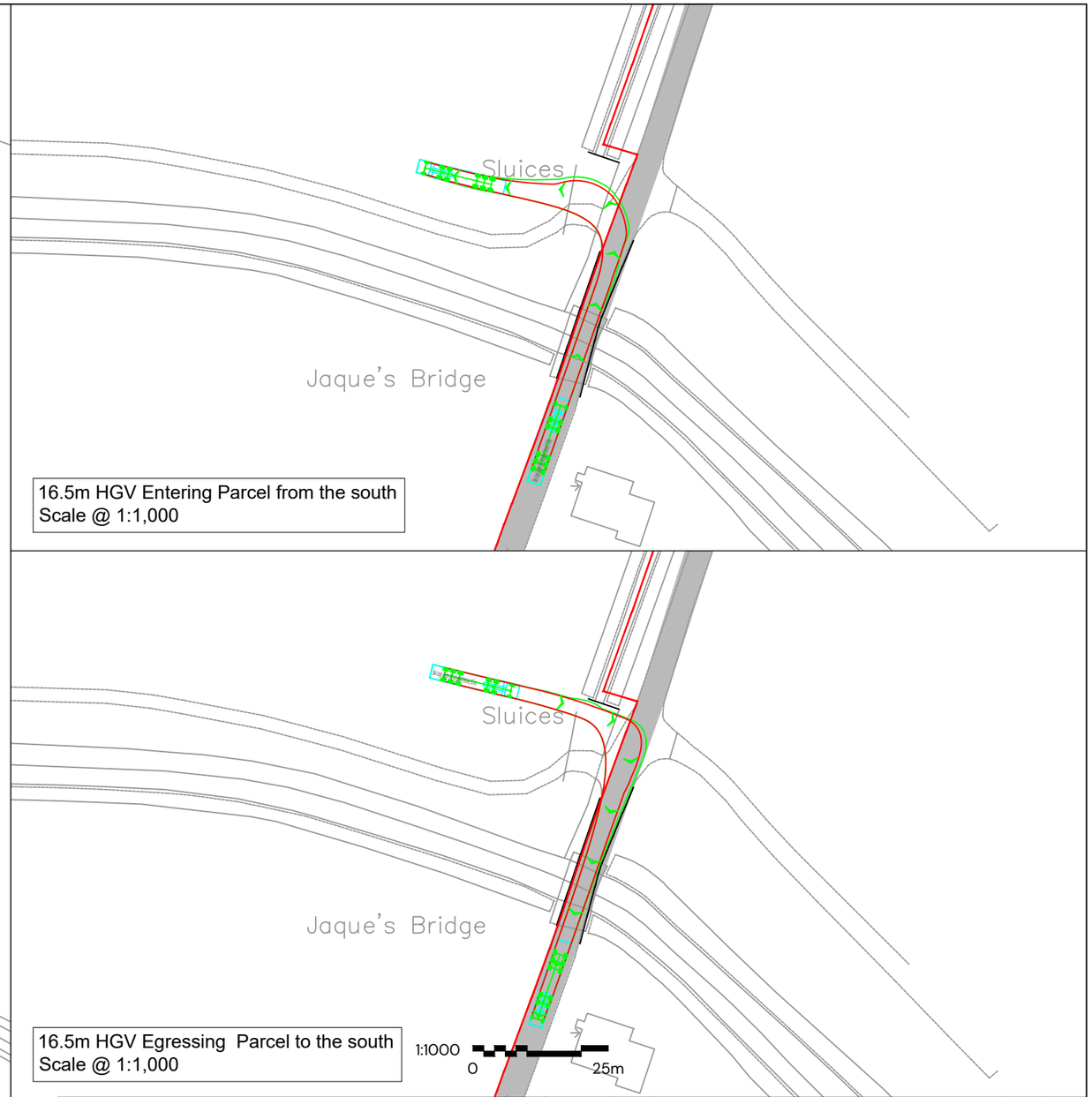
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# Figure 3.26 Proposed Access Arrangements – Access Y




Existing Access Arrangement & Visibility Splays
Scale @ 1:2,000

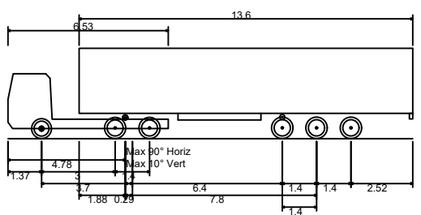



16.5m HGV Entering Parcel from the south
Scale @ 1:1,000

16.5m HGV Egressing Parcel to the south
Scale @ 1:1,000

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |


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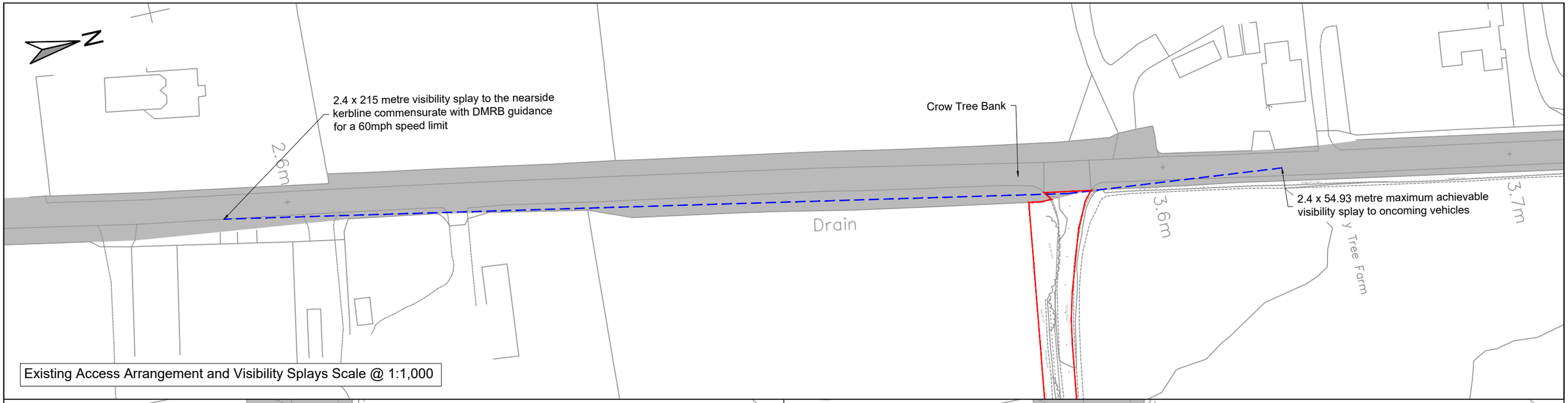
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| PROJECT No: | DRAWING No: | REV: |
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| P21-3484 | FIGURE 3.26 | 1 |

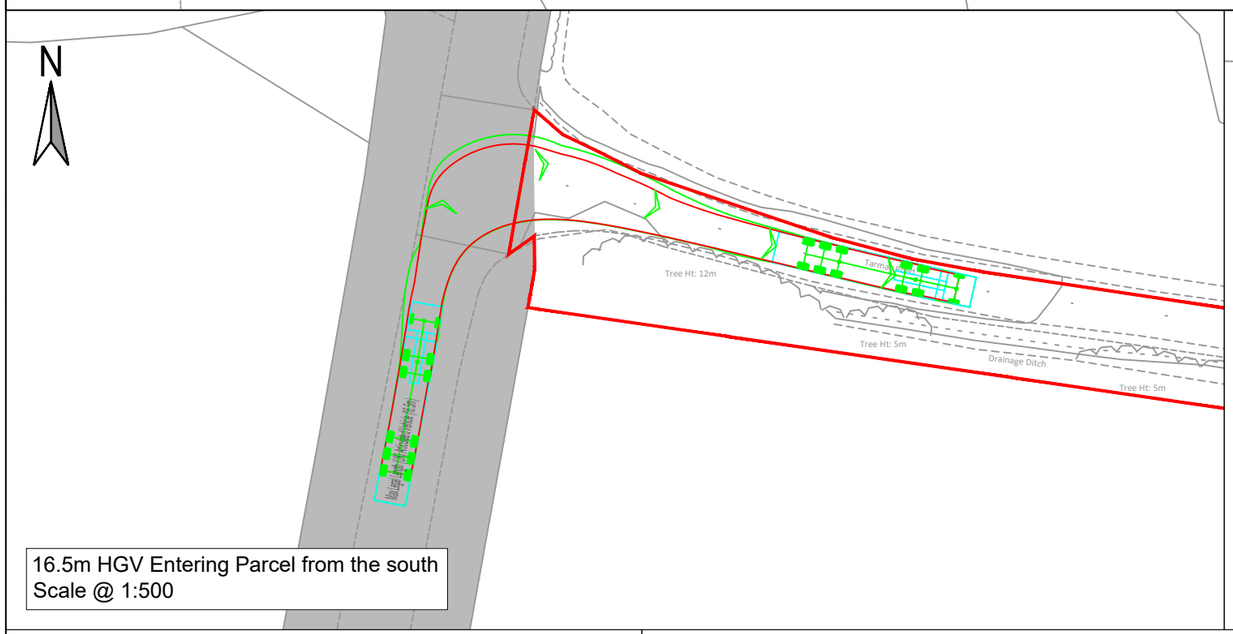

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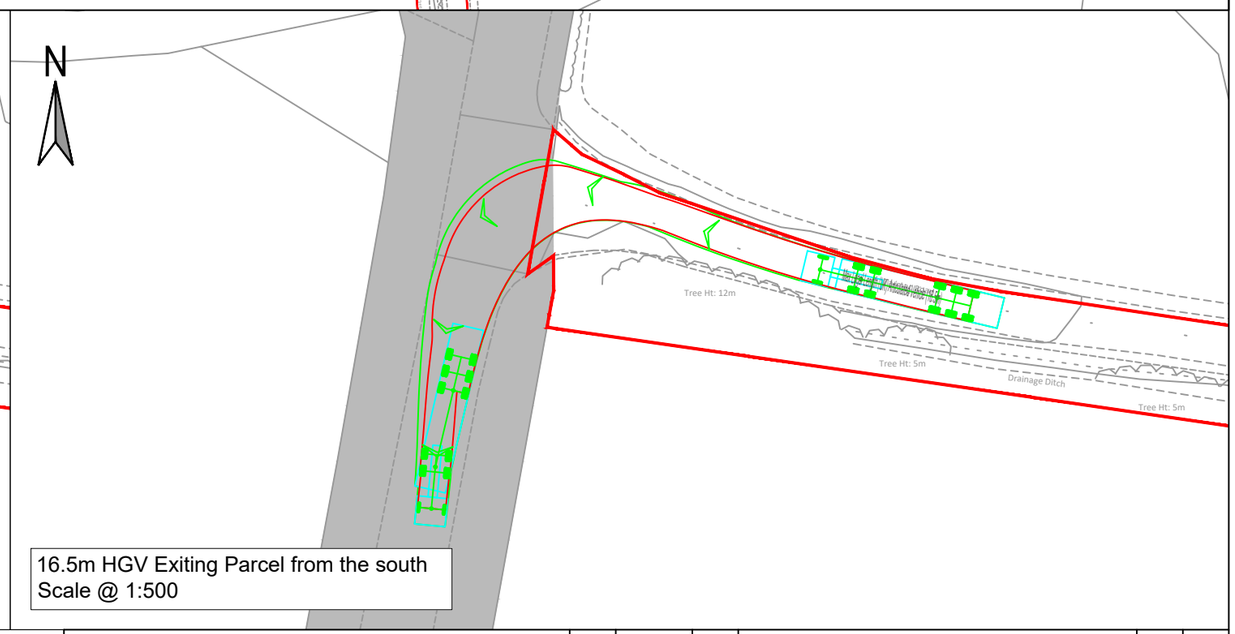
# Figure 3.27 Proposed Access Arrangements – Access Z




Existing Access Arrangement and Visibility Splays Scale @ 1:1,000



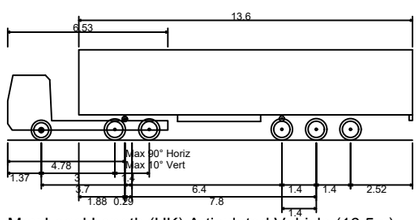

16.5m HGV Entering Parcel from the south
Scale @ 1:500




16.5m HGV Exiting Parcel from the south
Scale @ 1:500

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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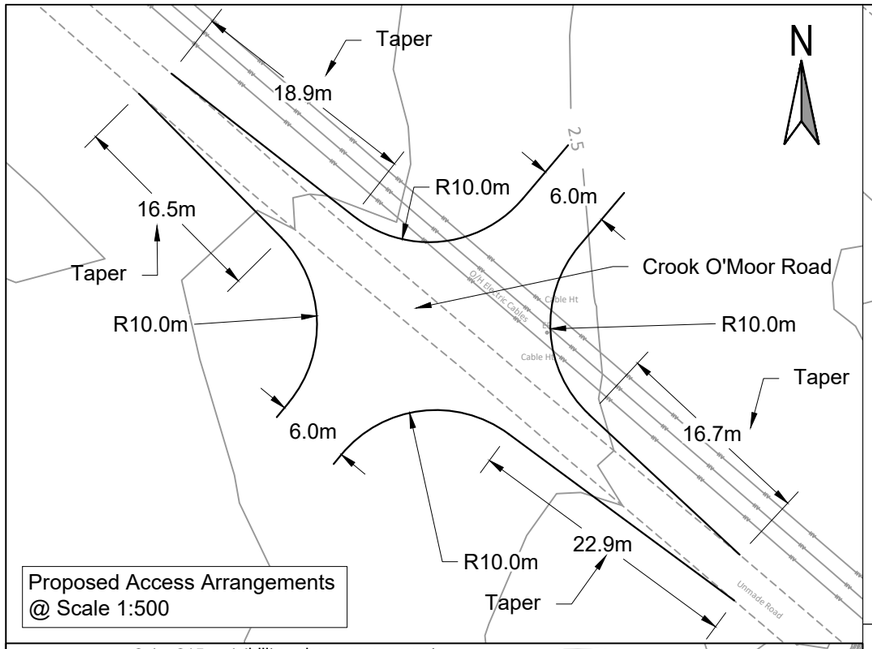
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| P21-3484 | FIGURE 3.27 | 1 |

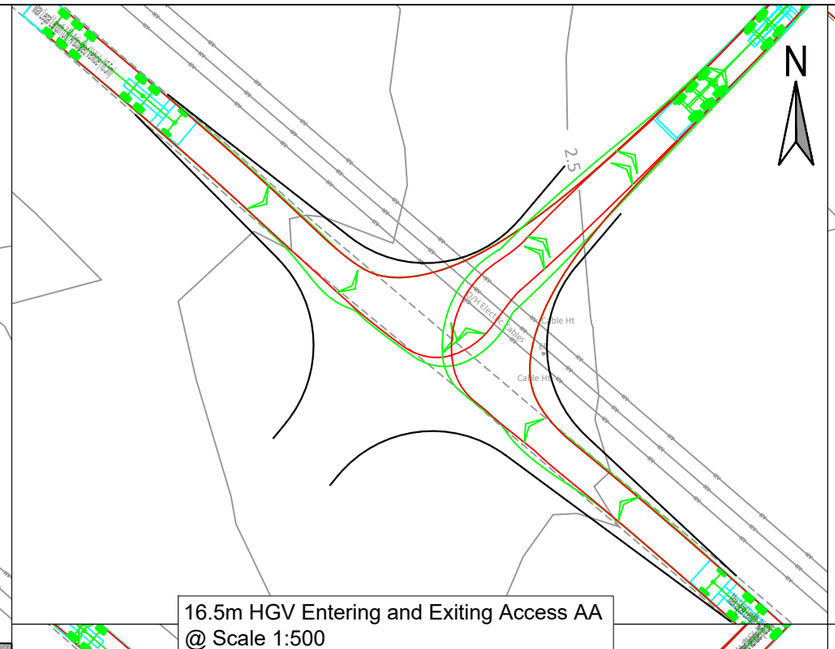
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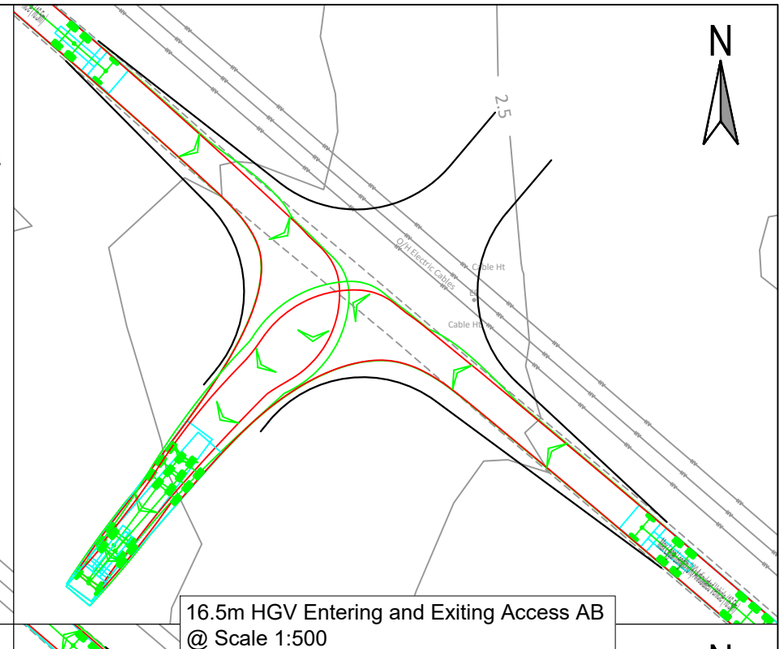
# Figure 3.28 Proposed Access Arrangements – Access AA and AB



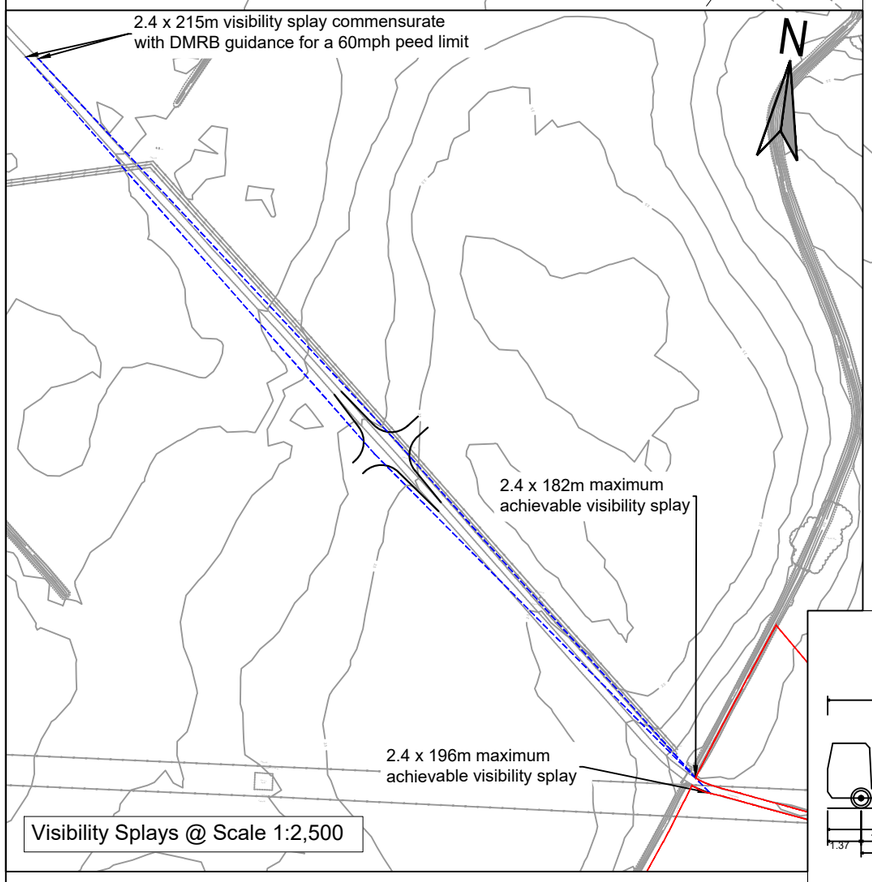

Proposed Access Arrangements
@ Scale 1:500



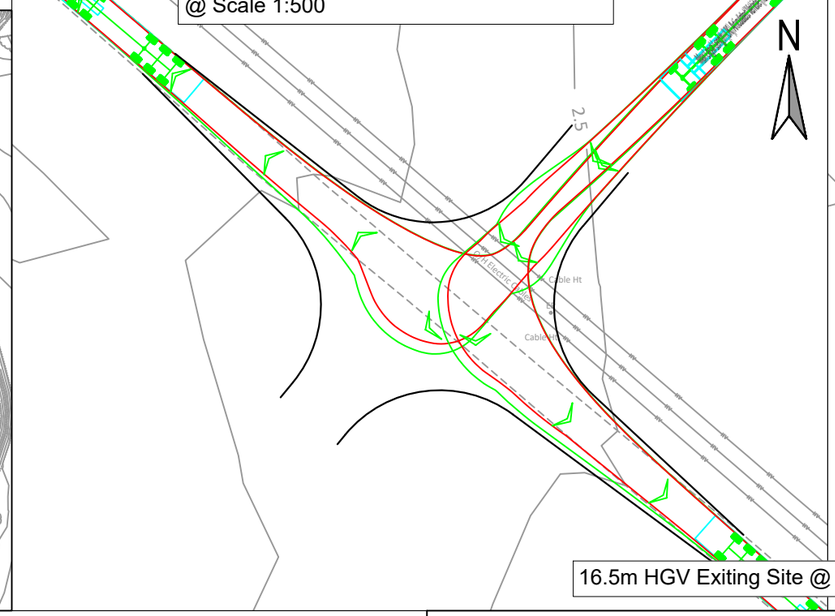

16.5m HGV Entering and Exiting Access AA
@ Scale 1:500



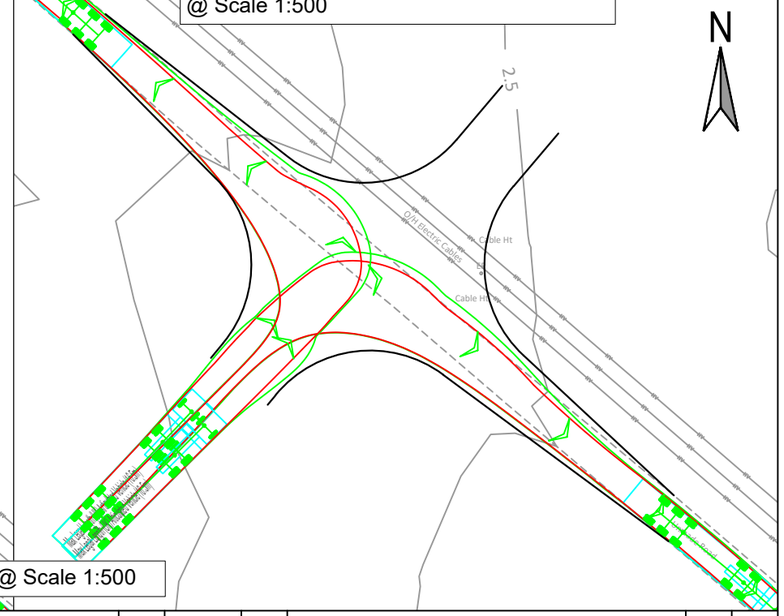

16.5m HGV Entering and Exiting Access AB
@ Scale 1:500




Visibility Splays @ Scale 1:2,500

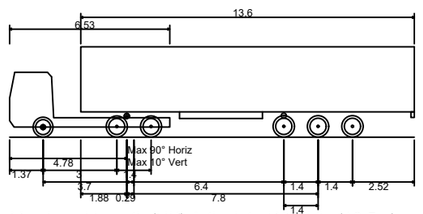



16.5m HGV Exiting Site @ Scale 1:500




Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |


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TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION AA AND LOCATION AB

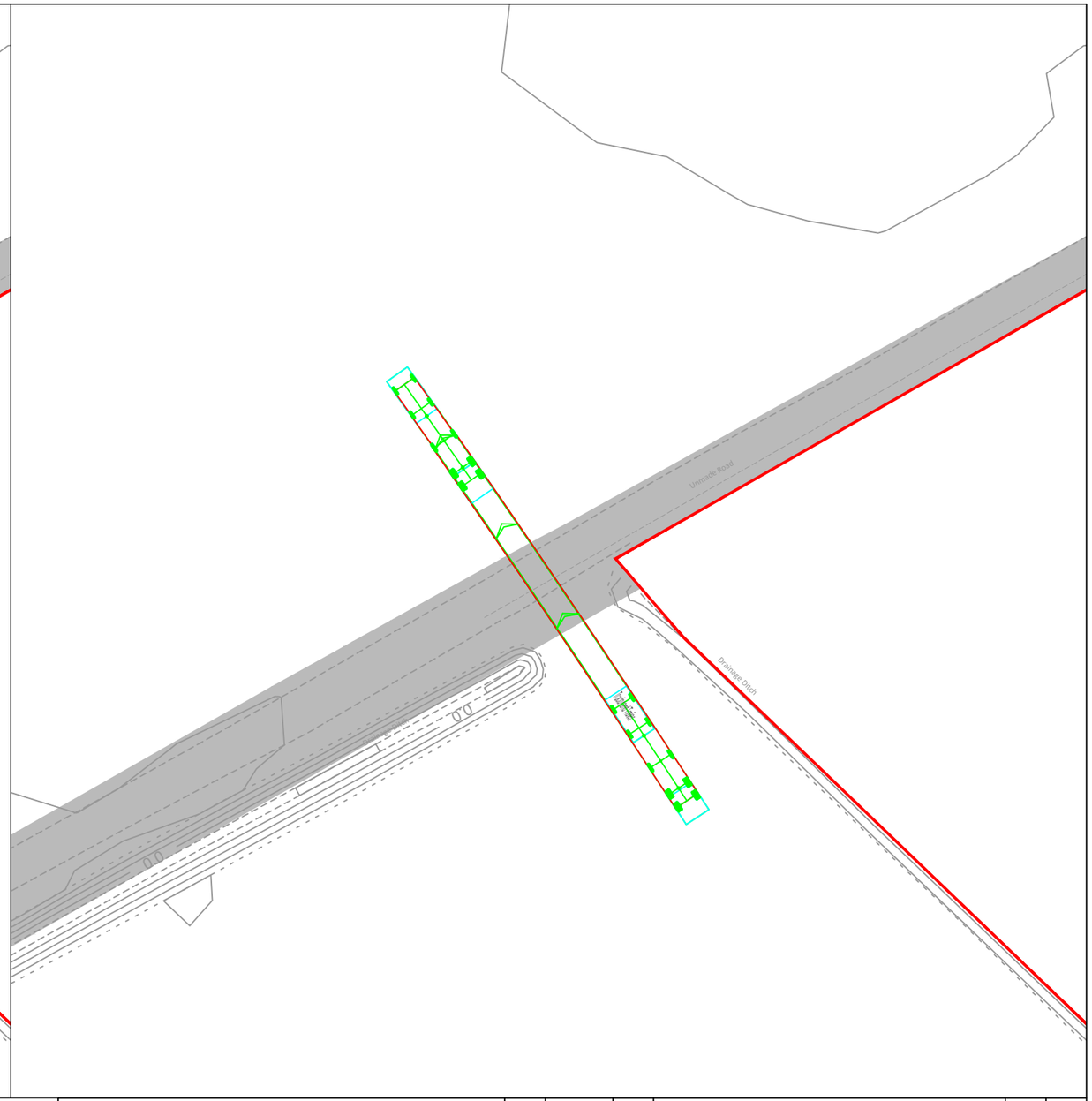
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|---|---|---|
| AS SHOWN | ADWS | KS |
| DATE: | DESIGN-DRAWN: | DRAWING-STATUS: |
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| PROJECT No: | DRAWING No: | REV: |
| P21-3484 | FIGURE 3.28 | 1 |


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# Figure 3.29 Proposed Access Arrangements – Access AC



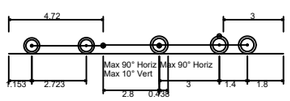




N

Key:

Order Limits

Approximate Extent of Adopted Highway




| Tractor and Trailer | |
|---|---|
| Overall Length | 13.720m |
| Overall Width | 2.500m |
| Overall Body Height | 0.438m |
| Min Body Ground Clearance | 0.398m |
| Max Track Width | 2.500m |
| Lock to lock time | 4.00s |
| Kerb to Kerb Turning Radius | 4.620m |

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CLIENT: RWE RENEWABLES UK SOLAR AND STORAGE LTD

PROJECT: TWEEN BRIDGE SOLAR FARM

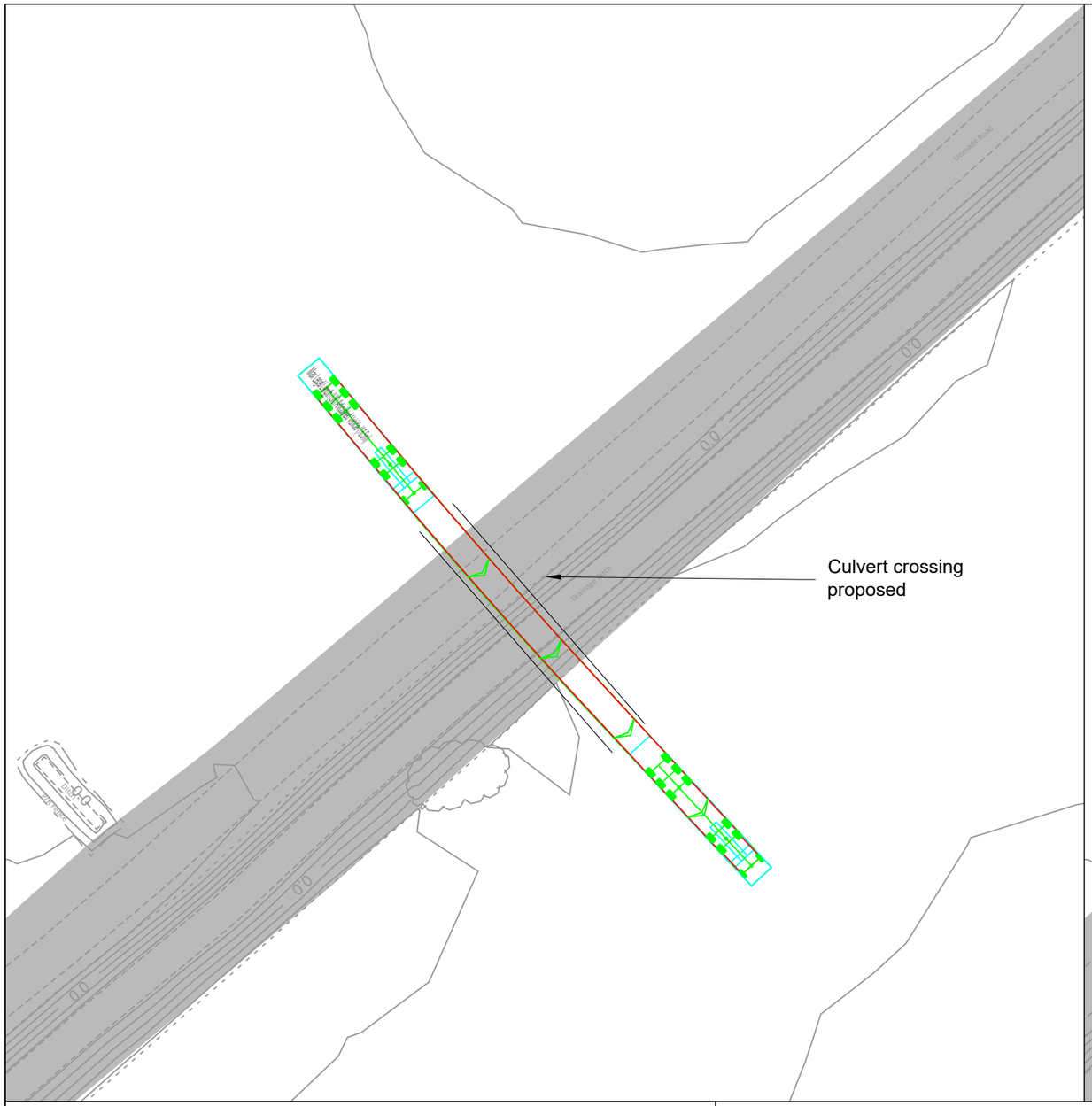
TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION AC

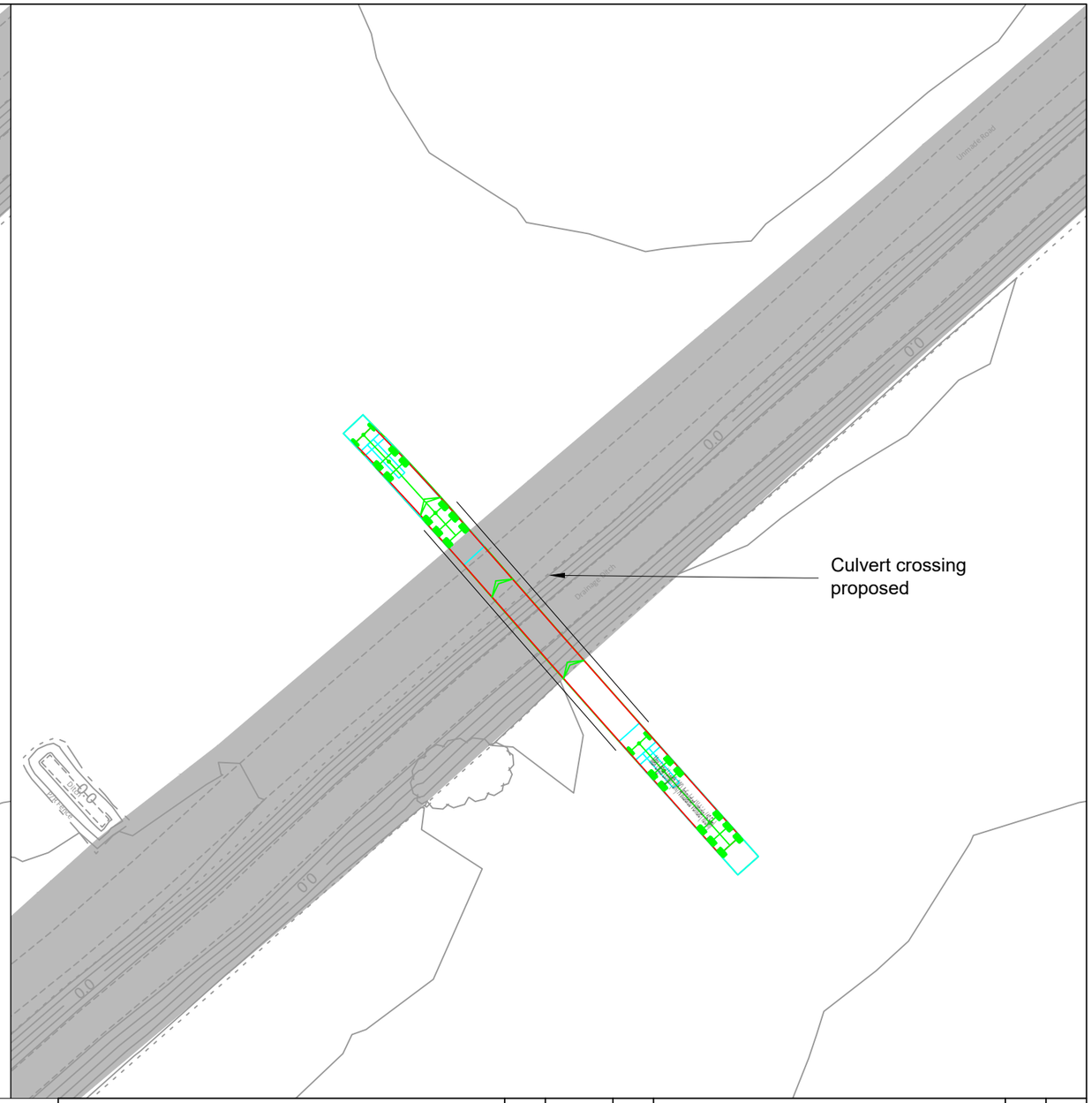
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|---|---|---|
| 1:500 | ADWS | KS |
| DATE: | DESIGN-DRAWN: | DRAWING-STATUS: |
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| P21-3484 | FIGURE 3.29 | 1 |

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# Figure 3.30 Proposed Access Arrangements – Access AD

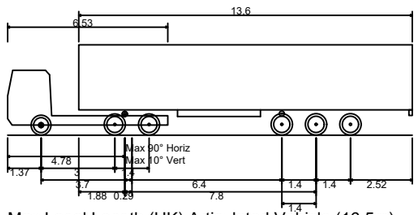



N

Key:

Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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PROJECT: TWEEN BRIDGE SOLAR FARM

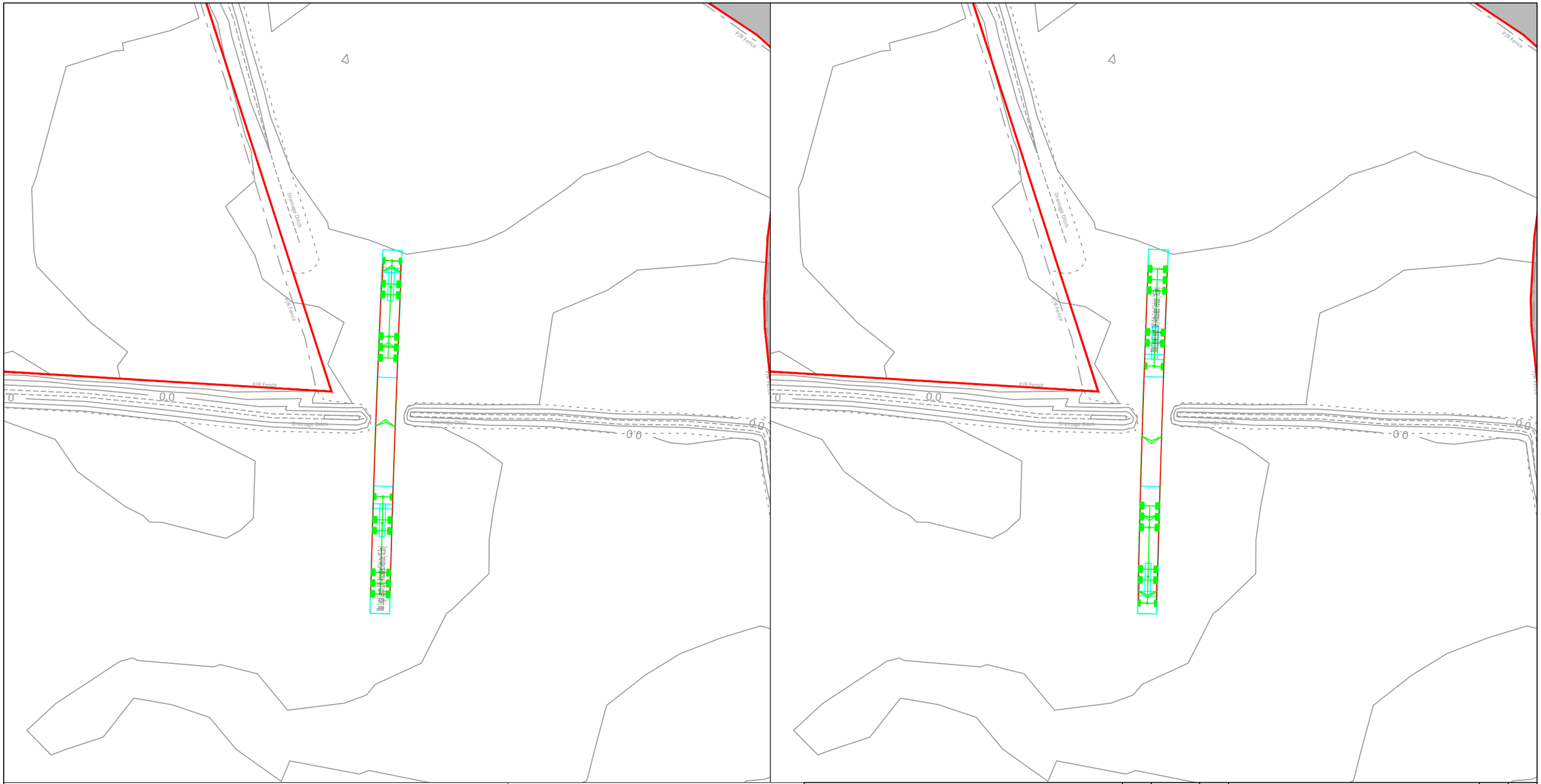
TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION AD

| SCALE @ A3: | CHECKED: | APPROVED: |
|---|---|---|
| 1:500 | ADWS | KS |
| DATE: | DESIGN-DRAWN: | DRAWING-STATUS: |
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| PROJECT No: | DRAWING No: | REV: |
| P21-3484 | FIGURE 3.30 | 1 |

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# Figure 3.31 Proposed Access Arrangements – Access AE




N

Key:

Order Limits

Approximate Extent of Adopted Highway

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PROJECT: TWEEN BRIDGE SOLAR FARM

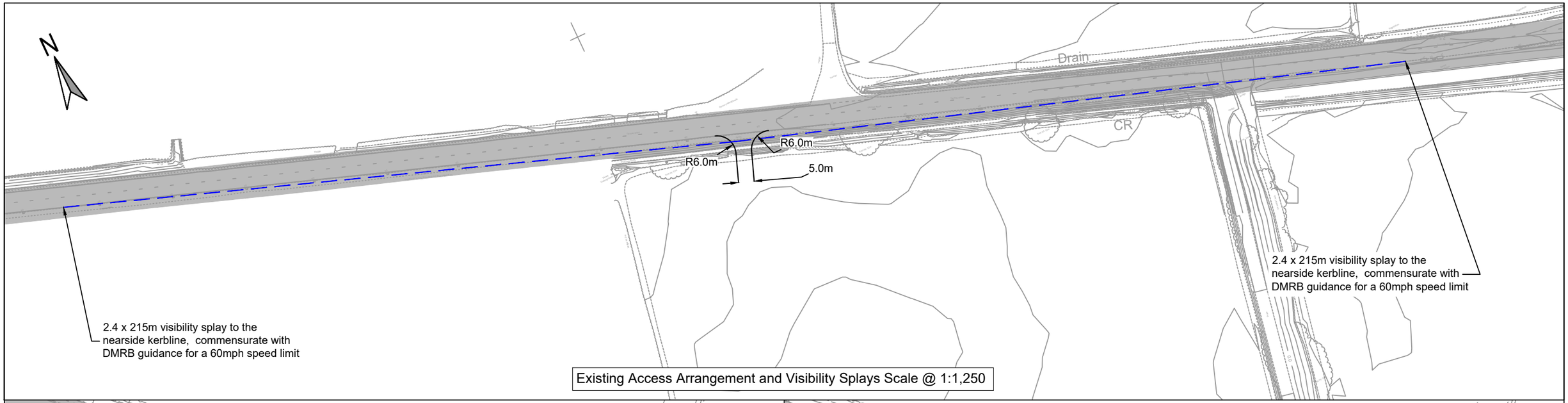
TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION AE

| SCALE @ A3: | CHECKED: | APPROVED: |
|---|---|---|
| 1:500 | ADWS | |
| DATE: | DESIGN-DRAWN: | DRAWING-STATUS: |
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| PROJECT No: | DRAWING No: | REV: |
| P21-3484 | FIGURE 3.31 | 1 |

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# Figure 3.34 Proposed Access Arrangements – Access AH



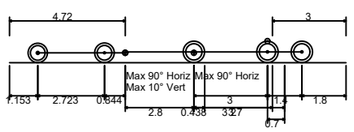

Existing Access Arrangement and Visibility Splays Scale @ 1:1,250




Tractor & Trailer Entering and Exiting Access
Scale @ 1:500

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




| Tractor and Trailer | |
|---|---|
| Overall Length | 13.720m |
| Overall Width | 2.500m |
| Overall Body Height | 0.438m |
| Min Body Ground Clearance | 0.398m |
| Max Track Width | 2.500m |
| Lock to lock time | 4.00s |
| Kerb to Kerb Turning Radius | 4.620m |

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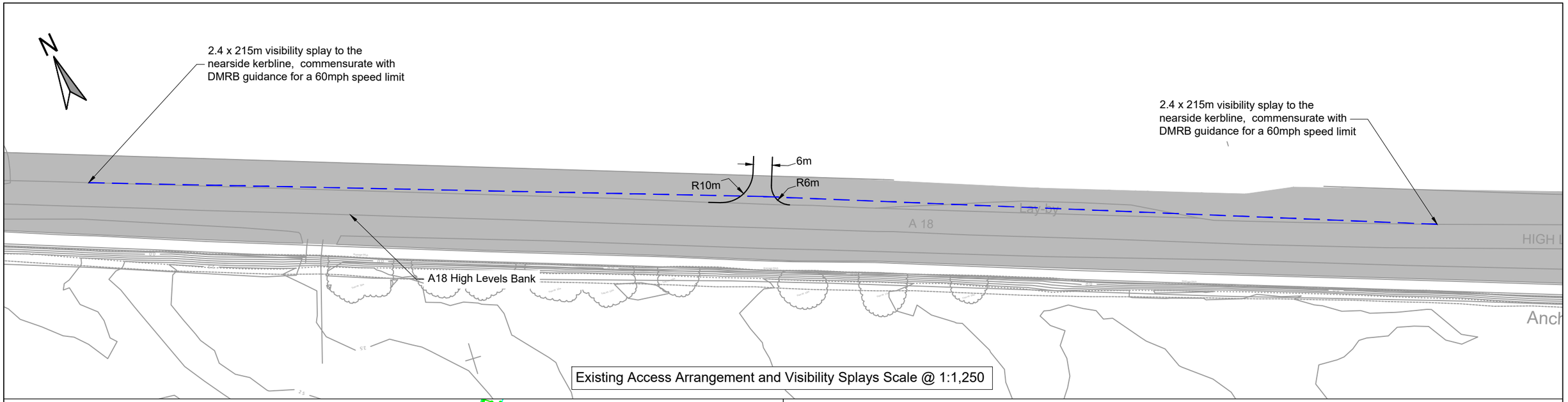
TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION AH

| SCALE @ A3: | CHECKED: | APPROVED: |
|---|---|---|
| AS SHOWN | KSS | KSS |
| DATE: | DESIGN-DRAWN: | DRAWING-STATUS: |
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| P21-3484 | FIGURE 3.34 | 1 |

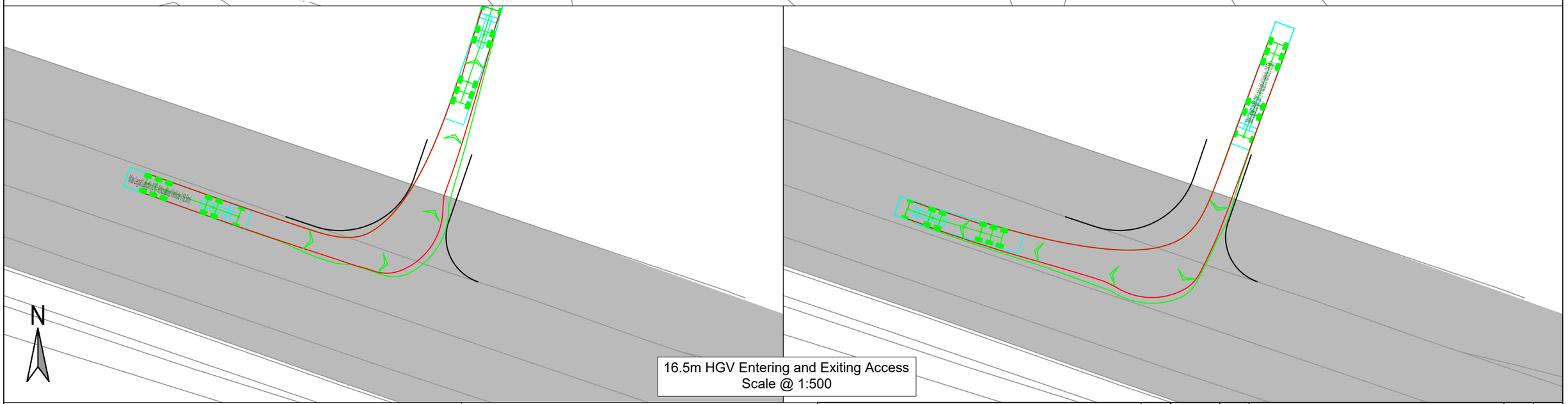
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# Figure 3.35 Proposed Access Arrangements – Access Ai



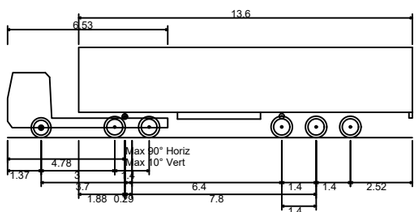

Existing Access Arrangement and Visibility Splays Scale @ 1:1,250



16.5m HGV Entering and Exiting Access
Scale @ 1:500

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION Ai

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|---|---|---|
| AS SHOWN | KSS | KSS |
| DATE: | DESIGN-DRAWN: | DRAWING-STATUS: |
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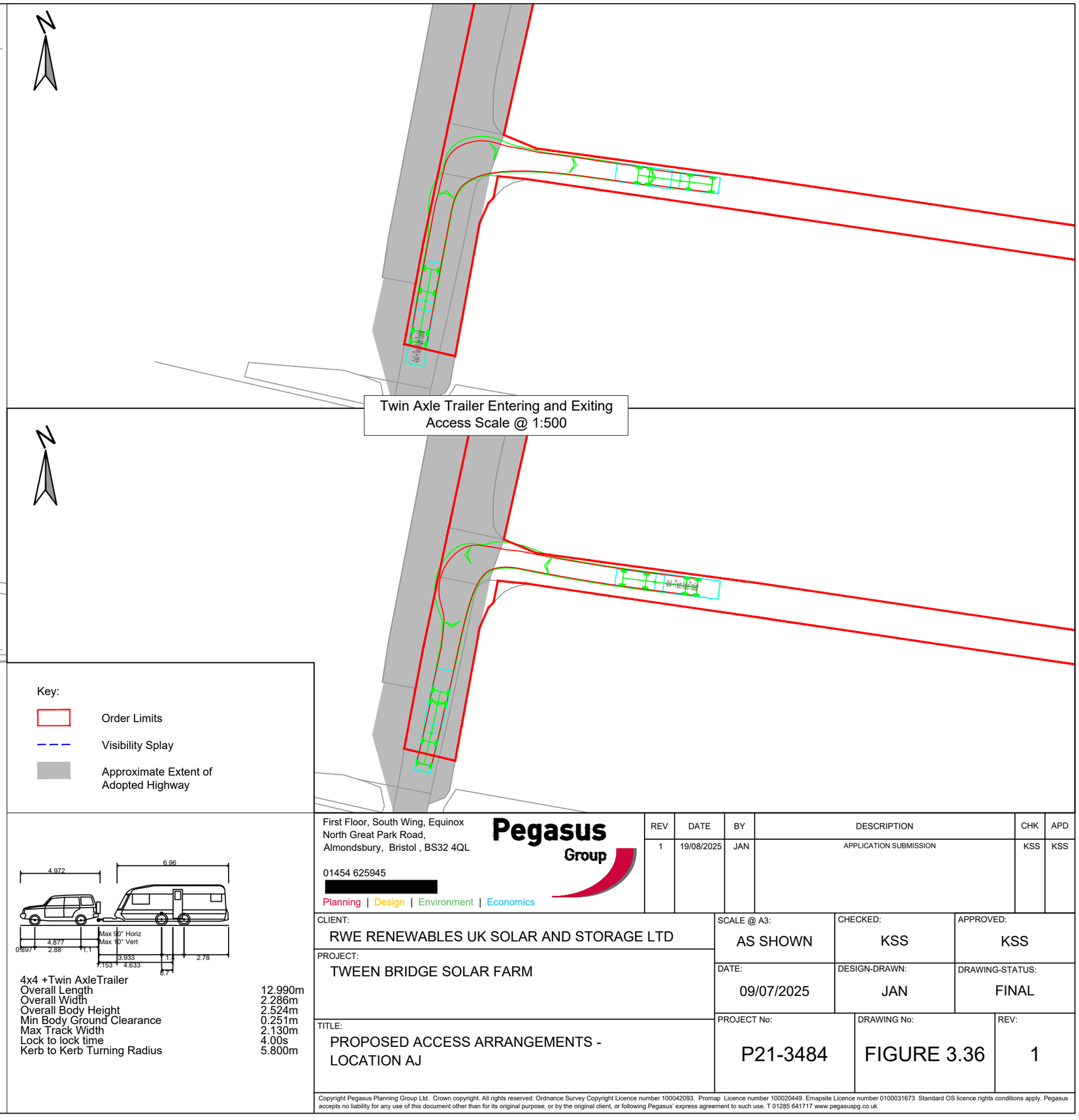
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|---|---|---|
| P21-3484 | FIGURE 3.35 | 1 |

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# Figure 3.36 Proposed Access Arrangements – Access AJ




Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




| | |
|---|---|
| 4x4 +Twin AxleTrailer | |
| Overall Length | 12.990m |
| Overall Width | 2.286m |
| Overall Body Height | 2.524m |
| Min Body Ground Clearance | 0.251m |
| Max Track Width | 2.130m |
| Lock to lock time | 4.00s |
| Kerb to Kerb Turning Radius | 5.800m |

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PROJECT: TWEEN BRIDGE SOLAR FARM

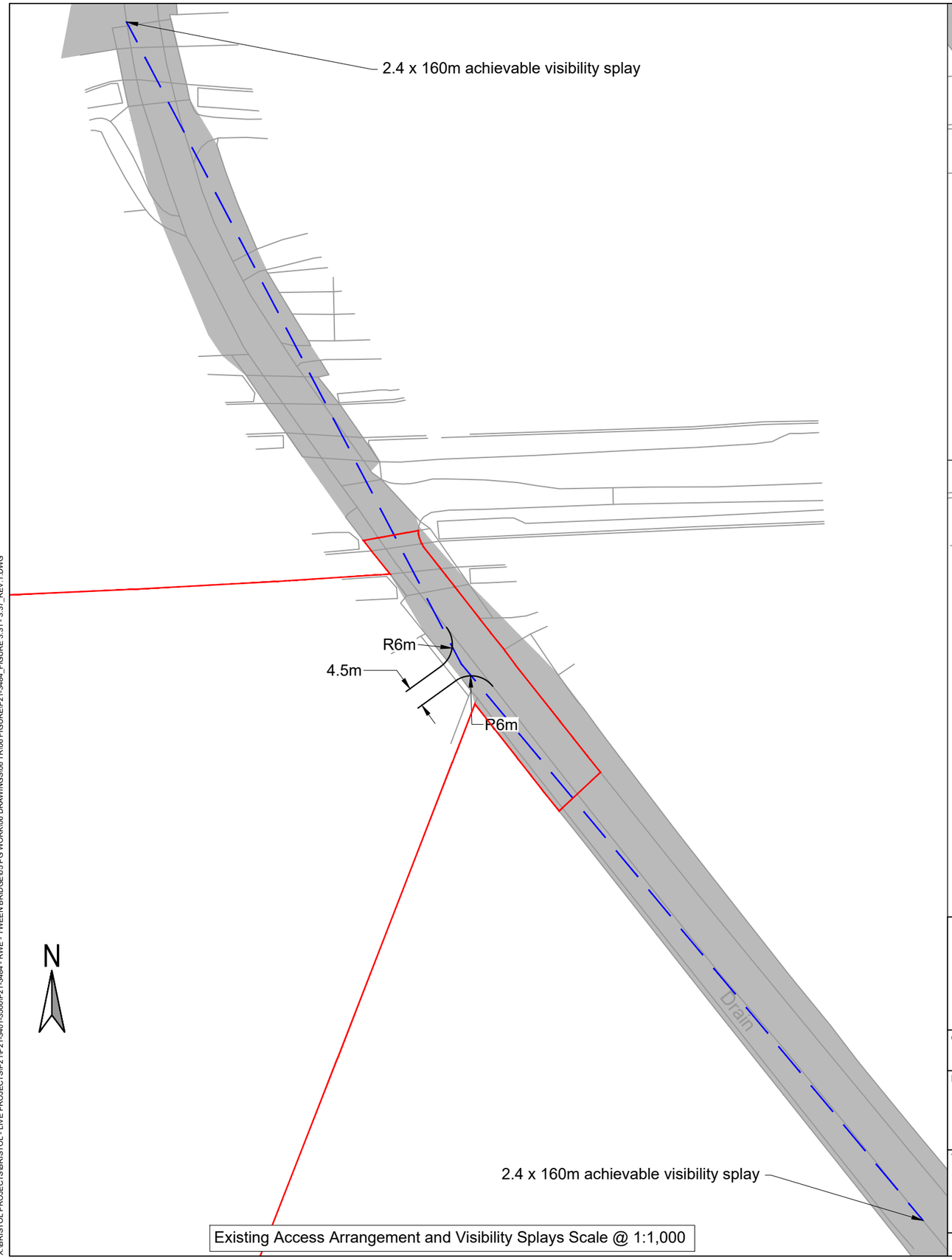
TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION AJ

| SCALE @ A3: | CHECKED: | APPROVED: |
|---|---|---|
| AS SHOWN | KSS | KSS |
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| PROJECT No: | DRAWING No: | REV: |
| P21-3484 | FIGURE 3.36 | 1 |

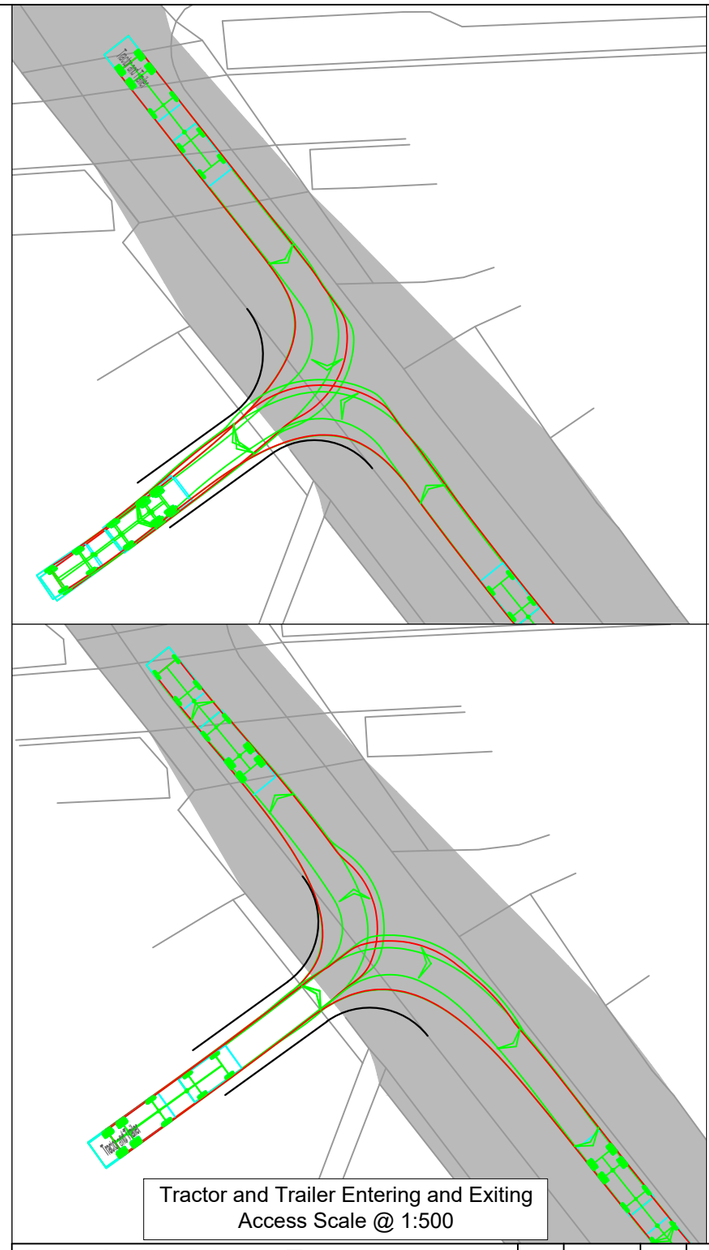
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# Figure 3.37 Proposed Access Arrangements – Access AK



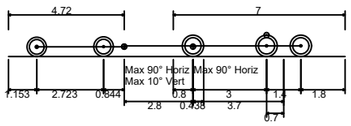

Existing Access Arrangement and Visibility Splays Scale @ 1:1,000



Tractor and Trailer Entering and Exiting Access Scale @ 1:500

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




| Tractor and Trailer | |
|---|---|
| Overall Length | 13.720m |
| Overall Width | 2.500m |
| Overall Body Height | 0.438m |
| Min Body Ground Clearance | 0.398m |
| Max Track Width | 2.500m |
| Lock to lock time | 4.00s |
| Kerb to Kerb Turning Radius | 4.620m |

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PROJECT: TWEEN BRIDGE SOLAR FARM

TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION AK

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|---|---|---|
| AS SHOWN | ADWS | KSS |
| **DATE:** | **DESIGN-DRAWN:** | **DRAWING-STATUS:** |
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| **PROJECT No:** | **DRAWING No:** | **REV:** |
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# Figure 4.1 Construction Traffic Route Plan to Land Areas

N

East Riding of Yorkshire

Doncaster

North Lincolnshire

North Common Road

A614

Marshland Road

M18 Junction 6

Coulman Street

Thorne

Moor Edges Road

Cross Street

Marsh Road

Crowle

A161

A18 High Levels Bank

M180 Junction 1

M18 Junction 5

A18 Tudworth Road

Sandtoft Road

Low Levels Bank

High Levels Bank

A18

A161

A18

M180 Junction 2

Key:

- Order Limits
- Local Authority Boundaries
- Construction Route to Land Parcel A
- Construction Route to Land Parcel B
- Construction Route to Land Parcel C
- Construction Route to Land Parcel D
- Construction Route to Land Parcel E


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| CLIENT: RWE RENEWABLES UK SOLAR AND STORAGE LTD | SCALE @ A2: NTS | CHECKED: LT | APPROVED: KSS |
| PROJECT: TWEEN BRIDGE SOLAR FARM | DATE: 19/08/2025 | DESIGN-DRAWN: JAN | DRAWING-STATUS: FINAL |
| TITLE: CONSTRUCTION TRAFFIC ROUTE PLAN TO LAND PARCELS | PROJECT No: P21-3484 | DRAWING No: FIGURE 4.1 | REV: 1 |


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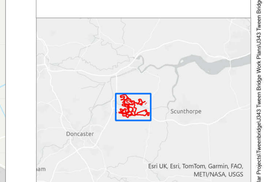

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# Appendix A – Order Limits

# Tween Bridge Solar Farm

**LEGEND**

OrderLimits_Rev_AJ




## Site Location Plan - Rev AJ

0 155 310 620 Metres

| | | |
|---|---|---|
| Coordinate System: British National Grid<br>Projection: Transverse Mercator<br>Datum: OSGB 1936 | | © Crown copyright and database rights 2025. Ordnance Survey AC0000808122 |
| Scale: 1:10,000 | Paper Size: A0 | DCO Application |

RWE

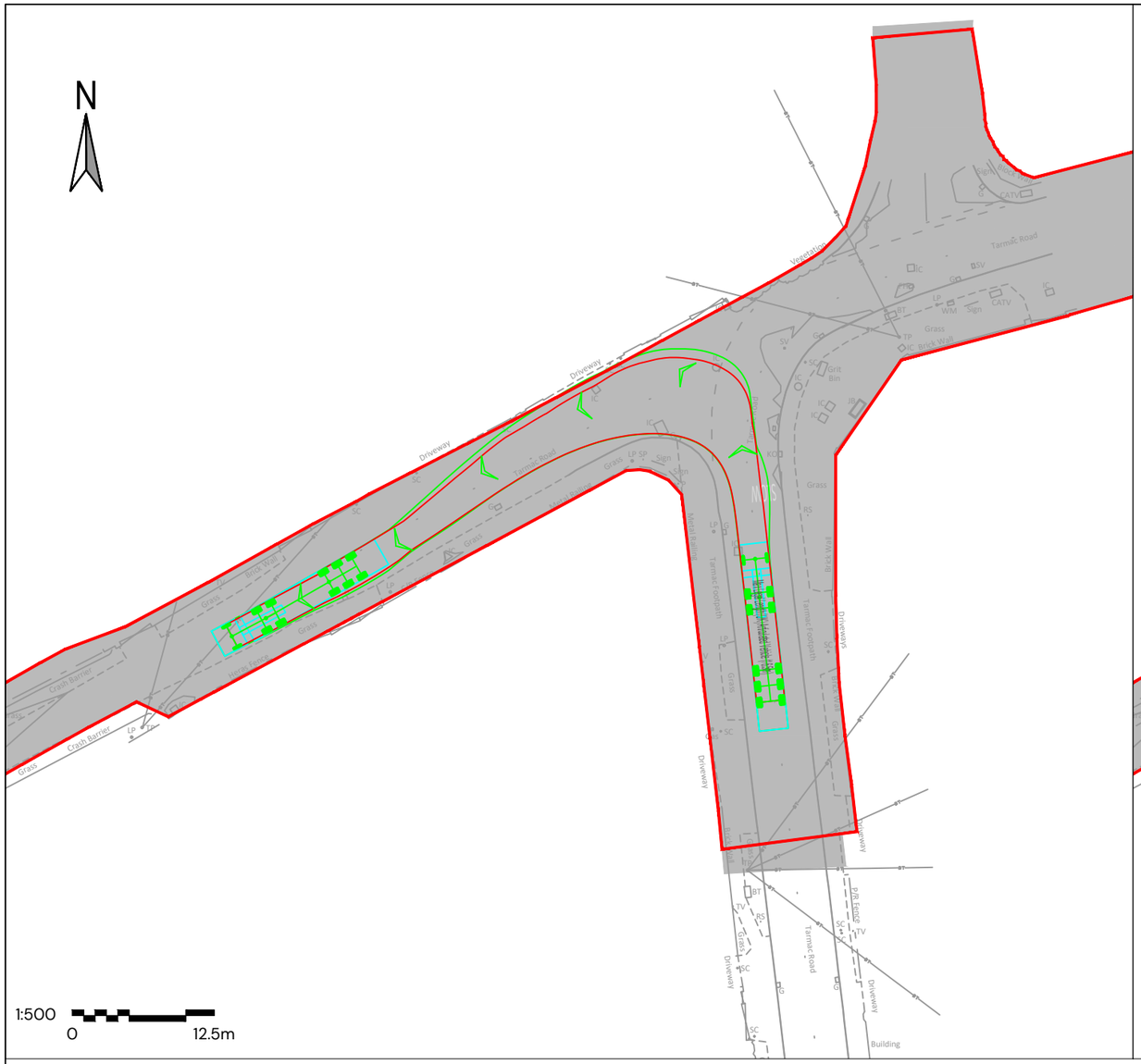
| | | | |
|---|---|---|---|
| | | | Revision: 1 |
| | | | Drawing Status: Final |
| Drawn: EH | Checked: AD | Approved: MB | Date: 20/08/2025 |

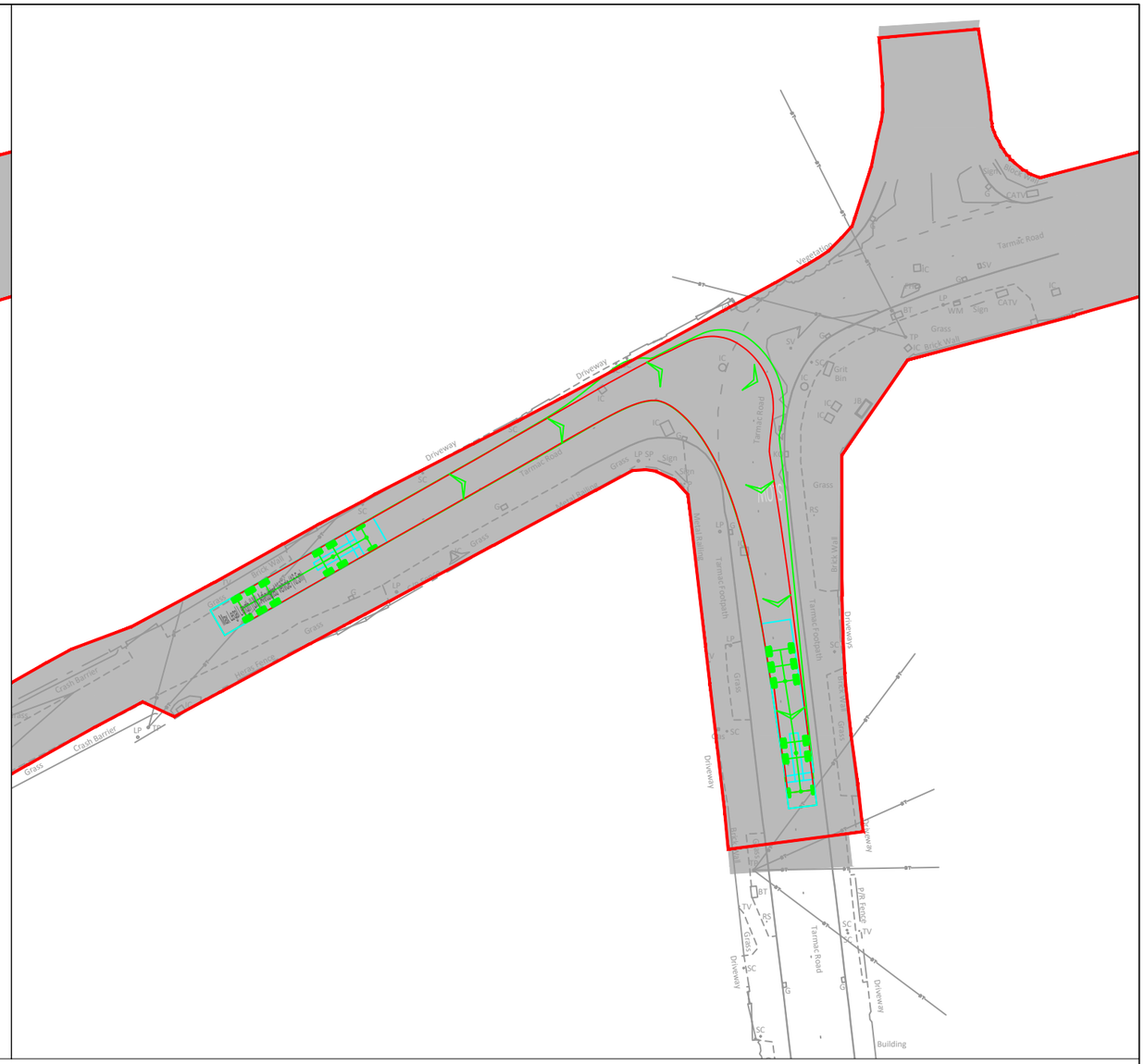
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0 320 640 1,280 Metres

Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, GeoTechnologies, Inc, METI/NASA, USGS

# Appendix B – Swept Path Assessments (Godnow Road, Windsor Road and Marsh Road)

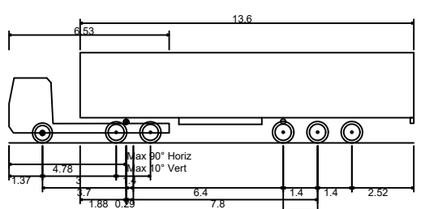



Swept Path Analysis of a 16.5m Articulated Vehicle Navigating Location T

Key:

- Order Limits
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

First Floor, South Wing, Equinox
North Great Park Road,
Almondsbury, Bristol , BS32 4QL

01454 625945
[redacted]

Planning | Design | Environment | Economics

| REV | DATE | BY | DESCRIPTION | CHK | APD |
|---|---|---|---|---|---|
| 1 | 19/08/2025 | JAN | APPLICATION SUBMISSION | KSS | KSS |

CLIENT: RWE RENEWABLES UK SOLAR AND STORAGE LTD

PROJECT: TWEEN BRIDGE SOLAR FARM

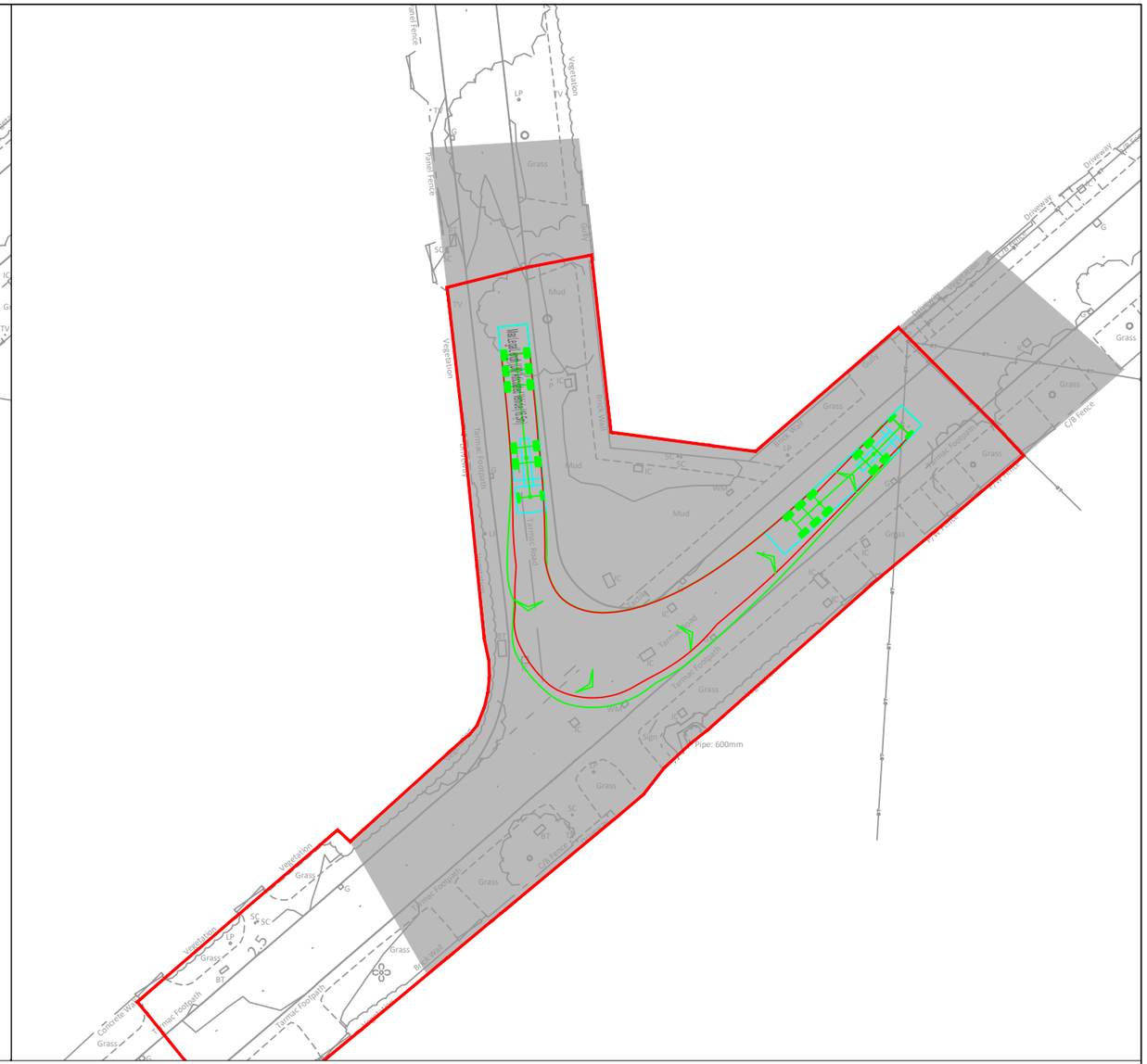
TITLE: LOCATION T - MARSH ROAD / WINDSOR ROAD JUNCITON

| SCALE @ A3: | CHECKED: | APPROVED: |
|---|---|---|
| 1:500 | ADWS | KS |
| DATE: | DESIGN-DRAWN: | DRAWING-STATUS: |
| 09/07/2025 | LT | FINAL |
| PROJECT No: | DRAWING No: | REV: |
| P21-3484 | FIGURE 3.21 | 1 |

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X:\BRISTOL PROJECTS\BRISTOL - LIVE PROJECTS\P21\P21-3401-3500\P21-3484 - RWE - TWEEN BRIDGE\05 PG WORK\06 DRAWINGS\06 TR\06 FIGURE\P21-3484_FIGURE 3.21 - 3.30_REV-1.DWG

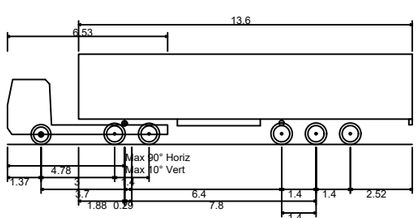



Swept Path Analysis of a 16.5m Articulated Vehicle Navigating Location U

Key:

- Order Limits
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

First Floor, South Wing, Equinox
North Great Park Road,
Almondsbury, Bristol , BS32 4QL

01454 625945
[redacted]

Planning | Design | Environment | Economics

| REV | DATE | BY | DESCRIPTION | CHK | APD |
|---|---|---|---|---|---|
| 1 | 19/08/2025 | JAN | APPLICATION SUBMISSION | KSS | KSS |

CLIENT: RWE RENEWABLES UK SOLAR AND STORAGE LTD

PROJECT: TWEEN BRIDGE SOLAR FARM

TITLE: LOCATION U - WINDSOR ROAD / GODNOW ROAD JUNCTION

| SCALE @ A3: | CHECKED: | APPROVED: |
|---|---|---|
| 1:500 | ADWS | KS |
| DATE: | DESIGN-DRAWN: | DRAWING-STATUS: |
| 09/07/2025 | LT | FINAL |
| PROJECT No: | DRAWING No: | REV: |
| P21-3484 | FIGURE 3.22 | 1 |

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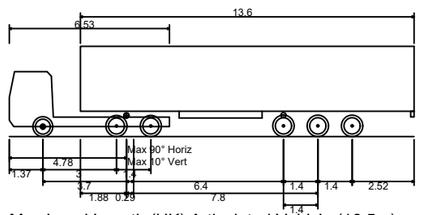
X:\BRISTOL PROJECTS\BRISTOL - LIVE PROJECTS\P21\P21-3401-3500\P21-3484 - RWE - TWEEN BRIDGE\05 PG WORK\06 DRAWINGS\06 TR\06 FIGURE\P21-3484_FIGURE 3.21 - 3.30_REV-1.DWG




Swept Path Analysis of a 16.5m Articulated Vehicle Navigating Location V

Key:

- Order Limits
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

First Floor, South Wing, Equinox
North Great Park Road,
Almondsbury, Bristol , BS32 4QL

01454 625945
[redacted]

Planning | Design | Environment | Economics

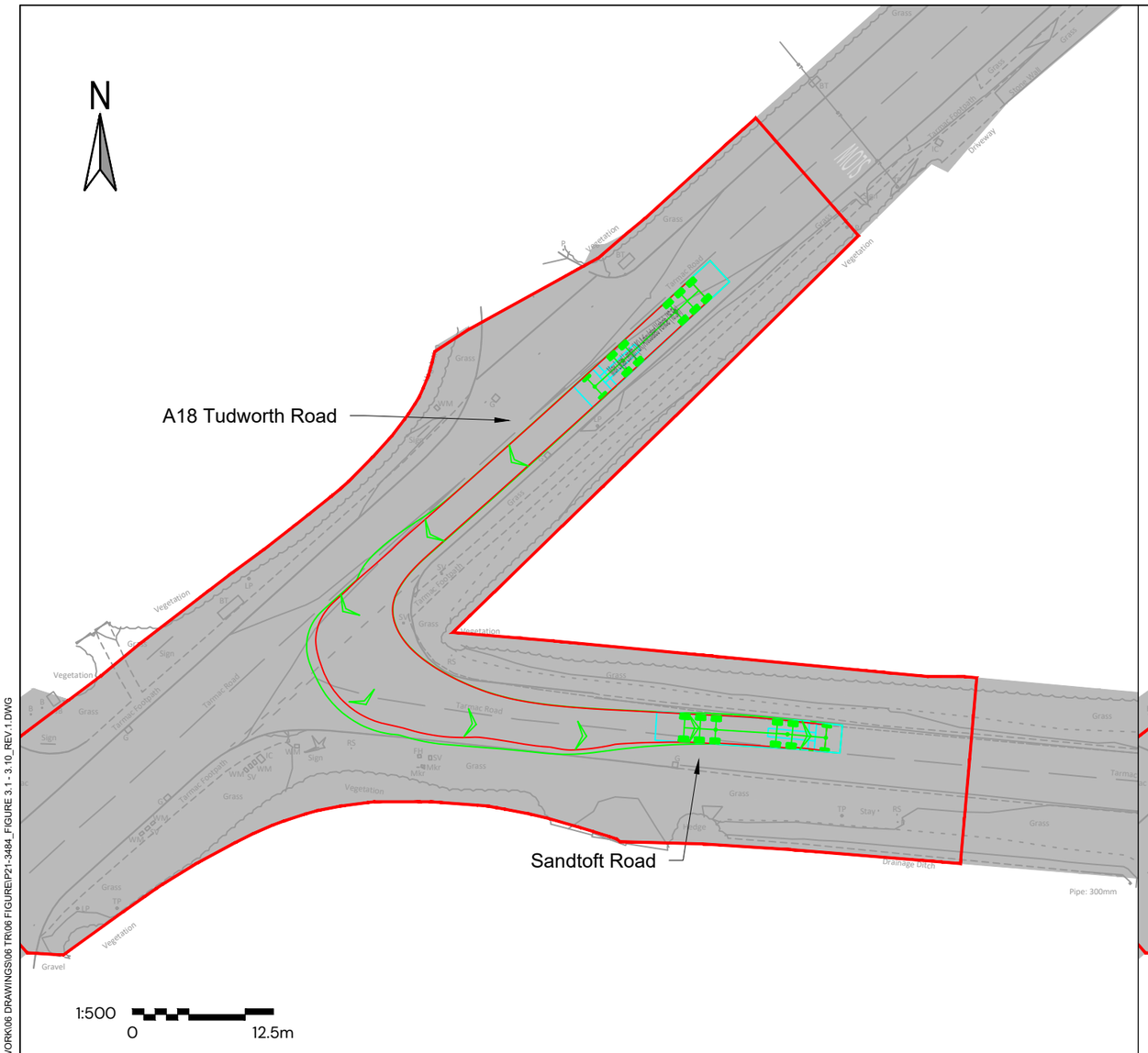
| REV | DATE | BY | DESCRIPTION | CHK | APD |
|---|---|---|---|---|---|
| 1 | 19/08/2025 | JAN | APPLICATION SUBMISSION | KSS | KSS |

| | | |
|---|---|---|
| CLIENT: RWE RENEWABLES UK SOLAR AND STORAGE LTD | SCALE @ A3: 1:500 | CHECKED: ADWS | APPROVED: KS |
| PROJECT: TWEEN BRIDGE SOLAR FARM | DATE: 09/07/2025 | DESIGN-DRAWN: LT | DRAWING-STATUS: FINAL |
| TITLE: LOCATION V - GODNOW ROAD / A161 JUNCTION | PROJECT No: P21-3484 | DRAWING No: FIGURE 3.23 | REV: 1 |

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X:\BRISTOL PROJECTS\BRISTOL - LIVE PROJECTS\P21\P21-3401-3500\P21-3484 - RWE - TWEEN BRIDGE\05 PG WORK\06 DRAWINGS\06 TR\06 FIGURE\P21-3484_FIGURE 3.21 - 3.30_REV-1.DWG

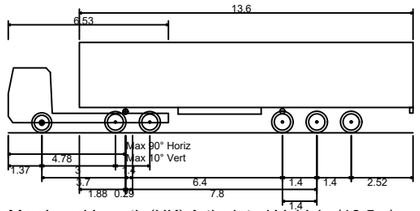
# Appendix C – Swept Path Assessments (A189 Tudworth Road / Sandtoft Road)







# Swept Path Analysis of a 16.5m Articulated Vehicle Entering and Egressing Location G




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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Almondsbury, Bristol , BS32 4QL

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[redacted]

Planning | Design | Environment | Economics

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| REV | DATE | BY | DESCRIPTION | CHK | APD |
|---|---|---|---|---|---|
| 1 | 19/08/2025 | JAN | APPLICATION SUBMISSION | KSS | KSS |

CLIENT: RWE RENEWABLES UK SOLAR AND STORAGE LTD

PROJECT: TWEEN BRIDGE SOLAR FARM

TITLE: LOCATION G - A18, TUDWORTH ROAD / SANDTOFT ROAD JUNCTION

| SCALE @ A3: | CHECKED: | APPROVED: |
|---|---|---|
| 1:500 | ADWS | KS |
| DATE: | DESIGN-DRAWN: | DRAWING-STATUS: |
| 09/07/2025 | JAN | FINAL |
| PROJECT No: | DRAWING No: | REV: |
| P21-3484 | FIGURE 3.8 | 1 |

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# Appendix D – Temporary Signage




**1. Temporary Construction Traffic signage (Diagram 7301 'WORKS TRAFFIC' in the TSRGD)**

**Appendix C**

## Tween Bridge ATC 6, Moor Edges Road



**Direction: Eastbound**

| Hour Beginning | Tue 06/06/2023 | Wed 07/06/2023 | Thu 08/06/2023 | Fri 09/06/2023 | Sat 10/06/2023 | Sun 11/06/2023 | Mon 12/06/2023 | 5-Day Ave. | 7-Day Ave. |
|---|---|---|---|---|---|---|---|---|---|
| 00:00 | 1 | 2 | 0 | 0 | 3 | 1 | 0 | 1 | 1 |
| 01:00 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 1 | 1 | 0 | 2 | 0 | 2 | 2 | 1 | 1 |
| 05:00 | 9 | 12 | 12 | 11 | 4 | 1 | 6 | 10 | 8 |
| 06:00 | 16 | 12 | 9 | 12 | 7 | 4 | 15 | 13 | 11 |
| 07:00 | 29 | 28 | 39 | 33 | 10 | 5 | 35 | 33 | 26 |
| 08:00 | 44 | 38 | 41 | 35 | 34 | 15 | 37 | 39 | 35 |
| 09:00 | 32 | 22 | 25 | 30 | 32 | 21 | 26 | 27 | 27 |
| 10:00 | 28 | 23 | 41 | 18 | 23 | 19 | 31 | 28 | 26 |
| 11:00 | 20 | 24 | 27 | 24 | 35 | 23 | 32 | 25 | 26 |
| 12:00 | 29 | 25 | 25 | 26 | 27 | 21 | 23 | 26 | 25 |
| 13:00 | 30 | 33 | 38 | 30 | 26 | 16 | 40 | 34 | 30 |
| 14:00 | 21 | 34 | 44 | 39 | 22 | 14 | 23 | 32 | 28 |
| 15:00 | 28 | 32 | 38 | 39 | 28 | 16 | 38 | 35 | 31 |
| 16:00 | 37 | 33 | 25 | 44 | 19 | 16 | 29 | 34 | 29 |
| 17:00 | 32 | 28 | 27 | 27 | 21 | 33 | 28 | 28 | 28 |
| 18:00 | 14 | 23 | 21 | 20 | 17 | 19 | 11 | 18 | 18 |
| 19:00 | 19 | 13 | 20 | 13 | 15 | 7 | 23 | 18 | 16 |
| 20:00 | 6 | 10 | 10 | 17 | 13 | 9 | 6 | 10 | 10 |
| 21:00 | 9 | 6 | 9 | 14 | 5 | 2 | 8 | 9 | 8 |
| 22:00 | 4 | 3 | 1 | 5 | 4 | 3 | 3 | 3 | 3 |
| 23:00 | 0 | 1 | 2 | 1 | 5 | 1 | 2 | 1 | 2 |
| Total | | | | | | | | | |
| 12H(7-19) | 344 | 343 | 391 | 365 | 294 | 218 | 353 | 359 | 330 |
| 16H(6-22) | 394 | 384 | 439 | 421 | 334 | 240 | 405 | 409 | 374 |
| 18H(6-24) | 398 | 388 | 442 | 427 | 343 | 244 | 410 | 413 | 379 |
| 24H(0-24) | 409 | 403 | 454 | 441 | 351 | 249 | 418 | 425 | 389 |
| AM Peak | 08:00 | 08:00 | 08:00 | 08:00 | 11:00 | 11:00 | 08:00 | 08:00 | 08:00 |
| | 44 | 38 | 41 | 35 | 35 | 23 | 37 | 39 | 35 |
| PM Peak | 16:00 | 14:00 | 14:00 | 16:00 | 15:00 | 17:00 | 13:00 | 15:00 | 15:00 |
| | 37 | 34 | 44 | 44 | 28 | 33 | 40 | 35 | 31 |

Paul Castle Associates

**Direction: Westbound**

| Hour Beginning | Tue 06/06/2023 | Wed 07/06/2023 | Thu 08/06/2023 | Fri 09/06/2023 | Sat 10/06/2023 | Sun 11/06/2023 | Mon 12/06/2023 | 5-Day Ave. | 7-Day Ave. |
|---|---|---|---|---|---|---|---|---|---|
| 00:00 | 1 | 0 | 1 | 0 | 4 | 1 | 2 | 1 | 1 |
| 01:00 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 |
| 02:00 | 0 | 2 | 0 | 0 | 1 | 0 | 1 | 1 | 1 |
| 03:00 | 1 | 0 | 2 | 1 | 3 | 5 | 0 | 1 | 2 |
| 04:00 | 1 | 1 | 1 | 1 | 1 | 0 | 3 | 1 | 1 |
| 05:00 | 8 | 11 | 13 | 12 | 0 | 0 | 4 | 10 | 7 |
| 06:00 | 12 | 11 | 11 | 14 | 2 | 2 | 14 | 12 | 9 |
| 07:00 | 23 | 22 | 18 | 29 | 37 | 15 | 19 | 22 | 23 |
| 08:00 | 37 | 41 | 47 | 36 | 36 | 21 | 50 | 42 | 38 |
| 09:00 | 30 | 34 | 35 | 23 | 23 | 10 | 37 | 32 | 27 |
| 10:00 | 35 | 27 | 28 | 28 | 38 | 17 | 30 | 30 | 29 |
| 11:00 | 30 | 24 | 32 | 32 | 29 | 35 | 29 | 29 | 30 |
| 12:00 | 41 | 32 | 29 | 39 | 35 | 29 | 33 | 35 | 34 |
| 13:00 | 25 | 32 | 28 | 28 | 24 | 24 | 37 | 30 | 28 |
| 14:00 | 40 | 33 | 48 | 44 | 38 | 20 | 42 | 41 | 38 |
| 15:00 | 45 | 38 | 32 | 60 | 27 | 24 | 32 | 41 | 37 |
| 16:00 | 43 | 54 | 50 | 44 | 21 | 21 | 50 | 48 | 40 |
| 17:00 | 38 | 31 | 36 | 52 | 20 | 30 | 42 | 40 | 36 |
| 18:00 | 31 | 33 | 39 | 37 | 24 | 23 | 29 | 34 | 31 |
| 19:00 | 15 | 15 | 17 | 21 | 20 | 16 | 22 | 18 | 18 |
| 20:00 | 8 | 12 | 5 | 9 | 5 | 5 | 8 | 8 | 7 |
| 21:00 | 4 | 1 | 8 | 12 | 9 | 5 | 10 | 7 | 7 |
| 22:00 | 2 | 3 | 1 | 5 | 4 | 5 | 4 | 3 | 3 |
| 23:00 | 1 | 0 | 2 | 1 | 2 | 1 | 0 | 1 | 1 |
| Total | | | | | | | | | |
| 12H(7-19) | 418 | 401 | 422 | 452 | 352 | 269 | 430 | 425 | 392 |
| 16H(6-22) | 457 | 440 | 463 | 508 | 388 | 297 | 484 | 470 | 434 |
| 18H(6-24) | 460 | 443 | 466 | 514 | 394 | 303 | 488 | 474 | 438 |
| 24H(0-24) | 472 | 458 | 484 | 528 | 403 | 310 | 498 | 488 | 450 |
| AM Peak | 08:00 | 08:00 | 08:00 | 08:00 | 10:00 | 11:00 | 08:00 | 08:00 | 08:00 |
| | 37 | 41 | 47 | 36 | 38 | 35 | 50 | 42 | 38 |
| PM Peak | 15:00 | 16:00 | 16:00 | 15:00 | 14:00 | 17:00 | 16:00 | 16:00 | 16:00 |
| | 45 | 54 | 50 | 60 | 38 | 30 | 50 | 48 | 40 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Tue 06/06/2023 | Wed 07/06/2023 | Thu 08/06/2023 | Fri 09/06/2023 | Sat 10/06/2023 | Sun 11/06/2023 | Mon 12/06/2023 | 5-Day Ave. | 7-Day Ave. |
|---|---|---|---|---|---|---|---|---|---|
| 00:00 | 2 | 2 | 1 | 0 | 7 | 2 | 2 | 1 | 2 |
| 01:00 | 1 | 1 | 1 | 1 | 0 | 2 | 0 | 1 | 1 |
| 02:00 | 0 | 2 | 0 | 0 | 2 | 0 | 1 | 1 | 1 |
| 03:00 | 1 | 0 | 2 | 1 | 3 | 5 | 0 | 1 | 2 |
| 04:00 | 2 | 2 | 1 | 3 | 1 | 2 | 5 | 3 | 2 |
| 05:00 | 17 | 23 | 25 | 23 | 4 | 1 | 10 | 20 | 15 |
| 06:00 | 28 | 23 | 20 | 26 | 9 | 6 | 29 | 25 | 20 |
| 07:00 | 52 | 50 | 57 | 62 | 47 | 20 | 54 | 55 | 49 |
| 08:00 | 81 | 79 | 88 | 71 | 70 | 36 | 87 | 81 | 73 |
| 09:00 | 62 | 56 | 60 | 53 | 55 | 31 | 63 | 59 | 54 |
| 10:00 | 63 | 50 | 69 | 46 | 61 | 36 | 61 | 58 | 55 |
| 11:00 | 50 | 48 | 59 | 56 | 64 | 58 | 61 | 55 | 57 |
| 12:00 | 70 | 57 | 54 | 65 | 62 | 50 | 56 | 60 | 59 |
| 13:00 | 55 | 65 | 66 | 58 | 50 | 40 | 77 | 64 | 59 |
| 14:00 | 61 | 67 | 92 | 83 | 60 | 34 | 65 | 74 | 66 |
| 15:00 | 73 | 70 | 70 | 99 | 55 | 40 | 70 | 76 | 68 |
| 16:00 | 80 | 87 | 75 | 88 | 40 | 37 | 79 | 82 | 69 |
| 17:00 | 70 | 59 | 63 | 79 | 41 | 63 | 70 | 68 | 64 |
| 18:00 | 45 | 56 | 60 | 57 | 41 | 42 | 40 | 52 | 49 |
| 19:00 | 34 | 28 | 37 | 34 | 35 | 23 | 45 | 36 | 34 |
| 20:00 | 14 | 22 | 15 | 26 | 18 | 14 | 14 | 18 | 18 |
| 21:00 | 13 | 7 | 17 | 26 | 14 | 7 | 18 | 16 | 15 |
| 22:00 | 6 | 6 | 2 | 10 | 8 | 8 | 7 | 6 | 7 |
| 23:00 | 1 | 1 | 4 | 2 | 7 | 2 | 2 | 2 | 3 |
| Total | | | | | | | | | |
| 12H(7-19) | 762 | 744 | 813 | 817 | 646 | 487 | 783 | 784 | 722 |
| 16H(6-22) | 851 | 824 | 902 | 929 | 722 | 537 | 889 | 879 | 808 |
| 18H(6-24) | 858 | 831 | 908 | 941 | 737 | 547 | 898 | 887 | 817 |
| 24H(0-24) | 881 | 861 | 938 | 969 | 754 | 559 | 916 | 913 | 840 |
| AM Peak | 08:00 | 08:00 | 08:00 | 08:00 | 08:00 | 11:00 | 08:00 | 08:00 | 08:00 |
| | 81 | 79 | 88 | 71 | 70 | 58 | 87 | 81 | 73 |
| PM Peak | 16:00 | 16:00 | 14:00 | 15:00 | 12:00 | 17:00 | 16:00 | 16:00 | 16:00 |
| | 80 | 87 | 92 | 99 | 62 | 63 | 79 | 82 | 69 |

Paul Castle Associates

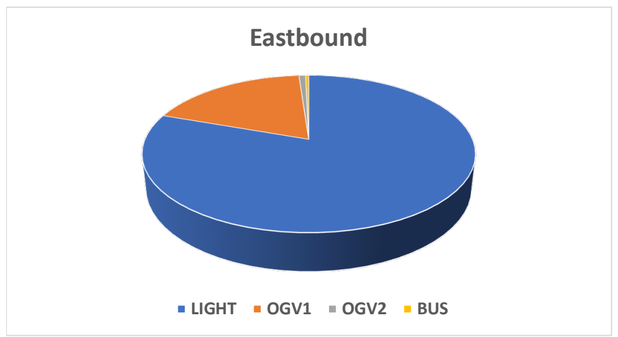
## Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 409 | 323 | 83 | 1 | 2 |
| Wed 7 Jun 2023 | 403 | 323 | 77 | 1 | 2 |
| Thu 8 Jun 2023 | 454 | 364 | 84 | 4 | 2 |
| Fri 9 Jun 2023 | 441 | 347 | 85 | 8 | 1 |
| Sat 10 Jun 2023 | 351 | 296 | 53 | 1 | 1 |
| Sun 11 Jun 2023 | 249 | 218 | 31 | 0 | 0 |
| Mon 12 Jun 2023 | 418 | 319 | 91 | 6 | 2 |
| 5 Day Ave. | 425 | 335 | 84 | 4 | 2 |
| 7 Day Ave. | 389 | 313 | 72 | 3 | 1 |

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 100.0% | 79.0% | 20.3% | 0.2% | 0.5% |
| Wed 7 Jun 2023 | 100.0% | 80.1% | 19.1% | 0.2% | 0.5% |
| Thu 8 Jun 2023 | 100.0% | 80.2% | 18.5% | 0.9% | 0.4% |
| Fri 9 Jun 2023 | 100.0% | 78.7% | 19.3% | 1.8% | 0.2% |
| Sat 10 Jun 2023 | 100.0% | 84.3% | 15.1% | 0.3% | 0.3% |
| Sun 11 Jun 2023 | 100.0% | 87.6% | 12.4% | 0.0% | 0.0% |
| Mon 12 Jun 2023 | 100.0% | 76.3% | 21.8% | 1.4% | 0.5% |
| 5 Day Ave. | 100.0% | 78.9% | 19.8% | 0.9% | 0.4% |
| 7 Day Ave. | 100.0% | 80.4% | 18.5% | 0.8% | 0.4% |

Paul Castle Associates

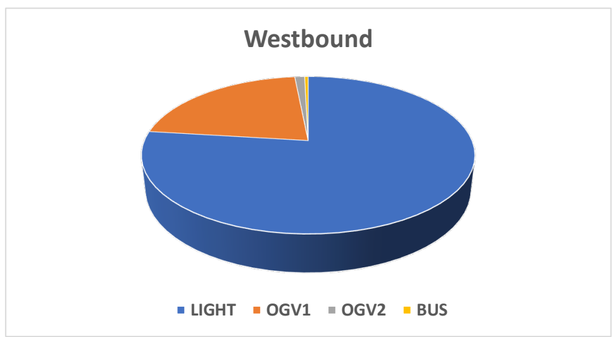



**Direction: Westbound**

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 472 | 344 | 122 | 3 | 3 |
| Wed 7 Jun 2023 | 458 | 355 | 94 | 7 | 2 |
| Thu 8 Jun 2023 | 484 | 365 | 108 | 7 | 4 |
| Fri 9 Jun 2023 | 528 | 400 | 118 | 9 | 1 |
| Sat 10 Jun 2023 | 403 | 330 | 72 | 1 | 0 |
| Sun 11 Jun 2023 | 310 | 263 | 43 | 2 | 2 |
| Mon 12 Jun 2023 | 498 | 369 | 121 | 7 | 1 |
| 5 Day Ave. | 488 | 367 | 113 | 7 | 2 |
| 7 Day Ave. | 450 | 347 | 97 | 5 | 2 |

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 100.0% | 72.9% | 25.8% | 0.6% | 0.6% |
| Wed 7 Jun 2023 | 100.0% | 77.5% | 20.5% | 1.5% | 0.4% |
| Thu 8 Jun 2023 | 100.0% | 75.4% | 22.3% | 1.4% | 0.8% |
| Fri 9 Jun 2023 | 100.0% | 75.8% | 22.3% | 1.7% | 0.2% |
| Sat 10 Jun 2023 | 100.0% | 81.9% | 17.9% | 0.2% | 0.0% |
| Sun 11 Jun 2023 | 100.0% | 84.8% | 13.9% | 0.6% | 0.6% |
| Mon 12 Jun 2023 | 100.0% | 74.1% | 24.3% | 1.4% | 0.2% |
| 5 Day Ave. | 100.0% | 75.1% | 23.1% | 1.4% | 0.5% |
| 7 Day Ave. | 100.0% | 76.9% | 21.5% | 1.1% | 0.4% |

Paul Castle Associates

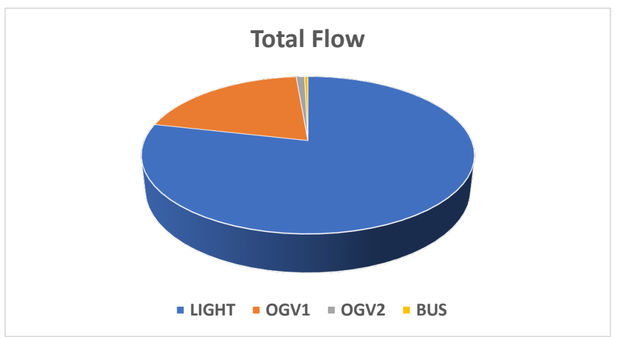



**Direction: Total Flow**

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 881 | 667 | 205 | 4 | 5 |
| Wed 7 Jun 2023 | 861 | 678 | 171 | 8 | 4 |
| Thu 8 Jun 2023 | 938 | 729 | 192 | 11 | 6 |
| Fri 9 Jun 2023 | 969 | 747 | 203 | 17 | 2 |
| Sat 10 Jun 2023 | 754 | 626 | 125 | 2 | 1 |
| Sun 11 Jun 2023 | 559 | 481 | 74 | 2 | 2 |
| Mon 12 Jun 2023 | 916 | 688 | 212 | 13 | 3 |
| 5 Day Ave. | 913 | 702 | 197 | 11 | 4 |
| 7 Day Ave. | 840 | 659 | 169 | 8 | 3 |

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 100.0% | 75.7% | 23.3% | 0.5% | 0.6% |
| Wed 7 Jun 2023 | 100.0% | 78.7% | 19.9% | 0.9% | 0.5% |
| Thu 8 Jun 2023 | 100.0% | 77.7% | 20.5% | 1.2% | 0.6% |
| Fri 9 Jun 2023 | 100.0% | 77.1% | 20.9% | 1.8% | 0.2% |
| Sat 10 Jun 2023 | 100.0% | 83.0% | 16.6% | 0.3% | 0.1% |
| Sun 11 Jun 2023 | 100.0% | 86.0% | 13.2% | 0.4% | 0.4% |
| Mon 12 Jun 2023 | 100.0% | 75.1% | 23.1% | 1.4% | 0.3% |
| 5 Day Ave. | 100.0% | 76.9% | 21.5% | 1.2% | 0.4% |
| 7 Day Ave. | 100.0% | 78.5% | 20.1% | 1.0% | 0.4% |

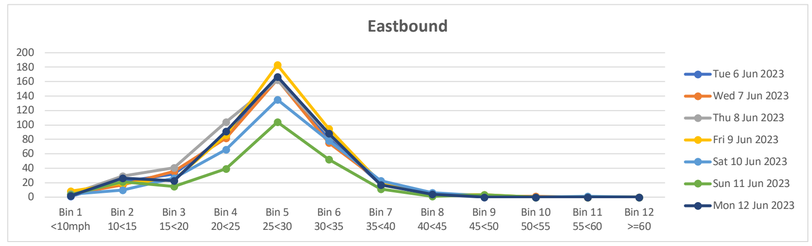
Paul Castle Associates



## Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

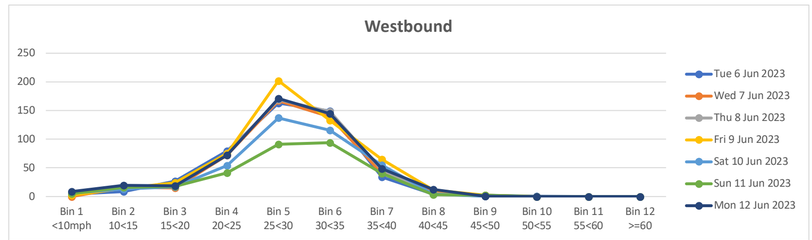
| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 409 | 32.8 | 26.5 | 6.1 | 1 | 21 | 32 | 85 | 165 | 82 | 18 | 4 | 1 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 403 | 33.0 | 26.4 | 6.4 | 4 | 17 | 36 | 82 | 163 | 75 | 21 | 3 | 1 | 1 | 0 | 0 |
| Thu 8 Jun 2023 | 454 | 32.8 | 26.0 | 6.6 | 4 | 29 | 41 | 104 | 162 | 87 | 21 | 4 | 2 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 441 | 33.4 | 26.8 | 6.4 | 8 | 19 | 24 | 86 | 183 | 95 | 19 | 4 | 3 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 351 | 34.2 | 27.4 | 6.6 | 4 | 10 | 26 | 66 | 135 | 78 | 23 | 6 | 2 | 0 | 1 | 0 |
| Sun 11 Jun 2023 | 249 | 33.6 | 26.4 | 6.9 | 3 | 21 | 15 | 39 | 104 | 52 | 11 | 1 | 3 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 418 | 32.8 | 26.4 | 6.1 | 2 | 26 | 23 | 91 | 167 | 88 | 17 | 4 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 425 | 33.0 | 26.4 | 6.3 | 4 | 22 | 31 | 90 | 168 | 85 | 19 | 4 | 1 | 0 | 0 | 0 |
| 7 Day Ave. | 389 | 33.2 | 26.6 | 6.4 | 4 | 20 | 28 | 79 | 154 | 80 | 19 | 4 | 2 | 0 | 0 | 0 |




Paul Castle Associates

**Direction: Westbound**

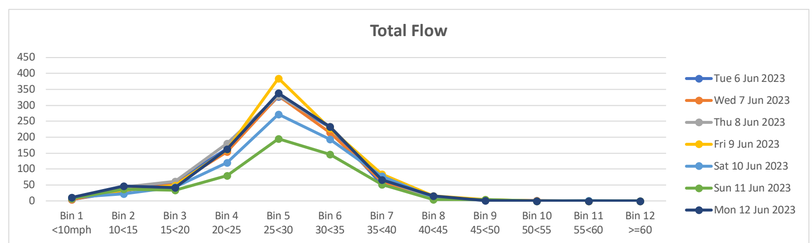
| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 472 | 34.5 | 28.2 | 6.1 | 4 | 9 | 27 | 79 | 163 | 149 | 34 | 4 | 2 | 1 | 0 | 0 |
| Wed 7 Jun 2023 | 458 | 34.7 | 28.6 | 5.9 | 0 | 16 | 15 | 72 | 167 | 139 | 40 | 8 | 1 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 484 | 34.7 | 28.4 | 6.1 | 3 | 15 | 20 | 76 | 169 | 148 | 47 | 5 | 1 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 528 | 35.2 | 28.7 | 6.2 | 2 | 14 | 24 | 75 | 202 | 133 | 65 | 11 | 2 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 403 | 35.5 | 28.6 | 6.6 | 6 | 13 | 17 | 54 | 137 | 116 | 55 | 4 | 1 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 310 | 35.7 | 28.3 | 7.2 | 5 | 16 | 18 | 41 | 91 | 94 | 40 | 3 | 2 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 498 | 35.3 | 28.3 | 6.8 | 9 | 20 | 19 | 72 | 171 | 145 | 49 | 12 | 1 | 0 | 0 | 0 |
| 5 Day Ave. | 488 | 34.9 | 28.4 | 6.2 | 4 | 15 | 21 | 75 | 174 | 143 | 47 | 8 | 1 | 0 | 0 | 0 |
| 7 Day Ave. | 450 | 35.1 | 28.4 | 6.4 | 4 | 15 | 20 | 67 | 157 | 132 | 47 | 7 | 1 | 0 | 0 | 0 |




Paul Castle Associates

**Direction: Total Flow**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 881 | 33.8 | 27.4 | 6.1 | 5 | 30 | 59 | 164 | 328 | 231 | 52 | 8 | 3 | 1 | 0 | 0 |
| Wed 7 Jun 2023 | 861 | 34.0 | 27.6 | 6.2 | 4 | 33 | 51 | 154 | 330 | 214 | 61 | 11 | 2 | 1 | 0 | 0 |
| Thu 8 Jun 2023 | 938 | 33.9 | 27.2 | 6.5 | 7 | 44 | 61 | 180 | 331 | 235 | 68 | 9 | 3 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 969 | 34.5 | 27.8 | 6.4 | 10 | 33 | 48 | 161 | 385 | 228 | 84 | 15 | 5 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 754 | 34.9 | 28.1 | 6.6 | 10 | 23 | 43 | 120 | 272 | 194 | 78 | 10 | 3 | 0 | 1 | 0 |
| Sun 11 Jun 2023 | 559 | 34.8 | 27.4 | 7.1 | 8 | 37 | 33 | 80 | 195 | 146 | 51 | 4 | 5 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 916 | 34.2 | 27.4 | 6.5 | 11 | 46 | 42 | 163 | 338 | 233 | 66 | 16 | 1 | 0 | 0 | 0 |
| 5 Day Ave. | 913 | 34.1 | 27.5 | 6.3 | 7 | 37 | 52 | 164 | 342 | 228 | 66 | 12 | 3 | 0 | 0 | 0 |
| 7 Day Ave. | 840 | 34.3 | 27.6 | 6.5 | 8 | 35 | 48 | 146 | 311 | 212 | 66 | 10 | 3 | 0 | 0 | 0 |




Paul Castle Associates

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 48 | 32.4 | 25.7 | 6.5 | 0 | 5 | 2 | 13 | 15 | 11 | 2 | 0 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 47 | 32.0 | 25.2 | 6.6 | 0 | 6 | 1 | 12 | 22 | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 68 | 29.3 | 22.0 | 7.0 | 3 | 11 | 11 | 17 | 17 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 42 | 32.5 | 26.7 | 5.6 | 0 | 1 | 3 | 11 | 17 | 8 | 1 | 1 | 0 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 58 | 33.6 | 27.2 | 6.2 | 0 | 3 | 4 | 11 | 21 | 14 | 5 | 0 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 42 | 31.9 | 25.0 | 6.6 | 0 | 6 | 2 | 9 | 16 | 8 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 63 | 31.9 | 25.1 | 6.6 | 0 | 7 | 3 | 19 | 23 | 7 | 3 | 1 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 54 | 31.6 | 24.9 | 6.5 | 1 | 6 | 4 | 14 | 19 | 8 | 2 | 1 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 53 | 31.9 | 25.3 | 6.5 | 0 | 6 | 4 | 13 | 19 | 9 | 2 | 0 | 0 | 0 | 0 | 0 |

**Paul Castle Associates**

**Direction: Westbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 65 | 33.1 | 25.9 | 6.9 | 2 | 3 | 6 | 14 | 23 | 13 | 3 | 1 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 51 | 31.8 | 26.4 | 5.2 | 0 | 2 | 1 | 17 | 19 | 10 | 2 | 0 | 0 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 60 | 34.8 | 28.3 | 6.2 | 1 | 1 | 4 | 8 | 19 | 21 | 6 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 60 | 34.0 | 28.8 | 5.0 | 0 | 0 | 2 | 8 | 31 | 11 | 7 | 1 | 0 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 67 | 34.3 | 28.5 | 5.5 | 0 | 1 | 3 | 12 | 23 | 22 | 5 | 1 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 52 | 34.1 | 26.8 | 7.0 | 0 | 4 | 3 | 12 | 16 | 13 | 3 | 0 | 1 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 59 | 32.4 | 25.9 | 6.3 | 2 | 1 | 4 | 17 | 22 | 9 | 4 | 0 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 59 | 33.2 | 27.1 | 5.9 | 1 | 1 | 3 | 13 | 23 | 13 | 4 | 0 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 59 | 33.5 | 27.3 | 6.0 | 1 | 2 | 3 | 13 | 22 | 14 | 4 | 0 | 0 | 0 | 0 | 0 |

**Paul Castle Associates**

**Direction: Total Flow**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 113 | 32.8 | 25.8 | 6.7 | 2 | 8 | 8 | 27 | 38 | 24 | 5 | 1 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 98 | 31.9 | 25.8 | 5.9 | 0 | 8 | 2 | 29 | 41 | 13 | 4 | 1 | 0 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 128 | 32.6 | 25.0 | 7.4 | 4 | 12 | 15 | 25 | 36 | 30 | 6 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 102 | 33.5 | 27.9 | 5.4 | 0 | 1 | 5 | 19 | 48 | 19 | 8 | 2 | 0 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 125 | 34.0 | 27.9 | 5.9 | 0 | 4 | 7 | 23 | 44 | 36 | 10 | 1 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 94 | 33.1 | 26.0 | 6.9 | 0 | 10 | 5 | 21 | 32 | 21 | 4 | 0 | 1 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 122 | 32.2 | 25.5 | 6.4 | 2 | 8 | 7 | 36 | 45 | 16 | 7 | 1 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 113 | 32.6 | 26.0 | 6.4 | 2 | 7 | 7 | 27 | 42 | 20 | 6 | 1 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 112 | 32.9 | 26.3 | 6.4 | 1 | 7 | 7 | 26 | 41 | 23 | 6 | 1 | 0 | 0 | 0 | 0 |

**Paul Castle Associates**

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 49 | 32.6 | 26.9 | 5.6 | 0 | 1 | 3 | 11 | 25 | 6 | 1 | 2 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 66 | 32.5 | 25.5 | 6.7 | 0 | 3 | 10 | 15 | 27 | 8 | 1 | 1 | 0 | 1 | 0 | 0 |
| Thu 8 Jun 2023 | 82 | 34.3 | 27.4 | 6.6 | 0 | 4 | 6 | 12 | 35 | 20 | 2 | 1 | 2 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 78 | 34.3 | 27.0 | 7.0 | 1 | 5 | 5 | 14 | 27 | 19 | 6 | 0 | 1 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 50 | 35.6 | 27.4 | 7.9 | 2 | 1 | 2 | 10 | 21 | 9 | 3 | 1 | 0 | 0 | 1 | 0 |
| Sun 11 Jun 2023 | 30 | 35.4 | 28.0 | 7.1 | 0 | 2 | 2 | 2 | 14 | 7 | 2 | 0 | 1 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 61 | 32.0 | 26.0 | 5.8 | 0 | 4 | 4 | 13 | 28 | 9 | 3 | 0 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 67 | 33.1 | 26.6 | 6.3 | 0 | 3 | 6 | 13 | 28 | 12 | 3 | 1 | 1 | 0 | 0 | 0 |
| 7 Day Ave. | 59 | 33.8 | 26.9 | 6.7 | 0 | 3 | 5 | 11 | 25 | 11 | 3 | 1 | 1 | 0 | 0 | 0 |

Paul Castle Associates

**Direction: Westbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 85 | 35.0 | 28.6 | 6.2 | 0 | 3 | 5 | 12 | 27 | 28 | 9 | 1 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 71 | 36.0 | 28.6 | 7.1 | 0 | 5 | 2 | 10 | 23 | 20 | 9 | 1 | 1 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 80 | 34.6 | 27.9 | 6.5 | 1 | 3 | 3 | 17 | 23 | 25 | 7 | 1 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 104 | 35.8 | 28.9 | 6.7 | 1 | 2 | 5 | 18 | 33 | 29 | 12 | 3 | 1 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 65 | 36.7 | 26.9 | 9.4 | 6 | 4 | 4 | 6 | 17 | 17 | 9 | 1 | 1 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 44 | 38.3 | 29.9 | 8.1 | 1 | 3 | 0 | 6 | 8 | 14 | 11 | 0 | 1 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 74 | 36.4 | 28.5 | 7.7 | 1 | 6 | 2 | 9 | 23 | 21 | 8 | 4 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 83 | 35.5 | 28.5 | 6.8 | 1 | 4 | 3 | 13 | 26 | 25 | 9 | 2 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 75 | 36.1 | 28.5 | 7.4 | 1 | 4 | 3 | 11 | 22 | 22 | 9 | 2 | 1 | 0 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 134 | 34.2 | 27.9 | 6.0 | 0 | 4 | 8 | 23 | 52 | 34 | 10 | 3 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 137 | 34.5 | 27.1 | 7.1 | 0 | 8 | 12 | 25 | 50 | 28 | 10 | 2 | 1 | 1 | 0 | 0 |
| Thu 8 Jun 2023 | 162 | 34.4 | 27.7 | 6.5 | 1 | 7 | 9 | 29 | 58 | 45 | 9 | 2 | 2 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 182 | 35.2 | 28.1 | 6.9 | 2 | 7 | 10 | 32 | 60 | 48 | 18 | 3 | 2 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 115 | 36.2 | 27.1 | 8.8 | 8 | 5 | 6 | 16 | 38 | 26 | 12 | 2 | 1 | 0 | 1 | 0 |
| Sun 11 Jun 2023 | 74 | 37.1 | 29.1 | 7.7 | 1 | 5 | 2 | 8 | 22 | 21 | 13 | 0 | 2 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 135 | 34.6 | 27.4 | 7.0 | 1 | 10 | 6 | 22 | 51 | 30 | 11 | 4 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 150 | 34.6 | 27.6 | 6.7 | 1 | 7 | 9 | 26 | 54 | 37 | 12 | 3 | 1 | 0 | 0 | 0 |
| 7 Day Ave. | 134 | 35.2 | 27.8 | 7.1 | 2 | 7 | 8 | 22 | 47 | 33 | 12 | 2 | 1 | 0 | 0 | 0 |

Paul Castle Associates

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

**06/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 1 | 1 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 1 | 1 | 0 | 0 | 0 |
| 05:00 | 9 | 9 | 0 | 0 | 0 |
| 06:00 | 16 | 13 | 3 | 0 | 0 |
| 07:00 | 29 | 26 | 3 | 0 | 0 |
| 08:00 | 44 | 39 | 5 | 0 | 0 |
| 09:00 | 32 | 25 | 7 | 0 | 0 |
| 10:00 | 28 | 14 | 13 | 0 | 1 |
| 11:00 | 20 | 15 | 5 | 0 | 0 |
| 12:00 | 29 | 23 | 5 | 1 | 0 |
| 13:00 | 30 | 15 | 15 | 0 | 0 |
| 14:00 | 21 | 17 | 4 | 0 | 0 |
| 15:00 | 28 | 22 | 5 | 0 | 1 |
| 16:00 | 37 | 32 | 5 | 0 | 0 |
| 17:00 | 32 | 28 | 4 | 0 | 0 |
| 18:00 | 14 | 12 | 2 | 0 | 0 |
| 19:00 | 19 | 17 | 2 | 0 | 0 |
| 20:00 | 6 | 3 | 3 | 0 | 0 |
| 21:00 | 9 | 8 | 1 | 0 | 0 |
| 22:00 | 4 | 3 | 1 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 344 | 268 | 73 | 1 | 2 |
| 16H(6-22) | 394 | 309 | 82 | 1 | 2 |
| 18H(6-24) | 398 | 312 | 83 | 1 | 2 |
| 24H(0-24) | 409 | 323 | 83 | 1 | 2 |
| AM Peak | 08:00 | 08:00 | 10:00 | 00:00 | 10:00 |
| | 44 | 39 | 13 | 0 | 1 |
| PM Peak | 16:00 | 16:00 | 13:00 | 12:00 | 15:00 |
| | 37 | 32 | 15 | 1 | 1 |

Paul Castle Associates

**Direction: Westbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 1 | 1 | 0 | 0 | 0 |
| 01:00 | 1 | 1 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 1 | 1 | 0 | 0 | 0 |
| 04:00 | 1 | 0 | 1 | 0 | 0 |
| 05:00 | 8 | 7 | 1 | 0 | 0 |
| 06:00 | 12 | 12 | 0 | 0 | 0 |
| 07:00 | 23 | 18 | 5 | 0 | 0 |
| 08:00 | 37 | 30 | 6 | 1 | 0 |
| 09:00 | 30 | 19 | 9 | 1 | 1 |
| 10:00 | 35 | 22 | 13 | 0 | 0 |
| 11:00 | 30 | 22 | 8 | 0 | 0 |
| 12:00 | 41 | 25 | 15 | 1 | 0 |
| 13:00 | 25 | 13 | 11 | 0 | 1 |
| 14:00 | 40 | 31 | 8 | 0 | 1 |
| 15:00 | 45 | 32 | 13 | 0 | 0 |
| 16:00 | 43 | 33 | 10 | 0 | 0 |
| 17:00 | 38 | 26 | 12 | 0 | 0 |
| 18:00 | 31 | 29 | 2 | 0 | 0 |
| 19:00 | 15 | 10 | 5 | 0 | 0 |
| 20:00 | 8 | 7 | 1 | 0 | 0 |
| 21:00 | 4 | 4 | 0 | 0 | 0 |
| 22:00 | 2 | 0 | 2 | 0 | 0 |
| 23:00 | 1 | 1 | 0 | 0 | 0 |
| Total 12H(7-19) | 418 | 300 | 112 | 3 | 3 |
| 16H(6-22) | 457 | 333 | 118 | 3 | 3 |
| 18H(6-24) | 460 | 334 | 120 | 3 | 3 |
| 24H(0-24) | 472 | 344 | 122 | 3 | 3 |
| AM Peak | 08:00 | 08:00 | 10:00 | 08:00 | 09:00 |
| | 37 | 30 | 13 | 1 | 1 |
| PM Peak | 15:00 | 16:00 | 12:00 | 12:00 | 13:00 |
| | 45 | 33 | 15 | 1 | 1 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 2 | 2 | 0 | 0 | 0 |
| 01:00 | 1 | 1 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 1 | 1 | 0 | 0 | 0 |
| 04:00 | 2 | 1 | 1 | 0 | 0 |
| 05:00 | 17 | 16 | 1 | 0 | 0 |
| 06:00 | 28 | 25 | 3 | 0 | 0 |
| 07:00 | 52 | 44 | 8 | 0 | 0 |
| 08:00 | 81 | 69 | 11 | 1 | 0 |
| 09:00 | 62 | 44 | 16 | 1 | 1 |
| 10:00 | 63 | 36 | 26 | 0 | 1 |
| 11:00 | 50 | 37 | 13 | 0 | 0 |
| 12:00 | 70 | 48 | 20 | 2 | 0 |
| 13:00 | 55 | 28 | 26 | 0 | 1 |
| 14:00 | 61 | 48 | 12 | 0 | 1 |
| 15:00 | 73 | 54 | 18 | 0 | 1 |
| 16:00 | 80 | 65 | 15 | 0 | 0 |
| 17:00 | 70 | 54 | 16 | 0 | 0 |
| 18:00 | 45 | 41 | 4 | 0 | 0 |
| 19:00 | 34 | 27 | 7 | 0 | 0 |
| 20:00 | 14 | 10 | 4 | 0 | 0 |
| 21:00 | 13 | 12 | 1 | 0 | 0 |
| 22:00 | 6 | 3 | 3 | 0 | 0 |
| 23:00 | 1 | 1 | 0 | 0 | 0 |
| Total 12H(7-19) | 762 | 568 | 185 | 4 | 5 |
| 16H(6-22) | 851 | 642 | 200 | 4 | 5 |
| 18H(6-24) | 858 | 646 | 203 | 4 | 5 |
| 24H(0-24) | 881 | 667 | 205 | 4 | 5 |
| AM Peak | 08:00 | 08:00 | 10:00 | 08:00 | 09:00 |
| | 81 | 69 | 26 | 1 | 1 |
| PM Peak | 16:00 | 16:00 | 13:00 | 12:00 | 13:00 |
| | 80 | 65 | 26 | 2 | 1 |

Paul Castle Associates

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

**07/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 2 | 1 | 1 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 1 | 1 | 0 | 0 | 0 |
| 05:00 | 12 | 12 | 0 | 0 | 0 |
| 06:00 | 12 | 11 | 1 | 0 | 0 |
| 07:00 | 28 | 23 | 5 | 0 | 0 |
| 08:00 | 38 | 34 | 4 | 0 | 0 |
| 09:00 | 22 | 20 | 2 | 0 | 0 |
| 10:00 | 23 | 18 | 5 | 0 | 0 |
| 11:00 | 24 | 18 | 6 | 0 | 0 |
| 12:00 | 25 | 16 | 8 | 0 | 1 |
| 13:00 | 33 | 21 | 12 | 0 | 0 |
| 14:00 | 34 | 23 | 11 | 0 | 0 |
| 15:00 | 32 | 23 | 9 | 0 | 0 |
| 16:00 | 33 | 28 | 3 | 1 | 1 |
| 17:00 | 28 | 25 | 3 | 0 | 0 |
| 18:00 | 23 | 19 | 4 | 0 | 0 |
| 19:00 | 13 | 12 | 1 | 0 | 0 |
| 20:00 | 10 | 9 | 1 | 0 | 0 |
| 21:00 | 6 | 6 | 0 | 0 | 0 |
| 22:00 | 3 | 2 | 1 | 0 | 0 |
| 23:00 | 1 | 1 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 343 | 268 | 72 | 1 | 2 |
| 16H(6-22) | 384 | 306 | 75 | 1 | 2 |
| 18H(6-24) | 388 | 309 | 76 | 1 | 2 |
| 24H(0-24) | 403 | 323 | 77 | 1 | 2 |
| AM Peak | 08:00 | 08:00 | 11:00 | 00:00 | 00:00 |
| | 38 | 34 | 6 | 0 | 0 |
| PM Peak | 14:00 | 16:00 | 13:00 | 16:00 | 12:00 |
| | 34 | 28 | 12 | 1 | 1 |

Paul Castle Associates

**Direction: Westbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 1 | 1 | 0 | 0 | 0 |
| 02:00 | 2 | 2 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 1 | 1 | 0 | 0 | 0 |
| 05:00 | 11 | 10 | 1 | 0 | 0 |
| 06:00 | 11 | 9 | 2 | 0 | 0 |
| 07:00 | 22 | 18 | 3 | 1 | 0 |
| 08:00 | 41 | 34 | 7 | 0 | 0 |
| 09:00 | 34 | 24 | 8 | 2 | 0 |
| 10:00 | 27 | 24 | 3 | 0 | 0 |
| 11:00 | 24 | 17 | 6 | 1 | 0 |
| 12:00 | 32 | 24 | 7 | 1 | 0 |
| 13:00 | 32 | 21 | 10 | 0 | 1 |
| 14:00 | 33 | 19 | 13 | 1 | 0 |
| 15:00 | 38 | 26 | 11 | 1 | 0 |
| 16:00 | 54 | 45 | 8 | 0 | 1 |
| 17:00 | 31 | 28 | 3 | 0 | 0 |
| 18:00 | 33 | 27 | 6 | 0 | 0 |
| 19:00 | 15 | 14 | 1 | 0 | 0 |
| 20:00 | 12 | 8 | 4 | 0 | 0 |
| 21:00 | 1 | 1 | 0 | 0 | 0 |
| 22:00 | 3 | 2 | 1 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 401 | 307 | 85 | 7 | 2 |
| 16H(6-22) | 440 | 339 | 92 | 7 | 2 |
| 18H(6-24) | 443 | 341 | 93 | 7 | 2 |
| 24H(0-24) | 458 | 355 | 94 | 7 | 2 |
| AM Peak | 08:00 | 08:00 | 09:00 | 09:00 | 00:00 |
| | 41 | 34 | 8 | 2 | 0 |
| PM Peak | 16:00 | 16:00 | 14:00 | 12:00 | 13:00 |
| | 54 | 45 | 13 | 1 | 1 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 2 | 1 | 1 | 0 | 0 |
| 01:00 | 1 | 1 | 0 | 0 | 0 |
| 02:00 | 2 | 2 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 2 | 2 | 0 | 0 | 0 |
| 05:00 | 23 | 22 | 1 | 0 | 0 |
| 06:00 | 23 | 20 | 3 | 0 | 0 |
| 07:00 | 50 | 41 | 8 | 1 | 0 |
| 08:00 | 79 | 68 | 11 | 0 | 0 |
| 09:00 | 56 | 44 | 10 | 2 | 0 |
| 10:00 | 50 | 42 | 8 | 0 | 0 |
| 11:00 | 48 | 35 | 12 | 1 | 0 |
| 12:00 | 57 | 40 | 15 | 1 | 1 |
| 13:00 | 65 | 42 | 22 | 0 | 1 |
| 14:00 | 67 | 42 | 24 | 1 | 0 |
| 15:00 | 70 | 49 | 20 | 1 | 0 |
| 16:00 | 87 | 73 | 11 | 1 | 2 |
| 17:00 | 59 | 53 | 6 | 0 | 0 |
| 18:00 | 56 | 46 | 10 | 0 | 0 |
| 19:00 | 28 | 26 | 2 | 0 | 0 |
| 20:00 | 22 | 17 | 5 | 0 | 0 |
| 21:00 | 7 | 7 | 0 | 0 | 0 |
| 22:00 | 6 | 4 | 2 | 0 | 0 |
| 23:00 | 1 | 1 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 744 | 575 | 157 | 8 | 4 |
| 16H(6-22) | 824 | 645 | 167 | 8 | 4 |
| 18H(6-24) | 831 | 650 | 169 | 8 | 4 |
| 24H(0-24) | 861 | 678 | 171 | 8 | 4 |
| AM Peak | 08:00 | 08:00 | 11:00 | 09:00 | 00:00 |
| | 79 | 68 | 12 | 2 | 0 |
| PM Peak | 16:00 | 16:00 | 14:00 | 12:00 | 16:00 |
| | 87 | 73 | 24 | 1 | 2 |

Paul Castle Associates

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

**08/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 12 | 11 | 1 | 0 | 0 |
| 06:00 | 9 | 8 | 1 | 0 | 0 |
| 07:00 | 39 | 35 | 2 | 2 | 0 |
| 08:00 | 41 | 36 | 5 | 0 | 0 |
| 09:00 | 25 | 22 | 3 | 0 | 0 |
| 10:00 | 41 | 24 | 16 | 1 | 0 |
| 11:00 | 27 | 19 | 7 | 0 | 1 |
| 12:00 | 25 | 19 | 6 | 0 | 0 |
| 13:00 | 38 | 29 | 8 | 0 | 1 |
| 14:00 | 44 | 34 | 9 | 1 | 0 |
| 15:00 | 38 | 29 | 9 | 0 | 0 |
| 16:00 | 25 | 22 | 3 | 0 | 0 |
| 17:00 | 27 | 22 | 5 | 0 | 0 |
| 18:00 | 21 | 15 | 6 | 0 | 0 |
| 19:00 | 20 | 19 | 1 | 0 | 0 |
| 20:00 | 10 | 9 | 1 | 0 | 0 |
| 21:00 | 9 | 8 | 1 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 2 | 2 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 391 | 306 | 79 | 4 | 2 |
| 16H(6-22) | 439 | 350 | 83 | 4 | 2 |
| 18H(6-24) | 442 | 353 | 83 | 4 | 2 |
| 24H(0-24) | 454 | 364 | 84 | 4 | 2 |
| AM Peak | 08:00 | 08:00 | 10:00 | 07:00 | 11:00 |
| | 41 | 36 | 16 | 2 | 1 |
| PM Peak | 14:00 | 14:00 | 14:00 | 14:00 | 13:00 |
| | 44 | 34 | 9 | 1 | 1 |

Paul Castle Associates

**Direction: Westbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 1 | 1 | 0 | 0 | 0 |
| 01:00 | 1 | 1 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 2 | 1 | 1 | 0 | 0 |
| 04:00 | 1 | 0 | 1 | 0 | 0 |
| 05:00 | 13 | 11 | 2 | 0 | 0 |
| 06:00 | 11 | 10 | 1 | 0 | 0 |
| 07:00 | 18 | 15 | 3 | 0 | 0 |
| 08:00 | 47 | 34 | 10 | 2 | 1 |
| 09:00 | 35 | 25 | 9 | 1 | 0 |
| 10:00 | 28 | 15 | 13 | 0 | 0 |
| 11:00 | 32 | 21 | 9 | 2 | 0 |
| 12:00 | 29 | 21 | 6 | 0 | 2 |
| 13:00 | 28 | 21 | 7 | 0 | 0 |
| 14:00 | 48 | 32 | 14 | 1 | 1 |
| 15:00 | 32 | 24 | 7 | 1 | 0 |
| 16:00 | 50 | 41 | 9 | 0 | 0 |
| 17:00 | 36 | 32 | 4 | 0 | 0 |
| 18:00 | 39 | 30 | 9 | 0 | 0 |
| 19:00 | 17 | 14 | 3 | 0 | 0 |
| 20:00 | 5 | 5 | 0 | 0 | 0 |
| 21:00 | 8 | 8 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 2 | 2 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 422 | 311 | 100 | 7 | 4 |
| 16H(6-22) | 463 | 348 | 104 | 7 | 4 |
| 18H(6-24) | 466 | 351 | 104 | 7 | 4 |
| 24H(0-24) | 484 | 365 | 108 | 7 | 4 |
| AM Peak | 08:00 | 08:00 | 10:00 | 08:00 | 08:00 |
| | 47 | 34 | 13 | 2 | 1 |
| PM Peak | 16:00 | 16:00 | 14:00 | 14:00 | 12:00 |
| | 50 | 41 | 14 | 1 | 2 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 1 | 1 | 0 | 0 | 0 |
| 01:00 | 1 | 1 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 2 | 1 | 1 | 0 | 0 |
| 04:00 | 1 | 0 | 1 | 0 | 0 |
| 05:00 | 25 | 22 | 3 | 0 | 0 |
| 06:00 | 20 | 18 | 2 | 0 | 0 |
| 07:00 | 57 | 50 | 5 | 2 | 0 |
| 08:00 | 88 | 70 | 15 | 2 | 1 |
| 09:00 | 60 | 47 | 12 | 1 | 0 |
| 10:00 | 69 | 39 | 29 | 1 | 0 |
| 11:00 | 59 | 40 | 16 | 2 | 1 |
| 12:00 | 54 | 40 | 12 | 0 | 2 |
| 13:00 | 66 | 50 | 15 | 0 | 1 |
| 14:00 | 92 | 66 | 23 | 2 | 1 |
| 15:00 | 70 | 53 | 16 | 1 | 0 |
| 16:00 | 75 | 63 | 12 | 0 | 0 |
| 17:00 | 63 | 54 | 9 | 0 | 0 |
| 18:00 | 60 | 45 | 15 | 0 | 0 |
| 19:00 | 37 | 33 | 4 | 0 | 0 |
| 20:00 | 15 | 14 | 1 | 0 | 0 |
| 21:00 | 17 | 16 | 1 | 0 | 0 |
| 22:00 | 2 | 2 | 0 | 0 | 0 |
| 23:00 | 4 | 4 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 813 | 617 | 179 | 11 | 6 |
| 16H(6-22) | 902 | 698 | 187 | 11 | 6 |
| 18H(6-24) | 908 | 704 | 187 | 11 | 6 |
| 24H(0-24) | 938 | 729 | 192 | 11 | 6 |
| AM Peak | 08:00 | 08:00 | 10:00 | 07:00 | 08:00 |
| | 88 | 70 | 29 | 2 | 1 |
| PM Peak | 14:00 | 14:00 | 14:00 | 14:00 | 12:00 |
| | 92 | 66 | 23 | 2 | 2 |

Paul Castle Associates

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

09/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 1 | 0 | 1 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 2 | 2 | 0 | 0 | 0 |
| 05:00 | 11 | 9 | 2 | 0 | 0 |
| 06:00 | 12 | 11 | 1 | 0 | 0 |
| 07:00 | 33 | 29 | 2 | 2 | 0 |
| 08:00 | 35 | 33 | 2 | 0 | 0 |
| 09:00 | 30 | 21 | 8 | 0 | 1 |
| 10:00 | 18 | 12 | 6 | 0 | 0 |
| 11:00 | 24 | 17 | 7 | 0 | 0 |
| 12:00 | 26 | 20 | 6 | 0 | 0 |
| 13:00 | 30 | 16 | 11 | 3 | 0 |
| 14:00 | 39 | 31 | 7 | 1 | 0 |
| 15:00 | 39 | 33 | 6 | 0 | 0 |
| 16:00 | 44 | 33 | 9 | 2 | 0 |
| 17:00 | 27 | 20 | 7 | 0 | 0 |
| 18:00 | 20 | 18 | 2 | 0 | 0 |
| 19:00 | 13 | 11 | 2 | 0 | 0 |
| 20:00 | 17 | 13 | 4 | 0 | 0 |
| 21:00 | 14 | 12 | 2 | 0 | 0 |
| 22:00 | 5 | 5 | 0 | 0 | 0 |
| 23:00 | 1 | 1 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 365 | 283 | 73 | 8 | 1 |
| 16H(6-22) | 421 | 330 | 82 | 8 | 1 |
| 18H(6-24) | 427 | 336 | 82 | 8 | 1 |
| 24H(0-24) | 441 | 347 | 85 | 8 | 1 |
| AM Peak | 08:00 | 08:00 | 09:00 | 07:00 | 09:00 |
| | 35 | 33 | 8 | 2 | 1 |
| PM Peak | 16:00 | 15:00 | 13:00 | 13:00 | 12:00 |
| | 44 | 33 | 11 | 3 | 0 |

Paul Castle Associates

**Direction: Westbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 1 | 1 | 0 | 0 | 0 |
| 04:00 | 1 | 0 | 1 | 0 | 0 |
| 05:00 | 12 | 10 | 2 | 0 | 0 |
| 06:00 | 14 | 13 | 1 | 0 | 0 |
| 07:00 | 29 | 23 | 6 | 0 | 0 |
| 08:00 | 36 | 26 | 8 | 2 | 0 |
| 09:00 | 23 | 15 | 6 | 1 | 1 |
| 10:00 | 28 | 18 | 10 | 0 | 0 |
| 11:00 | 32 | 27 | 5 | 0 | 0 |
| 12:00 | 39 | 28 | 11 | 0 | 0 |
| 13:00 | 28 | 18 | 9 | 1 | 0 |
| 14:00 | 44 | 27 | 14 | 3 | 0 |
| 15:00 | 60 | 49 | 10 | 1 | 0 |
| 16:00 | 44 | 32 | 12 | 0 | 0 |
| 17:00 | 52 | 44 | 7 | 1 | 0 |
| 18:00 | 37 | 34 | 3 | 0 | 0 |
| 19:00 | 21 | 15 | 6 | 0 | 0 |
| 20:00 | 9 | 8 | 1 | 0 | 0 |
| 21:00 | 12 | 7 | 5 | 0 | 0 |
| 22:00 | 5 | 4 | 1 | 0 | 0 |
| 23:00 | 1 | 1 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 452 | 341 | 101 | 9 | 1 |
| 16H(6-22) | 508 | 384 | 114 | 9 | 1 |
| 18H(6-24) | 514 | 389 | 115 | 9 | 1 |
| 24H(0-24) | 528 | 400 | 118 | 9 | 1 |
| AM Peak | 08:00 | 11:00 | 10:00 | 08:00 | 09:00 |
| | 36 | 27 | 10 | 2 | 1 |
| PM Peak | 15:00 | 15:00 | 14:00 | 14:00 | 12:00 |
| | 60 | 49 | 14 | 3 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 1 | 0 | 1 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 1 | 1 | 0 | 0 | 0 |
| 04:00 | 3 | 2 | 1 | 0 | 0 |
| 05:00 | 23 | 19 | 4 | 0 | 0 |
| 06:00 | 26 | 24 | 2 | 0 | 0 |
| 07:00 | 62 | 52 | 8 | 2 | 0 |
| 08:00 | 71 | 59 | 10 | 2 | 0 |
| 09:00 | 53 | 36 | 14 | 1 | 2 |
| 10:00 | 46 | 30 | 16 | 0 | 0 |
| 11:00 | 56 | 44 | 12 | 0 | 0 |
| 12:00 | 65 | 48 | 17 | 0 | 0 |
| 13:00 | 58 | 34 | 20 | 4 | 0 |
| 14:00 | 83 | 58 | 21 | 4 | 0 |
| 15:00 | 99 | 82 | 16 | 1 | 0 |
| 16:00 | 88 | 65 | 21 | 2 | 0 |
| 17:00 | 79 | 64 | 14 | 1 | 0 |
| 18:00 | 57 | 52 | 5 | 0 | 0 |
| 19:00 | 34 | 26 | 8 | 0 | 0 |
| 20:00 | 26 | 21 | 5 | 0 | 0 |
| 21:00 | 26 | 19 | 7 | 0 | 0 |
| 22:00 | 10 | 9 | 1 | 0 | 0 |
| 23:00 | 2 | 2 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 817 | 624 | 174 | 17 | 2 |
| 16H(6-22) | 929 | 714 | 196 | 17 | 2 |
| 18H(6-24) | 941 | 725 | 197 | 17 | 2 |
| 24H(0-24) | 969 | 747 | 203 | 17 | 2 |
| AM Peak | 08:00 | 08:00 | 10:00 | 07:00 | 09:00 |
| | 71 | 59 | 16 | 2 | 2 |
| PM Peak | 15:00 | 15:00 | 14:00 | 13:00 | 12:00 |
| | 99 | 82 | 21 | 4 | 0 |

Paul Castle Associates

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

**10/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 3 | 3 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 1 | 1 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 4 | 4 | 0 | 0 | 0 |
| 06:00 | 7 | 6 | 1 | 0 | 0 |
| 07:00 | 10 | 8 | 2 | 0 | 0 |
| 08:00 | 34 | 30 | 4 | 0 | 0 |
| 09:00 | 32 | 27 | 5 | 0 | 0 |
| 10:00 | 23 | 19 | 4 | 0 | 0 |
| 11:00 | 35 | 30 | 5 | 0 | 0 |
| 12:00 | 27 | 23 | 4 | 0 | 0 |
| 13:00 | 26 | 23 | 3 | 0 | 0 |
| 14:00 | 22 | 17 | 4 | 1 | 0 |
| 15:00 | 28 | 21 | 7 | 0 | 0 |
| 16:00 | 19 | 15 | 4 | 0 | 0 |
| 17:00 | 21 | 19 | 2 | 0 | 0 |
| 18:00 | 17 | 15 | 2 | 0 | 0 |
| 19:00 | 15 | 15 | 0 | 0 | 0 |
| 20:00 | 13 | 11 | 2 | 0 | 0 |
| 21:00 | 5 | 5 | 0 | 0 | 0 |
| 22:00 | 4 | 1 | 2 | 0 | 1 |
| 23:00 | 5 | 3 | 2 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 294 | 247 | 46 | 1 | 0 |
| 16H(6-22) | 334 | 284 | 49 | 1 | 0 |
| 18H(6-24) | 343 | 288 | 53 | 1 | 1 |
| 24H(0-24) | 351 | 296 | 53 | 1 | 1 |
| AM Peak | 11:00 | 08:00 | 09:00 | 00:00 | 00:00 |
| | 35 | 30 | 5 | 0 | 0 |
| PM Peak | 15:00 | 12:00 | 15:00 | 14:00 | 22:00 |
| | 28 | 23 | 7 | 1 | 1 |

Paul Castle Associates

**Direction: Westbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 4 | 4 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 1 | 1 | 0 | 0 | 0 |
| 03:00 | 3 | 2 | 1 | 0 | 0 |
| 04:00 | 1 | 0 | 1 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 2 | 2 | 0 | 0 | 0 |
| 07:00 | 37 | 29 | 8 | 0 | 0 |
| 08:00 | 36 | 26 | 10 | 0 | 0 |
| 09:00 | 23 | 16 | 7 | 0 | 0 |
| 10:00 | 38 | 28 | 10 | 0 | 0 |
| 11:00 | 29 | 24 | 5 | 0 | 0 |
| 12:00 | 35 | 33 | 2 | 0 | 0 |
| 13:00 | 24 | 22 | 2 | 0 | 0 |
| 14:00 | 38 | 34 | 3 | 1 | 0 |
| 15:00 | 27 | 23 | 4 | 0 | 0 |
| 16:00 | 21 | 16 | 5 | 0 | 0 |
| 17:00 | 20 | 14 | 6 | 0 | 0 |
| 18:00 | 24 | 23 | 1 | 0 | 0 |
| 19:00 | 20 | 18 | 2 | 0 | 0 |
| 20:00 | 5 | 3 | 2 | 0 | 0 |
| 21:00 | 9 | 6 | 3 | 0 | 0 |
| 22:00 | 4 | 4 | 0 | 0 | 0 |
| 23:00 | 2 | 2 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 352 | 288 | 63 | 1 | 0 |
| 16H(6-22) | 388 | 317 | 70 | 1 | 0 |
| 18H(6-24) | 394 | 323 | 70 | 1 | 0 |
| 24H(0-24) | 403 | 330 | 72 | 1 | 0 |
| AM Peak | 10:00 | 07:00 | 08:00 | 00:00 | 00:00 |
| | 38 | 29 | 10 | 0 | 0 |
| PM Peak | 14:00 | 14:00 | 17:00 | 14:00 | 12:00 |
| | 38 | 34 | 6 | 1 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 7 | 7 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 2 | 2 | 0 | 0 | 0 |
| 03:00 | 3 | 2 | 1 | 0 | 0 |
| 04:00 | 1 | 0 | 1 | 0 | 0 |
| 05:00 | 4 | 4 | 0 | 0 | 0 |
| 06:00 | 9 | 8 | 1 | 0 | 0 |
| 07:00 | 47 | 37 | 10 | 0 | 0 |
| 08:00 | 70 | 56 | 14 | 0 | 0 |
| 09:00 | 55 | 43 | 12 | 0 | 0 |
| 10:00 | 61 | 47 | 14 | 0 | 0 |
| 11:00 | 64 | 54 | 10 | 0 | 0 |
| 12:00 | 62 | 56 | 6 | 0 | 0 |
| 13:00 | 50 | 45 | 5 | 0 | 0 |
| 14:00 | 60 | 51 | 7 | 2 | 0 |
| 15:00 | 55 | 44 | 11 | 0 | 0 |
| 16:00 | 40 | 31 | 9 | 0 | 0 |
| 17:00 | 41 | 33 | 8 | 0 | 0 |
| 18:00 | 41 | 38 | 3 | 0 | 0 |
| 19:00 | 35 | 33 | 2 | 0 | 0 |
| 20:00 | 18 | 14 | 4 | 0 | 0 |
| 21:00 | 14 | 11 | 3 | 0 | 0 |
| 22:00 | 8 | 5 | 2 | 0 | 1 |
| 23:00 | 7 | 5 | 2 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 646 | 535 | 109 | 2 | 0 |
| 16H(6-22) | 722 | 601 | 119 | 2 | 0 |
| 18H(6-24) | 737 | 611 | 123 | 2 | 1 |
| 24H(0-24) | 754 | 626 | 125 | 2 | 1 |
| AM Peak | 08:00 | 08:00 | 08:00 | 00:00 | 00:00 |
| | 70 | 56 | 14 | 0 | 0 |
| PM Peak | 12:00 | 12:00 | 15:00 | 14:00 | 22:00 |
| | 62 | 56 | 11 | 2 | 1 |

Paul Castle Associates

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

**11/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 1 | 1 | 0 | 0 | 0 |
| 01:00 | 1 | 1 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 2 | 2 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 0 | 0 | 0 |
| 06:00 | 4 | 4 | 0 | 0 | 0 |
| 07:00 | 5 | 4 | 1 | 0 | 0 |
| 08:00 | 15 | 13 | 2 | 0 | 0 |
| 09:00 | 21 | 20 | 1 | 0 | 0 |
| 10:00 | 19 | 16 | 3 | 0 | 0 |
| 11:00 | 23 | 21 | 2 | 0 | 0 |
| 12:00 | 21 | 17 | 4 | 0 | 0 |
| 13:00 | 16 | 12 | 4 | 0 | 0 |
| 14:00 | 14 | 13 | 1 | 0 | 0 |
| 15:00 | 16 | 13 | 3 | 0 | 0 |
| 16:00 | 16 | 15 | 1 | 0 | 0 |
| 17:00 | 33 | 31 | 2 | 0 | 0 |
| 18:00 | 19 | 13 | 6 | 0 | 0 |
| 19:00 | 7 | 7 | 0 | 0 | 0 |
| 20:00 | 9 | 8 | 1 | 0 | 0 |
| 21:00 | 2 | 2 | 0 | 0 | 0 |
| 22:00 | 3 | 3 | 0 | 0 | 0 |
| 23:00 | 1 | 1 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 218 | 188 | 30 | 0 | 0 |
| 16H(6-22) | 240 | 209 | 31 | 0 | 0 |
| 18H(6-24) | 244 | 213 | 31 | 0 | 0 |
| 24H(0-24) | 249 | 218 | 31 | 0 | 0 |
| AM Peak | 11:00 | 11:00 | 10:00 | 00:00 | 00:00 |
| | 23 | 21 | 3 | 0 | 0 |
| PM Peak | 17:00 | 17:00 | 18:00 | 12:00 | 12:00 |
| | 33 | 31 | 6 | 0 | 0 |

Paul Castle Associates

**Direction: Westbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 1 | 1 | 0 | 0 | 0 |
| 01:00 | 1 | 1 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 5 | 1 | 3 | 0 | 1 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 2 | 2 | 0 | 0 | 0 |
| 07:00 | 15 | 7 | 8 | 0 | 0 |
| 08:00 | 21 | 15 | 5 | 0 | 1 |
| 09:00 | 10 | 8 | 2 | 0 | 0 |
| 10:00 | 17 | 15 | 2 | 0 | 0 |
| 11:00 | 35 | 32 | 3 | 0 | 0 |
| 12:00 | 29 | 29 | 0 | 0 | 0 |
| 13:00 | 24 | 21 | 3 | 0 | 0 |
| 14:00 | 20 | 18 | 2 | 0 | 0 |
| 15:00 | 24 | 19 | 5 | 0 | 0 |
| 16:00 | 21 | 16 | 4 | 1 | 0 |
| 17:00 | 30 | 28 | 1 | 1 | 0 |
| 18:00 | 23 | 21 | 2 | 0 | 0 |
| 19:00 | 16 | 13 | 3 | 0 | 0 |
| 20:00 | 5 | 5 | 0 | 0 | 0 |
| 21:00 | 5 | 5 | 0 | 0 | 0 |
| 22:00 | 5 | 5 | 0 | 0 | 0 |
| 23:00 | 1 | 1 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 269 | 229 | 37 | 2 | 1 |
| 16H(6-22) | 297 | 254 | 40 | 2 | 1 |
| 18H(6-24) | 303 | 260 | 40 | 2 | 1 |
| 24H(0-24) | 310 | 263 | 43 | 2 | 2 |
| AM Peak | 11:00 | 11:00 | 07:00 | 00:00 | 03:00 |
| | 35 | 32 | 8 | 0 | 1 |
| PM Peak | 17:00 | 12:00 | 15:00 | 16:00 | 12:00 |
| | 30 | 29 | 5 | 1 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 2 | 2 | 0 | 0 | 0 |
| 01:00 | 2 | 2 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 5 | 1 | 3 | 0 | 1 |
| 04:00 | 2 | 2 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 0 | 0 | 0 |
| 06:00 | 6 | 6 | 0 | 0 | 0 |
| 07:00 | 20 | 11 | 9 | 0 | 0 |
| 08:00 | 36 | 28 | 7 | 0 | 1 |
| 09:00 | 31 | 28 | 3 | 0 | 0 |
| 10:00 | 36 | 31 | 5 | 0 | 0 |
| 11:00 | 58 | 53 | 5 | 0 | 0 |
| 12:00 | 50 | 46 | 4 | 0 | 0 |
| 13:00 | 40 | 33 | 7 | 0 | 0 |
| 14:00 | 34 | 31 | 3 | 0 | 0 |
| 15:00 | 40 | 32 | 8 | 0 | 0 |
| 16:00 | 37 | 31 | 5 | 1 | 0 |
| 17:00 | 63 | 59 | 3 | 1 | 0 |
| 18:00 | 42 | 34 | 8 | 0 | 0 |
| 19:00 | 23 | 20 | 3 | 0 | 0 |
| 20:00 | 14 | 13 | 1 | 0 | 0 |
| 21:00 | 7 | 7 | 0 | 0 | 0 |
| 22:00 | 8 | 8 | 0 | 0 | 0 |
| 23:00 | 2 | 2 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 487 | 417 | 67 | 2 | 1 |
| 16H(6-22) | 537 | 463 | 71 | 2 | 1 |
| 18H(6-24) | 547 | 473 | 71 | 2 | 1 |
| 24H(0-24) | 559 | 481 | 74 | 2 | 2 |
| AM Peak | 11:00 | 11:00 | 07:00 | 00:00 | 03:00 |
| | 58 | 53 | 9 | 0 | 1 |
| PM Peak | 17:00 | 17:00 | 15:00 | 16:00 | 12:00 |
| | 63 | 59 | 8 | 1 | 0 |

Paul Castle Associates

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

**12/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 2 | 1 | 1 | 0 | 0 |
| 05:00 | 6 | 5 | 1 | 0 | 0 |
| 06:00 | 15 | 11 | 3 | 1 | 0 |
| 07:00 | 35 | 30 | 5 | 0 | 0 |
| 08:00 | 37 | 29 | 8 | 0 | 0 |
| 09:00 | 26 | 20 | 5 | 1 | 0 |
| 10:00 | 31 | 20 | 11 | 0 | 0 |
| 11:00 | 32 | 21 | 9 | 1 | 1 |
| 12:00 | 23 | 14 | 8 | 0 | 1 |
| 13:00 | 40 | 31 | 9 | 0 | 0 |
| 14:00 | 23 | 18 | 5 | 0 | 0 |
| 15:00 | 38 | 27 | 9 | 2 | 0 |
| 16:00 | 29 | 24 | 5 | 0 | 0 |
| 17:00 | 28 | 25 | 3 | 0 | 0 |
| 18:00 | 11 | 8 | 2 | 1 | 0 |
| 19:00 | 23 | 20 | 3 | 0 | 0 |
| 20:00 | 6 | 3 | 3 | 0 | 0 |
| 21:00 | 8 | 8 | 0 | 0 | 0 |
| 22:00 | 3 | 3 | 0 | 0 | 0 |
| 23:00 | 2 | 1 | 1 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 353 | 267 | 79 | 5 | 2 |
| 16H(6-22) | 405 | 309 | 88 | 6 | 2 |
| 18H(6-24) | 410 | 313 | 89 | 6 | 2 |
| 24H(0-24) | 418 | 319 | 91 | 6 | 2 |
| AM Peak | 08:00 | 07:00 | 10:00 | 06:00 | 11:00 |
| | 37 | 30 | 11 | 1 | 1 |
| PM Peak | 13:00 | 13:00 | 13:00 | 15:00 | 12:00 |
| | 40 | 31 | 9 | 2 | 1 |

Paul Castle Associates

**Direction: Westbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 2 | 2 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 1 | 1 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 3 | 2 | 1 | 0 | 0 |
| 05:00 | 4 | 4 | 0 | 0 | 0 |
| 06:00 | 14 | 13 | 1 | 0 | 0 |
| 07:00 | 19 | 12 | 7 | 0 | 0 |
| 08:00 | 50 | 41 | 8 | 1 | 0 |
| 09:00 | 37 | 26 | 10 | 1 | 0 |
| 10:00 | 30 | 18 | 12 | 0 | 0 |
| 11:00 | 29 | 22 | 6 | 1 | 0 |
| 12:00 | 33 | 18 | 13 | 1 | 1 |
| 13:00 | 37 | 24 | 13 | 0 | 0 |
| 14:00 | 42 | 29 | 12 | 1 | 0 |
| 15:00 | 32 | 24 | 7 | 1 | 0 |
| 16:00 | 50 | 35 | 14 | 1 | 0 |
| 17:00 | 42 | 35 | 7 | 0 | 0 |
| 18:00 | 29 | 23 | 6 | 0 | 0 |
| 19:00 | 22 | 20 | 2 | 0 | 0 |
| 20:00 | 8 | 7 | 1 | 0 | 0 |
| 21:00 | 10 | 9 | 1 | 0 | 0 |
| 22:00 | 4 | 4 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 430 | 307 | 115 | 7 | 1 |
| 16H(6-22) | 484 | 356 | 120 | 7 | 1 |
| 18H(6-24) | 488 | 360 | 120 | 7 | 1 |
| 24H(0-24) | 498 | 369 | 121 | 7 | 1 |
| AM Peak | 08:00 | 08:00 | 10:00 | 08:00 | 00:00 |
| | 50 | 41 | 12 | 1 | 0 |
| PM Peak | 16:00 | 16:00 | 16:00 | 12:00 | 12:00 |
| | 50 | 35 | 14 | 1 | 1 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 2 | 2 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 1 | 1 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 5 | 3 | 2 | 0 | 0 |
| 05:00 | 10 | 9 | 1 | 0 | 0 |
| 06:00 | 29 | 24 | 4 | 1 | 0 |
| 07:00 | 54 | 42 | 12 | 0 | 0 |
| 08:00 | 87 | 70 | 16 | 1 | 0 |
| 09:00 | 63 | 46 | 15 | 2 | 0 |
| 10:00 | 61 | 38 | 23 | 0 | 0 |
| 11:00 | 61 | 43 | 15 | 2 | 1 |
| 12:00 | 56 | 32 | 21 | 1 | 2 |
| 13:00 | 77 | 55 | 22 | 0 | 0 |
| 14:00 | 65 | 47 | 17 | 1 | 0 |
| 15:00 | 70 | 51 | 16 | 3 | 0 |
| 16:00 | 79 | 59 | 19 | 1 | 0 |
| 17:00 | 70 | 60 | 10 | 0 | 0 |
| 18:00 | 40 | 31 | 8 | 1 | 0 |
| 19:00 | 45 | 40 | 5 | 0 | 0 |
| 20:00 | 14 | 10 | 4 | 0 | 0 |
| 21:00 | 18 | 17 | 1 | 0 | 0 |
| 22:00 | 7 | 7 | 0 | 0 | 0 |
| 23:00 | 2 | 1 | 1 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 783 | 574 | 194 | 12 | 3 |
| 16H(6-22) | 889 | 665 | 208 | 13 | 3 |
| 18H(6-24) | 898 | 673 | 209 | 13 | 3 |
| 24H(0-24) | 916 | 688 | 212 | 13 | 3 |
| AM Peak | 08:00 | 08:00 | 10:00 | 09:00 | 11:00 |
| | 87 | 70 | 23 | 2 | 1 |
| PM Peak | 16:00 | 17:00 | 13:00 | 15:00 | 12:00 |
| | 79 | 60 | 22 | 3 | 2 |

Paul Castle Associates

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

**06/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 9 | 35.4 | 28.6 | 6.5 | 0 | 0 | 1 | 2 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 16 | 31.8 | 24.1 | 7.5 | 0 | 3 | 1 | 4 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 29 | 32.6 | 27.8 | 4.6 | 0 | 1 | 0 | 5 | 13 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 44 | 32.5 | 25.7 | 6.6 | 0 | 4 | 5 | 8 | 14 | 12 | 1 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 32 | 32.4 | 26.0 | 6.2 | 1 | 1 | 3 | 5 | 15 | 6 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 28 | 31.9 | 26.1 | 5.6 | 0 | 1 | 2 | 9 | 9 | 6 | 1 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 20 | 33.2 | 25.3 | 7.7 | 0 | 4 | 0 | 4 | 6 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 29 | 31.9 | 24.7 | 6.9 | 0 | 4 | 2 | 7 | 11 | 3 | 2 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 30 | 32.7 | 27.0 | 5.5 | 0 | 1 | 2 | 4 | 17 | 5 | 0 | 1 | 0 | 0 | 0 | 0 |
| **14:00** | 21 | 30.6 | 25.6 | 4.9 | 0 | 1 | 2 | 3 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 28 | 34.0 | 27.9 | 5.9 | 0 | 0 | 1 | 8 | 12 | 4 | 1 | 2 | 0 | 0 | 0 | 0 |
| **16:00** | 37 | 33.7 | 28.3 | 5.2 | 0 | 0 | 2 | 7 | 15 | 9 | 4 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 32 | 33.2 | 26.6 | 6.4 | 0 | 1 | 5 | 5 | 12 | 6 | 3 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 14 | 31.9 | 27.1 | 4.6 | 0 | 0 | 2 | 0 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 19 | 36.4 | 28.6 | 7.6 | 0 | 0 | 2 | 5 | 4 | 5 | 2 | 0 | 1 | 0 | 0 | 0 |
| **20:00** | 6 | 28.4 | 24.2 | 4.1 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 9 | 27.5 | 24.7 | 2.6 | 0 | 0 | 0 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 4 | 38.7 | 27.5 | 10.8 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 48 | 32.4 | 25.7 | 6.5 | 0 | 5 | 2 | 13 | 15 | 11 | 2 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 49 | 32.6 | 26.9 | 5.6 | 0 | 1 | 3 | 11 | 25 | 6 | 1 | 2 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 344 | 32.7 | 26.5 | 6.0 | 1 | 18 | 26 | 65 | 146 | 71 | 14 | 3 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 409 | 32.8 | 26.5 | 6.1 | 1 | 21 | 32 | 85 | 165 | 82 | 18 | 4 | 1 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 05:00 | 05:00 | 11:00 | 09:00 | 08:00 | 08:00 | 10:00 | 09:00 | 08:00 | 05:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **44** | **35.4** | **28.6** | **7.7** | **1** | **4** | **5** | **9** | **15** | **12** | **1** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 16:00 | 22:00 | 19:00 | 22:00 | 12:00 | 12:00 | 17:00 | 15:00 | 13:00 | 16:00 | 16:00 | 15:00 | 19:00 | 12:00 | 12:00 | 12:00 |
| | **37** | **38.7** | **28.6** | **10.8** | **0** | **4** | **5** | **8** | **17** | **9** | **4** | **2** | **1** | **0** | **0** | **0** |



**Direction: Westbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 8 | 38.4 | 30.6 | 7.5 | 0 | 0 | 0 | 1 | 4 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| **06:00** | 12 | 33.9 | 27.1 | 6.6 | 0 | 0 | 1 | 5 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 23 | 31.2 | 27.1 | 4.0 | 0 | 0 | 1 | 5 | 12 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 37 | 33.4 | 27.9 | 5.3 | 0 | 0 | 3 | 8 | 11 | 13 | 2 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 30 | 33.3 | 28.5 | 4.6 | 0 | 0 | 1 | 6 | 10 | 12 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 35 | 32.4 | 25.9 | 6.3 | 0 | 1 | 5 | 9 | 12 | 6 | 1 | 1 | 0 | 0 | 0 | 0 |
| **11:00** | 30 | 33.9 | 25.9 | 7.7 | 2 | 2 | 1 | 5 | 11 | 7 | 2 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 41 | 34.4 | 27.4 | 6.7 | 1 | 1 | 4 | 5 | 15 | 11 | 4 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 25 | 35.0 | 28.9 | 5.9 | 0 | 0 | 1 | 6 | 7 | 8 | 2 | 1 | 0 | 0 | 0 | 0 |
| **14:00** | 40 | 34.7 | 28.3 | 6.3 | 0 | 1 | 4 | 4 | 16 | 9 | 6 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 45 | 35.2 | 28.8 | 6.2 | 0 | 2 | 1 | 8 | 11 | 19 | 3 | 1 | 0 | 0 | 0 | 0 |
| **16:00** | 43 | 35.8 | 29.8 | 5.8 | 0 | 1 | 2 | 3 | 12 | 22 | 2 | 0 | 1 | 0 | 0 | 0 |
| **17:00** | 38 | 34.4 | 28.6 | 5.6 | 0 | 1 | 1 | 5 | 18 | 9 | 3 | 1 | 0 | 0 | 0 | 0 |
| **18:00** | 31 | 34.3 | 29.9 | 4.3 | 0 | 0 | 0 | 5 | 8 | 16 | 2 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 15 | 32.8 | 27.8 | 4.8 | 0 | 0 | 1 | 2 | 8 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 8 | 39.2 | 29.4 | 9.5 | 1 | 0 | 0 | 0 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 4 | 47.3 | 35.0 | 11.9 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| **22:00** | 2 | 41.0 | 30.0 | 10.6 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 65 | 33.1 | 25.9 | 6.9 | 2 | 3 | 6 | 14 | 23 | 13 | 3 | 1 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 85 | 35.0 | 28.6 | 6.2 | 0 | 3 | 5 | 12 | 27 | 28 | 9 | 1 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 418 | 34.3 | 28.1 | 5.9 | 3 | 9 | 24 | 69 | 143 | 137 | 28 | 4 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 472 | 34.5 | 28.2 | 6.1 | 4 | 9 | 27 | 79 | 163 | 149 | 34 | 4 | 2 | 1 | 0 | 0 |
| **AM Peak** | 08:00 | 05:00 | 04:00 | 11:00 | 11:00 | 11:00 | 10:00 | 10:00 | 07:00 | 08:00 | 06:00 | 10:00 | 05:00 | 00:00 | 00:00 | 00:00 |
| | **37** | **38.4** | **32.5** | **7.7** | **2** | **2** | **5** | **9** | **12** | **13** | **2** | **1** | **1** | **0** | **0** | **0** |
| **PM Peak** | 15:00 | 21:00 | 21:00 | 21:00 | 12:00 | 15:00 | 12:00 | 15:00 | 17:00 | 16:00 | 14:00 | 13:00 | 16:00 | 21:00 | 12:00 | 12:00 |
| | **45** | **47.3** | **35.0** | **11.9** | **1** | **2** | **4** | **8** | **18** | **22** | **6** | **1** | **1** | **1** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 2 | 28.7 | 25.0 | 3.5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 2 | 33.7 | 30.0 | 3.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 17 | 36.7 | 29.6 | 6.9 | 0 | 0 | 1 | 3 | 5 | 6 | 1 | 0 | 1 | 0 | 0 | 0 |
| **06:00** | 28 | 32.7 | 25.4 | 7.1 | 0 | 3 | 2 | 9 | 7 | 4 | 3 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 52 | 32.0 | 27.5 | 4.3 | 0 | 1 | 1 | 10 | 25 | 15 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 81 | 33.0 | 26.7 | 6.1 | 0 | 4 | 8 | 16 | 25 | 25 | 3 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 62 | 33.0 | 27.2 | 5.6 | 1 | 1 | 4 | 11 | 25 | 18 | 2 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 63 | 32.1 | 26.0 | 5.9 | 0 | 2 | 7 | 18 | 21 | 12 | 2 | 1 | 0 | 0 | 0 | 0 |
| **11:00** | 50 | 33.5 | 25.6 | 7.6 | 2 | 6 | 1 | 9 | 17 | 12 | 3 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 70 | 33.4 | 26.3 | 6.9 | 1 | 5 | 6 | 12 | 26 | 14 | 6 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 55 | 33.8 | 27.9 | 5.7 | 0 | 1 | 3 | 10 | 24 | 13 | 2 | 2 | 0 | 0 | 0 | 0 |
| **14:00** | 61 | 33.5 | 27.3 | 5.9 | 0 | 2 | 6 | 7 | 29 | 11 | 6 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 73 | 34.7 | 28.5 | 6.0 | 0 | 2 | 2 | 16 | 23 | 23 | 4 | 3 | 0 | 0 | 0 | 0 |
| **16:00** | 80 | 34.9 | 29.1 | 5.6 | 0 | 1 | 4 | 10 | 27 | 31 | 6 | 0 | 1 | 0 | 0 | 0 |
| **17:00** | 70 | 33.9 | 27.6 | 6.0 | 0 | 2 | 6 | 10 | 30 | 15 | 6 | 1 | 0 | 0 | 0 | 0 |
| **18:00** | 45 | 33.7 | 29.1 | 4.5 | 0 | 0 | 2 | 5 | 17 | 19 | 2 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 34 | 34.9 | 28.2 | 6.4 | 0 | 0 | 3 | 7 | 12 | 8 | 3 | 0 | 1 | 0 | 0 | 0 |
| **20:00** | 14 | 35.3 | 27.2 | 7.9 | 1 | 0 | 1 | 2 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 13 | 36.2 | 27.9 | 8.0 | 0 | 0 | 0 | 5 | 6 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| **22:00** | 6 | 38.4 | 28.3 | 9.7 | 0 | 0 | 1 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| **23:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 113 | 32.8 | 25.8 | 6.7 | 2 | 8 | 8 | 27 | 38 | 24 | 5 | 1 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 134 | 34.2 | 27.9 | 6.0 | 0 | 4 | 8 | 23 | 52 | 34 | 10 | 3 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 762 | 33.6 | 27.4 | 6.0 | 4 | 27 | 50 | 134 | 289 | 208 | 42 | 7 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 881 | 33.8 | 27.4 | 6.1 | 5 | 30 | 59 | 164 | 328 | 231 | 52 | 8 | 3 | 1 | 0 | 0 |
| **AM Peak** | 08:00 | 05:00 | 04:00 | 11:00 | 11:00 | 11:00 | 08:00 | 10:00 | 07:00 | 08:00 | 06:00 | 10:00 | 05:00 | 00:00 | 00:00 | 00:00 |
| | **81** | **36.7** | **30.0** | **7.6** | **2** | **6** | **8** | **18** | **25** | **25** | **3** | **1** | **1** | **0** | **0** | **0** |
| **PM Peak** | 16:00 | 22:00 | 16:00 | 22:00 | 12:00 | 12:00 | 12:00 | 15:00 | 17:00 | 16:00 | 12:00 | 15:00 | 16:00 | 21:00 | 12:00 | 12:00 |
| | **80** | **38.4** | **29.1** | **9.7** | **1** | **5** | **6** | **16** | **30** | **31** | **6** | **3** | **1** | **1** | **0** | **0** |

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

**07/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 2 | 29.8 | 22.5 | 7.1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 12 | 36.4 | 30.8 | 5.4 | 0 | 0 | 0 | 2 | 2 | 7 | 0 | 1 | 0 | 0 | 0 | 0 |
| **06:00** | 12 | 34.0 | 27.9 | 5.8 | 0 | 0 | 1 | 3 | 3 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 28 | 33.3 | 27.3 | 5.8 | 1 | 0 | 2 | 2 | 15 | 7 | 1 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 38 | 33.7 | 27.4 | 6.1 | 0 | 1 | 4 | 6 | 15 | 8 | 4 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 22 | 31.1 | 25.7 | 5.2 | 0 | 0 | 3 | 7 | 8 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 23 | 30.7 | 25.5 | 4.9 | 0 | 1 | 1 | 7 | 12 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 24 | 33.0 | 24.8 | 7.9 | 0 | 5 | 0 | 5 | 10 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| **12:00** | 25 | 31.6 | 24.1 | 7.2 | 2 | 2 | 0 | 7 | 11 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 33 | 33.0 | 26.0 | 6.7 | 1 | 1 | 3 | 8 | 12 | 5 | 3 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 34 | 33.4 | 25.3 | 7.8 | 0 | 3 | 5 | 7 | 13 | 4 | 1 | 0 | 0 | 1 | 0 | 0 |
| **15:00** | 32 | 31.5 | 25.8 | 5.5 | 0 | 0 | 5 | 8 | 14 | 4 | 0 | 1 | 0 | 0 | 0 | 0 |
| **16:00** | 33 | 35.3 | 27.0 | 7.9 | 0 | 3 | 4 | 4 | 9 | 10 | 2 | 0 | 1 | 0 | 0 | 0 |
| **17:00** | 28 | 32.4 | 26.8 | 5.4 | 0 | 1 | 2 | 4 | 16 | 3 | 2 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 23 | 31.4 | 27.9 | 3.3 | 0 | 0 | 0 | 4 | 13 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 13 | 33.6 | 27.1 | 6.3 | 0 | 0 | 2 | 3 | 3 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 10 | 33.9 | 28.5 | 5.2 | 0 | 0 | 0 | 3 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 6 | 32.0 | 24.2 | 7.5 | 0 | 0 | 2 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 3 | 36.5 | 27.5 | 8.7 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 47 | 32.0 | 25.2 | 6.6 | 0 | 6 | 1 | 12 | 22 | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 66 | 32.5 | 25.5 | 6.7 | 0 | 3 | 10 | 15 | 27 | 8 | 1 | 1 | 0 | 1 | 0 | 0 |
| **12H(7-19)** | 343 | 32.8 | 26.2 | 6.4 | 4 | 17 | 29 | 69 | 148 | 55 | 17 | 2 | 1 | 1 | 0 | 0 |
| **24H(0-24)** | 403 | 33.0 | 26.4 | 6.4 | 4 | 17 | 36 | 82 | 163 | 75 | 21 | 3 | 1 | 1 | 0 | 0 |
| **AM Peak** | 08:00 | 05:00 | 05:00 | 11:00 | 07:00 | 11:00 | 08:00 | 09:00 | 07:00 | 08:00 | 08:00 | 05:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **38** | **36.4** | **30.8** | **7.9** | **1** | **5** | **4** | **7** | **15** | **8** | **4** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 14:00 | 22:00 | 20:00 | 22:00 | 12:00 | 14:00 | 14:00 | 13:00 | 17:00 | 16:00 | 13:00 | 15:00 | 16:00 | 14:00 | 12:00 | 12:00 |
| | **34** | **36.5** | **28.5** | **8.7** | **2** | **3** | **5** | **8** | **16** | **10** | **3** | **1** | **1** | **1** | **0** | **0** |



**Direction: Westbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 2 | 27.5 | 27.5 | 0.0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 11 | 37.7 | 31.1 | 6.4 | 0 | 0 | 0 | 2 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| **06:00** | 11 | 34.3 | 28.0 | 6.1 | 0 | 0 | 1 | 3 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 22 | 37.0 | 30.2 | 6.5 | 0 | 0 | 2 | 2 | 6 | 7 | 4 | 1 | 0 | 0 | 0 | 0 |
| **08:00** | 41 | 34.2 | 28.8 | 5.1 | 0 | 0 | 1 | 9 | 14 | 12 | 5 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 34 | 35.7 | 29.1 | 6.4 | 0 | 2 | 0 | 4 | 13 | 10 | 4 | 1 | 0 | 0 | 0 | 0 |
| **10:00** | 27 | 32.3 | 26.0 | 6.0 | 0 | 2 | 1 | 7 | 12 | 3 | 2 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 24 | 31.3 | 26.9 | 4.3 | 0 | 0 | 0 | 10 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 32 | 32.8 | 25.8 | 6.8 | 0 | 4 | 2 | 5 | 12 | 8 | 1 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 32 | 33.4 | 27.8 | 5.4 | 0 | 2 | 0 | 3 | 18 | 7 | 2 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 33 | 35.9 | 28.6 | 7.0 | 0 | 2 | 0 | 7 | 11 | 8 | 4 | 0 | 1 | 0 | 0 | 0 |
| **15:00** | 38 | 36.2 | 28.7 | 7.2 | 0 | 3 | 2 | 3 | 12 | 12 | 5 | 1 | 0 | 0 | 0 | 0 |
| **16:00** | 54 | 34.2 | 29.3 | 4.8 | 0 | 0 | 2 | 6 | 22 | 20 | 3 | 1 | 0 | 0 | 0 | 0 |
| **17:00** | 31 | 35.0 | 29.1 | 5.7 | 0 | 1 | 0 | 4 | 13 | 11 | 0 | 2 | 0 | 0 | 0 | 0 |
| **18:00** | 33 | 36.3 | 30.7 | 5.4 | 0 | 0 | 1 | 4 | 8 | 14 | 5 | 1 | 0 | 0 | 0 | 0 |
| **19:00** | 15 | 34.1 | 28.5 | 5.4 | 0 | 0 | 1 | 3 | 4 | 6 | 1 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 12 | 33.8 | 29.2 | 4.4 | 0 | 0 | 1 | 0 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 3 | 37.9 | 27.5 | 10.0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 51 | 31.8 | 26.4 | 5.2 | 0 | 2 | 1 | 17 | 19 | 10 | 2 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 71 | 36.0 | 28.6 | 7.1 | 0 | 5 | 2 | 10 | 23 | 20 | 9 | 1 | 1 | 0 | 0 | 0 |
| **12H(7-19)** | 401 | 34.7 | 28.5 | 6.0 | 0 | 16 | 11 | 64 | 148 | 119 | 35 | 7 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 458 | 34.7 | 28.6 | 5.9 | 0 | 16 | 15 | 72 | 167 | 139 | 40 | 8 | 1 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 05:00 | 01:00 | 07:00 | 00:00 | 09:00 | 07:00 | 11:00 | 08:00 | 08:00 | 08:00 | 05:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **41** | **37.7** | **32.5** | **6.5** | **0** | **2** | **2** | **10** | **14** | **12** | **5** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 16:00 | 22:00 | 18:00 | 22:00 | 12:00 | 12:00 | 12:00 | 14:00 | 16:00 | 16:00 | 15:00 | 17:00 | 14:00 | 12:00 | 12:00 | 12:00 |
| | **54** | **37.9** | **30.7** | **10.0** | **0** | **4** | **2** | **7** | **22** | **20** | **5** | **2** | **1** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 2 | 29.8 | 22.5 | 7.1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 2 | 27.5 | 27.5 | 0.0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 2 | 27.5 | 27.5 | 0.0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 23 | 36.9 | 31.0 | 5.7 | 0 | 0 | 0 | 4 | 5 | 10 | 2 | 2 | 0 | 0 | 0 | 0 |
| **06:00** | 23 | 34.0 | 27.9 | 5.8 | 0 | 0 | 2 | 6 | 5 | 8 | 2 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 50 | 35.1 | 28.6 | 6.2 | 1 | 0 | 4 | 4 | 21 | 14 | 5 | 1 | 0 | 0 | 0 | 0 |
| **08:00** | 79 | 34.0 | 28.1 | 5.6 | 0 | 1 | 5 | 15 | 29 | 20 | 9 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 56 | 34.1 | 27.8 | 6.1 | 0 | 2 | 3 | 11 | 21 | 13 | 5 | 1 | 0 | 0 | 0 | 0 |
| **10:00** | 50 | 31.5 | 25.8 | 5.5 | 0 | 3 | 2 | 14 | 24 | 4 | 3 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 48 | 32.5 | 25.8 | 6.4 | 0 | 5 | 0 | 15 | 17 | 9 | 1 | 1 | 0 | 0 | 0 | 0 |
| **12:00** | 57 | 32.3 | 25.1 | 7.0 | 2 | 6 | 2 | 12 | 23 | 10 | 2 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 65 | 33.2 | 26.9 | 6.1 | 1 | 3 | 3 | 11 | 30 | 12 | 5 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 67 | 34.7 | 26.9 | 7.6 | 0 | 5 | 5 | 14 | 24 | 12 | 5 | 0 | 1 | 1 | 0 | 0 |
| **15:00** | 70 | 34.2 | 27.4 | 6.6 | 0 | 3 | 7 | 11 | 26 | 16 | 5 | 2 | 0 | 0 | 0 | 0 |
| **16:00** | 87 | 34.9 | 28.4 | 6.2 | 0 | 3 | 6 | 10 | 31 | 30 | 5 | 1 | 1 | 0 | 0 | 0 |
| **17:00** | 59 | 33.8 | 28.0 | 5.6 | 0 | 2 | 2 | 8 | 29 | 14 | 2 | 2 | 0 | 0 | 0 | 0 |
| **18:00** | 56 | 34.6 | 29.6 | 4.8 | 0 | 0 | 1 | 8 | 21 | 20 | 5 | 1 | 0 | 0 | 0 | 0 |
| **19:00** | 28 | 33.8 | 27.9 | 5.8 | 0 | 0 | 3 | 6 | 7 | 10 | 2 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 22 | 33.7 | 28.9 | 4.7 | 0 | 0 | 1 | 3 | 8 | 9 | 1 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 7 | 31.9 | 24.6 | 7.0 | 0 | 0 | 2 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 6 | 36.2 | 27.5 | 8.4 | 0 | 0 | 2 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 98 | 31.9 | 25.8 | 5.9 | 0 | 8 | 2 | 29 | 41 | 13 | 4 | 1 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 137 | 34.5 | 27.1 | 7.1 | 0 | 8 | 12 | 25 | 50 | 28 | 10 | 2 | 1 | 1 | 0 | 0 |
| **12H(7-19)** | 744 | 33.9 | 27.4 | 6.3 | 4 | 33 | 40 | 133 | 296 | 174 | 52 | 9 | 2 | 1 | 0 | 0 |
| **24H(0-24)** | 861 | 34.0 | 27.6 | 6.2 | 4 | 33 | 51 | 154 | 330 | 214 | 61 | 11 | 2 | 1 | 0 | 0 |
| **AM Peak** | 08:00 | 05:00 | 01:00 | 00:00 | 07:00 | 11:00 | 08:00 | 08:00 | 08:00 | 08:00 | 08:00 | 05:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **79** | **36.9** | **32.5** | **7.1** | **1** | **5** | **5** | **15** | **29** | **20** | **9** | **2** | **0** | **0** | **0** | **0** |
| **PM Peak** | 16:00 | 22:00 | 18:00 | 22:00 | 12:00 | 12:00 | 15:00 | 14:00 | 16:00 | 16:00 | 13:00 | 15:00 | 14:00 | 14:00 | 12:00 | 12:00 |
| | **87** | **36.2** | **29.6** | **8.4** | **2** | **6** | **7** | **14** | **31** | **30** | **5** | **2** | **1** | **1** | **0** | **0** |

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

**08/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 12 | 31.7 | 26.3 | 5.3 | 0 | 0 | 2 | 2 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 9 | 31.2 | 28.1 | 3.0 | 0 | 0 | 0 | 1 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 39 | 34.8 | 28.5 | 6.1 | 0 | 0 | 5 | 4 | 13 | 13 | 3 | 1 | 0 | 0 | 0 | 0 |
| **08:00** | 41 | 33.2 | 26.2 | 6.8 | 0 | 3 | 4 | 9 | 14 | 8 | 2 | 1 | 0 | 0 | 0 | 0 |
| **09:00** | 25 | 32.9 | 26.9 | 5.8 | 0 | 2 | 0 | 5 | 11 | 6 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 41 | 29.1 | 21.3 | 7.5 | 3 | 8 | 5 | 10 | 10 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 27 | 29.5 | 23.1 | 6.3 | 0 | 3 | 6 | 7 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 25 | 31.2 | 24.1 | 6.8 | 1 | 2 | 1 | 10 | 8 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 38 | 32.9 | 26.6 | 6.1 | 0 | 2 | 1 | 12 | 14 | 6 | 2 | 1 | 0 | 0 | 0 | 0 |
| **14:00** | 44 | 33.0 | 25.9 | 6.9 | 0 | 3 | 6 | 8 | 15 | 11 | 0 | 0 | 1 | 0 | 0 | 0 |
| **15:00** | 38 | 35.3 | 29.2 | 5.8 | 0 | 1 | 0 | 4 | 20 | 9 | 2 | 1 | 1 | 0 | 0 | 0 |
| **16:00** | 25 | 33.3 | 26.7 | 6.4 | 0 | 1 | 1 | 10 | 5 | 5 | 3 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 27 | 33.6 | 26.6 | 6.8 | 0 | 2 | 2 | 6 | 9 | 5 | 3 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 21 | 32.3 | 26.8 | 5.3 | 0 | 0 | 2 | 6 | 7 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 20 | 31.3 | 24.5 | 6.6 | 0 | 1 | 5 | 4 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 10 | 32.9 | 26.5 | 6.1 | 0 | 1 | 0 | 1 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 9 | 28.7 | 24.2 | 4.3 | 0 | 0 | 1 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 2 | 27.5 | 27.5 | 0.0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 68 | 29.3 | 22.0 | 7.0 | 3 | 11 | 11 | 17 | 17 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 82 | 34.3 | 27.4 | 6.6 | 0 | 4 | 6 | 12 | 35 | 20 | 2 | 1 | 2 | 0 | 0 | 0 |
| **12H(7-19)** | 391 | 33.0 | 26.0 | 6.8 | 4 | 27 | 33 | 91 | 133 | 78 | 19 | 4 | 2 | 0 | 0 | 0 |
| **24H(0-24)** | 454 | 32.8 | 26.0 | 6.6 | 4 | 29 | 41 | 104 | 162 | 87 | 21 | 4 | 2 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 07:00 | 07:00 | 10:00 | 10:00 | 10:00 | 11:00 | 10:00 | 08:00 | 07:00 | 07:00 | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **41** | **34.8** | **28.5** | **7.5** | **3** | **8** | **6** | **10** | **14** | **13** | **3** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 14:00 | 15:00 | 15:00 | 14:00 | 12:00 | 14:00 | 14:00 | 13:00 | 15:00 | 14:00 | 16:00 | 13:00 | 14:00 | 12:00 | 12:00 | 12:00 |
| | **44** | **35.3** | **29.2** | **6.9** | **1** | **3** | **6** | **12** | **20** | **11** | **3** | **1** | **1** | **0** | **0** | **0** |



**Direction: Westbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 2 | 27.5 | 27.5 | 0.0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 13 | 33.0 | 28.7 | 4.2 | 0 | 0 | 0 | 3 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 11 | 36.6 | 28.9 | 7.4 | 0 | 0 | 1 | 3 | 2 | 3 | 1 | 1 | 0 | 0 | 0 | 0 |
| **07:00** | 18 | 31.5 | 28.6 | 2.7 | 0 | 0 | 0 | 1 | 12 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 47 | 33.6 | 27.2 | 6.2 | 0 | 3 | 1 | 13 | 12 | 15 | 3 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 35 | 34.5 | 27.9 | 6.3 | 1 | 0 | 2 | 7 | 10 | 12 | 3 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 28 | 34.4 | 28.1 | 6.1 | 1 | 0 | 1 | 4 | 11 | 9 | 2 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 32 | 35.3 | 28.6 | 6.4 | 0 | 1 | 3 | 4 | 8 | 12 | 4 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 29 | 31.8 | 25.1 | 6.5 | 0 | 2 | 5 | 6 | 9 | 6 | 1 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 28 | 32.2 | 25.4 | 6.6 | 0 | 3 | 2 | 6 | 12 | 3 | 2 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 48 | 35.2 | 28.1 | 6.9 | 1 | 2 | 2 | 8 | 12 | 19 | 3 | 1 | 0 | 0 | 0 | 0 |
| **15:00** | 32 | 33.7 | 27.5 | 6.0 | 0 | 1 | 1 | 9 | 11 | 6 | 4 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 50 | 36.3 | 31.1 | 5.1 | 0 | 0 | 1 | 2 | 19 | 18 | 9 | 0 | 1 | 0 | 0 | 0 |
| **17:00** | 36 | 37.4 | 30.7 | 6.5 | 0 | 2 | 0 | 1 | 13 | 12 | 6 | 2 | 0 | 0 | 0 | 0 |
| **18:00** | 39 | 36.0 | 31.0 | 4.9 | 0 | 1 | 0 | 0 | 16 | 14 | 8 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 17 | 32.2 | 27.2 | 4.8 | 0 | 0 | 1 | 4 | 8 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 5 | 38.4 | 30.5 | 7.6 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **21:00** | 8 | 31.4 | 27.5 | 3.8 | 0 | 0 | 0 | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 2 | 28.7 | 25.0 | 3.5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 60 | 34.8 | 28.3 | 6.2 | 1 | 1 | 4 | 8 | 19 | 21 | 6 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 80 | 34.6 | 27.9 | 6.5 | 1 | 3 | 3 | 17 | 23 | 25 | 7 | 1 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 422 | 34.9 | 28.5 | 6.2 | 3 | 15 | 18 | 61 | 145 | 131 | 45 | 3 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 484 | 34.7 | 28.4 | 6.1 | 3 | 15 | 20 | 76 | 169 | 148 | 47 | 5 | 1 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 06:00 | 00:00 | 06:00 | 09:00 | 08:00 | 11:00 | 08:00 | 07:00 | 08:00 | 11:00 | 06:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **47** | **36.6** | **32.5** | **7.4** | **1** | **3** | **3** | **13** | **12** | **15** | **4** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 16:00 | 20:00 | 16:00 | 20:00 | 14:00 | 13:00 | 12:00 | 15:00 | 16:00 | 14:00 | 16:00 | 17:00 | 16:00 | 12:00 | 12:00 | 12:00 |
| | **50** | **38.4** | **31.1** | **7.6** | **1** | **3** | **5** | **9** | **19** | **19** | **9** | **2** | **1** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 2 | 27.5 | 27.5 | 0.0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 25 | 32.5 | 27.5 | 4.8 | 0 | 0 | 2 | 5 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 20 | 34.5 | 28.5 | 5.8 | 0 | 0 | 1 | 4 | 8 | 5 | 1 | 1 | 0 | 0 | 0 | 0 |
| **07:00** | 57 | 34.0 | 28.6 | 5.2 | 0 | 0 | 5 | 5 | 25 | 18 | 3 | 1 | 0 | 0 | 0 | 0 |
| **08:00** | 88 | 33.4 | 26.7 | 6.5 | 0 | 6 | 5 | 22 | 26 | 23 | 5 | 1 | 0 | 0 | 0 | 0 |
| **09:00** | 60 | 33.8 | 27.5 | 6.1 | 1 | 2 | 2 | 12 | 21 | 18 | 4 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 69 | 32.0 | 24.1 | 7.7 | 4 | 8 | 6 | 14 | 21 | 14 | 2 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 59 | 33.2 | 26.1 | 6.9 | 0 | 4 | 9 | 11 | 15 | 16 | 4 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 54 | 31.5 | 24.6 | 6.6 | 1 | 4 | 6 | 16 | 17 | 7 | 3 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 66 | 32.6 | 26.1 | 6.3 | 0 | 5 | 3 | 18 | 26 | 9 | 4 | 1 | 0 | 0 | 0 | 0 |
| **14:00** | 92 | 34.2 | 27.1 | 6.9 | 1 | 5 | 8 | 16 | 27 | 30 | 3 | 1 | 1 | 0 | 0 | 0 |
| **15:00** | 70 | 34.6 | 28.4 | 5.9 | 0 | 2 | 1 | 13 | 31 | 15 | 6 | 1 | 1 | 0 | 0 | 0 |
| **16:00** | 75 | 35.7 | 29.6 | 5.9 | 0 | 1 | 2 | 12 | 24 | 23 | 12 | 0 | 1 | 0 | 0 | 0 |
| **17:00** | 63 | 36.0 | 28.9 | 6.9 | 0 | 4 | 2 | 7 | 22 | 17 | 9 | 2 | 0 | 0 | 0 | 0 |
| **18:00** | 60 | 35.1 | 29.5 | 5.4 | 0 | 1 | 2 | 6 | 23 | 19 | 9 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 37 | 31.9 | 25.7 | 5.9 | 0 | 1 | 6 | 8 | 14 | 6 | 2 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 15 | 34.7 | 27.8 | 6.7 | 0 | 1 | 0 | 2 | 9 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| **21:00** | 17 | 30.2 | 25.7 | 4.3 | 0 | 0 | 1 | 7 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 2 | 27.5 | 27.5 | 0.0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 4 | 28.8 | 26.3 | 2.5 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 128 | 32.6 | 25.0 | 7.4 | 4 | 12 | 15 | 25 | 36 | 30 | 6 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 162 | 34.4 | 27.7 | 6.5 | 1 | 7 | 9 | 29 | 58 | 45 | 9 | 2 | 2 | 0 | 0 | 0 |
| **12H(7-19)** | 813 | 34.1 | 27.3 | 6.6 | 7 | 42 | 51 | 152 | 278 | 209 | 64 | 7 | 3 | 0 | 0 | 0 |
| **24H(0-24)** | 938 | 33.9 | 27.2 | 6.5 | 7 | 44 | 61 | 180 | 331 | 235 | 68 | 9 | 3 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 06:00 | 00:00 | 10:00 | 10:00 | 10:00 | 11:00 | 08:00 | 08:00 | 08:00 | 08:00 | 06:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **88** | **34.5** | **32.5** | **7.7** | **4** | **8** | **9** | **22** | **26** | **23** | **5** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 14:00 | 17:00 | 16:00 | 14:00 | 12:00 | 13:00 | 14:00 | 13:00 | 15:00 | 14:00 | 16:00 | 17:00 | 14:00 | 12:00 | 12:00 | 12:00 |
| | **92** | **36.0** | **29.6** | **6.9** | **1** | **5** | **8** | **18** | **31** | **30** | **12** | **2** | **1** | **0** | **0** | **0** |

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

**09/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 2 | 44.8 | 37.5 | 7.1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **05:00** | 11 | 29.5 | 25.2 | 4.1 | 0 | 0 | 1 | 4 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 12 | 33.3 | 27.5 | 5.6 | 0 | 1 | 0 | 1 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 33 | 32.0 | 26.3 | 5.5 | 1 | 1 | 0 | 8 | 17 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 35 | 32.9 | 25.7 | 7.0 | 2 | 2 | 1 | 8 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 30 | 32.4 | 26.8 | 5.4 | 0 | 2 | 0 | 6 | 15 | 6 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 18 | 30.1 | 25.3 | 4.6 | 0 | 0 | 2 | 7 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 24 | 34.1 | 27.7 | 6.2 | 0 | 1 | 1 | 4 | 11 | 5 | 1 | 1 | 0 | 0 | 0 | 0 |
| **12:00** | 26 | 33.4 | 26.0 | 7.1 | 1 | 2 | 1 | 4 | 12 | 4 | 2 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 30 | 31.7 | 23.9 | 7.6 | 2 | 2 | 5 | 5 | 10 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 39 | 32.9 | 25.5 | 7.2 | 1 | 2 | 4 | 9 | 17 | 3 | 2 | 0 | 1 | 0 | 0 | 0 |
| **15:00** | 39 | 35.4 | 28.5 | 6.6 | 0 | 3 | 1 | 5 | 10 | 16 | 4 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 44 | 33.6 | 27.1 | 6.3 | 1 | 2 | 2 | 6 | 20 | 10 | 3 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 27 | 33.4 | 28.2 | 4.9 | 0 | 0 | 2 | 3 | 13 | 7 | 2 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 20 | 37.3 | 30.8 | 6.3 | 0 | 0 | 1 | 0 | 10 | 6 | 1 | 1 | 1 | 0 | 0 | 0 |
| **19:00** | 13 | 29.4 | 24.8 | 4.4 | 0 | 0 | 1 | 7 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 17 | 35.7 | 27.2 | 8.2 | 0 | 1 | 2 | 3 | 6 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| **21:00** | 14 | 30.2 | 26.8 | 3.3 | 0 | 0 | 0 | 4 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 5 | 28.3 | 25.5 | 2.7 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 42 | 32.5 | 26.7 | 5.6 | 0 | 1 | 3 | 11 | 17 | 8 | 1 | 1 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 78 | 34.3 | 27.0 | 7.0 | 1 | 5 | 5 | 14 | 27 | 19 | 6 | 0 | 1 | 0 | 0 | 0 |
| **12H(7-19)** | 365 | 33.5 | 26.7 | 6.5 | 8 | 17 | 20 | 65 | 152 | 81 | 18 | 2 | 2 | 0 | 0 | 0 |
| **24H(0-24)** | 441 | 33.4 | 26.8 | 6.4 | 8 | 19 | 24 | 86 | 183 | 95 | 19 | 4 | 3 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 04:00 | 01:00 | 04:00 | 08:00 | 08:00 | 10:00 | 07:00 | 07:00 | 08:00 | 07:00 | 01:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **35** | **44.8** | **42.5** | **7.1** | **2** | **2** | **2** | **8** | **17** | **11** | **1** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 16:00 | 18:00 | 23:00 | 20:00 | 13:00 | 15:00 | 13:00 | 14:00 | 16:00 | 15:00 | 15:00 | 18:00 | 14:00 | 12:00 | 12:00 | 12:00 |
| | **44** | **37.3** | **32.5** | **8.2** | **2** | **3** | **5** | **9** | **20** | **16** | **4** | **1** | **1** | **0** | **0** | **0** |



**Direction: Westbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 12 | 33.2 | 28.8 | 4.3 | 0 | 0 | 0 | 2 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 14 | 35.6 | 29.6 | 5.8 | 0 | 0 | 1 | 1 | 6 | 3 | 3 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 29 | 36.1 | 29.6 | 6.3 | 0 | 1 | 1 | 4 | 8 | 9 | 6 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 36 | 32.4 | 27.8 | 4.5 | 0 | 0 | 1 | 9 | 14 | 11 | 1 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 23 | 32.1 | 25.5 | 6.3 | 0 | 1 | 4 | 5 | 7 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 28 | 32.1 | 27.3 | 4.6 | 0 | 0 | 2 | 4 | 17 | 3 | 2 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 32 | 35.4 | 30.2 | 5.1 | 0 | 0 | 0 | 4 | 14 | 8 | 5 | 1 | 0 | 0 | 0 | 0 |
| **12:00** | 39 | 35.3 | 29.3 | 5.8 | 0 | 1 | 1 | 5 | 15 | 10 | 7 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 28 | 34.2 | 28.4 | 5.6 | 0 | 1 | 1 | 3 | 13 | 7 | 3 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 44 | 35.1 | 28.6 | 6.3 | 0 | 0 | 3 | 10 | 14 | 10 | 5 | 2 | 0 | 0 | 0 | 0 |
| **15:00** | 60 | 36.3 | 29.0 | 7.0 | 1 | 2 | 2 | 8 | 19 | 19 | 7 | 1 | 1 | 0 | 0 | 0 |
| **16:00** | 44 | 36.4 | 28.4 | 7.7 | 0 | 2 | 5 | 5 | 15 | 8 | 7 | 1 | 1 | 0 | 0 | 0 |
| **17:00** | 52 | 36.9 | 29.8 | 6.8 | 1 | 2 | 0 | 3 | 21 | 17 | 4 | 4 | 0 | 0 | 0 | 0 |
| **18:00** | 37 | 37.3 | 30.6 | 6.5 | 0 | 2 | 0 | 1 | 15 | 10 | 7 | 2 | 0 | 0 | 0 | 0 |
| **19:00** | 21 | 35.0 | 27.5 | 7.2 | 0 | 1 | 3 | 2 | 8 | 3 | 4 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 9 | 35.0 | 29.7 | 5.1 | 0 | 0 | 0 | 2 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 12 | 32.2 | 27.1 | 5.0 | 0 | 0 | 0 | 5 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 5 | 31.2 | 23.5 | 7.4 | 0 | 1 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 60 | 34.0 | 28.8 | 5.0 | 0 | 0 | 2 | 8 | 31 | 11 | 7 | 1 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 104 | 35.8 | 28.9 | 6.7 | 1 | 2 | 5 | 18 | 33 | 29 | 12 | 3 | 1 | 0 | 0 | 0 |
| **12H(7-19)** | 452 | 35.4 | 28.9 | 6.3 | 2 | 12 | 20 | 61 | 172 | 117 | 55 | 11 | 2 | 0 | 0 | 0 |
| **24H(0-24)** | 528 | 35.2 | 28.7 | 6.2 | 2 | 14 | 24 | 75 | 202 | 133 | 65 | 11 | 2 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 07:00 | 11:00 | 09:00 | 00:00 | 07:00 | 09:00 | 08:00 | 10:00 | 08:00 | 07:00 | 11:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **36** | **36.1** | **30.2** | **6.3** | **0** | **1** | **4** | **9** | **17** | **11** | **6** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 15:00 | 18:00 | 18:00 | 16:00 | 15:00 | 15:00 | 16:00 | 14:00 | 17:00 | 15:00 | 12:00 | 17:00 | 15:00 | 12:00 | 12:00 | 12:00 |
| | **60** | **37.3** | **30.6** | **7.7** | **1** | **2** | **5** | **10** | **21** | **19** | **7** | **4** | **1** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 3 | 42.1 | 34.2 | 7.6 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **05:00** | 23 | 31.7 | 27.1 | 4.5 | 0 | 0 | 1 | 6 | 11 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 26 | 34.6 | 28.7 | 5.7 | 0 | 1 | 1 | 2 | 12 | 7 | 3 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 62 | 34.2 | 27.8 | 6.1 | 1 | 2 | 1 | 12 | 25 | 14 | 7 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 71 | 32.9 | 26.7 | 5.9 | 2 | 2 | 2 | 17 | 25 | 22 | 1 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 53 | 32.3 | 26.3 | 5.8 | 0 | 3 | 4 | 11 | 22 | 11 | 2 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 46 | 31.4 | 26.5 | 4.7 | 0 | 0 | 4 | 11 | 23 | 6 | 2 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 56 | 35.0 | 29.1 | 5.6 | 0 | 1 | 1 | 8 | 25 | 13 | 6 | 2 | 0 | 0 | 0 | 0 |
| **12:00** | 65 | 34.7 | 28.0 | 6.5 | 1 | 3 | 2 | 9 | 27 | 14 | 9 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 58 | 33.3 | 26.1 | 7.0 | 2 | 3 | 6 | 8 | 23 | 12 | 4 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 83 | 34.3 | 27.1 | 6.9 | 1 | 2 | 7 | 19 | 31 | 13 | 7 | 2 | 1 | 0 | 0 | 0 |
| **15:00** | 99 | 35.9 | 28.8 | 6.8 | 1 | 5 | 3 | 13 | 29 | 35 | 11 | 1 | 1 | 0 | 0 | 0 |
| **16:00** | 88 | 35.0 | 27.7 | 7.1 | 1 | 4 | 7 | 11 | 35 | 18 | 10 | 1 | 1 | 0 | 0 | 0 |
| **17:00** | 79 | 35.7 | 29.3 | 6.2 | 1 | 2 | 2 | 6 | 34 | 24 | 6 | 4 | 0 | 0 | 0 | 0 |
| **18:00** | 57 | 37.3 | 30.7 | 6.4 | 0 | 2 | 1 | 1 | 25 | 16 | 8 | 3 | 1 | 0 | 0 | 0 |
| **19:00** | 34 | 33.1 | 26.5 | 6.4 | 0 | 1 | 4 | 9 | 11 | 5 | 4 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 26 | 35.6 | 28.1 | 7.3 | 0 | 1 | 2 | 5 | 8 | 7 | 2 | 0 | 1 | 0 | 0 | 0 |
| **21:00** | 26 | 31.2 | 26.9 | 4.1 | 0 | 0 | 0 | 9 | 12 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 10 | 30.1 | 24.5 | 5.4 | 0 | 1 | 0 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 2 | 33.7 | 30.0 | 3.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 102 | 33.5 | 27.9 | 5.4 | 0 | 1 | 5 | 19 | 48 | 19 | 8 | 2 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 182 | 35.2 | 28.1 | 6.9 | 2 | 7 | 10 | 32 | 60 | 48 | 18 | 3 | 2 | 0 | 0 | 0 |
| **12H(7-19)** | 817 | 34.6 | 27.9 | 6.5 | 10 | 29 | 40 | 126 | 324 | 198 | 73 | 13 | 4 | 0 | 0 | 0 |
| **24H(0-24)** | 969 | 34.5 | 27.8 | 6.4 | 10 | 33 | 48 | 161 | 385 | 228 | 84 | 15 | 5 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 04:00 | 01:00 | 04:00 | 08:00 | 09:00 | 09:00 | 08:00 | 07:00 | 08:00 | 07:00 | 11:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **71** | **42.1** | **42.5** | **7.6** | **2** | **3** | **4** | **17** | **25** | **22** | **7** | **2** | **0** | **0** | **0** | **0** |
| **PM Peak** | 15:00 | 18:00 | 18:00 | 20:00 | 13:00 | 15:00 | 14:00 | 14:00 | 16:00 | 15:00 | 15:00 | 17:00 | 14:00 | 12:00 | 12:00 | 12:00 |
| | **99** | **37.3** | **30.7** | **7.3** | **2** | **5** | **7** | **19** | **35** | **35** | **11** | **4** | **1** | **0** | **0** | **0** |

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

**10/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 3 | 47.9 | 37.5 | 10.0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 4 | 30.3 | 23.8 | 6.3 | 0 | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 7 | 32.7 | 27.5 | 5.0 | 0 | 0 | 0 | 2 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 10 | 31.5 | 24.5 | 6.7 | 0 | 1 | 2 | 1 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 34 | 31.6 | 26.3 | 5.1 | 0 | 0 | 4 | 7 | 18 | 4 | 0 | 1 | 0 | 0 | 0 | 0 |
| **09:00** | 32 | 33.7 | 27.3 | 6.2 | 0 | 2 | 1 | 6 | 13 | 7 | 3 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 23 | 33.2 | 26.8 | 6.1 | 0 | 0 | 3 | 6 | 8 | 3 | 3 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 35 | 33.9 | 27.4 | 6.4 | 0 | 3 | 1 | 5 | 13 | 11 | 2 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 27 | 32.3 | 26.0 | 6.0 | 0 | 1 | 3 | 8 | 7 | 7 | 1 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 26 | 35.9 | 27.3 | 8.3 | 0 | 2 | 4 | 3 | 7 | 6 | 2 | 2 | 0 | 0 | 0 | 0 |
| **14:00** | 22 | 38.0 | 28.9 | 8.8 | 1 | 0 | 0 | 4 | 10 | 4 | 2 | 0 | 0 | 0 | 1 | 0 |
| **15:00** | 28 | 33.6 | 26.3 | 7.1 | 1 | 1 | 2 | 6 | 11 | 5 | 1 | 1 | 0 | 0 | 0 | 0 |
| **16:00** | 19 | 38.3 | 31.2 | 6.8 | 0 | 0 | 0 | 3 | 7 | 4 | 3 | 1 | 1 | 0 | 0 | 0 |
| **17:00** | 21 | 32.9 | 27.5 | 5.2 | 0 | 0 | 2 | 4 | 8 | 6 | 1 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 17 | 36.3 | 29.3 | 6.8 | 0 | 0 | 2 | 2 | 5 | 5 | 2 | 1 | 0 | 0 | 0 | 0 |
| **19:00** | 15 | 35.4 | 26.6 | 8.5 | 2 | 0 | 0 | 2 | 5 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 13 | 30.5 | 27.5 | 2.9 | 0 | 0 | 0 | 2 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 5 | 31.2 | 27.5 | 3.5 | 0 | 0 | 0 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 4 | 33.0 | 30.0 | 2.9 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 5 | 34.2 | 28.5 | 5.5 | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 58 | 33.6 | 27.2 | 6.2 | 0 | 3 | 4 | 11 | 21 | 14 | 5 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 50 | 35.6 | 27.4 | 7.9 | 2 | 1 | 2 | 10 | 21 | 9 | 3 | 1 | 0 | 0 | 1 | 0 |
| **12H(7-19)** | 294 | 34.3 | 27.4 | 6.7 | 2 | 10 | 24 | 55 | 111 | 64 | 20 | 6 | 1 | 0 | 1 | 0 |
| **24H(0-24)** | 351 | 34.2 | 27.4 | 6.6 | 4 | 10 | 26 | 66 | 135 | 78 | 23 | 6 | 2 | 0 | 1 | 0 |
| **AM Peak** | 11:00 | 00:00 | 00:00 | 00:00 | 00:00 | 11:00 | 08:00 | 08:00 | 08:00 | 11:00 | 09:00 | 08:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **35** | **47.9** | **37.5** | **10.0** | **0** | **3** | **4** | **7** | **18** | **11** | **3** | **1** | **1** | **0** | **0** | **0** |
| **PM Peak** | 15:00 | 16:00 | 16:00 | 14:00 | 19:00 | 13:00 | 13:00 | 12:00 | 15:00 | 12:00 | 16:00 | 13:00 | 16:00 | 12:00 | 14:00 | 12:00 |
| | **28** | **38.3** | **31.2** | **8.8** | **2** | **2** | **4** | **8** | **11** | **7** | **3** | **2** | **1** | **0** | **1** | **0** |



**Direction: Westbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 4 | 33.0 | 30.0 | 2.9 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 1 | - | 37.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 3 | 32.2 | 29.2 | 2.9 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 2 | 32.5 | 32.5 | 0.0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 37 | 32.9 | 27.6 | 5.1 | 0 | 1 | 1 | 7 | 17 | 9 | 2 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 36 | 34.3 | 27.4 | 6.7 | 0 | 3 | 0 | 9 | 12 | 7 | 5 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 23 | 35.7 | 29.9 | 5.6 | 0 | 1 | 0 | 1 | 10 | 7 | 4 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 38 | 33.8 | 28.0 | 5.5 | 0 | 1 | 2 | 7 | 12 | 14 | 2 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 29 | 35.0 | 29.2 | 5.6 | 0 | 0 | 1 | 5 | 11 | 8 | 3 | 1 | 0 | 0 | 0 | 0 |
| **12:00** | 35 | 34.4 | 27.5 | 6.6 | 0 | 1 | 5 | 4 | 13 | 7 | 5 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 24 | 35.4 | 28.5 | 6.6 | 0 | 1 | 2 | 2 | 8 | 9 | 1 | 1 | 0 | 0 | 0 | 0 |
| **14:00** | 38 | 38.0 | 27.2 | 10.5 | 4 | 3 | 2 | 4 | 7 | 9 | 7 | 1 | 1 | 0 | 0 | 0 |
| **15:00** | 27 | 34.8 | 26.6 | 7.9 | 2 | 1 | 2 | 2 | 10 | 8 | 2 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 21 | 37.4 | 31.5 | 5.6 | 0 | 0 | 1 | 0 | 8 | 6 | 5 | 1 | 0 | 0 | 0 | 0 |
| **17:00** | 20 | 36.8 | 30.0 | 6.6 | 0 | 1 | 0 | 3 | 5 | 6 | 5 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 24 | 35.9 | 31.7 | 4.1 | 0 | 0 | 0 | 1 | 7 | 11 | 5 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 20 | 34.4 | 29.3 | 4.9 | 0 | 0 | 0 | 4 | 8 | 5 | 3 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 5 | 37.5 | 30.5 | 6.7 | 0 | 0 | 0 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 9 | 37.4 | 31.9 | 5.3 | 0 | 0 | 0 | 1 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 4 | 31.2 | 26.3 | 4.8 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 2 | 23.7 | 20.0 | 3.5 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 67 | 34.3 | 28.5 | 5.5 | 0 | 1 | 3 | 12 | 23 | 22 | 5 | 1 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 65 | 36.7 | 26.9 | 9.4 | 6 | 4 | 4 | 6 | 17 | 17 | 9 | 1 | 1 | 0 | 0 | 0 |
| **12H(7-19)** | 352 | 35.5 | 28.5 | 6.8 | 6 | 13 | 16 | 45 | 120 | 101 | 46 | 4 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 403 | 35.5 | 28.6 | 6.6 | 6 | 13 | 17 | 54 | 137 | 116 | 55 | 4 | 1 | 0 | 0 | 0 |
| **AM Peak** | 10:00 | 09:00 | 02:00 | 08:00 | 00:00 | 08:00 | 10:00 | 08:00 | 07:00 | 10:00 | 08:00 | 11:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **38** | **35.7** | **37.5** | **6.7** | **0** | **3** | **2** | **9** | **17** | **14** | **5** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 14:00 | 14:00 | 21:00 | 14:00 | 14:00 | 14:00 | 12:00 | 12:00 | 12:00 | 18:00 | 14:00 | 13:00 | 14:00 | 12:00 | 12:00 | 12:00 |
| | **38** | **38.0** | **31.9** | **10.5** | **4** | **3** | **5** | **4** | **13** | **11** | **7** | **1** | **1** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 7 | 40.8 | 33.2 | 7.3 | 0 | 0 | 0 | 0 | 3 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 2 | 42.2 | 27.5 | 14.1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 3 | 32.2 | 29.2 | 2.9 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 4 | 30.3 | 23.8 | 6.3 | 0 | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 9 | 33.6 | 28.6 | 4.9 | 0 | 0 | 0 | 2 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 47 | 32.7 | 27.0 | 5.5 | 0 | 2 | 3 | 8 | 21 | 11 | 2 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 70 | 33.0 | 26.9 | 6.0 | 0 | 3 | 4 | 16 | 30 | 11 | 5 | 1 | 0 | 0 | 0 | 0 |
| **09:00** | 55 | 34.6 | 28.4 | 6.0 | 0 | 3 | 1 | 7 | 23 | 14 | 7 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 61 | 33.5 | 27.6 | 5.7 | 0 | 1 | 5 | 13 | 20 | 17 | 5 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 64 | 34.5 | 28.2 | 6.0 | 0 | 3 | 2 | 10 | 24 | 19 | 5 | 1 | 0 | 0 | 0 | 0 |
| **12:00** | 62 | 33.5 | 26.9 | 6.4 | 0 | 2 | 8 | 12 | 20 | 14 | 6 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 50 | 35.7 | 27.9 | 7.5 | 0 | 3 | 6 | 5 | 15 | 15 | 3 | 3 | 0 | 0 | 0 | 0 |
| **14:00** | 60 | 38.0 | 27.8 | 9.8 | 5 | 3 | 2 | 8 | 17 | 13 | 9 | 1 | 1 | 0 | 1 | 0 |
| **15:00** | 55 | 34.1 | 26.4 | 7.4 | 3 | 2 | 4 | 8 | 21 | 13 | 3 | 1 | 0 | 0 | 0 | 0 |
| **16:00** | 40 | 37.7 | 31.4 | 6.1 | 0 | 0 | 1 | 3 | 15 | 10 | 8 | 2 | 1 | 0 | 0 | 0 |
| **17:00** | 41 | 34.9 | 28.7 | 6.0 | 0 | 1 | 2 | 7 | 13 | 12 | 6 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 41 | 36.3 | 30.7 | 5.4 | 0 | 0 | 2 | 3 | 12 | 16 | 7 | 1 | 0 | 0 | 0 | 0 |
| **19:00** | 35 | 35.1 | 28.1 | 6.7 | 2 | 0 | 0 | 6 | 13 | 10 | 4 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 18 | 32.8 | 28.3 | 4.3 | 0 | 0 | 0 | 3 | 11 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 14 | 35.6 | 30.4 | 5.1 | 0 | 0 | 0 | 2 | 5 | 4 | 3 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 8 | 32.4 | 28.1 | 4.2 | 0 | 0 | 0 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 7 | 32.6 | 26.1 | 6.3 | 0 | 0 | 1 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 125 | 34.0 | 27.9 | 5.9 | 0 | 4 | 7 | 23 | 44 | 36 | 10 | 1 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 115 | 36.2 | 27.1 | 8.8 | 8 | 5 | 6 | 16 | 38 | 26 | 12 | 2 | 1 | 0 | 1 | 0 |
| **12H(7-19)** | 646 | 34.9 | 28.0 | 6.7 | 8 | 23 | 40 | 100 | 231 | 165 | 66 | 10 | 2 | 0 | 1 | 0 |
| **24H(0-24)** | 754 | 34.9 | 28.1 | 6.6 | 10 | 23 | 43 | 120 | 272 | 194 | 78 | 10 | 3 | 0 | 1 | 0 |
| **AM Peak** | 08:00 | 02:00 | 00:00 | 02:00 | 00:00 | 08:00 | 10:00 | 08:00 | 08:00 | 11:00 | 09:00 | 08:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **70** | **42.2** | **33.2** | **14.1** | **0** | **3** | **5** | **16** | **30** | **19** | **7** | **1** | **1** | **0** | **0** | **0** |
| **PM Peak** | 12:00 | 14:00 | 16:00 | 14:00 | 14:00 | 13:00 | 12:00 | 12:00 | 15:00 | 18:00 | 14:00 | 13:00 | 14:00 | 12:00 | 14:00 | 12:00 |
| | **62** | **38.0** | **31.4** | **9.8** | **5** | **3** | **8** | **12** | **21** | **16** | **9** | **3** | **1** | **0** | **1** | **0** |

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

**11/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 1 | - | 37.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 2 | 33.7 | 30.0 | 3.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 4 | 33.0 | 30.0 | 2.9 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 5 | 28.8 | 26.5 | 2.2 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 15 | 30.3 | 24.8 | 5.3 | 0 | 0 | 4 | 2 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 21 | 32.6 | 24.2 | 8.1 | 0 | 5 | 1 | 3 | 8 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 19 | 31.9 | 25.9 | 5.8 | 0 | 2 | 0 | 4 | 9 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 23 | 31.8 | 24.2 | 7.3 | 0 | 4 | 2 | 5 | 7 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 21 | 31.9 | 24.6 | 7.0 | 0 | 3 | 2 | 4 | 8 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 16 | 35.6 | 28.4 | 6.9 | 0 | 1 | 1 | 1 | 6 | 6 | 0 | 1 | 0 | 0 | 0 | 0 |
| **14:00** | 14 | 35.3 | 26.1 | 8.9 | 0 | 2 | 1 | 2 | 6 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| **15:00** | 16 | 34.7 | 29.7 | 4.8 | 0 | 0 | 1 | 0 | 8 | 5 | 2 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 16 | 34.7 | 24.1 | 10.2 | 2 | 3 | 0 | 1 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 33 | 30.7 | 26.0 | 4.6 | 0 | 1 | 2 | 8 | 17 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 19 | 36.8 | 28.8 | 7.7 | 1 | 0 | 0 | 3 | 7 | 6 | 1 | 0 | 1 | 0 | 0 | 0 |
| **19:00** | 7 | 30.4 | 26.8 | 3.5 | 0 | 0 | 0 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 9 | 38.1 | 30.3 | 7.5 | 0 | 0 | 0 | 2 | 3 | 3 | 0 | 0 | 1 | 0 | 0 | 0 |
| **21:00** | 2 | 38.7 | 35.0 | 3.5 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 3 | 33.8 | 30.8 | 2.9 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 42 | 31.9 | 25.0 | 6.6 | 0 | 6 | 2 | 9 | 16 | 8 | 1 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 30 | 35.4 | 28.0 | 7.1 | 0 | 2 | 2 | 2 | 14 | 7 | 2 | 0 | 1 | 0 | 0 | 0 |
| **12H(7-19)** | 218 | 33.2 | 26.0 | 7.0 | 3 | 21 | 14 | 34 | 92 | 42 | 9 | 1 | 2 | 0 | 0 | 0 |
| **24H(0-24)** | 249 | 33.6 | 26.4 | 6.9 | 3 | 21 | 15 | 39 | 104 | 52 | 11 | 1 | 3 | 0 | 0 | 0 |
| **AM Peak** | 11:00 | 04:00 | 01:00 | 09:00 | 00:00 | 09:00 | 08:00 | 11:00 | 10:00 | 10:00 | 09:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **23** | **33.7** | **37.5** | **8.1** | **0** | **5** | **4** | **5** | **9** | **4** | **2** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 17:00 | 21:00 | 21:00 | 16:00 | 16:00 | 12:00 | 12:00 | 17:00 | 17:00 | 13:00 | 15:00 | 13:00 | 14:00 | 12:00 | 12:00 | 12:00 |
| | **33** | **38.7** | **35.0** | **10.2** | **2** | **3** | **2** | **8** | **17** | **6** | **2** | **1** | **1** | **0** | **0** | **0** |



**Direction: Westbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 5 | 34.1 | 29.5 | 4.5 | 0 | 0 | 0 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 2 | 46.0 | 35.0 | 10.6 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **07:00** | 15 | 36.9 | 30.5 | 6.2 | 0 | 0 | 1 | 1 | 5 | 5 | 2 | 1 | 0 | 0 | 0 | 0 |
| **08:00** | 21 | 35.1 | 27.5 | 7.3 | 1 | 0 | 3 | 1 | 7 | 7 | 2 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 10 | 36.6 | 27.0 | 9.3 | 0 | 1 | 2 | 1 | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 17 | 37.3 | 29.0 | 8.1 | 0 | 1 | 1 | 2 | 6 | 4 | 2 | 0 | 1 | 0 | 0 | 0 |
| **11:00** | 35 | 32.3 | 25.8 | 6.3 | 0 | 3 | 2 | 10 | 10 | 9 | 1 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 29 | 32.8 | 25.1 | 7.5 | 1 | 3 | 2 | 7 | 7 | 8 | 1 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 24 | 34.5 | 28.8 | 5.6 | 0 | 1 | 0 | 4 | 8 | 9 | 2 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 20 | 36.8 | 28.5 | 8.0 | 0 | 2 | 0 | 6 | 1 | 6 | 5 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 24 | 39.4 | 31.1 | 8.1 | 1 | 1 | 0 | 0 | 7 | 8 | 6 | 0 | 1 | 0 | 0 | 0 |
| **16:00** | 21 | 35.5 | 27.7 | 7.5 | 0 | 1 | 3 | 3 | 5 | 5 | 4 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 30 | 37.6 | 29.3 | 7.9 | 0 | 2 | 4 | 0 | 8 | 7 | 9 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 23 | 35.5 | 27.1 | 8.1 | 2 | 1 | 0 | 2 | 9 | 8 | 0 | 1 | 0 | 0 | 0 | 0 |
| **19:00** | 16 | 34.8 | 30.6 | 4.0 | 0 | 0 | 0 | 1 | 6 | 7 | 2 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 5 | 31.2 | 27.5 | 3.5 | 0 | 0 | 0 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 5 | 32.8 | 28.5 | 4.2 | 0 | 0 | 0 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 5 | 33.3 | 30.5 | 2.7 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 1 | - | 37.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 52 | 34.1 | 26.8 | 7.0 | 0 | 4 | 3 | 12 | 16 | 13 | 3 | 0 | 1 | 0 | 0 | 0 |
| **2H(14-16)** | 44 | 38.3 | 29.9 | 8.1 | 1 | 3 | 0 | 6 | 8 | 14 | 11 | 0 | 1 | 0 | 0 | 0 |
| **12H(7-19)** | 269 | 35.7 | 28.0 | 7.5 | 5 | 16 | 18 | 37 | 75 | 77 | 37 | 2 | 2 | 0 | 0 | 0 |
| **24H(0-24)** | 310 | 35.7 | 28.3 | 7.2 | 5 | 16 | 18 | 41 | 91 | 94 | 40 | 3 | 2 | 0 | 0 | 0 |
| **AM Peak** | 11:00 | 06:00 | 06:00 | 06:00 | 08:00 | 11:00 | 08:00 | 11:00 | 11:00 | 11:00 | 09:00 | 06:00 | 10:00 | 00:00 | 00:00 | 00:00 |
| | **35** | **46.0** | **35.0** | **10.6** | **1** | **3** | **3** | **10** | **10** | **9** | **3** | **1** | **1** | **0** | **0** | **0** |
| **PM Peak** | 17:00 | 15:00 | 23:00 | 18:00 | 18:00 | 12:00 | 17:00 | 12:00 | 18:00 | 13:00 | 17:00 | 18:00 | 15:00 | 12:00 | 12:00 | 12:00 |
| | **30** | **39.4** | **37.5** | **8.1** | **2** | **3** | **4** | **7** | **9** | **9** | **9** | **1** | **1** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 2 | 33.7 | 30.0 | 3.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 2 | 39.8 | 32.5 | 7.1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 5 | 34.1 | 29.5 | 4.5 | 0 | 0 | 0 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 2 | 33.7 | 30.0 | 3.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 6 | 37.7 | 31.7 | 5.8 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| **07:00** | 20 | 35.4 | 29.5 | 5.7 | 0 | 0 | 1 | 2 | 9 | 5 | 2 | 1 | 0 | 0 | 0 | 0 |
| **08:00** | 36 | 33.3 | 26.4 | 6.6 | 1 | 0 | 7 | 3 | 14 | 9 | 2 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 31 | 33.8 | 25.1 | 8.5 | 0 | 6 | 3 | 4 | 10 | 3 | 5 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 36 | 34.6 | 27.4 | 7.0 | 0 | 3 | 1 | 6 | 15 | 8 | 2 | 0 | 1 | 0 | 0 | 0 |
| **11:00** | 58 | 32.1 | 25.2 | 6.7 | 0 | 7 | 4 | 15 | 17 | 13 | 2 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 50 | 32.4 | 24.9 | 7.2 | 1 | 6 | 4 | 11 | 15 | 11 | 2 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 40 | 34.9 | 28.6 | 6.0 | 0 | 2 | 1 | 5 | 14 | 15 | 2 | 1 | 0 | 0 | 0 | 0 |
| **14:00** | 34 | 36.2 | 27.5 | 8.3 | 0 | 4 | 1 | 8 | 7 | 8 | 5 | 0 | 1 | 0 | 0 | 0 |
| **15:00** | 40 | 37.7 | 30.5 | 6.9 | 1 | 1 | 1 | 0 | 15 | 13 | 8 | 0 | 1 | 0 | 0 | 0 |
| **16:00** | 37 | 35.3 | 26.2 | 8.8 | 2 | 4 | 3 | 4 | 10 | 8 | 6 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 63 | 34.4 | 27.6 | 6.6 | 0 | 3 | 6 | 8 | 25 | 12 | 9 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 42 | 36.1 | 27.9 | 7.9 | 3 | 1 | 0 | 5 | 16 | 14 | 1 | 1 | 1 | 0 | 0 | 0 |
| **19:00** | 23 | 33.8 | 29.5 | 4.2 | 0 | 0 | 0 | 3 | 10 | 8 | 2 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 14 | 35.9 | 29.3 | 6.4 | 0 | 0 | 0 | 3 | 6 | 4 | 0 | 0 | 1 | 0 | 0 | 0 |
| **21:00** | 7 | 35.4 | 30.4 | 4.9 | 0 | 0 | 0 | 1 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 8 | 33.3 | 30.6 | 2.6 | 0 | 0 | 0 | 0 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 2 | 41.0 | 30.0 | 10.6 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 94 | 33.1 | 26.0 | 6.9 | 0 | 10 | 5 | 21 | 32 | 21 | 4 | 0 | 1 | 0 | 0 | 0 |
| **2H(14-16)** | 74 | 37.1 | 29.1 | 7.7 | 1 | 5 | 2 | 8 | 22 | 21 | 13 | 0 | 2 | 0 | 0 | 0 |
| **12H(7-19)** | 487 | 34.7 | 27.1 | 7.3 | 8 | 37 | 32 | 71 | 167 | 119 | 46 | 3 | 4 | 0 | 0 | 0 |
| **24H(0-24)** | 559 | 34.8 | 27.4 | 7.1 | 8 | 37 | 33 | 80 | 195 | 146 | 51 | 4 | 5 | 0 | 0 | 0 |
| **AM Peak** | 11:00 | 01:00 | 01:00 | 09:00 | 08:00 | 11:00 | 08:00 | 11:00 | 11:00 | 11:00 | 09:00 | 06:00 | 10:00 | 00:00 | 00:00 | 00:00 |
| | **58** | **39.8** | **32.5** | **8.5** | **1** | **7** | **7** | **15** | **17** | **13** | **5** | **1** | **1** | **0** | **0** | **0** |
| **PM Peak** | 17:00 | 23:00 | 22:00 | 23:00 | 18:00 | 12:00 | 17:00 | 12:00 | 17:00 | 13:00 | 17:00 | 13:00 | 14:00 | 12:00 | 12:00 | 12:00 |
| | **63** | **41.0** | **30.6** | **10.6** | **3** | **6** | **6** | **11** | **25** | **15** | **9** | **1** | **1** | **0** | **0** | **0** |

# Tween Bridge ATC 6, Moor Edges Road

**Direction: Eastbound**

**12/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 2 | 33.7 | 30.0 | 3.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 6 | 31.2 | 25.8 | 5.2 | 0 | 0 | 1 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 15 | 34.1 | 28.5 | 5.4 | 0 | 0 | 1 | 2 | 7 | 3 | 2 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 35 | 33.1 | 26.7 | 6.2 | 1 | 2 | 0 | 8 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 37 | 33.4 | 27.1 | 6.1 | 0 | 3 | 1 | 6 | 14 | 12 | 1 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 26 | 32.5 | 26.2 | 6.1 | 0 | 1 | 3 | 7 | 7 | 7 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 31 | 32.0 | 24.6 | 7.2 | 0 | 5 | 1 | 8 | 13 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| **11:00** | 32 | 31.9 | 25.6 | 6.1 | 0 | 2 | 2 | 11 | 10 | 5 | 2 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 23 | 32.1 | 25.8 | 6.1 | 0 | 2 | 1 | 4 | 14 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **13:00** | 40 | 32.9 | 27.3 | 5.4 | 0 | 1 | 3 | 7 | 17 | 10 | 2 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 23 | 31.5 | 25.3 | 6.0 | 0 | 2 | 2 | 4 | 12 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 38 | 32.4 | 26.4 | 5.7 | 0 | 2 | 2 | 9 | 16 | 7 | 2 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 29 | 33.2 | 28.7 | 4.4 | 0 | 0 | 0 | 5 | 14 | 9 | 0 | 1 | 0 | 0 | 0 | 0 |
| **17:00** | 28 | 32.9 | 26.4 | 6.3 | 0 | 1 | 4 | 5 | 10 | 6 | 2 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 11 | 33.6 | 24.8 | 8.5 | 0 | 2 | 0 | 4 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **19:00** | 23 | 32.8 | 24.9 | 7.6 | 1 | 3 | 1 | 4 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 6 | 39.1 | 30.0 | 8.8 | 0 | 0 | 1 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 8 | 29.5 | 25.6 | 3.7 | 0 | 0 | 0 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 3 | 32.2 | 29.2 | 2.9 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 2 | 28.7 | 25.0 | 3.5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 63 | 31.9 | 25.1 | 6.6 | 0 | 7 | 3 | 19 | 23 | 7 | 3 | 1 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 61 | 32.0 | 26.0 | 5.8 | 0 | 4 | 4 | 13 | 28 | 9 | 3 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 353 | 32.7 | 26.4 | 6.1 | 1 | 23 | 19 | 78 | 142 | 74 | 12 | 4 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 418 | 32.8 | 26.4 | 6.1 | 2 | 26 | 23 | 91 | 167 | 88 | 17 | 4 | 0 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 06:00 | 04:00 | 10:00 | 07:00 | 10:00 | 09:00 | 11:00 | 08:00 | 07:00 | 06:00 | 10:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **37** | **34.1** | **30.0** | **7.2** | **1** | **5** | **3** | **11** | **14** | **12** | **2** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 13:00 | 20:00 | 20:00 | 20:00 | 19:00 | 19:00 | 17:00 | 15:00 | 13:00 | 13:00 | 20:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **40** | **39.1** | **30.0** | **8.8** | **1** | **3** | **4** | **9** | **17** | **10** | **3** | **1** | **0** | **0** | **0** | **0** |



**Direction: Westbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 2 | 34.8 | 27.5 | 7.1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 3 | 38.8 | 35.8 | 2.9 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 4 | 40.1 | 31.3 | 8.5 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **06:00** | 14 | 35.2 | 28.9 | 6.0 | 0 | 1 | 0 | 1 | 5 | 6 | 1 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 19 | 38.0 | 29.9 | 7.9 | 0 | 0 | 2 | 3 | 5 | 5 | 2 | 1 | 1 | 0 | 0 | 0 |
| **08:00** | 50 | 33.2 | 28.5 | 4.5 | 0 | 0 | 2 | 7 | 23 | 15 | 3 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 37 | 32.8 | 26.8 | 5.8 | 0 | 2 | 2 | 8 | 13 | 11 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 30 | 33.1 | 27.2 | 5.7 | 0 | 0 | 3 | 8 | 10 | 6 | 3 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 29 | 31.5 | 24.6 | 6.7 | 2 | 1 | 1 | 9 | 12 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 33 | 31.9 | 24.8 | 6.9 | 0 | 4 | 3 | 9 | 10 | 5 | 2 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 37 | 35.4 | 29.3 | 5.9 | 0 | 2 | 1 | 3 | 10 | 18 | 3 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 42 | 35.8 | 28.6 | 6.9 | 0 | 3 | 1 | 5 | 16 | 11 | 4 | 2 | 0 | 0 | 0 | 0 |
| **15:00** | 32 | 37.3 | 28.3 | 8.7 | 1 | 3 | 1 | 4 | 7 | 10 | 4 | 2 | 0 | 0 | 0 | 0 |
| **16:00** | 50 | 36.1 | 29.8 | 6.1 | 0 | 1 | 2 | 5 | 18 | 15 | 7 | 2 | 0 | 0 | 0 | 0 |
| **17:00** | 42 | 37.6 | 31.2 | 6.2 | 1 | 0 | 1 | 1 | 13 | 16 | 8 | 2 | 0 | 0 | 0 | 0 |
| **18:00** | 29 | 35.8 | 31.3 | 4.4 | 0 | 0 | 0 | 1 | 11 | 12 | 4 | 1 | 0 | 0 | 0 | 0 |
| **19:00** | 22 | 34.3 | 24.4 | 9.5 | 4 | 1 | 0 | 3 | 8 | 4 | 2 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 8 | 33.5 | 22.6 | 10.6 | 1 | 2 | 0 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 10 | 37.0 | 31.0 | 5.8 | 0 | 0 | 0 | 1 | 4 | 3 | 1 | 1 | 0 | 0 | 0 | 0 |
| **22:00** | 4 | 31.3 | 28.8 | 2.5 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 59 | 32.4 | 25.9 | 6.3 | 2 | 1 | 4 | 17 | 22 | 9 | 4 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 74 | 36.4 | 28.5 | 7.7 | 1 | 6 | 2 | 9 | 23 | 21 | 8 | 4 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 430 | 35.2 | 28.4 | 6.5 | 4 | 16 | 19 | 63 | 148 | 127 | 42 | 10 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 498 | 35.3 | 28.3 | 6.8 | 9 | 20 | 19 | 72 | 171 | 145 | 49 | 12 | 1 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 05:00 | 04:00 | 05:00 | 11:00 | 09:00 | 10:00 | 11:00 | 08:00 | 08:00 | 08:00 | 05:00 | 07:00 | 00:00 | 00:00 | 00:00 |
| | **50** | **40.1** | **35.8** | **8.5** | **2** | **2** | **3** | **9** | **23** | **15** | **3** | **1** | **1** | **0** | **0** | **0** |
| **PM Peak** | 16:00 | 17:00 | 18:00 | 20:00 | 19:00 | 12:00 | 12:00 | 12:00 | 16:00 | 13:00 | 17:00 | 14:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **50** | **37.6** | **31.3** | **10.6** | **4** | **4** | **3** | **9** | **18** | **18** | **8** | **2** | **0** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 2 | 34.8 | 27.5 | 7.1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 5 | 37.8 | 33.5 | 4.2 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 10 | 35.1 | 28.0 | 6.9 | 0 | 0 | 1 | 2 | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| **06:00** | 29 | 34.5 | 28.7 | 5.6 | 0 | 1 | 1 | 3 | 12 | 9 | 3 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 54 | 35.0 | 27.8 | 6.9 | 1 | 2 | 2 | 11 | 17 | 17 | 2 | 1 | 1 | 0 | 0 | 0 |
| **08:00** | 87 | 33.3 | 27.9 | 5.2 | 0 | 3 | 3 | 13 | 37 | 27 | 4 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 63 | 32.6 | 26.5 | 5.9 | 0 | 3 | 5 | 15 | 20 | 18 | 2 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 61 | 32.7 | 25.9 | 6.6 | 0 | 5 | 4 | 16 | 23 | 8 | 4 | 1 | 0 | 0 | 0 | 0 |
| **11:00** | 61 | 31.7 | 25.1 | 6.3 | 2 | 3 | 3 | 20 | 22 | 8 | 3 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 56 | 32.0 | 25.2 | 6.5 | 0 | 6 | 4 | 13 | 24 | 6 | 2 | 1 | 0 | 0 | 0 | 0 |
| **13:00** | 77 | 34.1 | 28.2 | 5.7 | 0 | 3 | 4 | 10 | 27 | 28 | 5 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 65 | 34.4 | 27.4 | 6.8 | 0 | 5 | 3 | 9 | 28 | 13 | 5 | 2 | 0 | 0 | 0 | 0 |
| **15:00** | 70 | 34.8 | 27.3 | 7.2 | 1 | 5 | 3 | 13 | 23 | 17 | 6 | 2 | 0 | 0 | 0 | 0 |
| **16:00** | 79 | 35.1 | 29.4 | 5.5 | 0 | 1 | 2 | 10 | 32 | 24 | 7 | 3 | 0 | 0 | 0 | 0 |
| **17:00** | 70 | 36.2 | 29.3 | 6.6 | 1 | 1 | 5 | 6 | 23 | 22 | 10 | 2 | 0 | 0 | 0 | 0 |
| **18:00** | 40 | 36.1 | 29.5 | 6.4 | 0 | 2 | 0 | 5 | 14 | 13 | 4 | 2 | 0 | 0 | 0 | 0 |
| **19:00** | 45 | 33.5 | 24.7 | 8.5 | 5 | 4 | 1 | 7 | 15 | 11 | 2 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 14 | 36.4 | 25.8 | 10.2 | 1 | 2 | 1 | 2 | 3 | 1 | 4 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 18 | 34.4 | 28.6 | 5.6 | 0 | 0 | 0 | 5 | 7 | 4 | 1 | 1 | 0 | 0 | 0 | 0 |
| **22:00** | 7 | 31.5 | 28.9 | 2.4 | 0 | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 2 | 28.7 | 25.0 | 3.5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 122 | 32.2 | 25.5 | 6.4 | 2 | 8 | 7 | 36 | 45 | 16 | 7 | 1 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 135 | 34.6 | 27.4 | 7.0 | 1 | 10 | 6 | 22 | 51 | 30 | 11 | 4 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 783 | 34.1 | 27.5 | 6.4 | 5 | 39 | 38 | 141 | 290 | 201 | 54 | 14 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 916 | 34.2 | 27.4 | 6.5 | 11 | 46 | 42 | 163 | 338 | 233 | 66 | 16 | 1 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 04:00 | 04:00 | 00:00 | 11:00 | 10:00 | 09:00 | 11:00 | 08:00 | 08:00 | 08:00 | 05:00 | 07:00 | 00:00 | 00:00 | 00:00 |
| | **87** | **37.8** | **33.5** | **7.1** | **2** | **5** | **5** | **20** | **37** | **27** | **4** | **1** | **1** | **0** | **0** | **0** |
| **PM Peak** | 16:00 | 20:00 | 18:00 | 20:00 | 19:00 | 12:00 | 17:00 | 12:00 | 16:00 | 13:00 | 17:00 | 16:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **79** | **36.4** | **29.5** | **10.2** | **5** | **6** | **5** | **13** | **32** | **28** | **10** | **3** | **0** | **0** | **0** | **0** |

## Tween Bridge ATC 7, High Bridge Road




**Direction: Southeastbound**

| Hour Beginning | Tue 06/06/2023 | Wed 07/06/2023 | Thu 08/06/2023 | Fri 09/06/2023 | Sat 10/06/2023 | Sun 11/06/2023 | Mon 12/06/2023 | 5-Day Ave. | 7-Day Ave. |
|---|---|---|---|---|---|---|---|---|---|
| 00:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 1 |
| 06:00 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 |
| 07:00 | 3 | 1 | 3 | 3 | 5 | 1 | 2 | 2 | 3 |
| 08:00 | 6 | 5 | 5 | 6 | 8 | 5 | 10 | 6 | 6 |
| 09:00 | 13 | 4 | 4 | 8 | 5 | 9 | 5 | 7 | 7 |
| 10:00 | 10 | 4 | 12 | 5 | 7 | 6 | 13 | 9 | 8 |
| 11:00 | 4 | 8 | 7 | 7 | 8 | 12 | 10 | 7 | 8 |
| 12:00 | 7 | 5 | 5 | 7 | 6 | 7 | 10 | 7 | 7 |
| 13:00 | 5 | 6 | 6 | 8 | 6 | 5 | 8 | 7 | 6 |
| 14:00 | 6 | 7 | 10 | 8 | 2 | 5 | 9 | 8 | 7 |
| 15:00 | 4 | 5 | 2 | 12 | 4 | 5 | 3 | 5 | 5 |
| 16:00 | 10 | 4 | 5 | 9 | 2 | 5 | 5 | 7 | 6 |
| 17:00 | 7 | 5 | 8 | 8 | 5 | 10 | 7 | 7 | 7 |
| 18:00 | 5 | 4 | 3 | 3 | 5 | 4 | 7 | 4 | 4 |
| 19:00 | 3 | 1 | 1 | 1 | 4 | 2 | 4 | 2 | 2 |
| 20:00 | 0 | 2 | 2 | 6 | 3 | 3 | 3 | 3 | 3 |
| 21:00 | 3 | 0 | 1 | 3 | 1 | 2 | 2 | 2 | 2 |
| 22:00 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 1 |
| 23:00 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 1 |
| Total | | | | | | | | | |
| 12H(7-19) | 80 | 58 | 70 | 84 | 63 | 74 | 89 | 76 | 74 |
| 16H(6-22) | 87 | 61 | 75 | 95 | 72 | 82 | 98 | 83 | 81 |
| 18H(6-24) | 88 | 62 | 76 | 96 | 79 | 83 | 99 | 84 | 83 |
| 24H(0-24) | 90 | 65 | 78 | 98 | 80 | 84 | 101 | 86 | 85 |
| AM Peak | 09:00 | 11:00 | 10:00 | 09:00 | 08:00 | 11:00 | 10:00 | 10:00 | 10:00 |
| | 13 | 8 | 12 | 8 | 8 | 12 | 13 | 9 | 8 |
| PM Peak | 16:00 | 14:00 | 14:00 | 15:00 | 12:00 | 17:00 | 12:00 | 14:00 | 17:00 |
| | 10 | 7 | 10 | 12 | 6 | 10 | 10 | 8 | 7 |

Paul Castle Associates

**Direction: Northwestbound**

| Hour Beginning | Tue 06/06/2023 | Wed 07/06/2023 | Thu 08/06/2023 | Fri 09/06/2023 | Sat 10/06/2023 | Sun 11/06/2023 | Mon 12/06/2023 | 5-Day Ave. | 7-Day Ave. |
|---|---|---|---|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 1 |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 06:00 | 3 | 2 | 1 | 1 | 0 | 1 | 2 | 2 | 1 |
| 07:00 | 1 | 1 | 2 | 2 | 5 | 1 | 1 | 1 | 2 |
| 08:00 | 5 | 4 | 6 | 4 | 6 | 4 | 7 | 5 | 5 |
| 09:00 | 3 | 6 | 4 | 8 | 2 | 6 | 6 | 5 | 5 |
| 10:00 | 7 | 6 | 3 | 6 | 10 | 3 | 9 | 6 | 6 |
| 11:00 | 6 | 8 | 10 | 8 | 6 | 11 | 12 | 9 | 9 |
| 12:00 | 7 | 9 | 4 | 4 | 9 | 5 | 11 | 7 | 7 |
| 13:00 | 8 | 6 | 5 | 3 | 3 | 6 | 8 | 6 | 6 |
| 14:00 | 8 | 3 | 10 | 8 | 7 | 3 | 7 | 7 | 7 |
| 15:00 | 5 | 5 | 4 | 10 | 3 | 4 | 2 | 5 | 5 |
| 16:00 | 6 | 6 | 4 | 8 | 5 | 11 | 3 | 5 | 6 |
| 17:00 | 10 | 2 | 7 | 9 | 2 | 6 | 8 | 7 | 6 |
| 18:00 | 1 | 2 | 4 | 8 | 5 | 4 | 5 | 4 | 4 |
| 19:00 | 1 | 2 | 2 | 4 | 3 | 3 | 2 | 2 | 2 |
| 20:00 | 1 | 0 | 2 | 3 | 0 | 1 | 4 | 2 | 2 |
| 21:00 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 1 | 0 | 3 | 2 | 1 | 1 |
| 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | | | | | |
| 12H(7-19) | 67 | 58 | 63 | 78 | 63 | 64 | 79 | 69 | 67 |
| 16H(6-22) | 72 | 62 | 69 | 86 | 67 | 69 | 88 | 75 | 73 |
| 18H(6-24) | 72 | 62 | 69 | 87 | 67 | 72 | 90 | 76 | 74 |
| 24H(0-24) | 72 | 63 | 69 | 87 | 68 | 79 | 91 | 76 | 76 |
| AM Peak | 10:00 | 11:00 | 11:00 | 09:00 | 10:00 | 11:00 | 11:00 | 11:00 | 11:00 |
| | 7 | 8 | 10 | 8 | 10 | 11 | 12 | 9 | 9 |
| PM Peak | 17:00 | 12:00 | 14:00 | 15:00 | 12:00 | 16:00 | 12:00 | 14:00 | 12:00 |
| | 10 | 9 | 10 | 10 | 9 | 11 | 11 | 7 | 7 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Tue 06/06/2023 | Wed 07/06/2023 | Thu 08/06/2023 | Fri 09/06/2023 | Sat 10/06/2023 | Sun 11/06/2023 | Mon 12/06/2023 | 5-Day Ave. | 7-Day Ave. |
|---|---|---|---|---|---|---|---|---|---|
| 00:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 1 |
| 04:00 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 2 | 2 | 1 | 1 | 3 | 2 | 2 |
| 06:00 | 4 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 |
| 07:00 | 4 | 2 | 5 | 5 | 10 | 2 | 3 | 4 | 4 |
| 08:00 | 11 | 9 | 11 | 10 | 14 | 9 | 17 | 12 | 12 |
| 09:00 | 16 | 10 | 8 | 16 | 7 | 15 | 11 | 12 | 12 |
| 10:00 | 17 | 10 | 15 | 11 | 17 | 9 | 22 | 15 | 14 |
| 11:00 | 10 | 16 | 17 | 15 | 14 | 23 | 22 | 16 | 17 |
| 12:00 | 14 | 14 | 9 | 11 | 15 | 12 | 21 | 14 | 14 |
| 13:00 | 13 | 12 | 11 | 11 | 9 | 11 | 16 | 13 | 12 |
| 14:00 | 14 | 10 | 20 | 16 | 9 | 8 | 16 | 15 | 13 |
| 15:00 | 9 | 10 | 6 | 22 | 7 | 9 | 5 | 10 | 10 |
| 16:00 | 16 | 10 | 9 | 17 | 7 | 16 | 8 | 12 | 12 |
| 17:00 | 17 | 7 | 15 | 17 | 7 | 16 | 15 | 14 | 13 |
| 18:00 | 6 | 6 | 7 | 11 | 10 | 8 | 12 | 8 | 9 |
| 19:00 | 4 | 3 | 3 | 5 | 7 | 5 | 6 | 4 | 5 |
| 20:00 | 1 | 2 | 4 | 9 | 3 | 4 | 7 | 5 | 4 |
| 21:00 | 3 | 0 | 2 | 3 | 2 | 2 | 3 | 2 | 2 |
| 22:00 | 1 | 1 | 1 | 2 | 3 | 4 | 3 | 2 | 2 |
| 23:00 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 1 |
| Total | | | | | | | | | |
| 12H(7-19) | 147 | 116 | 133 | 162 | 126 | 138 | 168 | 145 | 141 |
| 16H(6-22) | 159 | 123 | 144 | 181 | 139 | 151 | 186 | 159 | 155 |
| 18H(6-24) | 160 | 124 | 145 | 183 | 146 | 155 | 189 | 160 | 157 |
| 24H(0-24) | 162 | 128 | 147 | 185 | 148 | 163 | 192 | 163 | 161 |
| AM Peak | 10:00 | 11:00 | 11:00 | 09:00 | 10:00 | 11:00 | 10:00 | 11:00 | 11:00 |
| | 17 | 16 | 17 | 16 | 17 | 23 | 22 | 16 | 17 |
| PM Peak | 17:00 | 12:00 | 14:00 | 15:00 | 12:00 | 16:00 | 12:00 | 14:00 | 12:00 |
| | 17 | 14 | 20 | 22 | 15 | 16 | 21 | 15 | 14 |

Paul Castle Associates

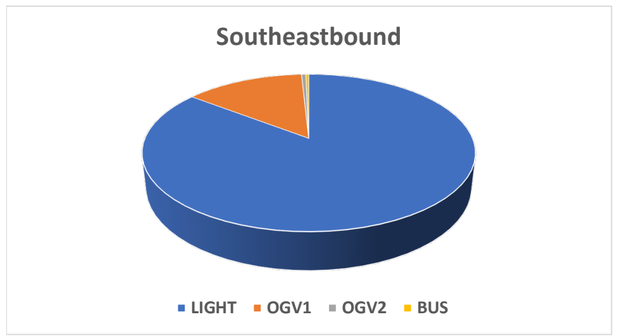
## Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 90 | 72 | 18 | 0 | 0 |
| Wed 7 Jun 2023 | 65 | 55 | 10 | 0 | 0 |
| Thu 8 Jun 2023 | 78 | 68 | 9 | 1 | 0 |
| Fri 9 Jun 2023 | 98 | 86 | 11 | 0 | 1 |
| Sat 10 Jun 2023 | 80 | 66 | 14 | 0 | 0 |
| Sun 11 Jun 2023 | 84 | 74 | 8 | 2 | 0 |
| Mon 12 Jun 2023 | 101 | 88 | 12 | 0 | 1 |
| 5 Day Ave. | 86 | 74 | 12 | 0 | 0 |
| 7 Day Ave. | 85 | 73 | 12 | 0 | 0 |

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 100.0% | 80.0% | 20.0% | 0.0% | 0.0% |
| Wed 7 Jun 2023 | 100.0% | 84.6% | 15.4% | 0.0% | 0.0% |
| Thu 8 Jun 2023 | 100.0% | 87.2% | 11.5% | 1.3% | 0.0% |
| Fri 9 Jun 2023 | 100.0% | 87.8% | 11.2% | 0.0% | 1.0% |
| Sat 10 Jun 2023 | 100.0% | 82.5% | 17.5% | 0.0% | 0.0% |
| Sun 11 Jun 2023 | 100.0% | 88.1% | 9.5% | 2.4% | 0.0% |
| Mon 12 Jun 2023 | 100.0% | 87.1% | 11.9% | 0.0% | 1.0% |
| 5 Day Ave. | 100.0% | 85.4% | 13.9% | 0.2% | 0.5% |
| 7 Day Ave. | 100.0% | 85.4% | 13.8% | 0.5% | 0.3% |

Paul Castle Associates

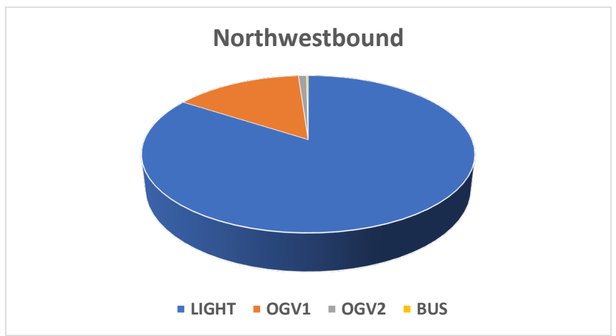



**Direction: Northwestbound**

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 72 | 59 | 13 | 0 | 0 |
| Wed 7 Jun 2023 | 63 | 50 | 12 | 1 | 0 |
| Thu 8 Jun 2023 | 69 | 60 | 9 | 0 | 0 |
| Fri 9 Jun 2023 | 87 | 74 | 11 | 2 | 0 |
| Sat 10 Jun 2023 | 68 | 59 | 9 | 0 | 0 |
| Sun 11 Jun 2023 | 79 | 67 | 11 | 1 | 0 |
| Mon 12 Jun 2023 | 91 | 76 | 13 | 1 | 1 |
| 5 Day Ave. | 76 | 64 | 12 | 1 | 0 |
| 7 Day Ave. | 76 | 64 | 11 | 1 | 0 |

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 100.0% | 81.9% | 18.1% | 0.0% | 0.0% |
| Wed 7 Jun 2023 | 100.0% | 79.4% | 19.0% | 1.6% | 0.0% |
| Thu 8 Jun 2023 | 100.0% | 87.0% | 13.0% | 0.0% | 0.0% |
| Fri 9 Jun 2023 | 100.0% | 85.1% | 12.6% | 2.3% | 0.0% |
| Sat 10 Jun 2023 | 100.0% | 86.8% | 13.2% | 0.0% | 0.0% |
| Sun 11 Jun 2023 | 100.0% | 84.8% | 13.9% | 1.3% | 0.0% |
| Mon 12 Jun 2023 | 100.0% | 83.5% | 14.3% | 1.1% | 1.1% |
| 5 Day Ave. | 100.0% | 83.5% | 15.2% | 1.0% | 0.3% |
| 7 Day Ave. | 100.0% | 84.1% | 14.7% | 0.9% | 0.2% |

Paul Castle Associates

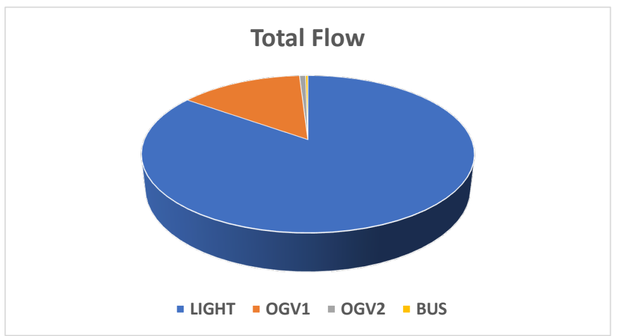



**Direction: Total Flow**

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 162 | 131 | 31 | 0 | 0 |
| Wed 7 Jun 2023 | 128 | 105 | 22 | 1 | 0 |
| Thu 8 Jun 2023 | 147 | 128 | 18 | 1 | 0 |
| Fri 9 Jun 2023 | 185 | 160 | 22 | 2 | 1 |
| Sat 10 Jun 2023 | 148 | 125 | 23 | 0 | 0 |
| Sun 11 Jun 2023 | 163 | 141 | 19 | 3 | 0 |
| Mon 12 Jun 2023 | 192 | 164 | 25 | 1 | 2 |
| 5 Day Ave. | 163 | 138 | 24 | 1 | 1 |
| 7 Day Ave. | 161 | 136 | 23 | 1 | 0 |

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 100.0% | 80.9% | 19.1% | 0.0% | 0.0% |
| Wed 7 Jun 2023 | 100.0% | 82.0% | 17.2% | 0.8% | 0.0% |
| Thu 8 Jun 2023 | 100.0% | 87.1% | 12.2% | 0.7% | 0.0% |
| Fri 9 Jun 2023 | 100.0% | 86.5% | 11.9% | 1.1% | 0.5% |
| Sat 10 Jun 2023 | 100.0% | 84.5% | 15.5% | 0.0% | 0.0% |
| Sun 11 Jun 2023 | 100.0% | 86.5% | 11.7% | 1.8% | 0.0% |
| Mon 12 Jun 2023 | 100.0% | 85.4% | 13.0% | 0.5% | 1.0% |
| 5 Day Ave. | 100.0% | 84.5% | 14.5% | 0.6% | 0.4% |
| 7 Day Ave. | 100.0% | 84.8% | 14.2% | 0.7% | 0.3% |

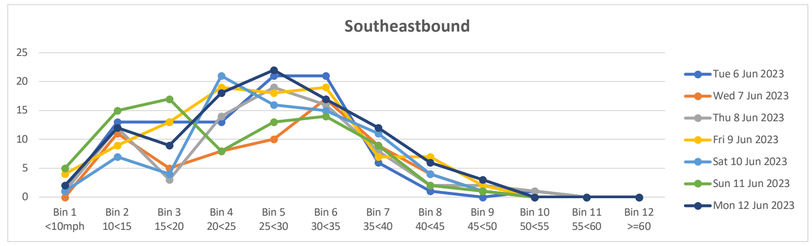
Paul Castle Associates



## Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

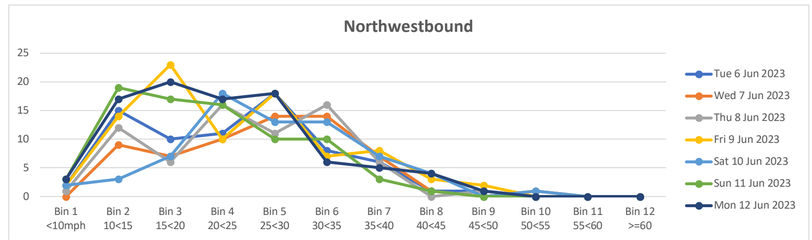
| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 90 | 34.0 | 25.2 | 8.5 | 1 | 13 | 13 | 13 | 21 | 21 | 6 | 1 | 0 | 1 | 0 | 0 |
| Wed 7 Jun 2023 | 65 | 37.4 | 27.5 | 9.5 | 0 | 11 | 5 | 8 | 10 | 17 | 9 | 4 | 1 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 78 | 36.7 | 26.9 | 9.4 | 1 | 12 | 3 | 14 | 19 | 16 | 8 | 2 | 2 | 1 | 0 | 0 |
| Fri 9 Jun 2023 | 98 | 36.0 | 26.2 | 9.5 | 4 | 9 | 13 | 19 | 18 | 19 | 7 | 7 | 2 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 80 | 36.2 | 27.4 | 8.5 | 1 | 7 | 4 | 21 | 16 | 15 | 11 | 4 | 1 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 84 | 33.9 | 23.7 | 9.8 | 5 | 15 | 17 | 8 | 13 | 14 | 9 | 2 | 1 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 101 | 36.9 | 27.1 | 9.5 | 2 | 12 | 9 | 18 | 22 | 17 | 12 | 6 | 3 | 0 | 0 | 0 |
| 5 Day Ave. | 86 | 36.2 | 26.6 | 9.3 | 2 | 11 | 9 | 14 | 18 | 18 | 8 | 4 | 2 | 0 | 0 | 0 |
| 7 Day Ave. | 85 | 35.9 | 26.3 | 9.2 | 2 | 11 | 9 | 14 | 17 | 17 | 9 | 4 | 1 | 0 | 0 | 0 |






**Direction: Northwestbound**

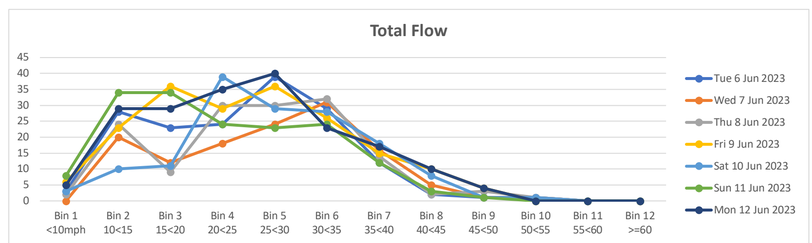
| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 72 | 32.9 | 23.6 | 9.0 | 2 | 15 | 10 | 11 | 18 | 8 | 6 | 1 | 1 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 63 | 35.4 | 26.3 | 8.8 | 0 | 9 | 7 | 10 | 14 | 14 | 7 | 1 | 0 | 1 | 0 | 0 |
| Thu 8 Jun 2023 | 69 | 33.8 | 24.9 | 8.6 | 1 | 12 | 6 | 16 | 11 | 16 | 6 | 0 | 1 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 87 | 33.5 | 23.7 | 9.4 | 2 | 14 | 23 | 10 | 18 | 7 | 8 | 3 | 2 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 68 | 36.2 | 27.1 | 8.7 | 2 | 3 | 7 | 18 | 13 | 13 | 7 | 4 | 0 | 1 | 0 | 0 |
| Sun 11 Jun 2023 | 79 | 29.6 | 21.2 | 8.1 | 3 | 19 | 17 | 16 | 10 | 10 | 3 | 1 | 0 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 91 | 32.0 | 22.7 | 9.0 | 3 | 17 | 20 | 17 | 18 | 6 | 5 | 4 | 1 | 0 | 0 | 0 |
| 5 Day Ave. | 76 | 33.5 | 24.2 | 8.9 | 2 | 13 | 13 | 13 | 16 | 10 | 6 | 2 | 1 | 0 | 0 | 0 |
| 7 Day Ave. | 76 | 33.3 | 24.2 | 8.8 | 2 | 13 | 13 | 14 | 15 | 11 | 6 | 2 | 1 | 0 | 0 | 0 |






**Direction: Total Flow**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 162 | 33.5 | 24.5 | 8.7 | 3 | 28 | 23 | 24 | 39 | 29 | 12 | 2 | 1 | 1 | 0 | 0 |
| Wed 7 Jun 2023 | 128 | 36.4 | 26.9 | 9.1 | 0 | 20 | 12 | 18 | 24 | 31 | 16 | 5 | 1 | 1 | 0 | 0 |
| Thu 8 Jun 2023 | 147 | 35.4 | 26.0 | 9.0 | 2 | 24 | 9 | 30 | 30 | 32 | 14 | 2 | 3 | 1 | 0 | 0 |
| Fri 9 Jun 2023 | 185 | 34.9 | 25.0 | 9.5 | 6 | 23 | 36 | 29 | 36 | 26 | 15 | 10 | 4 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 148 | 36.2 | 27.3 | 8.6 | 3 | 10 | 11 | 39 | 29 | 28 | 18 | 8 | 1 | 1 | 0 | 0 |
| Sun 11 Jun 2023 | 163 | 31.9 | 22.5 | 9.1 | 8 | 34 | 34 | 24 | 23 | 24 | 12 | 3 | 1 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 192 | 34.8 | 25.0 | 9.5 | 5 | 29 | 29 | 35 | 40 | 23 | 17 | 10 | 4 | 0 | 0 | 0 |
| 5 Day Ave. | 163 | 35.0 | 25.5 | 9.2 | 3 | 25 | 22 | 27 | 34 | 28 | 15 | 6 | 3 | 1 | 0 | 0 |
| 7 Day Ave. | 161 | 34.7 | 25.3 | 9.1 | 4 | 24 | 22 | 28 | 32 | 28 | 15 | 6 | 2 | 1 | 0 | 0 |



# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 14 | 32.3 | 23.2 | 8.7 | 0 | 4 | 2 | 0 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 12 | 30.4 | 21.3 | 8.8 | 0 | 5 | 0 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 19 | 32.1 | 23.3 | 8.5 | 1 | 4 | 1 | 3 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 12 | 34.4 | 24.2 | 9.8 | 0 | 3 | 1 | 3 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 15 | 37.9 | 27.9 | 9.6 | 1 | 1 | 0 | 4 | 2 | 3 | 3 | 1 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 18 | 25.2 | 17.8 | 7.1 | 1 | 8 | 3 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 23 | 32.0 | 24.3 | 7.4 | 1 | 3 | 1 | 6 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 16 | 32.2 | 23.2 | 8.7 | 0 | 4 | 1 | 3 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 16 | 32.0 | 23.1 | 8.6 | 1 | 4 | 1 | 3 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |

Paul Castle Associates

**Direction: Northwestbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 13 | 29.3 | 21.0 | 8.0 | 0 | 5 | 1 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 14 | 32.0 | 25.0 | 6.7 | 0 | 2 | 0 | 4 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 13 | 30.7 | 22.5 | 7.9 | 0 | 4 | 1 | 1 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 14 | 31.1 | 22.5 | 8.3 | 0 | 3 | 3 | 3 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 16 | 31.9 | 24.4 | 7.2 | 1 | 0 | 2 | 7 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 14 | 27.3 | 20.4 | 6.7 | 0 | 4 | 3 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 21 | 27.8 | 19.9 | 7.6 | 2 | 3 | 7 | 4 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 15 | 30.2 | 22.2 | 7.7 | 0 | 3 | 2 | 3 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 15 | 30.0 | 22.2 | 7.5 | 0 | 3 | 2 | 3 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 27 | 30.7 | 22.1 | 8.3 | 0 | 9 | 3 | 2 | 8 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 26 | 31.4 | 23.3 | 7.8 | 0 | 7 | 0 | 7 | 8 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 32 | 31.4 | 23.0 | 8.1 | 1 | 8 | 2 | 4 | 11 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 26 | 32.5 | 23.3 | 8.9 | 0 | 6 | 4 | 6 | 5 | 1 | 3 | 1 | 0 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 31 | 34.9 | 26.1 | 8.5 | 2 | 1 | 2 | 11 | 4 | 6 | 4 | 1 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 32 | 26.1 | 18.9 | 7.0 | 1 | 12 | 6 | 5 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 44 | 30.2 | 22.2 | 7.7 | 3 | 6 | 8 | 10 | 9 | 7 | 1 | 0 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 31 | 31.3 | 22.8 | 8.2 | 1 | 7 | 3 | 6 | 8 | 4 | 2 | 0 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 31 | 31.0 | 22.7 | 8.1 | 1 | 7 | 4 | 6 | 7 | 4 | 2 | 0 | 0 | 0 | 0 | 0 |

Paul Castle Associates

# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 10 | 34.0 | 25.5 | 8.2 | 0 | 2 | 1 | 0 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 12 | 41.0 | 30.8 | 9.8 | 0 | 1 | 1 | 1 | 1 | 5 | 1 | 1 | 1 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 12 | 40.5 | 29.6 | 10.5 | 0 | 2 | 0 | 1 | 3 | 3 | 1 | 1 | 1 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 20 | 41.7 | 30.8 | 10.5 | 0 | 2 | 1 | 3 | 4 | 2 | 4 | 2 | 2 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 6 | 39.7 | 30.0 | 9.4 | 0 | 1 | 0 | 0 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 10 | 38.5 | 29.0 | 9.1 | 0 | 0 | 2 | 1 | 3 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 12 | 36.2 | 25.0 | 10.8 | 0 | 2 | 3 | 2 | 2 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 13 | 38.7 | 28.3 | 10.0 | 0 | 2 | 1 | 1 | 3 | 3 | 1 | 1 | 1 | 0 | 0 | 0 |
| 7 Day Ave. | 12 | 38.8 | 28.7 | 9.8 | 0 | 1 | 1 | 1 | 2 | 3 | 1 | 1 | 1 | 0 | 0 | 0 |

Paul Castle Associates

**Direction: Northwestbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 13 | 31.6 | 21.7 | 9.5 | 0 | 5 | 1 | 2 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 8 | 41.1 | 28.8 | 11.9 | 0 | 1 | 1 | 0 | 3 | 2 | 0 | 0 | 0 | 1 | 0 | 0 |
| Thu 8 Jun 2023 | 14 | 31.9 | 23.9 | 7.7 | 0 | 3 | 0 | 5 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 18 | 37.7 | 26.7 | 10.6 | 0 | 2 | 5 | 1 | 4 | 1 | 3 | 1 | 1 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 10 | 35.2 | 24.6 | 10.2 | 1 | 1 | 1 | 2 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 7 | 26.9 | 19.6 | 7.0 | 0 | 2 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 9 | 26.6 | 19.7 | 6.7 | 0 | 3 | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 12 | 33.8 | 24.2 | 9.3 | 0 | 3 | 2 | 2 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 11 | 33.0 | 23.6 | 9.1 | 0 | 2 | 2 | 2 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 23 | 32.7 | 23.4 | 9.0 | 0 | 7 | 2 | 2 | 6 | 5 | 0 | 1 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 20 | 40.8 | 30.0 | 10.5 | 0 | 2 | 2 | 1 | 4 | 7 | 1 | 1 | 1 | 1 | 0 | 0 |
| Thu 8 Jun 2023 | 26 | 36.3 | 26.5 | 9.4 | 0 | 5 | 0 | 6 | 6 | 5 | 2 | 1 | 1 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 38 | 39.8 | 28.8 | 10.6 | 0 | 4 | 6 | 4 | 8 | 3 | 7 | 3 | 3 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 16 | 36.9 | 26.6 | 10.0 | 1 | 2 | 1 | 2 | 3 | 4 | 2 | 1 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 17 | 34.9 | 25.1 | 9.4 | 0 | 2 | 4 | 3 | 3 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 21 | 32.5 | 22.7 | 9.4 | 0 | 5 | 5 | 3 | 5 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 26 | 36.4 | 26.3 | 9.8 | 0 | 5 | 3 | 3 | 6 | 4 | 2 | 2 | 1 | 0 | 0 | 0 |
| 7 Day Ave. | 23 | 36.3 | 26.2 | 9.7 | 0 | 4 | 3 | 3 | 5 | 4 | 2 | 1 | 1 | 0 | 0 | 0 |

Paul Castle Associates

# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

06/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 1 | 1 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 3 | 3 | 0 | 0 | 0 |
| 08:00 | 6 | 5 | 1 | 0 | 0 |
| 09:00 | 13 | 10 | 3 | 0 | 0 |
| 10:00 | 10 | 6 | 4 | 0 | 0 |
| 11:00 | 4 | 3 | 1 | 0 | 0 |
| 12:00 | 7 | 5 | 2 | 0 | 0 |
| 13:00 | 5 | 3 | 2 | 0 | 0 |
| 14:00 | 6 | 6 | 0 | 0 | 0 |
| 15:00 | 4 | 3 | 1 | 0 | 0 |
| 16:00 | 10 | 9 | 1 | 0 | 0 |
| 17:00 | 7 | 5 | 2 | 0 | 0 |
| 18:00 | 5 | 4 | 1 | 0 | 0 |
| 19:00 | 3 | 3 | 0 | 0 | 0 |
| 20:00 | 0 | 0 | 0 | 0 | 0 |
| 21:00 | 3 | 3 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 80 | 62 | 18 | 0 | 0 |
| 16H(6-22) | 87 | 69 | 18 | 0 | 0 |
| 18H(6-24) | 88 | 70 | 18 | 0 | 0 |
| 24H(0-24) | 90 | 72 | 18 | 0 | 0 |
| AM Peak | 09:00 | 09:00 | 10:00 | 00:00 | 00:00 |
| | 13 | 10 | 4 | 0 | 0 |
| PM Peak | 16:00 | 16:00 | 12:00 | 12:00 | 12:00 |
| | 10 | 9 | 2 | 0 | 0 |

Paul Castle Associates

**Direction: Northwestbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 3 | 3 | 0 | 0 | 0 |
| 07:00 | 1 | 1 | 0 | 0 | 0 |
| 08:00 | 5 | 3 | 2 | 0 | 0 |
| 09:00 | 3 | 3 | 0 | 0 | 0 |
| 10:00 | 7 | 6 | 1 | 0 | 0 |
| 11:00 | 6 | 5 | 1 | 0 | 0 |
| 12:00 | 7 | 4 | 3 | 0 | 0 |
| 13:00 | 8 | 6 | 2 | 0 | 0 |
| 14:00 | 8 | 7 | 1 | 0 | 0 |
| 15:00 | 5 | 5 | 0 | 0 | 0 |
| 16:00 | 6 | 5 | 1 | 0 | 0 |
| 17:00 | 10 | 8 | 2 | 0 | 0 |
| 18:00 | 1 | 1 | 0 | 0 | 0 |
| 19:00 | 1 | 1 | 0 | 0 | 0 |
| 20:00 | 1 | 1 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 67 | 54 | 13 | 0 | 0 |
| 16H(6-22) | 72 | 59 | 13 | 0 | 0 |
| 18H(6-24) | 72 | 59 | 13 | 0 | 0 |
| 24H(0-24) | 72 | 59 | 13 | 0 | 0 |
| AM Peak | 10:00 | 10:00 | 08:00 | 00:00 | 00:00 |
| | 7 | 6 | 2 | 0 | 0 |
| PM Peak | 17:00 | 17:00 | 12:00 | 12:00 | 12:00 |
| | 10 | 8 | 3 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 1 | 1 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 0 | 0 | 0 |
| 06:00 | 4 | 4 | 0 | 0 | 0 |
| 07:00 | 4 | 4 | 0 | 0 | 0 |
| 08:00 | 11 | 8 | 3 | 0 | 0 |
| 09:00 | 16 | 13 | 3 | 0 | 0 |
| 10:00 | 17 | 12 | 5 | 0 | 0 |
| 11:00 | 10 | 8 | 2 | 0 | 0 |
| 12:00 | 14 | 9 | 5 | 0 | 0 |
| 13:00 | 13 | 9 | 4 | 0 | 0 |
| 14:00 | 14 | 13 | 1 | 0 | 0 |
| 15:00 | 9 | 8 | 1 | 0 | 0 |
| 16:00 | 16 | 14 | 2 | 0 | 0 |
| 17:00 | 17 | 13 | 4 | 0 | 0 |
| 18:00 | 6 | 5 | 1 | 0 | 0 |
| 19:00 | 4 | 4 | 0 | 0 | 0 |
| 20:00 | 1 | 1 | 0 | 0 | 0 |
| 21:00 | 3 | 3 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 147 | 116 | 31 | 0 | 0 |
| 16H(6-22) | 159 | 128 | 31 | 0 | 0 |
| 18H(6-24) | 160 | 129 | 31 | 0 | 0 |
| 24H(0-24) | 162 | 131 | 31 | 0 | 0 |
| AM Peak | 10:00 | 09:00 | 10:00 | 00:00 | 00:00 |
| | 17 | 13 | 5 | 0 | 0 |
| PM Peak | 17:00 | 16:00 | 12:00 | 12:00 | 12:00 |
| | 17 | 14 | 5 | 0 | 0 |

Paul Castle Associates

# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

**07/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 1 | 0 | 1 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 1 | 1 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 0 | 0 | 0 |
| 06:00 | 0 | 0 | 0 | 0 | 0 |
| 07:00 | 1 | 1 | 0 | 0 | 0 |
| 08:00 | 5 | 5 | 0 | 0 | 0 |
| 09:00 | 4 | 4 | 0 | 0 | 0 |
| 10:00 | 4 | 3 | 1 | 0 | 0 |
| 11:00 | 8 | 7 | 1 | 0 | 0 |
| 12:00 | 5 | 5 | 0 | 0 | 0 |
| 13:00 | 6 | 3 | 3 | 0 | 0 |
| 14:00 | 7 | 6 | 1 | 0 | 0 |
| 15:00 | 5 | 4 | 1 | 0 | 0 |
| 16:00 | 4 | 3 | 1 | 0 | 0 |
| 17:00 | 5 | 4 | 1 | 0 | 0 |
| 18:00 | 4 | 4 | 0 | 0 | 0 |
| 19:00 | 1 | 1 | 0 | 0 | 0 |
| 20:00 | 2 | 2 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 58 | 49 | 9 | 0 | 0 |
| 16H(6-22) | 61 | 52 | 9 | 0 | 0 |
| 18H(6-24) | 62 | 53 | 9 | 0 | 0 |
| 24H(0-24) | 65 | 55 | 10 | 0 | 0 |
| AM Peak | 11:00 | 11:00 | 00:00 | 00:00 | 00:00 |
| | 8 | 7 | 1 | 0 | 0 |
| PM Peak | 14:00 | 14:00 | 13:00 | 12:00 | 12:00 |
| | 7 | 6 | 3 | 0 | 0 |

Paul Castle Associates

**Direction: Northwestbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 1 | 0 | 1 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 2 | 2 | 0 | 0 | 0 |
| 07:00 | 1 | 1 | 0 | 0 | 0 |
| 08:00 | 4 | 3 | 1 | 0 | 0 |
| 09:00 | 6 | 4 | 1 | 1 | 0 |
| 10:00 | 6 | 4 | 2 | 0 | 0 |
| 11:00 | 8 | 6 | 2 | 0 | 0 |
| 12:00 | 9 | 8 | 1 | 0 | 0 |
| 13:00 | 6 | 4 | 2 | 0 | 0 |
| 14:00 | 3 | 3 | 0 | 0 | 0 |
| 15:00 | 5 | 5 | 0 | 0 | 0 |
| 16:00 | 6 | 4 | 2 | 0 | 0 |
| 17:00 | 2 | 2 | 0 | 0 | 0 |
| 18:00 | 2 | 2 | 0 | 0 | 0 |
| 19:00 | 2 | 2 | 0 | 0 | 0 |
| 20:00 | 0 | 0 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 58 | 46 | 11 | 1 | 0 |
| 16H(6-22) | 62 | 50 | 11 | 1 | 0 |
| 18H(6-24) | 62 | 50 | 11 | 1 | 0 |
| 24H(0-24) | 63 | 50 | 12 | 1 | 0 |
| AM Peak | 11:00 | 11:00 | 10:00 | 09:00 | 00:00 |
| | 8 | 6 | 2 | 1 | 0 |
| PM Peak | 12:00 | 12:00 | 13:00 | 12:00 | 12:00 |
| | 9 | 8 | 2 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 1 | 0 | 1 | 0 | 0 |
| 01:00 | 1 | 0 | 1 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 1 | 1 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 0 | 0 | 0 |
| 06:00 | 2 | 2 | 0 | 0 | 0 |
| 07:00 | 2 | 2 | 0 | 0 | 0 |
| 08:00 | 9 | 8 | 1 | 0 | 0 |
| 09:00 | 10 | 8 | 1 | 1 | 0 |
| 10:00 | 10 | 7 | 3 | 0 | 0 |
| 11:00 | 16 | 13 | 3 | 0 | 0 |
| 12:00 | 14 | 13 | 1 | 0 | 0 |
| 13:00 | 12 | 7 | 5 | 0 | 0 |
| 14:00 | 10 | 9 | 1 | 0 | 0 |
| 15:00 | 10 | 9 | 1 | 0 | 0 |
| 16:00 | 10 | 7 | 3 | 0 | 0 |
| 17:00 | 7 | 6 | 1 | 0 | 0 |
| 18:00 | 6 | 6 | 0 | 0 | 0 |
| 19:00 | 3 | 3 | 0 | 0 | 0 |
| 20:00 | 2 | 2 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 116 | 95 | 20 | 1 | 0 |
| 16H(6-22) | 123 | 102 | 20 | 1 | 0 |
| 18H(6-24) | 124 | 103 | 20 | 1 | 0 |
| 24H(0-24) | 128 | 105 | 22 | 1 | 0 |
| AM Peak | 11:00 | 11:00 | 10:00 | 09:00 | 00:00 |
| | 16 | 13 | 3 | 1 | 0 |
| PM Peak | 12:00 | 12:00 | 13:00 | 12:00 | 12:00 |
| | 14 | 13 | 5 | 0 | 0 |

Paul Castle Associates

# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

08/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 2 | 2 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 3 | 2 | 1 | 0 | 0 |
| 08:00 | 5 | 5 | 0 | 0 | 0 |
| 09:00 | 4 | 4 | 0 | 0 | 0 |
| 10:00 | 12 | 10 | 2 | 0 | 0 |
| 11:00 | 7 | 7 | 0 | 0 | 0 |
| 12:00 | 5 | 4 | 0 | 1 | 0 |
| 13:00 | 6 | 6 | 0 | 0 | 0 |
| 14:00 | 10 | 8 | 2 | 0 | 0 |
| 15:00 | 2 | 2 | 0 | 0 | 0 |
| 16:00 | 5 | 3 | 2 | 0 | 0 |
| 17:00 | 8 | 7 | 1 | 0 | 0 |
| 18:00 | 3 | 2 | 1 | 0 | 0 |
| 19:00 | 1 | 1 | 0 | 0 | 0 |
| 20:00 | 2 | 2 | 0 | 0 | 0 |
| 21:00 | 1 | 1 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 70 | 60 | 9 | 1 | 0 |
| 16H(6-22) | 75 | 65 | 9 | 1 | 0 |
| 18H(6-24) | 76 | 66 | 9 | 1 | 0 |
| 24H(0-24) | 78 | 68 | 9 | 1 | 0 |
| AM Peak | 10:00 | 10:00 | 10:00 | 00:00 | 00:00 |
| | 12 | 10 | 2 | 0 | 0 |
| PM Peak | 14:00 | 14:00 | 14:00 | 12:00 | 12:00 |
| | 10 | 8 | 2 | 1 | 0 |

Paul Castle Associates

**Direction: Northwestbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 2 | 2 | 0 | 0 | 0 |
| 08:00 | 6 | 4 | 2 | 0 | 0 |
| 09:00 | 4 | 4 | 0 | 0 | 0 |
| 10:00 | 3 | 2 | 1 | 0 | 0 |
| 11:00 | 10 | 9 | 1 | 0 | 0 |
| 12:00 | 4 | 4 | 0 | 0 | 0 |
| 13:00 | 5 | 4 | 1 | 0 | 0 |
| 14:00 | 10 | 9 | 1 | 0 | 0 |
| 15:00 | 4 | 3 | 1 | 0 | 0 |
| 16:00 | 4 | 3 | 1 | 0 | 0 |
| 17:00 | 7 | 7 | 0 | 0 | 0 |
| 18:00 | 4 | 3 | 1 | 0 | 0 |
| 19:00 | 2 | 2 | 0 | 0 | 0 |
| 20:00 | 2 | 2 | 0 | 0 | 0 |
| 21:00 | 1 | 1 | 0 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 63 | 54 | 9 | 0 | 0 |
| 16H(6-22) | 69 | 60 | 9 | 0 | 0 |
| 18H(6-24) | 69 | 60 | 9 | 0 | 0 |
| 24H(0-24) | 69 | 60 | 9 | 0 | 0 |
| AM Peak | 11:00 | 11:00 | 08:00 | 00:00 | 00:00 |
| | 10 | 9 | 2 | 0 | 0 |
| PM Peak | 14:00 | 14:00 | 13:00 | 12:00 | 12:00 |
| | 10 | 9 | 1 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 2 | 2 | 0 | 0 | 0 |
| 06:00 | 2 | 2 | 0 | 0 | 0 |
| 07:00 | 5 | 4 | 1 | 0 | 0 |
| 08:00 | 11 | 9 | 2 | 0 | 0 |
| 09:00 | 8 | 8 | 0 | 0 | 0 |
| 10:00 | 15 | 12 | 3 | 0 | 0 |
| 11:00 | 17 | 16 | 1 | 0 | 0 |
| 12:00 | 9 | 8 | 0 | 1 | 0 |
| 13:00 | 11 | 10 | 1 | 0 | 0 |
| 14:00 | 20 | 17 | 3 | 0 | 0 |
| 15:00 | 6 | 5 | 1 | 0 | 0 |
| 16:00 | 9 | 6 | 3 | 0 | 0 |
| 17:00 | 15 | 14 | 1 | 0 | 0 |
| 18:00 | 7 | 5 | 2 | 0 | 0 |
| 19:00 | 3 | 3 | 0 | 0 | 0 |
| 20:00 | 4 | 4 | 0 | 0 | 0 |
| 21:00 | 2 | 2 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 133 | 114 | 18 | 1 | 0 |
| 16H(6-22) | 144 | 125 | 18 | 1 | 0 |
| 18H(6-24) | 145 | 126 | 18 | 1 | 0 |
| 24H(0-24) | 147 | 128 | 18 | 1 | 0 |
| AM Peak | 11:00 | 11:00 | 10:00 | 00:00 | 00:00 |
| | 17 | 16 | 3 | 0 | 0 |
| PM Peak | 14:00 | 14:00 | 14:00 | 12:00 | 12:00 |
| | 20 | 17 | 3 | 1 | 0 |

Paul Castle Associates

# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

09/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 2 | 2 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 3 | 3 | 0 | 0 | 0 |
| 08:00 | 6 | 5 | 1 | 0 | 0 |
| 09:00 | 8 | 7 | 1 | 0 | 0 |
| 10:00 | 5 | 2 | 3 | 0 | 0 |
| 11:00 | 7 | 5 | 2 | 0 | 0 |
| 12:00 | 7 | 6 | 1 | 0 | 0 |
| 13:00 | 8 | 7 | 1 | 0 | 0 |
| 14:00 | 8 | 7 | 0 | 0 | 1 |
| 15:00 | 12 | 12 | 0 | 0 | 0 |
| 16:00 | 9 | 8 | 1 | 0 | 0 |
| 17:00 | 8 | 7 | 1 | 0 | 0 |
| 18:00 | 3 | 3 | 0 | 0 | 0 |
| 19:00 | 1 | 1 | 0 | 0 | 0 |
| 20:00 | 6 | 6 | 0 | 0 | 0 |
| 21:00 | 3 | 3 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 84 | 72 | 11 | 0 | 1 |
| 16H(6-22) | 95 | 83 | 11 | 0 | 1 |
| 18H(6-24) | 96 | 84 | 11 | 0 | 1 |
| 24H(0-24) | 98 | 86 | 11 | 0 | 1 |
| AM Peak | 09:00 | 09:00 | 10:00 | 00:00 | 00:00 |
| | 8 | 7 | 3 | 0 | 0 |
| PM Peak | 15:00 | 15:00 | 12:00 | 12:00 | 14:00 |
| | 12 | 12 | 1 | 0 | 1 |

Paul Castle Associates

**Direction: Northwestbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 2 | 2 | 0 | 0 | 0 |
| 08:00 | 4 | 2 | 2 | 0 | 0 |
| 09:00 | 8 | 8 | 0 | 0 | 0 |
| 10:00 | 6 | 3 | 3 | 0 | 0 |
| 11:00 | 8 | 7 | 1 | 0 | 0 |
| 12:00 | 4 | 4 | 0 | 0 | 0 |
| 13:00 | 3 | 2 | 1 | 0 | 0 |
| 14:00 | 8 | 8 | 0 | 0 | 0 |
| 15:00 | 10 | 8 | 1 | 1 | 0 |
| 16:00 | 8 | 6 | 2 | 0 | 0 |
| 17:00 | 9 | 7 | 1 | 1 | 0 |
| 18:00 | 8 | 8 | 0 | 0 | 0 |
| 19:00 | 4 | 4 | 0 | 0 | 0 |
| 20:00 | 3 | 3 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 78 | 65 | 11 | 2 | 0 |
| 16H(6-22) | 86 | 73 | 11 | 2 | 0 |
| 18H(6-24) | 87 | 74 | 11 | 2 | 0 |
| 24H(0-24) | 87 | 74 | 11 | 2 | 0 |
| AM Peak | 09:00 | 09:00 | 10:00 | 00:00 | 00:00 |
| | 8 | 8 | 3 | 0 | 0 |
| PM Peak | 15:00 | 14:00 | 16:00 | 15:00 | 12:00 |
| | 10 | 8 | 2 | 1 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 2 | 2 | 0 | 0 | 0 |
| 06:00 | 2 | 2 | 0 | 0 | 0 |
| 07:00 | 5 | 5 | 0 | 0 | 0 |
| 08:00 | 10 | 7 | 3 | 0 | 0 |
| 09:00 | 16 | 15 | 1 | 0 | 0 |
| 10:00 | 11 | 5 | 6 | 0 | 0 |
| 11:00 | 15 | 12 | 3 | 0 | 0 |
| 12:00 | 11 | 10 | 1 | 0 | 0 |
| 13:00 | 11 | 9 | 2 | 0 | 0 |
| 14:00 | 16 | 15 | 0 | 0 | 1 |
| 15:00 | 22 | 20 | 1 | 1 | 0 |
| 16:00 | 17 | 14 | 3 | 0 | 0 |
| 17:00 | 17 | 14 | 2 | 1 | 0 |
| 18:00 | 11 | 11 | 0 | 0 | 0 |
| 19:00 | 5 | 5 | 0 | 0 | 0 |
| 20:00 | 9 | 9 | 0 | 0 | 0 |
| 21:00 | 3 | 3 | 0 | 0 | 0 |
| 22:00 | 2 | 2 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 162 | 137 | 22 | 2 | 1 |
| 16H(6-22) | 181 | 156 | 22 | 2 | 1 |
| 18H(6-24) | 183 | 158 | 22 | 2 | 1 |
| 24H(0-24) | 185 | 160 | 22 | 2 | 1 |
| AM Peak | 09:00 | 09:00 | 10:00 | 00:00 | 00:00 |
| | 16 | 15 | 6 | 0 | 0 |
| PM Peak | 15:00 | 15:00 | 16:00 | 15:00 | 14:00 |
| | 22 | 20 | 3 | 1 | 1 |

Paul Castle Associates

# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

10/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 5 | 4 | 1 | 0 | 0 |
| 08:00 | 8 | 7 | 1 | 0 | 0 |
| 09:00 | 5 | 4 | 1 | 0 | 0 |
| 10:00 | 7 | 6 | 1 | 0 | 0 |
| 11:00 | 8 | 8 | 0 | 0 | 0 |
| 12:00 | 6 | 5 | 1 | 0 | 0 |
| 13:00 | 6 | 6 | 0 | 0 | 0 |
| 14:00 | 2 | 2 | 0 | 0 | 0 |
| 15:00 | 4 | 4 | 0 | 0 | 0 |
| 16:00 | 2 | 2 | 0 | 0 | 0 |
| 17:00 | 5 | 3 | 2 | 0 | 0 |
| 18:00 | 5 | 5 | 0 | 0 | 0 |
| 19:00 | 4 | 4 | 0 | 0 | 0 |
| 20:00 | 3 | 2 | 1 | 0 | 0 |
| 21:00 | 1 | 1 | 0 | 0 | 0 |
| 22:00 | 3 | 0 | 3 | 0 | 0 |
| 23:00 | 4 | 1 | 3 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 63 | 56 | 7 | 0 | 0 |
| 16H(6-22) | 72 | 64 | 8 | 0 | 0 |
| 18H(6-24) | 79 | 65 | 14 | 0 | 0 |
| 24H(0-24) | 80 | 66 | 14 | 0 | 0 |
| AM Peak | 08:00 | 11:00 | 07:00 | 00:00 | 00:00 |
| | 8 | 8 | 1 | 0 | 0 |
| PM Peak | 12:00 | 13:00 | 22:00 | 12:00 | 12:00 |
| | 6 | 6 | 3 | 0 | 0 |

Paul Castle Associates

**Direction: Northwestbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 1 | 1 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 0 | 0 | 0 | 0 | 0 |
| 07:00 | 5 | 4 | 1 | 0 | 0 |
| 08:00 | 6 | 4 | 2 | 0 | 0 |
| 09:00 | 2 | 2 | 0 | 0 | 0 |
| 10:00 | 10 | 8 | 2 | 0 | 0 |
| 11:00 | 6 | 6 | 0 | 0 | 0 |
| 12:00 | 9 | 9 | 0 | 0 | 0 |
| 13:00 | 3 | 3 | 0 | 0 | 0 |
| 14:00 | 7 | 6 | 1 | 0 | 0 |
| 15:00 | 3 | 3 | 0 | 0 | 0 |
| 16:00 | 5 | 4 | 1 | 0 | 0 |
| 17:00 | 2 | 0 | 2 | 0 | 0 |
| 18:00 | 5 | 5 | 0 | 0 | 0 |
| 19:00 | 3 | 3 | 0 | 0 | 0 |
| 20:00 | 0 | 0 | 0 | 0 | 0 |
| 21:00 | 1 | 1 | 0 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 63 | 54 | 9 | 0 | 0 |
| 16H(6-22) | 67 | 58 | 9 | 0 | 0 |
| 18H(6-24) | 67 | 58 | 9 | 0 | 0 |
| 24H(0-24) | 68 | 59 | 9 | 0 | 0 |
| AM Peak | 10:00 | 10:00 | 08:00 | 00:00 | 00:00 |
| | 10 | 8 | 2 | 0 | 0 |
| PM Peak | 12:00 | 12:00 | 17:00 | 12:00 | 12:00 |
| | 9 | 9 | 2 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 1 | 1 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 10 | 8 | 2 | 0 | 0 |
| 08:00 | 14 | 11 | 3 | 0 | 0 |
| 09:00 | 7 | 6 | 1 | 0 | 0 |
| 10:00 | 17 | 14 | 3 | 0 | 0 |
| 11:00 | 14 | 14 | 0 | 0 | 0 |
| 12:00 | 15 | 14 | 1 | 0 | 0 |
| 13:00 | 9 | 9 | 0 | 0 | 0 |
| 14:00 | 9 | 8 | 1 | 0 | 0 |
| 15:00 | 7 | 7 | 0 | 0 | 0 |
| 16:00 | 7 | 6 | 1 | 0 | 0 |
| 17:00 | 7 | 3 | 4 | 0 | 0 |
| 18:00 | 10 | 10 | 0 | 0 | 0 |
| 19:00 | 7 | 7 | 0 | 0 | 0 |
| 20:00 | 3 | 2 | 1 | 0 | 0 |
| 21:00 | 2 | 2 | 0 | 0 | 0 |
| 22:00 | 3 | 0 | 3 | 0 | 0 |
| 23:00 | 4 | 1 | 3 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 126 | 110 | 16 | 0 | 0 |
| 16H(6-22) | 139 | 122 | 17 | 0 | 0 |
| 18H(6-24) | 146 | 123 | 23 | 0 | 0 |
| 24H(0-24) | 148 | 125 | 23 | 0 | 0 |
| AM Peak | 10:00 | 10:00 | 08:00 | 00:00 | 00:00 |
| | 17 | 14 | 3 | 0 | 0 |
| PM Peak | 12:00 | 12:00 | 17:00 | 12:00 | 12:00 |
| | 15 | 14 | 4 | 0 | 0 |

Paul Castle Associates

# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

**11/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 1 | 1 | 0 | 0 | 0 |
| 08:00 | 5 | 4 | 1 | 0 | 0 |
| 09:00 | 9 | 8 | 1 | 0 | 0 |
| 10:00 | 6 | 5 | 0 | 1 | 0 |
| 11:00 | 12 | 11 | 1 | 0 | 0 |
| 12:00 | 7 | 5 | 2 | 0 | 0 |
| 13:00 | 5 | 3 | 2 | 0 | 0 |
| 14:00 | 5 | 5 | 0 | 0 | 0 |
| 15:00 | 5 | 5 | 0 | 0 | 0 |
| 16:00 | 5 | 4 | 1 | 0 | 0 |
| 17:00 | 10 | 9 | 0 | 1 | 0 |
| 18:00 | 4 | 4 | 0 | 0 | 0 |
| 19:00 | 2 | 2 | 0 | 0 | 0 |
| 20:00 | 3 | 3 | 0 | 0 | 0 |
| 21:00 | 2 | 2 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 74 | 64 | 8 | 2 | 0 |
| 16H(6-22) | 82 | 72 | 8 | 2 | 0 |
| 18H(6-24) | 83 | 73 | 8 | 2 | 0 |
| 24H(0-24) | 84 | 74 | 8 | 2 | 0 |
| AM Peak | 11:00 | 11:00 | 08:00 | 10:00 | 00:00 |
| | 12 | 11 | 1 | 1 | 0 |
| PM Peak | 17:00 | 17:00 | 12:00 | 17:00 | 12:00 |
| | 10 | 9 | 2 | 1 | 0 |

Paul Castle Associates

**Direction: Northwestbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 2 | 1 | 1 | 0 | 0 |
| 03:00 | 5 | 0 | 5 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 1 | 1 | 0 | 0 | 0 |
| 08:00 | 4 | 3 | 1 | 0 | 0 |
| 09:00 | 6 | 5 | 1 | 0 | 0 |
| 10:00 | 3 | 3 | 0 | 0 | 0 |
| 11:00 | 11 | 11 | 0 | 0 | 0 |
| 12:00 | 5 | 5 | 0 | 0 | 0 |
| 13:00 | 6 | 5 | 1 | 0 | 0 |
| 14:00 | 3 | 3 | 0 | 0 | 0 |
| 15:00 | 4 | 4 | 0 | 0 | 0 |
| 16:00 | 11 | 8 | 2 | 1 | 0 |
| 17:00 | 6 | 6 | 0 | 0 | 0 |
| 18:00 | 4 | 4 | 0 | 0 | 0 |
| 19:00 | 3 | 3 | 0 | 0 | 0 |
| 20:00 | 1 | 1 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 3 | 3 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 64 | 58 | 5 | 1 | 0 |
| 16H(6-22) | 69 | 63 | 5 | 1 | 0 |
| 18H(6-24) | 72 | 66 | 5 | 1 | 0 |
| 24H(0-24) | 79 | 67 | 11 | 1 | 0 |
| AM Peak | 11:00 | 11:00 | 03:00 | 00:00 | 00:00 |
| | 11 | 11 | 5 | 0 | 0 |
| PM Peak | 16:00 | 16:00 | 16:00 | 16:00 | 12:00 |
| | 11 | 8 | 2 | 1 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 2 | 1 | 1 | 0 | 0 |
| 03:00 | 5 | 0 | 5 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 0 | 0 | 0 |
| 06:00 | 2 | 2 | 0 | 0 | 0 |
| 07:00 | 2 | 2 | 0 | 0 | 0 |
| 08:00 | 9 | 7 | 2 | 0 | 0 |
| 09:00 | 15 | 13 | 2 | 0 | 0 |
| 10:00 | 9 | 8 | 0 | 1 | 0 |
| 11:00 | 23 | 22 | 1 | 0 | 0 |
| 12:00 | 12 | 10 | 2 | 0 | 0 |
| 13:00 | 11 | 8 | 3 | 0 | 0 |
| 14:00 | 8 | 8 | 0 | 0 | 0 |
| 15:00 | 9 | 9 | 0 | 0 | 0 |
| 16:00 | 16 | 12 | 3 | 1 | 0 |
| 17:00 | 16 | 15 | 0 | 1 | 0 |
| 18:00 | 8 | 8 | 0 | 0 | 0 |
| 19:00 | 5 | 5 | 0 | 0 | 0 |
| 20:00 | 4 | 4 | 0 | 0 | 0 |
| 21:00 | 2 | 2 | 0 | 0 | 0 |
| 22:00 | 4 | 4 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 138 | 122 | 13 | 3 | 0 |
| 16H(6-22) | 151 | 135 | 13 | 3 | 0 |
| 18H(6-24) | 155 | 139 | 13 | 3 | 0 |
| 24H(0-24) | 163 | 141 | 19 | 3 | 0 |
| AM Peak | 11:00 | 11:00 | 03:00 | 10:00 | 00:00 |
| | 23 | 22 | 5 | 1 | 0 |
| PM Peak | 16:00 | 17:00 | 13:00 | 16:00 | 12:00 |
| | 16 | 15 | 3 | 1 | 0 |

Paul Castle Associates

# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

12/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 2 | 2 | 0 | 0 | 0 |
| 06:00 | 0 | 0 | 0 | 0 | 0 |
| 07:00 | 2 | 2 | 0 | 0 | 0 |
| 08:00 | 10 | 10 | 0 | 0 | 0 |
| 09:00 | 5 | 4 | 1 | 0 | 0 |
| 10:00 | 13 | 10 | 3 | 0 | 0 |
| 11:00 | 10 | 9 | 0 | 0 | 1 |
| 12:00 | 10 | 8 | 2 | 0 | 0 |
| 13:00 | 8 | 7 | 1 | 0 | 0 |
| 14:00 | 9 | 7 | 2 | 0 | 0 |
| 15:00 | 3 | 3 | 0 | 0 | 0 |
| 16:00 | 5 | 4 | 1 | 0 | 0 |
| 17:00 | 7 | 7 | 0 | 0 | 0 |
| 18:00 | 7 | 7 | 0 | 0 | 0 |
| 19:00 | 4 | 4 | 0 | 0 | 0 |
| 20:00 | 3 | 1 | 2 | 0 | 0 |
| 21:00 | 2 | 2 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 89 | 78 | 10 | 0 | 1 |
| 16H(6-22) | 98 | 85 | 12 | 0 | 1 |
| 18H(6-24) | 99 | 86 | 12 | 0 | 1 |
| 24H(0-24) | 101 | 88 | 12 | 0 | 1 |
| AM Peak | 10:00 | 08:00 | 10:00 | 00:00 | 11:00 |
| | 13 | 10 | 3 | 0 | 1 |
| PM Peak | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | 10 | 8 | 2 | 0 | 0 |

Paul Castle Associates

**Direction: Northwestbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 0 | 0 | 0 |
| 06:00 | 2 | 2 | 0 | 0 | 0 |
| 07:00 | 1 | 1 | 0 | 0 | 0 |
| 08:00 | 7 | 6 | 1 | 0 | 0 |
| 09:00 | 6 | 5 | 1 | 0 | 0 |
| 10:00 | 9 | 6 | 3 | 0 | 0 |
| 11:00 | 12 | 10 | 2 | 0 | 0 |
| 12:00 | 11 | 9 | 1 | 0 | 1 |
| 13:00 | 8 | 6 | 2 | 0 | 0 |
| 14:00 | 7 | 6 | 1 | 0 | 0 |
| 15:00 | 2 | 2 | 0 | 0 | 0 |
| 16:00 | 3 | 2 | 1 | 0 | 0 |
| 17:00 | 8 | 7 | 1 | 0 | 0 |
| 18:00 | 5 | 5 | 0 | 0 | 0 |
| 19:00 | 2 | 1 | 0 | 1 | 0 |
| 20:00 | 4 | 4 | 0 | 0 | 0 |
| 21:00 | 1 | 1 | 0 | 0 | 0 |
| 22:00 | 2 | 2 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 79 | 65 | 13 | 0 | 1 |
| 16H(6-22) | 88 | 73 | 13 | 1 | 1 |
| 18H(6-24) | 90 | 75 | 13 | 1 | 1 |
| 24H(0-24) | 91 | 76 | 13 | 1 | 1 |
| AM Peak | 11:00 | 11:00 | 10:00 | 00:00 | 00:00 |
| | 12 | 10 | 3 | 0 | 0 |
| PM Peak | 12:00 | 12:00 | 13:00 | 19:00 | 12:00 |
| | 11 | 9 | 2 | 1 | 1 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 3 | 3 | 0 | 0 | 0 |
| 06:00 | 2 | 2 | 0 | 0 | 0 |
| 07:00 | 3 | 3 | 0 | 0 | 0 |
| 08:00 | 17 | 16 | 1 | 0 | 0 |
| 09:00 | 11 | 9 | 2 | 0 | 0 |
| 10:00 | 22 | 16 | 6 | 0 | 0 |
| 11:00 | 22 | 19 | 2 | 0 | 1 |
| 12:00 | 21 | 17 | 3 | 0 | 1 |
| 13:00 | 16 | 13 | 3 | 0 | 0 |
| 14:00 | 16 | 13 | 3 | 0 | 0 |
| 15:00 | 5 | 5 | 0 | 0 | 0 |
| 16:00 | 8 | 6 | 2 | 0 | 0 |
| 17:00 | 15 | 14 | 1 | 0 | 0 |
| 18:00 | 12 | 12 | 0 | 0 | 0 |
| 19:00 | 6 | 5 | 0 | 1 | 0 |
| 20:00 | 7 | 5 | 2 | 0 | 0 |
| 21:00 | 3 | 3 | 0 | 0 | 0 |
| 22:00 | 3 | 3 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 168 | 143 | 23 | 0 | 2 |
| 16H(6-22) | 186 | 158 | 25 | 1 | 2 |
| 18H(6-24) | 189 | 161 | 25 | 1 | 2 |
| 24H(0-24) | 192 | 164 | 25 | 1 | 2 |
| AM Peak | 10:00 | 11:00 | 10:00 | 00:00 | 11:00 |
| | 22 | 19 | 6 | 0 | 1 |
| PM Peak | 12:00 | 12:00 | 12:00 | 19:00 | 12:00 |
| | 21 | 17 | 3 | 1 | 1 |

Paul Castle Associates

# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

**06/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 3 | 31.6 | 20.8 | 10.4 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 6 | 34.8 | 27.5 | 7.1 | 0 | 0 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 13 | 30.2 | 24.0 | 5.9 | 0 | 1 | 1 | 6 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 10 | 34.4 | 25.5 | 8.6 | 0 | 2 | 1 | 0 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 4 | 24.8 | 17.5 | 7.1 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 7 | 35.4 | 24.6 | 10.4 | 0 | 2 | 1 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 5 | 24.2 | 18.5 | 5.5 | 0 | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 6 | 33.5 | 25.0 | 8.2 | 0 | 1 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 4 | 36.1 | 26.3 | 9.5 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 10 | 37.8 | 29.0 | 8.5 | 0 | 1 | 0 | 2 | 2 | 3 | 1 | 1 | 0 | 0 | 0 | 0 |
| **17:00** | 7 | 29.5 | 19.7 | 9.4 | 1 | 1 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 5 | 35.8 | 31.5 | 4.2 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 3 | 35.2 | 29.2 | 5.8 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 3 | 32.7 | 27.5 | 5.0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 52.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 14 | 32.3 | 23.2 | 8.7 | 0 | 4 | 2 | 0 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 10 | 34.0 | 25.5 | 8.2 | 0 | 2 | 1 | 0 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 80 | 33.2 | 24.6 | 8.3 | 1 | 13 | 13 | 9 | 20 | 17 | 6 | 1 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 90 | 34.0 | 25.2 | 8.5 | 1 | 13 | 13 | 13 | 21 | 21 | 6 | 1 | 0 | 1 | 0 | 0 |
| **AM Peak** | 09:00 | 08:00 | 06:00 | 07:00 | 00:00 | 10:00 | 07:00 | 09:00 | 09:00 | 10:00 | 08:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **13** | **34.8** | **32.5** | **10.4** | **0** | **2** | **1** | **6** | **4** | **2** | **1** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 16:00 | 16:00 | 22:00 | 12:00 | 17:00 | 12:00 | 13:00 | 16:00 | 14:00 | 16:00 | 12:00 | 16:00 | 12:00 | 22:00 | 12:00 | 12:00 |
| | **10** | **37.8** | **52.5** | **10.4** | **1** | **2** | **3** | **2** | **2** | **3** | **1** | **1** | **0** | **1** | **0** | **0** |



**Direction: Northwestbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 3 | 40.0 | 29.2 | 10.4 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 1 | - | 47.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **08:00** | 5 | 29.8 | 22.5 | 7.1 | 0 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 3 | 22.7 | 17.5 | 5.0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 7 | 28.8 | 21.1 | 7.5 | 0 | 2 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 6 | 30.5 | 20.8 | 9.3 | 0 | 3 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 7 | 32.7 | 21.9 | 10.5 | 1 | 1 | 1 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 8 | 36.0 | 25.1 | 10.6 | 1 | 0 | 2 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 8 | 28.9 | 20.6 | 8.0 | 0 | 3 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 5 | 36.4 | 23.5 | 12.4 | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **16:00** | 6 | 33.6 | 26.7 | 6.6 | 0 | 0 | 1 | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 10 | 32.9 | 25.5 | 7.1 | 0 | 1 | 1 | 2 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 13 | 29.3 | 21.0 | 8.0 | 0 | 5 | 1 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 13 | 31.6 | 21.7 | 9.5 | 0 | 5 | 1 | 2 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 67 | 32.5 | 23.3 | 8.9 | 2 | 14 | 9 | 11 | 18 | 6 | 5 | 1 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 72 | 32.9 | 23.6 | 9.0 | 2 | 15 | 10 | 11 | 18 | 8 | 6 | 1 | 1 | 0 | 0 | 0 |
| **AM Peak** | 10:00 | 06:00 | 07:00 | 06:00 | 00:00 | 11:00 | 06:00 | 10:00 | 08:00 | 06:00 | 06:00 | 00:00 | 07:00 | 00:00 | 00:00 | 00:00 |
| | **7** | **40.0** | **47.5** | **10.4** | **0** | **3** | **1** | **2** | **3** | **1** | **1** | **0** | **1** | **0** | **0** | **0** |
| **PM Peak** | 17:00 | 15:00 | 19:00 | 15:00 | 12:00 | 14:00 | 13:00 | 12:00 | 17:00 | 12:00 | 13:00 | 15:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **10** | **36.4** | **32.5** | **12.4** | **1** | **3** | **2** | **2** | **4** | **1** | **2** | **1** | **0** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 4 | 39.0 | 30.0 | 8.7 | 0 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 4 | 43.9 | 27.5 | 15.8 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| **08:00** | 11 | 32.7 | 25.2 | 7.2 | 0 | 1 | 2 | 1 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 16 | 29.2 | 22.8 | 6.2 | 0 | 2 | 2 | 7 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 17 | 32.2 | 23.7 | 8.2 | 0 | 4 | 2 | 2 | 5 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 10 | 28.0 | 19.5 | 8.2 | 0 | 5 | 1 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 14 | 33.7 | 23.3 | 10.1 | 1 | 3 | 2 | 2 | 1 | 3 | 2 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 13 | 32.2 | 22.5 | 9.3 | 1 | 1 | 5 | 1 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 14 | 30.9 | 22.5 | 8.1 | 0 | 4 | 2 | 1 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 9 | 35.7 | 24.7 | 10.6 | 0 | 3 | 0 | 1 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| **16:00** | 16 | 36.1 | 28.1 | 7.7 | 0 | 1 | 1 | 3 | 5 | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| **17:00** | 17 | 31.8 | 23.1 | 8.4 | 1 | 2 | 4 | 2 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 6 | 35.1 | 30.8 | 4.1 | 0 | 0 | 0 | 0 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 4 | 35.2 | 30.0 | 5.0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 3 | 32.7 | 27.5 | 5.0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 52.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 27 | 30.7 | 22.1 | 8.3 | 0 | 9 | 3 | 2 | 8 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 23 | 32.7 | 23.4 | 9.0 | 0 | 7 | 2 | 2 | 6 | 5 | 0 | 1 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 147 | 32.9 | 24.0 | 8.6 | 3 | 27 | 22 | 20 | 38 | 23 | 11 | 2 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 162 | 33.5 | 24.5 | 8.7 | 3 | 28 | 23 | 24 | 39 | 29 | 12 | 2 | 1 | 1 | 0 | 0 |
| **AM Peak** | 10:00 | 07:00 | 06:00 | 07:00 | 00:00 | 11:00 | 08:00 | 09:00 | 08:00 | 10:00 | 06:00 | 00:00 | 07:00 | 00:00 | 00:00 | 00:00 |
| | **17** | **43.9** | **30.0** | **15.8** | **0** | **5** | **2** | **7** | **5** | **3** | **1** | **0** | **1** | **0** | **0** | **0** |
| **PM Peak** | 17:00 | 16:00 | 22:00 | 15:00 | 12:00 | 14:00 | 13:00 | 16:00 | 16:00 | 12:00 | 12:00 | 15:00 | 12:00 | 22:00 | 12:00 | 12:00 |
| | **17** | **36.1** | **52.5** | **10.6** | **1** | **4** | **5** | **3** | **5** | **3** | **2** | **1** | **0** | **1** | **0** | **0** |

# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

**07/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **08:00** | 5 | 37.8 | 33.5 | 4.2 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 4 | 30.1 | 21.3 | 8.5 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 4 | 36.7 | 30.0 | 6.5 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 8 | 23.3 | 16.9 | 6.2 | 0 | 5 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 5 | 32.1 | 21.5 | 10.2 | 0 | 2 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 6 | 40.0 | 31.7 | 8.0 | 0 | 0 | 0 | 2 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| **14:00** | 7 | 45.0 | 33.2 | 11.3 | 0 | 1 | 0 | 0 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| **15:00** | 5 | 34.8 | 27.5 | 7.1 | 0 | 0 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 4 | 41.7 | 28.8 | 12.5 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **17:00** | 5 | 36.2 | 25.5 | 10.4 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 4 | 36.2 | 31.3 | 4.8 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 2 | 37.5 | 37.5 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 12 | 30.4 | 21.3 | 8.8 | 0 | 5 | 0 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 12 | 41.0 | 30.8 | 9.8 | 0 | 1 | 1 | 1 | 1 | 5 | 1 | 1 | 1 | 0 | 0 | 0 |
| **12H(7-19)** | 58 | 37.5 | 27.3 | 9.8 | 0 | 11 | 4 | 7 | 8 | 16 | 7 | 4 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 65 | 37.4 | 27.5 | 9.5 | 0 | 11 | 5 | 8 | 10 | 17 | 9 | 4 | 1 | 0 | 0 | 0 |
| **AM Peak** | 11:00 | 08:00 | 07:00 | 09:00 | 00:00 | 11:00 | 09:00 | 11:00 | 00:00 | 08:00 | 08:00 | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **8** | **37.8** | **42.5** | **8.5** | **0** | **5** | **1** | **2** | **1** | **2** | **2** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 14:00 | 14:00 | 20:00 | 16:00 | 12:00 | 12:00 | 12:00 | 13:00 | 18:00 | 15:00 | 20:00 | 13:00 | 14:00 | 12:00 | 12:00 | 12:00 |
| | **7** | **45.0** | **37.5** | **12.5** | **0** | **2** | **1** | **2** | **2** | **3** | **2** | **1** | **1** | **0** | **0** | **0** |



**Direction: Northwestbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 2 | 41.0 | 30.0 | 10.6 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **08:00** | 4 | 37.0 | 27.5 | 9.1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 6 | 34.4 | 24.2 | 9.8 | 0 | 2 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 6 | 29.4 | 23.3 | 5.8 | 0 | 1 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 8 | 34.0 | 26.3 | 7.4 | 0 | 1 | 0 | 2 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 9 | 32.9 | 23.1 | 9.5 | 0 | 2 | 3 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 6 | 37.6 | 25.0 | 12.1 | 0 | 2 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 3 | 51.8 | 30.8 | 20.2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| **15:00** | 5 | 33.8 | 27.5 | 6.1 | 0 | 0 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 6 | 34.8 | 27.5 | 7.1 | 0 | 0 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 2 | 32.5 | 32.5 | 0.0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 2 | 22.5 | 22.5 | 0.0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 2 | 33.7 | 30.0 | 3.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 14 | 32.0 | 25.0 | 6.7 | 0 | 2 | 0 | 4 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 8 | 41.1 | 28.8 | 11.9 | 0 | 1 | 1 | 0 | 3 | 2 | 0 | 0 | 0 | 1 | 0 | 0 |
| **12H(7-19)** | 58 | 35.3 | 26.0 | 9.0 | 0 | 9 | 7 | 9 | 12 | 13 | 6 | 1 | 0 | 1 | 0 | 0 |
| **24H(0-24)** | 63 | 35.4 | 26.3 | 8.8 | 0 | 9 | 7 | 10 | 14 | 14 | 7 | 1 | 0 | 1 | 0 | 0 |
| **AM Peak** | 11:00 | 06:00 | 07:00 | 06:00 | 00:00 | 09:00 | 08:00 | 10:00 | 10:00 | 09:00 | 06:00 | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **8** | **41.0** | **42.5** | **10.6** | **0** | **2** | **1** | **2** | **3** | **3** | **1** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 12:00 | 14:00 | 17:00 | 14:00 | 12:00 | 12:00 | 12:00 | 18:00 | 15:00 | 12:00 | 13:00 | 12:00 | 12:00 | 14:00 | 12:00 | 12:00 |
| | **9** | **51.8** | **32.5** | **20.2** | **0** | **2** | **3** | **2** | **2** | **2** | **2** | **0** | **0** | **1** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 2 | 41.0 | 30.0 | 10.6 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 2 | 42.5 | 42.5 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| **08:00** | 9 | 38.2 | 30.8 | 7.1 | 0 | 0 | 1 | 1 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 10 | 32.3 | 23.0 | 9.0 | 0 | 3 | 1 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 10 | 32.9 | 26.0 | 6.7 | 0 | 1 | 0 | 3 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 16 | 30.1 | 21.6 | 8.2 | 0 | 6 | 0 | 4 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 14 | 32.2 | 22.5 | 9.4 | 0 | 4 | 4 | 0 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 12 | 39.1 | 28.3 | 10.4 | 0 | 2 | 1 | 2 | 0 | 3 | 3 | 1 | 0 | 0 | 0 | 0 |
| **14:00** | 10 | 46.3 | 32.5 | 13.3 | 0 | 2 | 0 | 0 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 |
| **15:00** | 10 | 34.0 | 27.5 | 6.2 | 0 | 0 | 2 | 1 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 10 | 37.3 | 28.0 | 9.0 | 0 | 1 | 1 | 1 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| **17:00** | 7 | 37.0 | 27.5 | 9.1 | 0 | 1 | 1 | 0 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 6 | 34.4 | 28.3 | 5.8 | 0 | 0 | 0 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 3 | 33.7 | 25.8 | 7.6 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 2 | 37.5 | 37.5 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 26 | 31.4 | 23.3 | 7.8 | 0 | 7 | 0 | 7 | 8 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 20 | 40.8 | 30.0 | 10.5 | 0 | 2 | 2 | 1 | 4 | 7 | 1 | 1 | 1 | 1 | 0 | 0 |
| **12H(7-19)** | 116 | 36.4 | 26.7 | 9.4 | 0 | 20 | 11 | 16 | 20 | 29 | 13 | 5 | 1 | 1 | 0 | 0 |
| **24H(0-24)** | 128 | 36.4 | 26.9 | 9.1 | 0 | 20 | 12 | 18 | 24 | 31 | 16 | 5 | 1 | 1 | 0 | 0 |
| **AM Peak** | 11:00 | 07:00 | 07:00 | 06:00 | 00:00 | 11:00 | 08:00 | 11:00 | 10:00 | 09:00 | 08:00 | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **16** | **42.5** | **42.5** | **10.6** | **0** | **6** | **1** | **4** | **4** | **4** | **3** | **2** | **0** | **0** | **0** | **0** |
| **PM Peak** | 12:00 | 14:00 | 20:00 | 14:00 | 12:00 | 12:00 | 12:00 | 13:00 | 16:00 | 15:00 | 13:00 | 13:00 | 14:00 | 14:00 | 12:00 | 12:00 |
| | **14** | **46.3** | **37.5** | **13.3** | **0** | **4** | **4** | **2** | **3** | **5** | **3** | **1** | **1** | **1** | **0** | **0** |

# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

**08/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 2 | 22.5 | 22.5 | 0.0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 3 | 37.7 | 32.5 | 5.0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 5 | 44.4 | 31.5 | 12.4 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| **09:00** | 4 | 36.7 | 30.0 | 6.5 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 12 | 32.5 | 22.1 | 10.0 | 1 | 4 | 0 | 1 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 7 | 30.4 | 25.4 | 4.9 | 0 | 0 | 1 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 5 | 36.4 | 23.5 | 12.4 | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **13:00** | 6 | 40.2 | 27.5 | 12.2 | 0 | 1 | 1 | 0 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| **14:00** | 10 | 37.6 | 27.5 | 9.7 | 0 | 2 | 0 | 1 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| **15:00** | 2 | 51.0 | 40.0 | 10.6 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| **16:00** | 5 | 36.4 | 30.5 | 5.7 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 8 | 33.2 | 23.8 | 9.2 | 0 | 2 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 3 | 41.5 | 32.5 | 8.7 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 2 | 37.2 | 22.5 | 14.1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 19 | 32.1 | 23.3 | 8.5 | 1 | 4 | 1 | 3 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 12 | 40.5 | 29.6 | 10.5 | 0 | 2 | 0 | 1 | 3 | 3 | 1 | 1 | 1 | 0 | 0 | 0 |
| **12H(7-19)** | 70 | 37.1 | 27.1 | 9.6 | 1 | 11 | 3 | 11 | 18 | 13 | 8 | 2 | 2 | 1 | 0 | 0 |
| **24H(0-24)** | 78 | 36.7 | 26.9 | 9.4 | 1 | 12 | 3 | 14 | 19 | 16 | 8 | 2 | 2 | 1 | 0 | 0 |
| **AM Peak** | 10:00 | 08:00 | 06:00 | 08:00 | 10:00 | 10:00 | 11:00 | 05:00 | 10:00 | 10:00 | 07:00 | 00:00 | 00:00 | 08:00 | 00:00 | 00:00 |
| | **12** | **44.4** | **32.5** | **12.4** | **1** | **4** | **1** | **2** | **3** | **2** | **1** | **0** | **0** | **1** | **0** | **0** |
| **PM Peak** | 14:00 | 15:00 | 15:00 | 20:00 | 12:00 | 12:00 | 13:00 | 12:00 | 14:00 | 14:00 | 18:00 | 12:00 | 13:00 | 12:00 | 12:00 | 12:00 |
| | **10** | **51.0** | **40.0** | **14.1** | **0** | **2** | **1** | **1** | **3** | **2** | **2** | **1** | **1** | **0** | **0** | **0** |



**Direction: Northwestbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 37.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 2 | 32.5 | 32.5 | 0.0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 6 | 39.2 | 25.8 | 12.9 | 0 | 1 | 2 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| **09:00** | 4 | 29.8 | 22.5 | 7.1 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 3 | 33.8 | 30.8 | 2.9 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 10 | 27.4 | 20.0 | 7.2 | 0 | 4 | 1 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 4 | 30.1 | 21.3 | 8.5 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 5 | 37.5 | 24.5 | 12.5 | 0 | 2 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 10 | 33.5 | 25.0 | 8.2 | 0 | 2 | 0 | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 4 | 27.8 | 21.3 | 6.3 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 4 | 33.7 | 28.8 | 4.8 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 7 | 33.2 | 25.4 | 7.6 | 0 | 1 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 4 | 41.0 | 26.4 | 14.1 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 2 | 32.5 | 32.5 | 0.0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 2 | 28.7 | 25.0 | 3.5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 13 | 30.7 | 22.5 | 7.9 | 0 | 4 | 1 | 1 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 14 | 31.9 | 23.9 | 7.7 | 0 | 3 | 0 | 5 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 63 | 33.5 | 24.5 | 8.7 | 1 | 12 | 6 | 14 | 10 | 14 | 5 | 0 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 69 | 33.8 | 24.9 | 8.6 | 1 | 12 | 6 | 16 | 11 | 16 | 6 | 0 | 1 | 0 | 0 | 0 |
| **AM Peak** | 11:00 | 08:00 | 06:00 | 08:00 | 00:00 | 11:00 | 08:00 | 09:00 | 11:00 | 07:00 | 06:00 | 00:00 | 08:00 | 00:00 | 00:00 | 00:00 |
| | **10** | **39.2** | **37.5** | **12.9** | **0** | **4** | **2** | **1** | **4** | **2** | **1** | **0** | **1** | **0** | **0** | **0** |
| **PM Peak** | 14:00 | 18:00 | 19:00 | 18:00 | 18:00 | 13:00 | 12:00 | 14:00 | 14:00 | 17:00 | 13:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **10** | **41.0** | **32.5** | **14.1** | **1** | **2** | **1** | **3** | **2** | **3** | **2** | **0** | **0** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 2 | 22.5 | 22.5 | 0.0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 2 | 38.7 | 35.0 | 3.5 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 5 | 36.2 | 32.5 | 3.5 | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 11 | 41.3 | 28.4 | 12.4 | 0 | 1 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 1 | 0 | 0 |
| **09:00** | 8 | 34.0 | 26.3 | 7.4 | 0 | 0 | 2 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 15 | 33.9 | 23.9 | 9.7 | 1 | 4 | 0 | 1 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 17 | 29.2 | 22.2 | 6.7 | 0 | 4 | 2 | 3 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 9 | 33.2 | 22.5 | 10.3 | 0 | 3 | 1 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **13:00** | 11 | 38.4 | 26.1 | 11.9 | 0 | 3 | 1 | 1 | 2 | 1 | 2 | 0 | 1 | 0 | 0 | 0 |
| **14:00** | 20 | 35.4 | 26.3 | 8.9 | 0 | 4 | 0 | 4 | 5 | 4 | 2 | 1 | 0 | 0 | 0 | 0 |
| **15:00** | 6 | 39.8 | 27.5 | 11.8 | 0 | 1 | 0 | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| **16:00** | 9 | 35.0 | 29.7 | 5.1 | 0 | 0 | 0 | 2 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 15 | 33.0 | 24.5 | 8.2 | 0 | 3 | 1 | 4 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 7 | 41.1 | 29.0 | 11.7 | 1 | 0 | 0 | 2 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 3 | 33.8 | 30.8 | 2.9 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 4 | 32.6 | 23.8 | 8.5 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 2 | 34.8 | 27.5 | 7.1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 32 | 31.4 | 23.0 | 8.1 | 1 | 8 | 2 | 4 | 11 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 26 | 36.3 | 26.5 | 9.4 | 0 | 5 | 0 | 6 | 6 | 5 | 2 | 1 | 1 | 0 | 0 | 0 |
| **12H(7-19)** | 133 | 35.5 | 25.9 | 9.3 | 2 | 23 | 9 | 25 | 28 | 27 | 13 | 2 | 3 | 1 | 0 | 0 |
| **24H(0-24)** | 147 | 35.4 | 26.0 | 9.0 | 2 | 24 | 9 | 30 | 30 | 32 | 14 | 2 | 3 | 1 | 0 | 0 |
| **AM Peak** | 11:00 | 08:00 | 06:00 | 08:00 | 10:00 | 10:00 | 08:00 | 11:00 | 11:00 | 10:00 | 06:00 | 00:00 | 08:00 | 08:00 | 00:00 | 00:00 |
| | **17** | **41.3** | **35.0** | **12.4** | **1** | **4** | **2** | **3** | **7** | **4** | **1** | **0** | **1** | **1** | **0** | **0** |
| **PM Peak** | 14:00 | 18:00 | 19:00 | 13:00 | 18:00 | 14:00 | 12:00 | 14:00 | 14:00 | 14:00 | 18:00 | 12:00 | 13:00 | 12:00 | 12:00 | 12:00 |
| | **20** | **41.1** | **30.8** | **11.9** | **1** | **4** | **1** | **4** | **5** | **4** | **4** | **1** | **1** | **0** | **0** | **0** |

# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

**09/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 2 | 34.8 | 27.5 | 7.1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 8.0 | - | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 3 | 32.7 | 27.5 | 5.0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 6 | 36.4 | 25.9 | 10.2 | 1 | 0 | 0 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 8 | 34.0 | 26.3 | 7.4 | 0 | 1 | 1 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 5 | 39.7 | 28.5 | 10.8 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **11:00** | 7 | 29.9 | 21.1 | 8.5 | 0 | 2 | 1 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 7 | 33.8 | 26.1 | 7.5 | 0 | 0 | 2 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 8 | 32.9 | 22.5 | 10.0 | 0 | 1 | 4 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **14:00** | 8 | 42.8 | 33.8 | 8.8 | 0 | 0 | 1 | 0 | 2 | 0 | 3 | 2 | 0 | 0 | 0 | 0 |
| **15:00** | 12 | 40.7 | 28.8 | 11.5 | 0 | 2 | 0 | 3 | 2 | 2 | 1 | 0 | 2 | 0 | 0 | 0 |
| **16:00** | 9 | 33.8 | 23.1 | 10.3 | 1 | 1 | 1 | 3 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **17:00** | 8 | 35.0 | 24.4 | 10.2 | 1 | 0 | 1 | 3 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **18:00** | 3 | 42.9 | 32.5 | 10.0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **19:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 6 | 31.2 | 22.5 | 8.4 | 0 | 1 | 2 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 3 | 33.8 | 30.8 | 2.9 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 12 | 34.4 | 24.2 | 9.8 | 0 | 3 | 1 | 3 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 20 | 41.7 | 30.8 | 10.5 | 0 | 2 | 1 | 3 | 4 | 2 | 4 | 2 | 2 | 0 | 0 | 0 |
| **12H(7-19)** | 84 | 36.4 | 26.4 | 9.7 | 3 | 8 | 11 | 17 | 16 | 13 | 7 | 7 | 2 | 0 | 0 | 0 |
| **24H(0-24)** | 98 | 36.0 | 26.2 | 9.5 | 4 | 9 | 13 | 19 | 18 | 19 | 7 | 7 | 2 | 0 | 0 | 0 |
| **AM Peak** | 09:00 | 10:00 | 10:00 | 10:00 | 06:00 | 11:00 | 09:00 | 11:00 | 09:00 | 09:00 | 08:00 | 10:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **8** | **39.7** | **28.5** | **10.8** | **1** | **2** | **1** | **3** | **3** | **3** | **1** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 15:00 | 18:00 | 14:00 | 15:00 | 16:00 | 15:00 | 13:00 | 15:00 | 12:00 | 15:00 | 14:00 | 14:00 | 15:00 | 12:00 | 12:00 | 12:00 |
| | **12** | **42.9** | **33.8** | **11.5** | **1** | **2** | **4** | **3** | **2** | **2** | **3** | **2** | **2** | **0** | **0** | **0** |



**Direction: Northwestbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 2 | 46.0 | 35.0 | 10.6 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **08:00** | 4 | 31.7 | 25.0 | 6.5 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 8 | 27.3 | 20.0 | 7.1 | 0 | 2 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 6 | 27.7 | 21.7 | 5.8 | 0 | 1 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 8 | 33.6 | 23.1 | 10.2 | 0 | 2 | 2 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 4 | 34.9 | 25.0 | 9.6 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 3 | 30.2 | 24.2 | 5.8 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 8 | 34.3 | 24.4 | 9.6 | 0 | 1 | 3 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 10 | 40.4 | 28.5 | 11.5 | 0 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| **16:00** | 8 | 28.8 | 20.0 | 8.5 | 0 | 2 | 4 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 9 | 28.1 | 19.2 | 8.6 | 1 | 3 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 8 | 31.5 | 21.3 | 9.8 | 1 | 1 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 4 | 43.6 | 33.8 | 9.5 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| **20:00** | 3 | 41.2 | 27.5 | 13.2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 14 | 31.1 | 22.5 | 8.3 | 0 | 3 | 3 | 3 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 18 | 37.7 | 26.7 | 10.6 | 0 | 2 | 5 | 1 | 4 | 1 | 3 | 1 | 1 | 0 | 0 | 0 |
| **12H(7-19)** | 78 | 32.5 | 23.1 | 9.1 | 2 | 13 | 22 | 9 | 16 | 5 | 8 | 2 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 87 | 33.5 | 23.7 | 9.4 | 2 | 14 | 23 | 10 | 18 | 7 | 8 | 3 | 2 | 0 | 0 | 0 |
| **AM Peak** | 09:00 | 07:00 | 07:00 | 07:00 | 00:00 | 09:00 | 09:00 | 10:00 | 10:00 | 06:00 | 11:00 | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **8** | **46.0** | **35.0** | **10.6** | **0** | **2** | **3** | **2** | **2** | **1** | **2** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 15:00 | 19:00 | 19:00 | 20:00 | 17:00 | 17:00 | 16:00 | 18:00 | 13:00 | 15:00 | 14:00 | 15:00 | 15:00 | 12:00 | 12:00 | 12:00 |
| | **10** | **43.6** | **33.8** | **13.2** | **1** | **3** | **4** | **2** | **2** | **1** | **2** | **1** | **1** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 2 | 34.8 | 27.5 | 7.1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 2 | 38.2 | 20.3 | 17.3 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 5 | 38.4 | 30.5 | 7.6 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **08:00** | 10 | 34.3 | 25.6 | 8.4 | 1 | 0 | 1 | 2 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 16 | 31.1 | 23.1 | 7.7 | 0 | 3 | 4 | 1 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 11 | 33.9 | 24.8 | 8.8 | 0 | 2 | 1 | 2 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **11:00** | 15 | 31.7 | 22.2 | 9.2 | 0 | 4 | 3 | 4 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 11 | 33.8 | 25.7 | 7.8 | 0 | 0 | 4 | 1 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 11 | 32.1 | 23.0 | 8.8 | 0 | 1 | 5 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **14:00** | 16 | 39.5 | 29.1 | 10.1 | 0 | 1 | 4 | 0 | 4 | 0 | 5 | 2 | 0 | 0 | 0 | 0 |
| **15:00** | 22 | 40.3 | 28.6 | 11.2 | 0 | 3 | 2 | 4 | 4 | 3 | 2 | 1 | 3 | 0 | 0 | 0 |
| **16:00** | 17 | 31.3 | 21.6 | 9.3 | 1 | 3 | 5 | 3 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| **17:00** | 17 | 31.5 | 21.7 | 9.5 | 2 | 3 | 2 | 4 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| **18:00** | 11 | 35.5 | 24.4 | 10.7 | 1 | 1 | 2 | 3 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| **19:00** | 5 | 42.0 | 33.5 | 8.2 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| **20:00** | 9 | 34.2 | 24.2 | 9.7 | 0 | 1 | 3 | 2 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| **21:00** | 3 | 33.8 | 30.8 | 2.9 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 2 | 31.0 | 20.0 | 10.6 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 26 | 32.5 | 23.3 | 8.9 | 0 | 6 | 4 | 6 | 5 | 1 | 3 | 1 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 38 | 39.8 | 28.8 | 10.6 | 0 | 4 | 6 | 4 | 8 | 3 | 7 | 3 | 3 | 0 | 0 | 0 |
| **12H(7-19)** | 162 | 34.7 | 24.8 | 9.5 | 5 | 21 | 33 | 26 | 32 | 18 | 15 | 9 | 3 | 0 | 0 | 0 |
| **24H(0-24)** | 185 | 34.9 | 25.0 | 9.5 | 6 | 23 | 36 | 29 | 36 | 26 | 15 | 10 | 4 | 0 | 0 | 0 |
| **AM Peak** | 09:00 | 07:00 | 07:00 | 06:00 | 06:00 | 11:00 | 09:00 | 11:00 | 09:00 | 09:00 | 11:00 | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **16** | **38.4** | **30.5** | **17.3** | **1** | **4** | **4** | **4** | **4** | **4** | **3** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 15:00 | 19:00 | 19:00 | 15:00 | 17:00 | 15:00 | 13:00 | 15:00 | 14:00 | 15:00 | 14:00 | 14:00 | 15:00 | 12:00 | 12:00 | 12:00 |
| | **22** | **42.0** | **33.5** | **11.2** | **2** | **3** | **5** | **4** | **4** | **3** | **5** | **2** | **3** | **0** | **0** | **0** |

# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

**10/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 5 | 32.5 | 25.5 | 6.7 | 0 | 0 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 8 | 37.9 | 28.1 | 9.4 | 0 | 0 | 1 | 3 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| **09:00** | 5 | 33.4 | 25.5 | 7.6 | 0 | 0 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 7 | 38.1 | 26.9 | 10.8 | 1 | 0 | 0 | 2 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| **11:00** | 8 | 38.2 | 28.8 | 9.2 | 0 | 1 | 0 | 2 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 6 | 38.2 | 29.2 | 8.8 | 0 | 0 | 0 | 3 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| **13:00** | 6 | 30.5 | 20.8 | 9.3 | 0 | 3 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 2 | 37.2 | 22.5 | 14.1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 4 | 38.7 | 33.8 | 4.8 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 2 | 28.7 | 25.0 | 3.5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 5 | 36.4 | 30.5 | 5.7 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 5 | 35.8 | 31.5 | 4.2 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 4 | 40.5 | 25.0 | 15.0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **20:00** | 3 | 37.1 | 29.2 | 7.6 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **22:00** | 3 | 36.5 | 27.5 | 8.7 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 4 | 26.7 | 22.5 | 4.1 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 15 | 37.9 | 27.9 | 9.6 | 1 | 1 | 0 | 4 | 2 | 3 | 3 | 1 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 6 | 39.7 | 30.0 | 9.4 | 0 | 1 | 0 | 0 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 63 | 36.2 | 27.6 | 8.3 | 1 | 5 | 3 | 16 | 12 | 14 | 9 | 2 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 80 | 36.2 | 27.4 | 8.5 | 1 | 7 | 4 | 21 | 16 | 15 | 11 | 4 | 1 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 11:00 | 11:00 | 10:00 | 10:00 | 11:00 | 07:00 | 08:00 | 05:00 | 07:00 | 11:00 | 10:00 | 08:00 | 00:00 | 00:00 | 00:00 |
| | **8** | **38.2** | **28.8** | **10.8** | **1** | **1** | **1** | **3** | **1** | **2** | **3** | **1** | **1** | **0** | **0** | **0** |
| **PM Peak** | 12:00 | 19:00 | 21:00 | 19:00 | 12:00 | 13:00 | 23:00 | 12:00 | 13:00 | 17:00 | 15:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **6** | **40.5** | **42.5** | **15.0** | **0** | **3** | **1** | **3** | **2** | **2** | **2** | **1** | **0** | **0** | **0** | **0** |



**Direction: Northwestbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 1 | - | 52.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 5 | 33.9 | 24.5 | 9.1 | 0 | 1 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 6 | 37.0 | 29.2 | 7.5 | 0 | 0 | 1 | 0 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 2 | 29.8 | 22.5 | 7.1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 10 | 30.7 | 23.6 | 6.9 | 1 | 0 | 0 | 6 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 6 | 34.3 | 25.8 | 8.2 | 0 | 0 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 9 | 36.8 | 27.5 | 9.0 | 0 | 0 | 1 | 4 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| **13:00** | 3 | 31.6 | 20.8 | 10.4 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 7 | 38.1 | 26.9 | 10.8 | 1 | 0 | 0 | 2 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| **15:00** | 3 | 27.1 | 19.2 | 7.6 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 5 | 37.2 | 31.5 | 5.5 | 0 | 0 | 0 | 1 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 2 | 38.7 | 35.0 | 3.5 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 5 | 34.2 | 28.5 | 5.5 | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 3 | 36.8 | 30.8 | 5.8 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **22:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 16 | 31.9 | 24.4 | 7.2 | 1 | 0 | 2 | 7 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 10 | 35.2 | 24.6 | 10.2 | 1 | 1 | 1 | 2 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 63 | 34.8 | 26.3 | 8.1 | 2 | 3 | 7 | 18 | 11 | 13 | 6 | 3 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 68 | 36.2 | 27.1 | 8.7 | 2 | 3 | 7 | 18 | 13 | 13 | 7 | 4 | 0 | 1 | 0 | 0 |
| **AM Peak** | 10:00 | 08:00 | 02:00 | 07:00 | 10:00 | 07:00 | 11:00 | 10:00 | 08:00 | 10:00 | 08:00 | 00:00 | 00:00 | 02:00 | 00:00 | 00:00 |
| | **10** | **37.0** | **52.5** | **9.1** | **1** | **1** | **2** | **6** | **3** | **2** | **2** | **0** | **0** | **1** | **0** | **0** |
| **PM Peak** | 12:00 | 17:00 | 21:00 | 14:00 | 14:00 | 13:00 | 12:00 | 12:00 | 12:00 | 16:00 | 16:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **9** | **38.7** | **42.5** | **10.8** | **1** | **1** | **1** | **4** | **2** | **3** | **1** | **2** | **0** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 1 | - | 52.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 10 | 32.8 | 25.0 | 7.5 | 0 | 1 | 1 | 4 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 14 | 37.2 | 28.6 | 8.4 | 0 | 0 | 2 | 3 | 4 | 2 | 2 | 0 | 1 | 0 | 0 | 0 |
| **09:00** | 7 | 31.9 | 24.6 | 7.0 | 0 | 0 | 2 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 17 | 33.8 | 24.9 | 8.6 | 2 | 0 | 0 | 8 | 2 | 4 | 0 | 1 | 0 | 0 | 0 | 0 |
| **11:00** | 14 | 36.4 | 27.5 | 8.5 | 0 | 1 | 2 | 3 | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 15 | 37.1 | 28.2 | 8.6 | 0 | 0 | 1 | 7 | 3 | 0 | 1 | 3 | 0 | 0 | 0 | 0 |
| **13:00** | 9 | 30.2 | 20.8 | 9.0 | 0 | 4 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 9 | 37.1 | 25.9 | 10.8 | 1 | 1 | 0 | 2 | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 0 |
| **15:00** | 7 | 37.4 | 27.5 | 9.6 | 0 | 1 | 1 | 0 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 7 | 35.5 | 29.6 | 5.7 | 0 | 0 | 0 | 2 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 7 | 37.3 | 31.8 | 5.3 | 0 | 0 | 0 | 1 | 1 | 3 | 2 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 10 | 35.0 | 30.0 | 4.9 | 0 | 0 | 0 | 2 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 7 | 39.5 | 27.5 | 11.5 | 0 | 2 | 0 | 0 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| **20:00** | 3 | 37.1 | 29.2 | 7.6 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 2 | 42.5 | 42.5 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| **22:00** | 3 | 36.5 | 27.5 | 8.7 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 4 | 26.7 | 22.5 | 4.1 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 31 | 34.9 | 26.1 | 8.5 | 2 | 1 | 2 | 11 | 4 | 6 | 4 | 1 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 16 | 36.9 | 26.6 | 10.0 | 1 | 2 | 1 | 2 | 3 | 4 | 2 | 1 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 126 | 35.5 | 27.0 | 8.2 | 3 | 8 | 10 | 34 | 23 | 27 | 15 | 5 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 148 | 36.2 | 27.3 | 8.6 | 3 | 10 | 11 | 39 | 29 | 28 | 18 | 8 | 1 | 1 | 0 | 0 |
| **AM Peak** | 10:00 | 08:00 | 02:00 | 10:00 | 10:00 | 07:00 | 08:00 | 10:00 | 08:00 | 10:00 | 11:00 | 10:00 | 08:00 | 02:00 | 00:00 | 00:00 |
| | **17** | **37.2** | **52.5** | **8.6** | **2** | **1** | **2** | **8** | **4** | **4** | **4** | **1** | **1** | **1** | **0** | **0** |
| **PM Peak** | 12:00 | 21:00 | 21:00 | 19:00 | 14:00 | 13:00 | 12:00 | 12:00 | 12:00 | 18:00 | 15:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **15** | **42.5** | **42.5** | **11.5** | **1** | **4** | **1** | **7** | **3** | **5** | **2** | **3** | **0** | **0** | **0** | **0** |

# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

**11/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 5 | 32.0 | 23.5 | 8.2 | 0 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 9 | 38.6 | 28.1 | 10.1 | 0 | 2 | 0 | 0 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| **10:00** | 6 | 28.2 | 19.2 | 8.8 | 0 | 3 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 12 | 23.9 | 17.1 | 6.5 | 1 | 5 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 7 | 29.4 | 21.8 | 7.3 | 0 | 1 | 3 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 5 | 34.7 | 23.5 | 10.8 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 5 | 35.7 | 27.5 | 7.9 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 5 | 41.9 | 30.5 | 11.0 | 0 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| **16:00** | 5 | 22.3 | 14.7 | 7.4 | 2 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 10 | 39.8 | 28.0 | 11.4 | 0 | 2 | 2 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 4 | 30.2 | 17.8 | 12.0 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 2 | 22.5 | 22.5 | 0.0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 3 | 37.9 | 27.5 | 10.0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 2 | 44.8 | 37.5 | 7.1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 18 | 25.2 | 17.8 | 7.1 | 1 | 8 | 3 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 10 | 38.5 | 29.0 | 9.1 | 0 | 0 | 2 | 1 | 3 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| **12H(7-19)** | 74 | 33.3 | 23.0 | 9.9 | 5 | 15 | 15 | 6 | 12 | 11 | 8 | 1 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 84 | 33.9 | 23.7 | 9.8 | 5 | 15 | 17 | 8 | 13 | 14 | 9 | 2 | 1 | 0 | 0 | 0 |
| **AM Peak** | 11:00 | 09:00 | 06:00 | 09:00 | 11:00 | 11:00 | 08:00 | 11:00 | 09:00 | 08:00 | 09:00 | 09:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **12** | **38.6** | **32.5** | **10.1** | **1** | **5** | **3** | **2** | **3** | **2** | **1** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 17:00 | 21:00 | 21:00 | 18:00 | 16:00 | 17:00 | 12:00 | 16:00 | 12:00 | 12:00 | 17:00 | 21:00 | 15:00 | 12:00 | 12:00 | 12:00 |
| | **10** | **44.8** | **37.5** | **12.0** | **2** | **2** | **3** | **2** | **2** | **1** | **5** | **1** | **1** | **0** | **0** | **0** |



**Direction: Northwestbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 2 | 12.5 | 12.5 | 0.0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 5 | 34.8 | 27.5 | 7.1 | 0 | 0 | 0 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 4 | 34.9 | 25.0 | 9.6 | 0 | 1 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 6 | 29.3 | 21.7 | 7.4 | 0 | 2 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 3 | 35.0 | 24.2 | 10.4 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 11 | 25.1 | 19.3 | 5.6 | 0 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 5 | 17.6 | 12.7 | 4.8 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 6 | 29.3 | 21.7 | 7.4 | 0 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 3 | 18.8 | 15.8 | 2.9 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 4 | 31.0 | 22.5 | 8.2 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 11 | 27.1 | 19.3 | 7.5 | 0 | 3 | 5 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 6 | 32.8 | 22.6 | 9.9 | 1 | 0 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 4 | 16.3 | 13.8 | 2.5 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 3 | 42.9 | 32.5 | 10.0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **20:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 3 | 32.7 | 27.5 | 5.0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 14 | 27.3 | 20.4 | 6.7 | 0 | 4 | 3 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 7 | 26.9 | 19.6 | 7.0 | 0 | 2 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 64 | 27.9 | 20.0 | 7.6 | 3 | 17 | 16 | 11 | 9 | 6 | 2 | 0 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 79 | 29.6 | 21.2 | 8.1 | 3 | 19 | 17 | 16 | 10 | 10 | 3 | 1 | 0 | 0 | 0 | 0 |
| **AM Peak** | 11:00 | 10:00 | 07:00 | 10:00 | 00:00 | 11:00 | 11:00 | 03:00 | 09:00 | 08:00 | 03:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **11** | **35.0** | **32.5** | **10.4** | **0** | **3** | **3** | **3** | **3** | **2** | **1** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 16:00 | 19:00 | 19:00 | 19:00 | 12:00 | 16:00 | 16:00 | 15:00 | 13:00 | 13:00 | 16:00 | 19:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **11** | **42.9** | **32.5** | **10.0** | **2** | **3** | **5** | **2** | **1** | **1** | **1** | **1** | **0** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 2 | 12.5 | 12.5 | 0.0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 5 | 34.8 | 27.5 | 7.1 | 0 | 0 | 0 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 2 | 36.0 | 25.0 | 10.6 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 2 | 33.7 | 30.0 | 3.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 9 | 32.8 | 24.2 | 8.3 | 0 | 1 | 3 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 15 | 35.3 | 25.5 | 9.4 | 0 | 4 | 0 | 1 | 6 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| **10:00** | 9 | 30.2 | 20.8 | 9.0 | 0 | 4 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 23 | 24.4 | 18.2 | 6.0 | 1 | 8 | 5 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 12 | 26.0 | 18.0 | 7.7 | 2 | 2 | 5 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 11 | 31.5 | 22.5 | 8.7 | 0 | 2 | 4 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 8 | 32.1 | 23.1 | 8.6 | 0 | 1 | 3 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 9 | 37.5 | 26.9 | 10.1 | 0 | 1 | 1 | 2 | 2 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| **16:00** | 16 | 25.7 | 17.9 | 7.5 | 2 | 4 | 5 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 16 | 37.2 | 26.0 | 10.9 | 1 | 2 | 3 | 2 | 1 | 1 | 6 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 8 | 24.3 | 15.8 | 8.3 | 2 | 3 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 5 | 37.8 | 28.5 | 8.9 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **20:00** | 4 | 37.6 | 28.8 | 8.5 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 2 | 44.8 | 37.5 | 7.1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **22:00** | 4 | 33.7 | 28.8 | 4.8 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 32 | 26.1 | 18.9 | 7.0 | 1 | 12 | 6 | 5 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 17 | 34.9 | 25.1 | 9.4 | 0 | 2 | 4 | 3 | 3 | 3 | 1 | 0 | 1 | 0 | 0 | 0 |
| **12H(7-19)** | 138 | 30.9 | 21.6 | 9.0 | 8 | 32 | 31 | 17 | 21 | 17 | 10 | 1 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 163 | 31.9 | 22.5 | 9.1 | 8 | 34 | 34 | 24 | 23 | 24 | 12 | 3 | 1 | 0 | 0 | 0 |
| **AM Peak** | 11:00 | 06:00 | 07:00 | 06:00 | 11:00 | 11:00 | 11:00 | 11:00 | 09:00 | 08:00 | 03:00 | 09:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **23** | **36.0** | **30.0** | **10.6** | **1** | **8** | **5** | **5** | **6** | **4** | **1** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 16:00 | 21:00 | 21:00 | 17:00 | 12:00 | 16:00 | 12:00 | 16:00 | 12:00 | 13:00 | 17:00 | 19:00 | 15:00 | 12:00 | 12:00 | 12:00 |
| | **16** | **44.8** | **37.5** | **10.9** | **2** | **4** | **5** | **3** | **2** | **2** | **6** | **1** | **1** | **0** | **0** | **0** |

# Tween Bridge ATC 7, High Bridge Road

**Direction: Southeastbound**

**12/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 2 | 41.0 | 30.0 | 10.6 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 2 | 46.0 | 35.0 | 10.6 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **08:00** | 10 | 35.2 | 26.5 | 8.4 | 0 | 1 | 1 | 2 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| **09:00** | 5 | 33.8 | 27.5 | 6.1 | 0 | 0 | 0 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 13 | 34.8 | 27.2 | 7.4 | 1 | 0 | 1 | 1 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 10 | 26.6 | 20.5 | 5.9 | 0 | 3 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 10 | 32.0 | 23.0 | 8.6 | 0 | 2 | 2 | 3 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 8 | 39.4 | 30.6 | 8.4 | 0 | 0 | 1 | 1 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 0 |
| **14:00** | 9 | 34.5 | 24.2 | 10.0 | 0 | 1 | 3 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| **15:00** | 3 | 43.0 | 27.5 | 15.0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **16:00** | 5 | 41.4 | 29.5 | 11.5 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| **17:00** | 7 | 42.9 | 30.4 | 12.0 | 1 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| **18:00** | 7 | 42.2 | 28.9 | 12.8 | 0 | 2 | 0 | 0 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| **19:00** | 4 | 38.7 | 33.8 | 4.8 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 3 | 44.1 | 29.2 | 14.4 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 2 | 46.0 | 35.0 | 10.6 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 23 | 32.0 | 24.3 | 7.4 | 1 | 3 | 1 | 6 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 12 | 36.2 | 25.0 | 10.8 | 0 | 2 | 3 | 2 | 2 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 89 | 36.3 | 26.6 | 9.3 | 2 | 10 | 9 | 17 | 20 | 16 | 7 | 5 | 3 | 0 | 0 | 0 |
| **24H(0-24)** | 101 | 36.9 | 27.1 | 9.5 | 2 | 12 | 9 | 18 | 22 | 17 | 12 | 6 | 3 | 0 | 0 | 0 |
| **AM Peak** | 10:00 | 07:00 | 07:00 | 05:00 | 10:00 | 11:00 | 08:00 | 11:00 | 10:00 | 10:00 | 05:00 | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **13** | **46.0** | **35.0** | **10.6** | **1** | **3** | **1** | **5** | **4** | **6** | **1** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 12:00 | 21:00 | 21:00 | 15:00 | 17:00 | 12:00 | 14:00 | 12:00 | 13:00 | 12:00 | 13:00 | 13:00 | 16:00 | 12:00 | 12:00 | 12:00 |
| | **10** | **46.0** | **35.0** | **15.0** | **1** | **2** | **3** | **3** | **2** | **2** | **2** | **1** | **1** | **0** | **0** | **0** |



**Direction: Northwestbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 2 | 49.5 | 27.5 | 21.2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **07:00** | 1 | - | 47.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **08:00** | 7 | 33.3 | 23.2 | 9.8 | 0 | 1 | 2 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **09:00** | 6 | 29.8 | 22.5 | 7.1 | 0 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 9 | 25.5 | 20.3 | 5.1 | 0 | 1 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 12 | 29.3 | 19.7 | 9.3 | 2 | 2 | 3 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 11 | 26.5 | 18.9 | 7.4 | 1 | 3 | 3 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 8 | 29.4 | 21.3 | 7.9 | 0 | 2 | 1 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 7 | 28.2 | 21.1 | 6.9 | 0 | 2 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 2 | 18.7 | 15.0 | 3.5 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 3 | 46.5 | 37.5 | 8.7 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| **17:00** | 8 | 32.9 | 25.6 | 7.0 | 0 | 0 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 5 | 37.0 | 28.5 | 8.2 | 0 | 0 | 1 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 2 | 43.3 | 25.0 | 17.7 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 4 | 24.8 | 17.5 | 7.1 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 2 | 28.7 | 25.0 | 3.5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 21 | 27.8 | 19.9 | 7.6 | 2 | 3 | 7 | 4 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 9 | 26.6 | 19.7 | 6.7 | 0 | 3 | 2 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 79 | 31.6 | 22.5 | 8.8 | 3 | 13 | 19 | 16 | 15 | 5 | 4 | 3 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 91 | 32.0 | 22.7 | 9.0 | 3 | 17 | 20 | 17 | 18 | 6 | 5 | 4 | 1 | 0 | 0 | 0 |
| **AM Peak** | 11:00 | 06:00 | 07:00 | 06:00 | 11:00 | 11:00 | 10:00 | 08:00 | 10:00 | 05:00 | 11:00 | 06:00 | 07:00 | 00:00 | 00:00 | 00:00 |
| | **12** | **49.5** | **47.5** | **21.2** | **2** | **2** | **4** | **2** | **2** | **1** | **1** | **1** | **1** | **0** | **0** | **0** |
| **PM Peak** | 12:00 | 16:00 | 16:00 | 19:00 | 12:00 | 12:00 | 12:00 | 13:00 | 12:00 | 18:00 | 13:00 | 16:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **11** | **46.5** | **37.5** | **17.7** | **1** | **3** | **3** | **4** | **4** | **2** | **1** | **2** | **0** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 3 | 38.7 | 30.8 | 7.6 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 2 | 49.5 | 27.5 | 21.2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **07:00** | 3 | 50.0 | 39.2 | 10.4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| **08:00** | 17 | 34.3 | 25.1 | 8.9 | 0 | 2 | 3 | 4 | 4 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| **09:00** | 11 | 31.9 | 24.8 | 6.8 | 0 | 1 | 1 | 4 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 22 | 31.9 | 24.3 | 7.3 | 1 | 1 | 5 | 3 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 22 | 28.1 | 20.0 | 7.8 | 2 | 5 | 3 | 7 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 21 | 29.2 | 20.9 | 8.1 | 1 | 5 | 5 | 3 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 16 | 35.5 | 25.9 | 9.3 | 0 | 2 | 2 | 5 | 2 | 1 | 3 | 1 | 0 | 0 | 0 | 0 |
| **14:00** | 16 | 31.8 | 22.8 | 8.7 | 0 | 3 | 4 | 3 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| **15:00** | 5 | 35.7 | 22.5 | 12.7 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **16:00** | 8 | 43.6 | 32.5 | 10.7 | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 2 | 1 | 0 | 0 | 0 |
| **17:00** | 15 | 37.9 | 27.9 | 9.6 | 1 | 0 | 2 | 2 | 4 | 3 | 2 | 0 | 1 | 0 | 0 | 0 |
| **18:00** | 12 | 39.8 | 28.8 | 10.7 | 0 | 2 | 1 | 1 | 1 | 4 | 2 | 0 | 1 | 0 | 0 | 0 |
| **19:00** | 6 | 41.0 | 30.8 | 9.8 | 0 | 1 | 0 | 0 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 7 | 34.5 | 22.5 | 11.5 | 0 | 3 | 1 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 3 | 41.5 | 32.5 | 8.7 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **22:00** | 3 | 28.7 | 20.8 | 7.6 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 44 | 30.2 | 22.2 | 7.7 | 3 | 6 | 8 | 10 | 9 | 7 | 1 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 21 | 32.5 | 22.7 | 9.4 | 0 | 5 | 5 | 3 | 5 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 168 | 34.3 | 24.7 | 9.3 | 5 | 23 | 28 | 33 | 35 | 21 | 11 | 8 | 4 | 0 | 0 | 0 |
| **24H(0-24)** | 192 | 34.8 | 25.0 | 9.5 | 5 | 29 | 29 | 35 | 40 | 23 | 17 | 10 | 4 | 0 | 0 | 0 |
| **AM Peak** | 10:00 | 07:00 | 07:00 | 06:00 | 11:00 | 11:00 | 10:00 | 11:00 | 10:00 | 10:00 | 05:00 | 08:00 | 07:00 | 00:00 | 00:00 | 00:00 |
| | **22** | **50.0** | **39.2** | **21.2** | **2** | **5** | **5** | **7** | **6** | **6** | **1** | **2** | **1** | **0** | **0** | **0** |
| **PM Peak** | 12:00 | 16:00 | 16:00 | 15:00 | 12:00 | 12:00 | 12:00 | 13:00 | 12:00 | 18:00 | 13:00 | 16:00 | 16:00 | 12:00 | 12:00 | 12:00 |
| | **21** | **43.6** | **32.5** | **12.7** | **1** | **5** | **5** | **5** | **4** | **4** | **3** | **2** | **1** | **0** | **0** | **0** |

## Tween Bank ATC 8, Green Bank Road




**Direction: Northbound**

| Hour Beginning | Tue 06/06/2023 | Wed 07/06/2023 | Thu 08/06/2023 | Fri 09/06/2023 | Sat 10/06/2023 | Sun 11/06/2023 | Mon 12/06/2023 | 5-Day Ave. | 7-Day Ave. |
|---|---|---|---|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 2 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 |
| 07:00 | 4 | 8 | 4 | 6 | 5 | 1 | 4 | 5 | 5 |
| 08:00 | 5 | 3 | 5 | 0 | 1 | 2 | 1 | 3 | 2 |
| 09:00 | 6 | 6 | 2 | 6 | 3 | 4 | 2 | 4 | 4 |
| 10:00 | 5 | 1 | 5 | 3 | 3 | 6 | 2 | 3 | 4 |
| 11:00 | 1 | 4 | 0 | 1 | 0 | 0 | 3 | 2 | 1 |
| 12:00 | 3 | 4 | 1 | 4 | 5 | 2 | 0 | 2 | 3 |
| 13:00 | 9 | 2 | 3 | 1 | 2 | 2 | 3 | 4 | 3 |
| 14:00 | 2 | 1 | 6 | 3 | 4 | 0 | 2 | 3 | 3 |
| 15:00 | 4 | 5 | 6 | 3 | 2 | 2 | 0 | 4 | 3 |
| 16:00 | 2 | 3 | 1 | 2 | 2 | 2 | 4 | 2 | 2 |
| 17:00 | 3 | 3 | 2 | 5 | 1 | 1 | 3 | 3 | 3 |
| 18:00 | 1 | 1 | 4 | 5 | 2 | 1 | 4 | 3 | 3 |
| 19:00 | 0 | 2 | 0 | 3 | 0 | 2 | 0 | 1 | 1 |
| 20:00 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 1 |
| 21:00 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 45 | 41 | 39 | 39 | 30 | 23 | 28 | 38 | 35 |
| 16H(6-22) | 47 | 44 | 40 | 44 | 33 | 27 | 31 | 41 | 38 |
| 18H(6-24) | 47 | 44 | 40 | 44 | 34 | 28 | 31 | 41 | 38 |
| 24H(0-24) | 48 | 44 | 40 | 44 | 34 | 28 | 31 | 41 | 38 |
| AM Peak | 09:00 | 07:00 | 08:00 | 07:00 | 07:00 | 10:00 | 07:00 | 07:00 | 07:00 |
| | 6 | 8 | 5 | 6 | 5 | 6 | 4 | 5 | 5 |
| PM Peak | 13:00 | 15:00 | 14:00 | 17:00 | 12:00 | 12:00 | 16:00 | 13:00 | 13:00 |
| | 9 | 5 | 6 | 5 | 5 | 2 | 4 | 4 | 3 |

Paul Castle Associates

**Direction: Southbound**

| Hour Beginning | Tue 06/06/2023 | Wed 07/06/2023 | Thu 08/06/2023 | Fri 09/06/2023 | Sat 10/06/2023 | Sun 11/06/2023 | Mon 12/06/2023 | 5-Day Ave. | 7-Day Ave. |
|---|---|---|---|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 3 | 2 | 2 | 2 | 1 | 0 | 2 | 2 | 2 |
| 06:00 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 |
| 07:00 | 2 | 2 | 0 | 2 | 3 | 0 | 2 | 2 | 2 |
| 08:00 | 4 | 5 | 5 | 3 | 112 | 3 | 2 | 4 | 19 |
| 09:00 | 6 | 4 | 4 | 3 | 60 | 6 | 2 | 4 | 12 |
| 10:00 | 4 | 2 | 2 | 3 | 13 | 3 | 2 | 3 | 4 |
| 11:00 | 2 | 3 | 3 | 3 | 3 | 4 | 1 | 2 | 3 |
| 12:00 | 6 | 2 | 2 | 3 | 1 | 4 | 1 | 3 | 3 |
| 13:00 | 4 | 5 | 3 | 4 | 4 | 3 | 4 | 4 | 4 |
| 14:00 | 4 | 4 | 6 | 9 | 4 | 2 | 3 | 5 | 5 |
| 15:00 | 6 | 2 | 6 | 4 | 1 | 3 | 4 | 4 | 4 |
| 16:00 | 8 | 5 | 2 | 3 | 2 | 4 | 4 | 4 | 4 |
| 17:00 | 4 | 4 | 5 | 5 | 3 | 7 | 6 | 5 | 5 |
| 18:00 | 1 | 2 | 5 | 1 | 2 | 3 | 3 | 2 | 2 |
| 19:00 | 2 | 2 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 20:00 | 0 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 1 |
| 21:00 | 1 | 0 | 0 | 1 | 2 | 0 | 1 | 1 | 1 |
| 22:00 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 |
| 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 51 | 40 | 43 | 43 | 208 | 42 | 34 | 42 | 66 |
| 16H(6-22) | 55 | 44 | 46 | 46 | 213 | 45 | 37 | 46 | 69 |
| 18H(6-24) | 56 | 45 | 46 | 47 | 213 | 45 | 38 | 46 | 70 |
| 24H(0-24) | 59 | 47 | 48 | 49 | 214 | 45 | 40 | 49 | 72 |
| AM Peak | 09:00 | 08:00 | 08:00 | 08:00 | 08:00 | 09:00 | 05:00 | 08:00 | 08:00 |
| | 6 | 5 | 5 | 3 | 112 | 6 | 2 | 4 | 19 |
| PM Peak | 16:00 | 13:00 | 14:00 | 14:00 | 13:00 | 17:00 | 17:00 | 14:00 | 17:00 |
| | 8 | 5 | 6 | 9 | 4 | 7 | 6 | 5 | 5 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Tue 06/06/2023 | Wed 07/06/2023 | Thu 08/06/2023 | Fri 09/06/2023 | Sat 10/06/2023 | Sun 11/06/2023 | Mon 12/06/2023 | 5-Day Ave. | 7-Day Ave. |
|---|---|---|---|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 4 | 2 | 2 | 2 | 1 | 0 | 2 | 2 | 2 |
| 06:00 | 3 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 |
| 07:00 | 6 | 10 | 4 | 8 | 8 | 1 | 6 | 7 | 6 |
| 08:00 | 9 | 8 | 10 | 3 | 113 | 5 | 3 | 7 | 22 |
| 09:00 | 12 | 10 | 6 | 9 | 63 | 10 | 4 | 8 | 16 |
| 10:00 | 9 | 3 | 7 | 6 | 16 | 9 | 4 | 6 | 8 |
| 11:00 | 3 | 7 | 3 | 4 | 3 | 4 | 4 | 4 | 4 |
| 12:00 | 9 | 6 | 3 | 7 | 6 | 6 | 1 | 5 | 5 |
| 13:00 | 13 | 7 | 6 | 5 | 6 | 5 | 7 | 8 | 7 |
| 14:00 | 6 | 5 | 12 | 12 | 8 | 2 | 5 | 8 | 7 |
| 15:00 | 10 | 7 | 12 | 7 | 3 | 5 | 4 | 8 | 7 |
| 16:00 | 10 | 8 | 3 | 5 | 4 | 6 | 8 | 7 | 6 |
| 17:00 | 7 | 7 | 7 | 10 | 4 | 8 | 9 | 8 | 7 |
| 18:00 | 2 | 3 | 9 | 6 | 4 | 4 | 7 | 5 | 5 |
| 19:00 | 2 | 4 | 1 | 3 | 1 | 2 | 0 | 2 | 2 |
| 20:00 | 0 | 2 | 1 | 2 | 3 | 4 | 3 | 2 | 2 |
| 21:00 | 1 | 0 | 0 | 2 | 3 | 0 | 2 | 1 | 1 |
| 22:00 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 96 | 81 | 82 | 82 | 238 | 65 | 62 | 81 | 101 |
| 16H(6-22) | 102 | 88 | 86 | 90 | 246 | 72 | 68 | 87 | 107 |
| 18H(6-24) | 103 | 89 | 86 | 91 | 247 | 73 | 69 | 88 | 108 |
| 24H(0-24) | 107 | 91 | 88 | 93 | 248 | 73 | 71 | 90 | 110 |
| AM Peak | 09:00 | 07:00 | 08:00 | 09:00 | 08:00 | 09:00 | 07:00 | 09:00 | 08:00 |
| | 12 | 10 | 10 | 9 | 113 | 10 | 6 | 8 | 22 |
| PM Peak | 13:00 | 16:00 | 14:00 | 14:00 | 14:00 | 17:00 | 17:00 | 14:00 | 17:00 |
| | 13 | 8 | 12 | 12 | 8 | 8 | 9 | 8 | 7 |

Paul Castle Associates

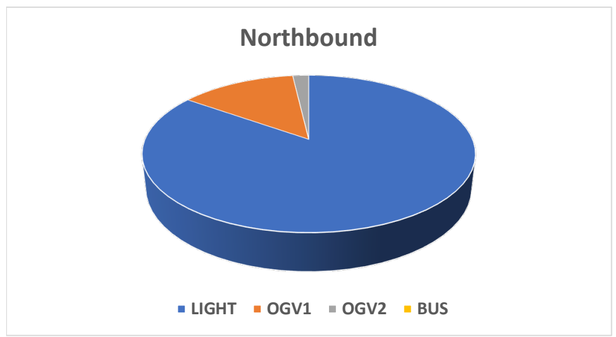
## Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 48 | 40 | 7 | 1 | 0 |
| Wed 7 Jun 2023 | 44 | 35 | 8 | 1 | 0 |
| Thu 8 Jun 2023 | 40 | 35 | 5 | 0 | 0 |
| Fri 9 Jun 2023 | 44 | 35 | 8 | 1 | 0 |
| Sat 10 Jun 2023 | 34 | 31 | 3 | 0 | 0 |
| Sun 11 Jun 2023 | 28 | 25 | 2 | 1 | 0 |
| Mon 12 Jun 2023 | 31 | 27 | 3 | 1 | 0 |
| 5 Day Ave. | 41 | 34 | 6 | 1 | 0 |
| 7 Day Ave. | 38 | 33 | 5 | 1 | 0 |

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 100.0% | 83.3% | 14.6% | 2.1% | 0.0% |
| Wed 7 Jun 2023 | 100.0% | 79.5% | 18.2% | 2.3% | 0.0% |
| Thu 8 Jun 2023 | 100.0% | 87.5% | 12.5% | 0.0% | 0.0% |
| Fri 9 Jun 2023 | 100.0% | 79.5% | 18.2% | 2.3% | 0.0% |
| Sat 10 Jun 2023 | 100.0% | 91.2% | 8.8% | 0.0% | 0.0% |
| Sun 11 Jun 2023 | 100.0% | 89.3% | 7.1% | 3.6% | 0.0% |
| Mon 12 Jun 2023 | 100.0% | 87.1% | 9.7% | 3.2% | 0.0% |
| 5 Day Ave. | 100.0% | 83.1% | 15.0% | 1.9% | 0.0% |
| 7 Day Ave. | 100.0% | 84.8% | 13.4% | 1.9% | 0.0% |

Paul Castle Associates

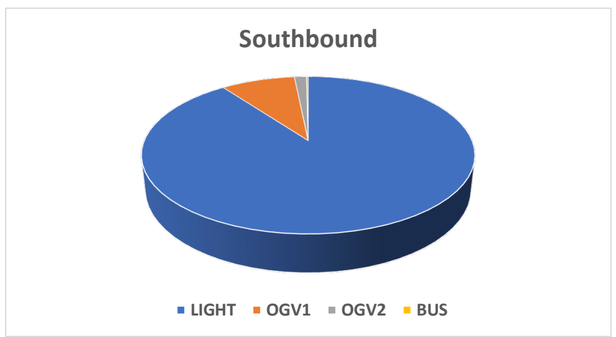



**Direction: Southbound**

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 59 | 47 | 9 | 2 | 1 |
| Wed 7 Jun 2023 | 47 | 38 | 9 | 0 | 0 |
| Thu 8 Jun 2023 | 48 | 44 | 4 | 0 | 0 |
| Fri 9 Jun 2023 | 49 | 39 | 10 | 0 | 0 |
| Sat 10 Jun 2023 | 214 | 205 | 4 | 5 | 0 |
| Sun 11 Jun 2023 | 45 | 44 | 1 | 0 | 0 |
| Mon 12 Jun 2023 | 40 | 34 | 6 | 0 | 0 |
| 5 Day Ave. | 49 | 40 | 8 | 0 | 0 |
| 7 Day Ave. | 72 | 64 | 6 | 1 | 0 |

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 100.0% | 79.7% | 15.3% | 3.4% | 1.7% |
| Wed 7 Jun 2023 | 100.0% | 80.9% | 19.1% | 0.0% | 0.0% |
| Thu 8 Jun 2023 | 100.0% | 91.7% | 8.3% | 0.0% | 0.0% |
| Fri 9 Jun 2023 | 100.0% | 79.6% | 20.4% | 0.0% | 0.0% |
| Sat 10 Jun 2023 | 100.0% | 95.8% | 1.9% | 2.3% | 0.0% |
| Sun 11 Jun 2023 | 100.0% | 97.8% | 2.2% | 0.0% | 0.0% |
| Mon 12 Jun 2023 | 100.0% | 85.0% | 15.0% | 0.0% | 0.0% |
| 5 Day Ave. | 100.0% | 83.1% | 15.6% | 0.8% | 0.4% |
| 7 Day Ave. | 100.0% | 89.8% | 8.6% | 1.4% | 0.2% |

Paul Castle Associates

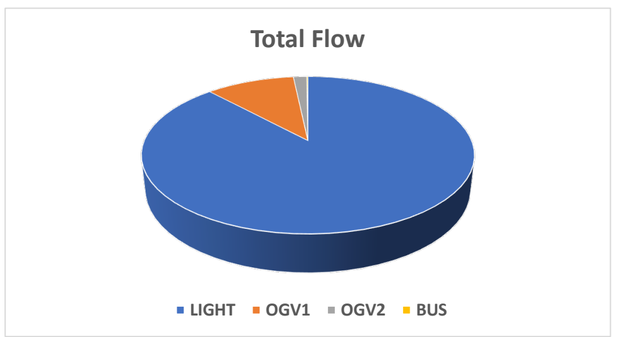



**Direction: Total Flow**

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 107 | 87 | 16 | 3 | 1 |
| Wed 7 Jun 2023 | 91 | 73 | 17 | 1 | 0 |
| Thu 8 Jun 2023 | 88 | 79 | 9 | 0 | 0 |
| Fri 9 Jun 2023 | 93 | 74 | 18 | 1 | 0 |
| Sat 10 Jun 2023 | 248 | 236 | 7 | 5 | 0 |
| Sun 11 Jun 2023 | 73 | 69 | 3 | 1 | 0 |
| Mon 12 Jun 2023 | 71 | 61 | 9 | 1 | 0 |
| 5 Day Ave. | 90 | 75 | 14 | 1 | 0 |
| 7 Day Ave. | 110 | 97 | 11 | 2 | 0 |

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 100.0% | 81.3% | 15.0% | 2.8% | 0.9% |
| Wed 7 Jun 2023 | 100.0% | 80.2% | 18.7% | 1.1% | 0.0% |
| Thu 8 Jun 2023 | 100.0% | 89.8% | 10.2% | 0.0% | 0.0% |
| Fri 9 Jun 2023 | 100.0% | 79.6% | 19.4% | 1.1% | 0.0% |
| Sat 10 Jun 2023 | 100.0% | 95.2% | 2.8% | 2.0% | 0.0% |
| Sun 11 Jun 2023 | 100.0% | 94.5% | 4.1% | 1.4% | 0.0% |
| Mon 12 Jun 2023 | 100.0% | 85.9% | 12.7% | 1.4% | 0.0% |
| 5 Day Ave. | 100.0% | 83.1% | 15.3% | 1.3% | 0.2% |
| 7 Day Ave. | 100.0% | 88.1% | 10.2% | 1.6% | 0.1% |

Paul Castle Associates

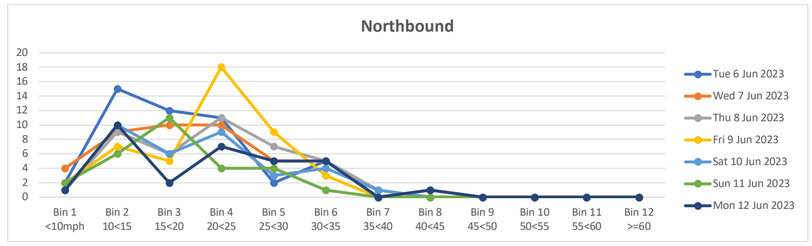


## Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 48 | 27.0 | 19.2 | 7.5 | 2 | 15 | 12 | 11 | 2 | 5 | 0 | 1 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 44 | 28.1 | 20.0 | 7.7 | 4 | 9 | 10 | 10 | 5 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 40 | 29.3 | 21.6 | 7.4 | 1 | 9 | 6 | 11 | 7 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 44 | 27.9 | 21.4 | 6.3 | 2 | 7 | 5 | 18 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 34 | 28.2 | 20.3 | 7.6 | 1 | 10 | 6 | 9 | 3 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 28 | 24.8 | 18.4 | 6.2 | 2 | 6 | 11 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 31 | 30.5 | 21.5 | 8.7 | 1 | 10 | 2 | 7 | 5 | 5 | 0 | 1 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 41 | 28.6 | 20.8 | 7.5 | 2 | 10 | 7 | 11 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 38 | 28.0 | 20.4 | 7.3 | 2 | 9 | 7 | 10 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |

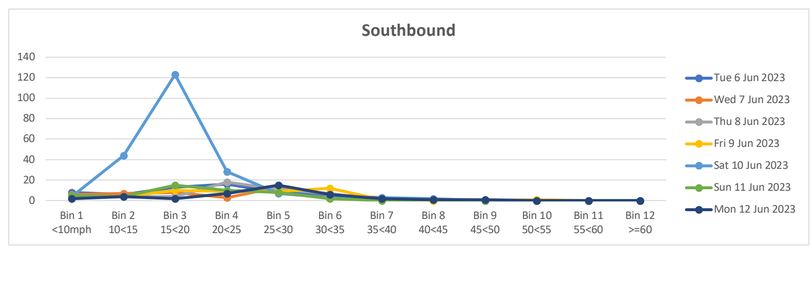
Paul Castle Associates




**Direction: Southbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 59 | 29.1 | 20.7 | 8.1 | 8 | 6 | 13 | 16 | 8 | 6 | 1 | 1 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 47 | 32.2 | 22.4 | 9.5 | 6 | 7 | 8 | 3 | 13 | 6 | 3 | 1 | 0 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 48 | 30.5 | 23.3 | 7.0 | 3 | 4 | 4 | 18 | 11 | 7 | 1 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 49 | 33.2 | 24.1 | 8.8 | 3 | 4 | 10 | 9 | 9 | 12 | 1 | 0 | 0 | 1 | 0 | 0 |
| Sat 10 Jun 2023 | 214 | 23.5 | 18.0 | 5.3 | 4 | 44 | 123 | 28 | 7 | 3 | 3 | 2 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 45 | 27.7 | 20.1 | 7.3 | 5 | 4 | 15 | 10 | 8 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 40 | 34.7 | 25.8 | 8.6 | 2 | 4 | 2 | 7 | 15 | 6 | 2 | 1 | 1 | 0 | 0 | 0 |
| 5 Day Ave. | 49 | 31.9 | 23.2 | 8.4 | 4 | 5 | 7 | 11 | 11 | 7 | 2 | 1 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 72 | 30.1 | 22.0 | 7.8 | 4 | 10 | 25 | 13 | 10 | 6 | 2 | 1 | 0 | 0 | 0 | 0 |

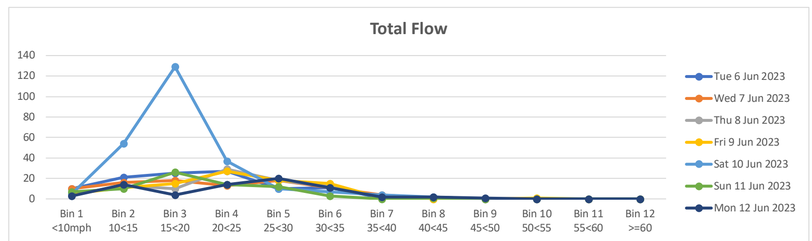
Paul Castle Associates




**Direction: Total Flow**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 107 | 28.2 | 20.0 | 7.9 | 10 | 21 | 25 | 27 | 10 | 11 | 1 | 2 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 91 | 30.3 | 21.2 | 8.7 | 10 | 16 | 18 | 13 | 18 | 11 | 4 | 1 | 0 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 88 | 30.0 | 22.5 | 7.2 | 4 | 13 | 10 | 29 | 18 | 12 | 2 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 93 | 30.9 | 22.8 | 7.8 | 5 | 11 | 15 | 27 | 18 | 15 | 1 | 0 | 0 | 1 | 0 | 0 |
| Sat 10 Jun 2023 | 248 | 24.2 | 18.3 | 5.7 | 5 | 54 | 129 | 37 | 10 | 7 | 4 | 2 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 73 | 26.6 | 19.5 | 6.9 | 7 | 10 | 26 | 14 | 12 | 3 | 0 | 1 | 0 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 71 | 33.1 | 23.9 | 8.8 | 3 | 14 | 4 | 14 | 20 | 11 | 2 | 2 | 1 | 0 | 0 | 0 |
| 5 Day Ave. | 90 | 30.5 | 22.1 | 8.1 | 6 | 15 | 14 | 22 | 17 | 12 | 2 | 1 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 110 | 29.0 | 21.2 | 7.6 | 6 | 20 | 32 | 23 | 15 | 10 | 2 | 1 | 0 | 0 | 0 | 0 |

Paul Castle Associates



# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 6 | 18.4 | 14.2 | 4.1 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 5 | 22.7 | 17.5 | 5.0 | 0 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 5 | 22.7 | 17.5 | 5.0 | 0 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 4 | 23.5 | 17.5 | 5.8 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 3 | 23.8 | 20.8 | 2.9 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 6 | 24.9 | 16.8 | 7.8 | 2 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 5 | 28.3 | 21.5 | 6.5 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 5 | 23.1 | 17.6 | 5.3 | 0 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 5 | 23.5 | 18.0 | 5.3 | 0 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Paul Castle Associates**

**Direction: Southbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 6 | 27.1 | 20.8 | 6.1 | 0 | 0 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 5 | 27.7 | 18.6 | 8.8 | 1 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 5 | 28.3 | 25.5 | 2.7 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 6 | 32.6 | 24.2 | 8.2 | 0 | 1 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 16 | 28.7 | 20.0 | 8.3 | 1 | 3 | 6 | 3 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 7 | 18.8 | 14.1 | 4.5 | 2 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 3 | 27.7 | 22.5 | 5.0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 5 | 28.7 | 22.3 | 6.2 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 7 | 27.3 | 20.8 | 6.2 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Paul Castle Associates**

**Direction: Total Flow**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 12 | 23.7 | 17.5 | 6.0 | 0 | 5 | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 10 | 25.1 | 18.1 | 6.8 | 1 | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 10 | 27.4 | 21.5 | 5.7 | 0 | 2 | 1 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 10 | 29.5 | 21.5 | 7.7 | 0 | 3 | 1 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 19 | 28.1 | 20.2 | 7.7 | 1 | 3 | 7 | 5 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 13 | 21.7 | 15.3 | 6.1 | 4 | 1 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 8 | 27.7 | 21.9 | 5.6 | 0 | 1 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 10 | 26.7 | 20.1 | 6.4 | 0 | 3 | 2 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 12 | 26.2 | 19.4 | 6.5 | 1 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Paul Castle Associates**

# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 6 | 37.0 | 25.8 | 10.8 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 6 | 27.9 | 20.8 | 6.8 | 0 | 1 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 12 | 31.6 | 23.3 | 7.9 | 0 | 3 | 1 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 6 | 29.8 | 20.9 | 8.6 | 1 | 1 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sat 10 Jun 2023 | 6 | 31.2 | 22.5 | 8.4 | 0 | 1 | 2 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 2 | 17.5 | 17.5 | 0.0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 2 | 34.8 | 27.5 | 7.1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 Day Ave. | 6 | 32.2 | 23.7 | 8.2 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 6 | 30.0 | 22.6 | 7.1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

Paul Castle Associates

**Direction: Southbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 10 | 27.3 | 21.6 | 5.5 | 1 | 0 | 1 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 6 | 33.2 | 27.5 | 5.5 | 0 | 0 | 1 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 12 | 30.7 | 22.6 | 7.8 | 2 | 0 | 0 | 6 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 13 | 36.9 | 25.6 | 10.9 | 0 | 1 | 5 | 1 | 1 | 4 | 0 | 0 | 0 | 1 | 0 | 0 |
| Sat 10 Jun 2023 | 5 | 40.7 | 27.5 | 12.7 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 5 | 28.8 | 19.6 | 8.9 | 1 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 7 | 40.4 | 32.5 | 7.6 | 0 | 0 | 0 | 0 | 4 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| 5 Day Ave. | 10 | 33.7 | 25.9 | 7.5 | 1 | 0 | 1 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 8 | 34.0 | 25.3 | 8.4 | 1 | 0 | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 16 | 31.3 | 23.2 | 7.9 | 1 | 1 | 2 | 7 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Wed 7 Jun 2023 | 12 | 31.3 | 24.2 | 6.9 | 0 | 1 | 3 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thu 8 Jun 2023 | 24 | 30.9 | 23.0 | 7.7 | 2 | 3 | 1 | 8 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fri 9 Jun 2023 | 19 | 34.7 | 24.1 | 10.2 | 1 | 2 | 5 | 2 | 4 | 4 | 0 | 0 | 0 | 1 | 0 | 0 |
| Sat 10 Jun 2023 | 11 | 35.5 | 24.8 | 10.3 | 0 | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| Sun 11 Jun 2023 | 7 | 26.6 | 19.0 | 7.4 | 1 | 1 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mon 12 Jun 2023 | 9 | 39.1 | 31.4 | 7.4 | 0 | 0 | 0 | 1 | 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| 5 Day Ave. | 16 | 33.5 | 25.2 | 8.0 | 1 | 1 | 2 | 4 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 Day Ave. | 14 | 32.8 | 24.2 | 8.3 | 1 | 1 | 2 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |

Paul Castle Associates

# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

06/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 0 | 0 | 0 |
| 06:00 | 2 | 2 | 0 | 0 | 0 |
| 07:00 | 4 | 3 | 1 | 0 | 0 |
| 08:00 | 5 | 5 | 0 | 0 | 0 |
| 09:00 | 6 | 3 | 2 | 1 | 0 |
| 10:00 | 5 | 4 | 1 | 0 | 0 |
| 11:00 | 1 | 1 | 0 | 0 | 0 |
| 12:00 | 3 | 2 | 1 | 0 | 0 |
| 13:00 | 9 | 8 | 1 | 0 | 0 |
| 14:00 | 2 | 2 | 0 | 0 | 0 |
| 15:00 | 4 | 3 | 1 | 0 | 0 |
| 16:00 | 2 | 2 | 0 | 0 | 0 |
| 17:00 | 3 | 3 | 0 | 0 | 0 |
| 18:00 | 1 | 1 | 0 | 0 | 0 |
| 19:00 | 0 | 0 | 0 | 0 | 0 |
| 20:00 | 0 | 0 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 45 | 37 | 7 | 1 | 0 |
| 16H(6-22) | 47 | 39 | 7 | 1 | 0 |
| 18H(6-24) | 47 | 39 | 7 | 1 | 0 |
| 24H(0-24) | 48 | 40 | 7 | 1 | 0 |
| AM Peak | 09:00 | 08:00 | 09:00 | 09:00 | 00:00 |
| | 6 | 5 | 2 | 1 | 0 |
| PM Peak | 13:00 | 13:00 | 12:00 | 12:00 | 12:00 |
| | 9 | 8 | 1 | 0 | 0 |

Paul Castle Associates

**Direction: Southbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 3 | 3 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 2 | 2 | 0 | 0 | 0 |
| 08:00 | 4 | 2 | 2 | 0 | 0 |
| 09:00 | 6 | 4 | 1 | 1 | 0 |
| 10:00 | 4 | 1 | 2 | 0 | 1 |
| 11:00 | 2 | 0 | 1 | 1 | 0 |
| 12:00 | 6 | 5 | 1 | 0 | 0 |
| 13:00 | 4 | 4 | 0 | 0 | 0 |
| 14:00 | 4 | 4 | 0 | 0 | 0 |
| 15:00 | 6 | 5 | 1 | 0 | 0 |
| 16:00 | 8 | 8 | 0 | 0 | 0 |
| 17:00 | 4 | 4 | 0 | 0 | 0 |
| 18:00 | 1 | 1 | 0 | 0 | 0 |
| 19:00 | 2 | 1 | 1 | 0 | 0 |
| 20:00 | 0 | 0 | 0 | 0 | 0 |
| 21:00 | 1 | 1 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 51 | 40 | 8 | 2 | 1 |
| 16H(6-22) | 55 | 43 | 9 | 2 | 1 |
| 18H(6-24) | 56 | 44 | 9 | 2 | 1 |
| 24H(0-24) | 59 | 47 | 9 | 2 | 1 |
| AM Peak | 09:00 | 09:00 | 08:00 | 09:00 | 10:00 |
| | 6 | 4 | 2 | 1 | 1 |
| PM Peak | 16:00 | 16:00 | 12:00 | 12:00 | 12:00 |
| | 8 | 8 | 1 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 4 | 4 | 0 | 0 | 0 |
| 06:00 | 3 | 3 | 0 | 0 | 0 |
| 07:00 | 6 | 5 | 1 | 0 | 0 |
| 08:00 | 9 | 7 | 2 | 0 | 0 |
| 09:00 | 12 | 7 | 3 | 2 | 0 |
| 10:00 | 9 | 5 | 3 | 0 | 1 |
| 11:00 | 3 | 1 | 1 | 1 | 0 |
| 12:00 | 9 | 7 | 2 | 0 | 0 |
| 13:00 | 13 | 12 | 1 | 0 | 0 |
| 14:00 | 6 | 6 | 0 | 0 | 0 |
| 15:00 | 10 | 8 | 2 | 0 | 0 |
| 16:00 | 10 | 10 | 0 | 0 | 0 |
| 17:00 | 7 | 7 | 0 | 0 | 0 |
| 18:00 | 2 | 2 | 0 | 0 | 0 |
| 19:00 | 2 | 1 | 1 | 0 | 0 |
| 20:00 | 0 | 0 | 0 | 0 | 0 |
| 21:00 | 1 | 1 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 96 | 77 | 15 | 3 | 1 |
| 16H(6-22) | 102 | 82 | 16 | 3 | 1 |
| 18H(6-24) | 103 | 83 | 16 | 3 | 1 |
| 24H(0-24) | 107 | 87 | 16 | 3 | 1 |
| AM Peak | 09:00 | 08:00 | 09:00 | 09:00 | 10:00 |
| | 12 | 7 | 3 | 2 | 1 |
| PM Peak | 13:00 | 13:00 | 12:00 | 12:00 | 12:00 |
| | 13 | 12 | 2 | 0 | 0 |

Paul Castle Associates

# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

07/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 8 | 8 | 0 | 0 | 0 |
| 08:00 | 3 | 1 | 2 | 0 | 0 |
| 09:00 | 6 | 5 | 1 | 0 | 0 |
| 10:00 | 1 | 0 | 1 | 0 | 0 |
| 11:00 | 4 | 2 | 2 | 0 | 0 |
| 12:00 | 4 | 3 | 1 | 0 | 0 |
| 13:00 | 2 | 2 | 0 | 0 | 0 |
| 14:00 | 1 | 1 | 0 | 0 | 0 |
| 15:00 | 5 | 4 | 0 | 1 | 0 |
| 16:00 | 3 | 2 | 1 | 0 | 0 |
| 17:00 | 3 | 3 | 0 | 0 | 0 |
| 18:00 | 1 | 1 | 0 | 0 | 0 |
| 19:00 | 2 | 2 | 0 | 0 | 0 |
| 20:00 | 0 | 0 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 41 | 32 | 8 | 1 | 0 |
| 16H(6-22) | 44 | 35 | 8 | 1 | 0 |
| 18H(6-24) | 44 | 35 | 8 | 1 | 0 |
| 24H(0-24) | 44 | 35 | 8 | 1 | 0 |
| AM Peak | 07:00 | 07:00 | 08:00 | 00:00 | 00:00 |
| | 8 | 8 | 2 | 0 | 0 |
| PM Peak | 15:00 | 15:00 | 12:00 | 15:00 | 12:00 |
| | 5 | 4 | 1 | 1 | 0 |

Paul Castle Associates

**Direction: Southbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 2 | 2 | 0 | 0 | 0 |
| 06:00 | 0 | 0 | 0 | 0 | 0 |
| 07:00 | 2 | 2 | 0 | 0 | 0 |
| 08:00 | 5 | 4 | 1 | 0 | 0 |
| 09:00 | 4 | 4 | 0 | 0 | 0 |
| 10:00 | 2 | 2 | 0 | 0 | 0 |
| 11:00 | 3 | 1 | 2 | 0 | 0 |
| 12:00 | 2 | 1 | 1 | 0 | 0 |
| 13:00 | 5 | 2 | 3 | 0 | 0 |
| 14:00 | 4 | 3 | 1 | 0 | 0 |
| 15:00 | 2 | 2 | 0 | 0 | 0 |
| 16:00 | 5 | 5 | 0 | 0 | 0 |
| 17:00 | 4 | 3 | 1 | 0 | 0 |
| 18:00 | 2 | 2 | 0 | 0 | 0 |
| 19:00 | 2 | 2 | 0 | 0 | 0 |
| 20:00 | 2 | 2 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 40 | 31 | 9 | 0 | 0 |
| 16H(6-22) | 44 | 35 | 9 | 0 | 0 |
| 18H(6-24) | 45 | 36 | 9 | 0 | 0 |
| 24H(0-24) | 47 | 38 | 9 | 0 | 0 |
| AM Peak | 08:00 | 08:00 | 11:00 | 00:00 | 00:00 |
| | 5 | 4 | 2 | 0 | 0 |
| PM Peak | 13:00 | 16:00 | 13:00 | 12:00 | 12:00 |
| | 5 | 5 | 3 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 2 | 2 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 10 | 10 | 0 | 0 | 0 |
| 08:00 | 8 | 5 | 3 | 0 | 0 |
| 09:00 | 10 | 9 | 1 | 0 | 0 |
| 10:00 | 3 | 2 | 1 | 0 | 0 |
| 11:00 | 7 | 3 | 4 | 0 | 0 |
| 12:00 | 6 | 4 | 2 | 0 | 0 |
| 13:00 | 7 | 4 | 3 | 0 | 0 |
| 14:00 | 5 | 4 | 1 | 0 | 0 |
| 15:00 | 7 | 6 | 0 | 1 | 0 |
| 16:00 | 8 | 7 | 1 | 0 | 0 |
| 17:00 | 7 | 6 | 1 | 0 | 0 |
| 18:00 | 3 | 3 | 0 | 0 | 0 |
| 19:00 | 4 | 4 | 0 | 0 | 0 |
| 20:00 | 2 | 2 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 81 | 63 | 17 | 1 | 0 |
| 16H(6-22) | 88 | 70 | 17 | 1 | 0 |
| 18H(6-24) | 89 | 71 | 17 | 1 | 0 |
| 24H(0-24) | 91 | 73 | 17 | 1 | 0 |
| AM Peak | 07:00 | 07:00 | 11:00 | 00:00 | 00:00 |
| | 10 | 10 | 4 | 0 | 0 |
| PM Peak | 16:00 | 16:00 | 13:00 | 15:00 | 12:00 |
| | 8 | 7 | 3 | 1 | 0 |

Paul Castle Associates

# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

08/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 4 | 4 | 0 | 0 | 0 |
| 08:00 | 5 | 5 | 0 | 0 | 0 |
| 09:00 | 2 | 0 | 2 | 0 | 0 |
| 10:00 | 5 | 5 | 0 | 0 | 0 |
| 11:00 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 1 | 1 | 0 | 0 | 0 |
| 13:00 | 3 | 2 | 1 | 0 | 0 |
| 14:00 | 6 | 5 | 1 | 0 | 0 |
| 15:00 | 6 | 6 | 0 | 0 | 0 |
| 16:00 | 1 | 1 | 0 | 0 | 0 |
| 17:00 | 2 | 1 | 1 | 0 | 0 |
| 18:00 | 4 | 4 | 0 | 0 | 0 |
| 19:00 | 0 | 0 | 0 | 0 | 0 |
| 20:00 | 0 | 0 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 39 | 34 | 5 | 0 | 0 |
| 16H(6-22) | 40 | 35 | 5 | 0 | 0 |
| 18H(6-24) | 40 | 35 | 5 | 0 | 0 |
| 24H(0-24) | 40 | 35 | 5 | 0 | 0 |
| AM Peak | 08:00 | 08:00 | 09:00 | 00:00 | 00:00 |
| | 5 | 5 | 2 | 0 | 0 |
| PM Peak | 14:00 | 15:00 | 13:00 | 12:00 | 12:00 |
| | 6 | 6 | 1 | 0 | 0 |

Paul Castle Associates

**Direction: Southbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 2 | 2 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 0 | 0 | 0 | 0 | 0 |
| 08:00 | 5 | 5 | 0 | 0 | 0 |
| 09:00 | 4 | 4 | 0 | 0 | 0 |
| 10:00 | 2 | 2 | 0 | 0 | 0 |
| 11:00 | 3 | 2 | 1 | 0 | 0 |
| 12:00 | 2 | 2 | 0 | 0 | 0 |
| 13:00 | 3 | 3 | 0 | 0 | 0 |
| 14:00 | 6 | 6 | 0 | 0 | 0 |
| 15:00 | 6 | 4 | 2 | 0 | 0 |
| 16:00 | 2 | 1 | 1 | 0 | 0 |
| 17:00 | 5 | 5 | 0 | 0 | 0 |
| 18:00 | 5 | 5 | 0 | 0 | 0 |
| 19:00 | 1 | 1 | 0 | 0 | 0 |
| 20:00 | 1 | 1 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 43 | 39 | 4 | 0 | 0 |
| 16H(6-22) | 46 | 42 | 4 | 0 | 0 |
| 18H(6-24) | 46 | 42 | 4 | 0 | 0 |
| 24H(0-24) | 48 | 44 | 4 | 0 | 0 |
| AM Peak | 08:00 | 08:00 | 11:00 | 00:00 | 00:00 |
| | 5 | 5 | 1 | 0 | 0 |
| PM Peak | 14:00 | 14:00 | 15:00 | 12:00 | 12:00 |
| | 6 | 6 | 2 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 2 | 2 | 0 | 0 | 0 |
| 06:00 | 2 | 2 | 0 | 0 | 0 |
| 07:00 | 4 | 4 | 0 | 0 | 0 |
| 08:00 | 10 | 10 | 0 | 0 | 0 |
| 09:00 | 6 | 4 | 2 | 0 | 0 |
| 10:00 | 7 | 7 | 0 | 0 | 0 |
| 11:00 | 3 | 2 | 1 | 0 | 0 |
| 12:00 | 3 | 3 | 0 | 0 | 0 |
| 13:00 | 6 | 5 | 1 | 0 | 0 |
| 14:00 | 12 | 11 | 1 | 0 | 0 |
| 15:00 | 12 | 10 | 2 | 0 | 0 |
| 16:00 | 3 | 2 | 1 | 0 | 0 |
| 17:00 | 7 | 6 | 1 | 0 | 0 |
| 18:00 | 9 | 9 | 0 | 0 | 0 |
| 19:00 | 1 | 1 | 0 | 0 | 0 |
| 20:00 | 1 | 1 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 82 | 73 | 9 | 0 | 0 |
| 16H(6-22) | 86 | 77 | 9 | 0 | 0 |
| 18H(6-24) | 86 | 77 | 9 | 0 | 0 |
| 24H(0-24) | 88 | 79 | 9 | 0 | 0 |
| AM Peak | 08:00 | 08:00 | 09:00 | 00:00 | 00:00 |
| | 10 | 10 | 2 | 0 | 0 |
| PM Peak | 14:00 | 14:00 | 15:00 | 12:00 | 12:00 |
| | 12 | 11 | 2 | 0 | 0 |

Paul Castle Associates

# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

09/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 0 | 0 | 0 | 0 | 0 |
| 07:00 | 6 | 5 | 1 | 0 | 0 |
| 08:00 | 0 | 0 | 0 | 0 | 0 |
| 09:00 | 6 | 5 | 1 | 0 | 0 |
| 10:00 | 3 | 2 | 1 | 0 | 0 |
| 11:00 | 1 | 0 | 1 | 0 | 0 |
| 12:00 | 4 | 3 | 1 | 0 | 0 |
| 13:00 | 1 | 1 | 0 | 0 | 0 |
| 14:00 | 3 | 2 | 1 | 0 | 0 |
| 15:00 | 3 | 1 | 1 | 1 | 0 |
| 16:00 | 2 | 2 | 0 | 0 | 0 |
| 17:00 | 5 | 4 | 1 | 0 | 0 |
| 18:00 | 5 | 5 | 0 | 0 | 0 |
| 19:00 | 3 | 3 | 0 | 0 | 0 |
| 20:00 | 1 | 1 | 0 | 0 | 0 |
| 21:00 | 1 | 1 | 0 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 39 | 30 | 8 | 1 | 0 |
| 16H(6-22) | 44 | 35 | 8 | 1 | 0 |
| 18H(6-24) | 44 | 35 | 8 | 1 | 0 |
| 24H(0-24) | 44 | 35 | 8 | 1 | 0 |
| AM Peak | 07:00 | 07:00 | 07:00 | 00:00 | 00:00 |
| | 6 | 5 | 1 | 0 | 0 |
| PM Peak | 17:00 | 18:00 | 12:00 | 15:00 | 12:00 |
| | 5 | 5 | 1 | 1 | 0 |

Paul Castle Associates

**Direction: Southbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 2 | 2 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 2 | 2 | 0 | 0 | 0 |
| 08:00 | 3 | 3 | 0 | 0 | 0 |
| 09:00 | 3 | 2 | 1 | 0 | 0 |
| 10:00 | 3 | 1 | 2 | 0 | 0 |
| 11:00 | 3 | 1 | 2 | 0 | 0 |
| 12:00 | 3 | 2 | 1 | 0 | 0 |
| 13:00 | 4 | 3 | 1 | 0 | 0 |
| 14:00 | 9 | 7 | 2 | 0 | 0 |
| 15:00 | 4 | 4 | 0 | 0 | 0 |
| 16:00 | 3 | 3 | 0 | 0 | 0 |
| 17:00 | 5 | 4 | 1 | 0 | 0 |
| 18:00 | 1 | 1 | 0 | 0 | 0 |
| 19:00 | 0 | 0 | 0 | 0 | 0 |
| 20:00 | 1 | 1 | 0 | 0 | 0 |
| 21:00 | 1 | 1 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 43 | 33 | 10 | 0 | 0 |
| 16H(6-22) | 46 | 36 | 10 | 0 | 0 |
| 18H(6-24) | 47 | 37 | 10 | 0 | 0 |
| 24H(0-24) | 49 | 39 | 10 | 0 | 0 |
| AM Peak | 08:00 | 08:00 | 10:00 | 00:00 | 00:00 |
| | 3 | 3 | 2 | 0 | 0 |
| PM Peak | 14:00 | 14:00 | 14:00 | 12:00 | 12:00 |
| | 9 | 7 | 2 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 2 | 2 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 8 | 7 | 1 | 0 | 0 |
| 08:00 | 3 | 3 | 0 | 0 | 0 |
| 09:00 | 9 | 7 | 2 | 0 | 0 |
| 10:00 | 6 | 3 | 3 | 0 | 0 |
| 11:00 | 4 | 1 | 3 | 0 | 0 |
| 12:00 | 7 | 5 | 2 | 0 | 0 |
| 13:00 | 5 | 4 | 1 | 0 | 0 |
| 14:00 | 12 | 9 | 3 | 0 | 0 |
| 15:00 | 7 | 5 | 1 | 1 | 0 |
| 16:00 | 5 | 5 | 0 | 0 | 0 |
| 17:00 | 10 | 8 | 2 | 0 | 0 |
| 18:00 | 6 | 6 | 0 | 0 | 0 |
| 19:00 | 3 | 3 | 0 | 0 | 0 |
| 20:00 | 2 | 2 | 0 | 0 | 0 |
| 21:00 | 2 | 2 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 82 | 63 | 18 | 1 | 0 |
| 16H(6-22) | 90 | 71 | 18 | 1 | 0 |
| 18H(6-24) | 91 | 72 | 18 | 1 | 0 |
| 24H(0-24) | 93 | 74 | 18 | 1 | 0 |
| AM Peak | 09:00 | 07:00 | 10:00 | 00:00 | 00:00 |
| | 9 | 7 | 3 | 0 | 0 |
| PM Peak | 14:00 | 14:00 | 14:00 | 15:00 | 12:00 |
| | 12 | 9 | 3 | 1 | 0 |

Paul Castle Associates

# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

10/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 5 | 5 | 0 | 0 | 0 |
| 08:00 | 1 | 1 | 0 | 0 | 0 |
| 09:00 | 3 | 3 | 0 | 0 | 0 |
| 10:00 | 3 | 2 | 1 | 0 | 0 |
| 11:00 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 5 | 5 | 0 | 0 | 0 |
| 13:00 | 2 | 2 | 0 | 0 | 0 |
| 14:00 | 4 | 2 | 2 | 0 | 0 |
| 15:00 | 2 | 2 | 0 | 0 | 0 |
| 16:00 | 2 | 2 | 0 | 0 | 0 |
| 17:00 | 1 | 1 | 0 | 0 | 0 |
| 18:00 | 2 | 2 | 0 | 0 | 0 |
| 19:00 | 0 | 0 | 0 | 0 | 0 |
| 20:00 | 1 | 1 | 0 | 0 | 0 |
| 21:00 | 1 | 1 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 30 | 27 | 3 | 0 | 0 |
| 16H(6-22) | 33 | 30 | 3 | 0 | 0 |
| 18H(6-24) | 34 | 31 | 3 | 0 | 0 |
| 24H(0-24) | 34 | 31 | 3 | 0 | 0 |
| AM Peak | 07:00 | 07:00 | 10:00 | 00:00 | 00:00 |
| | 5 | 5 | 1 | 0 | 0 |
| PM Peak | 12:00 | 12:00 | 14:00 | 12:00 | 12:00 |
| | 5 | 5 | 2 | 0 | 0 |

Paul Castle Associates

**Direction: Southbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 0 | 0 | 0 |
| 06:00 | 0 | 0 | 0 | 0 | 0 |
| 07:00 | 3 | 3 | 0 | 0 | 0 |
| 08:00 | 112 | 109 | 1 | 2 | 0 |
| 09:00 | 60 | 57 | 1 | 2 | 0 |
| 10:00 | 13 | 12 | 0 | 1 | 0 |
| 11:00 | 3 | 3 | 0 | 0 | 0 |
| 12:00 | 1 | 1 | 0 | 0 | 0 |
| 13:00 | 4 | 4 | 0 | 0 | 0 |
| 14:00 | 4 | 3 | 1 | 0 | 0 |
| 15:00 | 1 | 1 | 0 | 0 | 0 |
| 16:00 | 2 | 2 | 0 | 0 | 0 |
| 17:00 | 3 | 2 | 1 | 0 | 0 |
| 18:00 | 2 | 2 | 0 | 0 | 0 |
| 19:00 | 1 | 1 | 0 | 0 | 0 |
| 20:00 | 2 | 2 | 0 | 0 | 0 |
| 21:00 | 2 | 2 | 0 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 208 | 199 | 4 | 5 | 0 |
| 16H(6-22) | 213 | 204 | 4 | 5 | 0 |
| 18H(6-24) | 213 | 204 | 4 | 5 | 0 |
| 24H(0-24) | 214 | 205 | 4 | 5 | 0 |
| AM Peak | 08:00 | 08:00 | 08:00 | 08:00 | 00:00 |
| | 112 | 109 | 1 | 2 | 0 |
| PM Peak | 13:00 | 13:00 | 14:00 | 12:00 | 12:00 |
| | 4 | 4 | 1 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 8 | 8 | 0 | 0 | 0 |
| 08:00 | 113 | 110 | 1 | 2 | 0 |
| 09:00 | 63 | 60 | 1 | 2 | 0 |
| 10:00 | 16 | 14 | 1 | 1 | 0 |
| 11:00 | 3 | 3 | 0 | 0 | 0 |
| 12:00 | 6 | 6 | 0 | 0 | 0 |
| 13:00 | 6 | 6 | 0 | 0 | 0 |
| 14:00 | 8 | 5 | 3 | 0 | 0 |
| 15:00 | 3 | 3 | 0 | 0 | 0 |
| 16:00 | 4 | 4 | 0 | 0 | 0 |
| 17:00 | 4 | 3 | 1 | 0 | 0 |
| 18:00 | 4 | 4 | 0 | 0 | 0 |
| 19:00 | 1 | 1 | 0 | 0 | 0 |
| 20:00 | 3 | 3 | 0 | 0 | 0 |
| 21:00 | 3 | 3 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 238 | 226 | 7 | 5 | 0 |
| 16H(6-22) | 246 | 234 | 7 | 5 | 0 |
| 18H(6-24) | 247 | 235 | 7 | 5 | 0 |
| 24H(0-24) | 248 | 236 | 7 | 5 | 0 |
| AM Peak | 08:00 | 08:00 | 08:00 | 08:00 | 00:00 |
| | 113 | 110 | 1 | 2 | 0 |
| PM Peak | 14:00 | 12:00 | 14:00 | 12:00 | 12:00 |
| | 8 | 6 | 3 | 0 | 0 |

Paul Castle Associates

# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

**11/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 0 | 0 | 0 | 0 | 0 |
| 07:00 | 1 | 1 | 0 | 0 | 0 |
| 08:00 | 2 | 2 | 0 | 0 | 0 |
| 09:00 | 4 | 4 | 0 | 0 | 0 |
| 10:00 | 6 | 6 | 0 | 0 | 0 |
| 11:00 | 0 | 0 | 0 | 0 | 0 |
| 12:00 | 2 | 2 | 0 | 0 | 0 |
| 13:00 | 2 | 2 | 0 | 0 | 0 |
| 14:00 | 0 | 0 | 0 | 0 | 0 |
| 15:00 | 2 | 1 | 1 | 0 | 0 |
| 16:00 | 2 | 1 | 0 | 1 | 0 |
| 17:00 | 1 | 1 | 0 | 0 | 0 |
| 18:00 | 1 | 1 | 0 | 0 | 0 |
| 19:00 | 2 | 2 | 0 | 0 | 0 |
| 20:00 | 2 | 1 | 1 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 23 | 21 | 1 | 1 | 0 |
| 16H(6-22) | 27 | 24 | 2 | 1 | 0 |
| 18H(6-24) | 28 | 25 | 2 | 1 | 0 |
| 24H(0-24) | 28 | 25 | 2 | 1 | 0 |
| AM Peak | 10:00 | 10:00 | 00:00 | 00:00 | 00:00 |
| | 6 | 6 | 0 | 0 | 0 |
| PM Peak | 12:00 | 12:00 | 15:00 | 16:00 | 12:00 |
| | 2 | 2 | 1 | 1 | 0 |

Paul Castle Associates

**Direction: Southbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 0 | 0 | 0 | 0 | 0 |
| 08:00 | 3 | 3 | 0 | 0 | 0 |
| 09:00 | 6 | 6 | 0 | 0 | 0 |
| 10:00 | 3 | 3 | 0 | 0 | 0 |
| 11:00 | 4 | 4 | 0 | 0 | 0 |
| 12:00 | 4 | 3 | 1 | 0 | 0 |
| 13:00 | 3 | 3 | 0 | 0 | 0 |
| 14:00 | 2 | 2 | 0 | 0 | 0 |
| 15:00 | 3 | 3 | 0 | 0 | 0 |
| 16:00 | 4 | 4 | 0 | 0 | 0 |
| 17:00 | 7 | 7 | 0 | 0 | 0 |
| 18:00 | 3 | 3 | 0 | 0 | 0 |
| 19:00 | 0 | 0 | 0 | 0 | 0 |
| 20:00 | 2 | 2 | 0 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 42 | 41 | 1 | 0 | 0 |
| 16H(6-22) | 45 | 44 | 1 | 0 | 0 |
| 18H(6-24) | 45 | 44 | 1 | 0 | 0 |
| 24H(0-24) | 45 | 44 | 1 | 0 | 0 |
| AM Peak | 09:00 | 09:00 | 00:00 | 00:00 | 00:00 |
| | 6 | 6 | 0 | 0 | 0 |
| PM Peak | 17:00 | 17:00 | 12:00 | 12:00 | 12:00 |
| | 7 | 7 | 1 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 1 | 1 | 0 | 0 | 0 |
| 08:00 | 5 | 5 | 0 | 0 | 0 |
| 09:00 | 10 | 10 | 0 | 0 | 0 |
| 10:00 | 9 | 9 | 0 | 0 | 0 |
| 11:00 | 4 | 4 | 0 | 0 | 0 |
| 12:00 | 6 | 5 | 1 | 0 | 0 |
| 13:00 | 5 | 5 | 0 | 0 | 0 |
| 14:00 | 2 | 2 | 0 | 0 | 0 |
| 15:00 | 5 | 4 | 1 | 0 | 0 |
| 16:00 | 6 | 5 | 0 | 1 | 0 |
| 17:00 | 8 | 8 | 0 | 0 | 0 |
| 18:00 | 4 | 4 | 0 | 0 | 0 |
| 19:00 | 2 | 2 | 0 | 0 | 0 |
| 20:00 | 4 | 3 | 1 | 0 | 0 |
| 21:00 | 0 | 0 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 65 | 62 | 2 | 1 | 0 |
| 16H(6-22) | 72 | 68 | 3 | 1 | 0 |
| 18H(6-24) | 73 | 69 | 3 | 1 | 0 |
| 24H(0-24) | 73 | 69 | 3 | 1 | 0 |
| AM Peak | 09:00 | 09:00 | 00:00 | 00:00 | 00:00 |
| | 10 | 10 | 0 | 0 | 0 |
| PM Peak | 17:00 | 17:00 | 12:00 | 16:00 | 12:00 |
| | 8 | 8 | 1 | 1 | 0 |

Paul Castle Associates

# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

12/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 4 | 4 | 0 | 0 | 0 |
| 08:00 | 1 | 1 | 0 | 0 | 0 |
| 09:00 | 2 | 2 | 0 | 0 | 0 |
| 10:00 | 2 | 1 | 1 | 0 | 0 |
| 11:00 | 3 | 3 | 0 | 0 | 0 |
| 12:00 | 0 | 0 | 0 | 0 | 0 |
| 13:00 | 3 | 1 | 1 | 1 | 0 |
| 14:00 | 2 | 2 | 0 | 0 | 0 |
| 15:00 | 0 | 0 | 0 | 0 | 0 |
| 16:00 | 4 | 3 | 1 | 0 | 0 |
| 17:00 | 3 | 3 | 0 | 0 | 0 |
| 18:00 | 4 | 4 | 0 | 0 | 0 |
| 19:00 | 0 | 0 | 0 | 0 | 0 |
| 20:00 | 1 | 1 | 0 | 0 | 0 |
| 21:00 | 1 | 1 | 0 | 0 | 0 |
| 22:00 | 0 | 0 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 28 | 24 | 3 | 1 | 0 |
| 16H(6-22) | 31 | 27 | 3 | 1 | 0 |
| 18H(6-24) | 31 | 27 | 3 | 1 | 0 |
| 24H(0-24) | 31 | 27 | 3 | 1 | 0 |
| AM Peak | 07:00 | 07:00 | 10:00 | 00:00 | 00:00 |
| | 4 | 4 | 1 | 0 | 0 |
| PM Peak | 16:00 | 18:00 | 13:00 | 13:00 | 12:00 |
| | 4 | 4 | 1 | 1 | 0 |

Paul Castle Associates

**Direction: Southbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 2 | 2 | 0 | 0 | 0 |
| 06:00 | 0 | 0 | 0 | 0 | 0 |
| 07:00 | 2 | 2 | 0 | 0 | 0 |
| 08:00 | 2 | 2 | 0 | 0 | 0 |
| 09:00 | 2 | 1 | 1 | 0 | 0 |
| 10:00 | 2 | 2 | 0 | 0 | 0 |
| 11:00 | 1 | 1 | 0 | 0 | 0 |
| 12:00 | 1 | 1 | 0 | 0 | 0 |
| 13:00 | 4 | 3 | 1 | 0 | 0 |
| 14:00 | 3 | 1 | 2 | 0 | 0 |
| 15:00 | 4 | 2 | 2 | 0 | 0 |
| 16:00 | 4 | 4 | 0 | 0 | 0 |
| 17:00 | 6 | 6 | 0 | 0 | 0 |
| 18:00 | 3 | 3 | 0 | 0 | 0 |
| 19:00 | 0 | 0 | 0 | 0 | 0 |
| 20:00 | 2 | 2 | 0 | 0 | 0 |
| 21:00 | 1 | 1 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 34 | 28 | 6 | 0 | 0 |
| 16H(6-22) | 37 | 31 | 6 | 0 | 0 |
| 18H(6-24) | 38 | 32 | 6 | 0 | 0 |
| 24H(0-24) | 40 | 34 | 6 | 0 | 0 |
| AM Peak | 05:00 | 05:00 | 09:00 | 00:00 | 00:00 |
| | 2 | 2 | 1 | 0 | 0 |
| PM Peak | 17:00 | 17:00 | 14:00 | 12:00 | 12:00 |
| | 6 | 6 | 2 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 2 | 2 | 0 | 0 | 0 |
| 06:00 | 1 | 1 | 0 | 0 | 0 |
| 07:00 | 6 | 6 | 0 | 0 | 0 |
| 08:00 | 3 | 3 | 0 | 0 | 0 |
| 09:00 | 4 | 3 | 1 | 0 | 0 |
| 10:00 | 4 | 3 | 1 | 0 | 0 |
| 11:00 | 4 | 4 | 0 | 0 | 0 |
| 12:00 | 1 | 1 | 0 | 0 | 0 |
| 13:00 | 7 | 4 | 2 | 1 | 0 |
| 14:00 | 5 | 3 | 2 | 0 | 0 |
| 15:00 | 4 | 2 | 2 | 0 | 0 |
| 16:00 | 8 | 7 | 1 | 0 | 0 |
| 17:00 | 9 | 9 | 0 | 0 | 0 |
| 18:00 | 7 | 7 | 0 | 0 | 0 |
| 19:00 | 0 | 0 | 0 | 0 | 0 |
| 20:00 | 3 | 3 | 0 | 0 | 0 |
| 21:00 | 2 | 2 | 0 | 0 | 0 |
| 22:00 | 1 | 1 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 62 | 52 | 9 | 1 | 0 |
| 16H(6-22) | 68 | 58 | 9 | 1 | 0 |
| 18H(6-24) | 69 | 59 | 9 | 1 | 0 |
| 24H(0-24) | 71 | 61 | 9 | 1 | 0 |
| AM Peak | 07:00 | 07:00 | 09:00 | 00:00 | 00:00 |
| | 6 | 6 | 1 | 0 | 0 |
| PM Peak | 17:00 | 17:00 | 13:00 | 13:00 | 12:00 |
| | 9 | 9 | 2 | 1 | 0 |

Paul Castle Associates

# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

**06/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 2 | 22.5 | 22.5 | 0.0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 4 | 31.0 | 22.5 | 8.2 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 5 | 30.4 | 24.5 | 5.7 | 0 | 0 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 6 | 22.1 | 17.5 | 4.5 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 5 | 19.1 | 14.5 | 4.5 | 0 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 3 | 32.1 | 19.3 | 12.4 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 9 | 23.6 | 16.4 | 6.9 | 1 | 3 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 2 | 28.7 | 25.0 | 3.5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 4 | 40.5 | 26.3 | 13.8 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **16:00** | 2 | 18.7 | 15.0 | 3.5 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 3 | 17.2 | 14.2 | 2.9 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 6 | 18.4 | 14.2 | 4.1 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 6 | 37.0 | 25.8 | 10.8 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 45 | 26.9 | 19.0 | 7.7 | 2 | 15 | 12 | 8 | 2 | 5 | 0 | 1 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 48 | 27.0 | 19.2 | 7.5 | 2 | 15 | 12 | 11 | 2 | 5 | 0 | 1 | 0 | 0 | 0 | 0 |
| **AM Peak** | 09:00 | 07:00 | 08:00 | 07:00 | 00:00 | 10:00 | 09:00 | 06:00 | 08:00 | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **6** | **31.0** | **24.5** | **8.2** | **0** | **4** | **2** | **2** | **1** | **1** | **0** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 13:00 | 15:00 | 15:00 | 15:00 | 12:00 | 13:00 | 13:00 | 14:00 | 14:00 | 12:00 | 12:00 | 15:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **9** | **40.5** | **26.3** | **13.8** | **1** | **3** | **4** | **1** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **0** |



**Direction: Southbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 3 | 27.1 | 19.2 | 7.6 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 2 | 23.7 | 20.0 | 3.5 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 4 | 30.2 | 18.9 | 10.9 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 6 | 27.8 | 18.5 | 8.9 | 2 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 4 | 29.8 | 22.5 | 7.1 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 2 | 17.5 | 17.5 | 0.0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 6 | 17.1 | 12.7 | 4.3 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 4 | 30.1 | 21.3 | 8.5 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 4 | 24.7 | 17.6 | 6.8 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 6 | 26.8 | 24.2 | 2.6 | 0 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 8 | 31.4 | 20.1 | 10.9 | 2 | 1 | 1 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 4 | 23.8 | 21.3 | 2.5 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 2 | 33.7 | 30.0 | 3.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 6 | 27.1 | 20.8 | 6.1 | 0 | 0 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 10 | 27.3 | 21.6 | 5.5 | 1 | 0 | 1 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 51 | 27.7 | 19.7 | 7.6 | 8 | 5 | 12 | 16 | 4 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 59 | 29.1 | 20.7 | 8.1 | 8 | 6 | 13 | 16 | 8 | 6 | 1 | 1 | 0 | 0 | 0 | 0 |
| **AM Peak** | 09:00 | 08:00 | 06:00 | 08:00 | 09:00 | 05:00 | 10:00 | 07:00 | 09:00 | 08:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **6** | **30.2** | **27.5** | **10.9** | **2** | **1** | **2** | **1** | **2** | **1** | **0** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 16:00 | 19:00 | 22:00 | 16:00 | 12:00 | 12:00 | 12:00 | 15:00 | 15:00 | 13:00 | 16:00 | 22:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **8** | **33.7** | **42.5** | **10.9** | **2** | **2** | **2** | **4** | **2** | **1** | **1** | **1** | **0** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 4 | 26.7 | 20.0 | 6.5 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 3 | 27.2 | 24.2 | 2.9 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 6 | 28.6 | 21.7 | 6.6 | 0 | 1 | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 9 | 30.7 | 22.0 | 8.4 | 1 | 1 | 1 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 12 | 25.0 | 18.0 | 6.8 | 2 | 2 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 9 | 25.1 | 18.1 | 6.8 | 0 | 4 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 3 | 18.8 | 15.8 | 2.9 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 9 | 23.0 | 14.9 | 7.8 | 3 | 2 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 13 | 25.6 | 17.9 | 7.4 | 1 | 4 | 5 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 6 | 27.0 | 20.1 | 6.7 | 1 | 0 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 10 | 33.5 | 25.0 | 8.2 | 0 | 1 | 1 | 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **16:00** | 10 | 29.3 | 19.1 | 9.9 | 2 | 2 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 7 | 22.9 | 18.2 | 4.5 | 0 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 2 | 36.0 | 25.0 | 10.6 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 2 | 33.7 | 30.0 | 3.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 12 | 23.7 | 17.5 | 6.0 | 0 | 5 | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 16 | 31.3 | 23.2 | 7.9 | 1 | 1 | 2 | 7 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 96 | 27.3 | 19.4 | 7.6 | 10 | 20 | 24 | 24 | 6 | 10 | 1 | 1 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 107 | 28.2 | 20.0 | 7.9 | 10 | 21 | 25 | 27 | 10 | 11 | 1 | 2 | 0 | 0 | 0 | 0 |
| **AM Peak** | 09:00 | 08:00 | 06:00 | 08:00 | 09:00 | 10:00 | 09:00 | 07:00 | 09:00 | 08:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **12** | **30.7** | **24.2** | **8.4** | **2** | **4** | **3** | **3** | **2** | **2** | **0** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 13:00 | 18:00 | 22:00 | 18:00 | 12:00 | 13:00 | 13:00 | 15:00 | 15:00 | 13:00 | 16:00 | 15:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **13** | **36.0** | **42.5** | **10.6** | **3** | **4** | **5** | **4** | **2** | **2** | **1** | **1** | **0** | **0** | **0** | **0** |

# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

**07/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 8 | 26.2 | 17.6 | 8.4 | 1 | 3 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 3 | 36.6 | 21.0 | 15.1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 6 | 24.9 | 16.8 | 7.8 | 2 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 4 | 23.7 | 18.8 | 4.8 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 4 | 31.5 | 23.8 | 7.5 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 2 | 34.8 | 27.5 | 7.1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 5 | 22.8 | 18.5 | 4.2 | 0 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 3 | 35.2 | 29.2 | 5.8 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 3 | 22.7 | 17.5 | 5.0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 2 | 23.7 | 20.0 | 3.5 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 5 | 22.7 | 17.5 | 5.0 | 0 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 6 | 27.9 | 20.8 | 6.8 | 0 | 1 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 41 | 28.3 | 20.0 | 8.0 | 4 | 9 | 9 | 8 | 5 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 44 | 28.1 | 20.0 | 7.7 | 4 | 9 | 10 | 10 | 5 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| **AM Peak** | 07:00 | 08:00 | 06:00 | 08:00 | 09:00 | 07:00 | 07:00 | 11:00 | 07:00 | 07:00 | 08:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **8** | **36.6** | **22.5** | **15.1** | **2** | **3** | **2** | **2** | **1** | **1** | **1** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 15:00 | 16:00 | 14:00 | 12:00 | 12:00 | 12:00 | 15:00 | 15:00 | 12:00 | 16:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **5** | **35.2** | **32.5** | **7.5** | **0** | **1** | **2** | **2** | **3** | **2** | **0** | **0** | **0** | **0** | **0** | **0** |



**Direction: Southbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 2 | 24.8 | 17.5 | 7.1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 2 | 32.0 | 17.8 | 13.8 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 5 | 32.2 | 22.5 | 9.4 | 0 | 2 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 4 | 13.7 | 11.4 | 2.3 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 2 | 13.5 | 10.3 | 3.2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 3 | 30.2 | 24.2 | 5.8 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 2 | 36.0 | 25.0 | 10.6 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 5 | 35.8 | 26.5 | 8.9 | 0 | 0 | 2 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 4 | 33.0 | 30.0 | 2.9 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 2 | 29.8 | 22.5 | 7.1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 5 | 34.0 | 20.7 | 12.8 | 2 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 4 | 28.7 | 23.8 | 4.8 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 2 | 17.5 | 17.5 | 0.0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 2 | 44.4 | 22.8 | 20.9 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 2 | 44.8 | 37.5 | 7.1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 5 | 27.7 | 18.6 | 8.8 | 1 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 6 | 33.2 | 27.5 | 5.5 | 0 | 0 | 1 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 40 | 30.9 | 21.7 | 8.9 | 5 | 6 | 8 | 2 | 12 | 5 | 2 | 0 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 47 | 32.2 | 22.4 | 9.5 | 6 | 7 | 8 | 3 | 13 | 6 | 3 | 1 | 0 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 08:00 | 11:00 | 07:00 | 07:00 | 09:00 | 11:00 | 05:00 | 08:00 | 08:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **5** | **32.2** | **24.2** | **13.8** | **1** | **3** | **1** | **1** | **2** | **1** | **0** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 13:00 | 20:00 | 20:00 | 19:00 | 16:00 | 12:00 | 13:00 | 16:00 | 14:00 | 14:00 | 13:00 | 20:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **5** | **44.8** | **37.5** | **20.9** | **2** | **0** | **2** | **1** | **2** | **2** | **1** | **1** | **0** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 2 | 24.8 | 17.5 | 7.1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 10 | 26.6 | 17.6 | 8.7 | 2 | 3 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 8 | 33.1 | 21.9 | 10.7 | 1 | 2 | 1 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 10 | 21.5 | 14.7 | 6.6 | 3 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 3 | 13.7 | 11.0 | 2.6 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 7 | 26.8 | 21.1 | 5.6 | 0 | 1 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 6 | 32.0 | 24.2 | 7.5 | 0 | 1 | 1 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 7 | 34.9 | 26.8 | 7.9 | 0 | 0 | 2 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 5 | 33.3 | 30.5 | 2.7 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 7 | 24.7 | 19.6 | 4.9 | 0 | 1 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 8 | 35.3 | 23.9 | 11.1 | 2 | 0 | 0 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 7 | 26.8 | 21.1 | 5.6 | 0 | 1 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 3 | 18.8 | 15.8 | 2.9 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 4 | 34.1 | 21.4 | 12.3 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 2 | 44.8 | 37.5 | 7.1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 10 | 25.1 | 18.1 | 6.8 | 1 | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 12 | 31.3 | 24.2 | 6.9 | 0 | 1 | 3 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 81 | 29.6 | 20.8 | 8.4 | 9 | 15 | 17 | 10 | 17 | 10 | 3 | 0 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 91 | 30.3 | 21.2 | 8.7 | 10 | 16 | 18 | 13 | 18 | 11 | 4 | 1 | 0 | 0 | 0 | 0 |
| **AM Peak** | 07:00 | 08:00 | 06:00 | 08:00 | 09:00 | 07:00 | 07:00 | 11:00 | 07:00 | 07:00 | 08:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **10** | **33.1** | **22.5** | **10.7** | **3** | **3** | **2** | **2** | **2** | **1** | **1** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 16:00 | 20:00 | 20:00 | 19:00 | 16:00 | 12:00 | 15:00 | 15:00 | 12:00 | 14:00 | 13:00 | 20:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **8** | **44.8** | **37.5** | **12.3** | **2** | **1** | **3** | **2** | **3** | **3** | **1** | **1** | **0** | **0** | **0** | **0** |

# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

**08/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 4 | 26.5 | 18.8 | 7.5 | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 5 | 23.2 | 16.6 | 6.3 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 2 | 43.3 | 25.0 | 17.7 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 5 | 22.7 | 17.5 | 5.0 | 0 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 3 | 35.2 | 29.2 | 5.8 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 6 | 32.6 | 24.2 | 8.2 | 0 | 1 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 6 | 31.2 | 22.5 | 8.4 | 0 | 2 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 2 | 28.7 | 25.0 | 3.5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 4 | 23.0 | 20.0 | 2.9 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 5 | 22.7 | 17.5 | 5.0 | 0 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 12 | 31.6 | 23.3 | 7.9 | 0 | 3 | 1 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 39 | 29.2 | 21.5 | 7.4 | 1 | 9 | 6 | 11 | 6 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 40 | 29.3 | 21.6 | 7.4 | 1 | 9 | 6 | 11 | 7 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 09:00 | 06:00 | 09:00 | 08:00 | 07:00 | 08:00 | 08:00 | 06:00 | 00:00 | 09:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **5** | **43.3** | **27.5** | **17.7** | **1** | **2** | **1** | **2** | **1** | **0** | **1** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 14:00 | 13:00 | 13:00 | 15:00 | 12:00 | 15:00 | 18:00 | 18:00 | 15:00 | 13:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **6** | **35.2** | **29.2** | **8.4** | **0** | **2** | **2** | **2** | **2** | **2** | **0** | **0** | **0** | **0** | **0** | **0** |



**Direction: Southbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 2 | 17.5 | 17.5 | 0.0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 5 | 29.5 | 19.6 | 9.6 | 1 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 4 | 25.2 | 20.0 | 5.0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 2 | 27.5 | 27.5 | 0.0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 3 | 27.2 | 24.2 | 2.9 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 2 | 33.7 | 30.0 | 3.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 3 | 37.1 | 29.2 | 7.6 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 6 | 30.1 | 25.8 | 4.1 | 0 | 0 | 0 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 6 | 29.3 | 19.3 | 9.6 | 2 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 2 | 33.7 | 30.0 | 3.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 5 | 28.4 | 20.5 | 7.6 | 0 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 5 | 27.2 | 21.5 | 5.5 | 0 | 1 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 5 | 28.3 | 25.5 | 2.7 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 12 | 30.7 | 22.6 | 7.8 | 2 | 0 | 0 | 6 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 43 | 30.5 | 23.1 | 7.1 | 3 | 4 | 2 | 18 | 9 | 6 | 1 | 0 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 48 | 30.5 | 23.3 | 7.0 | 3 | 4 | 4 | 18 | 11 | 7 | 1 | 0 | 0 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 08:00 | 06:00 | 08:00 | 08:00 | 08:00 | 05:00 | 09:00 | 10:00 | 06:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **5** | **29.5** | **32.5** | **9.6** | **1** | **1** | **2** | **3** | **2** | **1** | **0** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 14:00 | 13:00 | 12:00 | 15:00 | 15:00 | 17:00 | 17:00 | 14:00 | 14:00 | 12:00 | 13:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **6** | **37.1** | **30.0** | **9.6** | **2** | **1** | **2** | **3** | **2** | **1** | **1** | **0** | **0** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 2 | 17.5 | 17.5 | 0.0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 2 | 33.7 | 30.0 | 3.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 4 | 26.5 | 18.8 | 7.5 | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 10 | 26.2 | 18.1 | 7.8 | 2 | 2 | 1 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 6 | 31.2 | 21.7 | 9.2 | 0 | 2 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 7 | 27.0 | 20.4 | 6.4 | 0 | 2 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 3 | 27.2 | 24.2 | 2.9 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 3 | 33.7 | 25.8 | 7.6 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 6 | 35.4 | 29.2 | 6.1 | 0 | 0 | 0 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 12 | 31.4 | 25.0 | 6.2 | 0 | 1 | 1 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 12 | 30.0 | 20.9 | 8.7 | 2 | 2 | 0 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 3 | 32.2 | 29.2 | 2.9 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 7 | 28.8 | 21.8 | 6.7 | 0 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 9 | 25.3 | 20.8 | 4.3 | 0 | 1 | 2 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 10 | 27.4 | 21.5 | 5.7 | 0 | 2 | 1 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 24 | 30.9 | 23.0 | 7.7 | 2 | 3 | 1 | 8 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 82 | 29.9 | 22.3 | 7.3 | 4 | 13 | 8 | 29 | 15 | 11 | 2 | 0 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 88 | 30.0 | 22.5 | 7.2 | 4 | 13 | 10 | 29 | 18 | 12 | 2 | 0 | 0 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 06:00 | 06:00 | 09:00 | 08:00 | 07:00 | 05:00 | 08:00 | 10:00 | 06:00 | 09:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **10** | **33.7** | **30.0** | **9.2** | **2** | **2** | **2** | **4** | **2** | **1** | **1** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 14:00 | 13:00 | 13:00 | 15:00 | 15:00 | 15:00 | 17:00 | 18:00 | 14:00 | 14:00 | 13:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **12** | **35.4** | **29.2** | **8.7** | **2** | **2** | **2** | **5** | **3** | **3** | **1** | **0** | **0** | **0** | **0** | **0** |

# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

**09/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 6 | 30.4 | 20.9 | 9.2 | 1 | 1 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 6 | 24.1 | 17.5 | 6.3 | 0 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 3 | 25.2 | 19.2 | 5.8 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 4 | 30.2 | 25.0 | 5.0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 3 | 29.8 | 19.3 | 10.1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 3 | 31.5 | 22.5 | 8.7 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 2 | 34.8 | 27.5 | 7.1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 5 | 25.8 | 21.5 | 4.2 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 5 | 26.2 | 22.5 | 3.5 | 0 | 0 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 3 | 27.2 | 24.2 | 2.9 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 4 | 23.5 | 17.5 | 5.8 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 6 | 29.8 | 20.9 | 8.6 | 1 | 1 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 39 | 27.9 | 21.1 | 6.5 | 2 | 7 | 4 | 16 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 44 | 27.9 | 21.4 | 6.3 | 2 | 7 | 5 | 18 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **AM Peak** | 07:00 | 07:00 | 07:00 | 07:00 | 07:00 | 09:00 | 09:00 | 07:00 | 07:00 | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **6** | **30.4** | **20.9** | **9.2** | **1** | **3** | **1** | **2** | **1** | **1** | **0** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 17:00 | 16:00 | 16:00 | 14:00 | 14:00 | 15:00 | 17:00 | 12:00 | 15:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **5** | **34.8** | **27.5** | **10.1** | **1** | **1** | **2** | **3** | **2** | **1** | **0** | **0** | **0** | **0** | **0** | **0** |



**Direction: Southbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 2 | 24.8 | 17.5 | 7.1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 2 | 25.9 | 15.3 | 10.3 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 3 | 31.5 | 22.5 | 8.7 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 3 | 27.8 | 17.7 | 9.8 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 3 | 32.7 | 27.5 | 5.0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 3 | 31.6 | 20.8 | 10.4 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 3 | 30.2 | 24.2 | 5.8 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 4 | 35.2 | 30.0 | 5.0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 9 | 31.4 | 23.1 | 8.1 | 0 | 1 | 4 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 4 | 47.3 | 31.3 | 15.5 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| **16:00** | 3 | 40.0 | 29.2 | 10.4 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 5 | 32.1 | 22.6 | 9.2 | 1 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 6 | 32.6 | 24.2 | 8.2 | 0 | 1 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 13 | 36.9 | 25.6 | 10.9 | 0 | 1 | 5 | 1 | 1 | 4 | 0 | 0 | 0 | 1 | 0 | 0 |
| **12H(7-19)** | 43 | 33.6 | 24.2 | 9.1 | 3 | 3 | 10 | 6 | 8 | 11 | 1 | 0 | 0 | 1 | 0 | 0 |
| **24H(0-24)** | 49 | 33.2 | 24.1 | 8.8 | 3 | 4 | 10 | 9 | 9 | 12 | 1 | 0 | 0 | 1 | 0 | 0 |
| **AM Peak** | 08:00 | 10:00 | 10:00 | 11:00 | 07:00 | 05:00 | 09:00 | 05:00 | 08:00 | 10:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **3** | **32.7** | **27.5** | **10.4** | **1** | **1** | **1** | **1** | **2** | **1** | **0** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 14:00 | 15:00 | 20:00 | 15:00 | 17:00 | 14:00 | 14:00 | 17:00 | 12:00 | 13:00 | 16:00 | 12:00 | 12:00 | 15:00 | 12:00 | 12:00 |
| | **9** | **47.3** | **32.5** | **15.5** | **1** | **1** | **4** | **2** | **2** | **3** | **1** | **0** | **0** | **1** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 2 | 24.8 | 17.5 | 7.1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 8 | 28.9 | 19.5 | 9.1 | 2 | 1 | 0 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 3 | 31.5 | 22.5 | 8.7 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 9 | 24.8 | 17.6 | 7.0 | 1 | 3 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 6 | 30.2 | 23.3 | 6.6 | 0 | 1 | 0 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 4 | 28.6 | 18.8 | 9.5 | 0 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 7 | 29.7 | 24.6 | 4.9 | 0 | 0 | 1 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 5 | 34.2 | 28.5 | 5.5 | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 12 | 30.7 | 22.1 | 8.3 | 1 | 1 | 4 | 1 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 7 | 40.9 | 27.5 | 12.9 | 0 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| **16:00** | 5 | 37.0 | 28.5 | 8.2 | 0 | 0 | 1 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 10 | 29.0 | 22.1 | 6.7 | 1 | 0 | 2 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 6 | 25.6 | 21.7 | 3.8 | 0 | 0 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 3 | 27.2 | 24.2 | 2.9 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 2 | 33.7 | 30.0 | 3.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 2 | 29.8 | 22.5 | 7.1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 10 | 29.5 | 21.5 | 7.7 | 0 | 3 | 1 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 19 | 34.7 | 24.1 | 10.2 | 1 | 2 | 5 | 2 | 4 | 4 | 0 | 0 | 0 | 1 | 0 | 0 |
| **12H(7-19)** | 82 | 31.1 | 22.7 | 8.1 | 5 | 10 | 14 | 22 | 15 | 14 | 1 | 0 | 0 | 1 | 0 | 0 |
| **24H(0-24)** | 93 | 30.9 | 22.8 | 7.8 | 5 | 11 | 15 | 27 | 18 | 15 | 1 | 0 | 0 | 1 | 0 | 0 |
| **AM Peak** | 09:00 | 08:00 | 10:00 | 11:00 | 07:00 | 09:00 | 09:00 | 07:00 | 08:00 | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **9** | **31.5** | **23.3** | **9.5** | **2** | **3** | **2** | **3** | **2** | **1** | **0** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 14:00 | 15:00 | 20:00 | 15:00 | 14:00 | 14:00 | 14:00 | 17:00 | 12:00 | 13:00 | 16:00 | 12:00 | 12:00 | 15:00 | 12:00 | 12:00 |
| | **12** | **40.9** | **30.0** | **12.9** | **1** | **1** | **4** | **4** | **2** | **3** | **1** | **0** | **0** | **1** | **0** | **0** |

# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

**10/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 5 | 32.8 | 23.5 | 8.9 | 0 | 1 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 3 | 13.7 | 11.0 | 2.6 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 3 | 23.8 | 20.8 | 2.9 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 5 | 33.8 | 27.5 | 6.1 | 0 | 0 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 2 | 12.5 | 12.5 | 0.0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 4 | 34.0 | 26.3 | 7.5 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 2 | 18.7 | 15.0 | 3.5 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 2 | 18.7 | 15.0 | 3.5 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 2 | 22.5 | 22.5 | 0.0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 3 | 23.8 | 20.8 | 2.9 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 6 | 31.2 | 22.5 | 8.4 | 0 | 1 | 2 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 30 | 28.9 | 20.9 | 7.8 | 1 | 8 | 5 | 8 | 3 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 34 | 28.2 | 20.3 | 7.6 | 1 | 10 | 6 | 9 | 3 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |
| **AM Peak** | 07:00 | 07:00 | 07:00 | 07:00 | 09:00 | 09:00 | 10:00 | 07:00 | 00:00 | 00:00 | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **5** | **32.8** | **23.5** | **8.9** | **1** | **2** | **1** | **3** | **0** | **0** | **1** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 12:00 | 14:00 | 12:00 | 14:00 | 12:00 | 13:00 | 12:00 | 18:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **5** | **34.0** | **27.5** | **7.5** | **0** | **2** | **1** | **2** | **2** | **2** | **0** | **0** | **0** | **0** | **0** | **0** |



**Direction: Southbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 3 | 26.8 | 20.8 | 5.8 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 112 | 20.8 | 17.3 | 3.4 | 0 | 23 | 73 | 14 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 60 | 21.6 | 17.0 | 4.5 | 1 | 14 | 39 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **10:00** | 13 | 21.3 | 16.8 | 4.4 | 1 | 3 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 3 | 40.2 | 34.2 | 5.8 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 4 | 31.0 | 22.5 | 8.2 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 4 | 35.2 | 23.8 | 11.1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **16:00** | 2 | 38.2 | 20.3 | 17.3 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 3 | 27.8 | 17.7 | 9.8 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 2 | 29.8 | 22.5 | 7.1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 2 | 28.7 | 25.0 | 3.5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 2 | 22.5 | 22.5 | 0.0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 16 | 28.7 | 20.0 | 8.3 | 1 | 3 | 6 | 3 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 5 | 40.7 | 27.5 | 12.7 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 208 | 23.3 | 17.9 | 5.3 | 4 | 43 | 123 | 24 | 6 | 3 | 3 | 2 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 214 | 23.5 | 18.0 | 5.3 | 4 | 44 | 123 | 28 | 7 | 3 | 3 | 2 | 0 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 11:00 | 11:00 | 07:00 | 09:00 | 08:00 | 08:00 | 08:00 | 07:00 | 08:00 | 11:00 | 09:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **112** | **40.2** | **34.2** | **5.8** | **1** | **23** | **73** | **14** | **1** | **1** | **2** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 13:00 | 16:00 | 15:00 | 16:00 | 16:00 | 12:00 | 14:00 | 13:00 | 14:00 | 13:00 | 14:00 | 15:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **4** | **38.2** | **42.5** | **17.3** | **1** | **1** | **1** | **2** | **1** | **1** | **1** | **1** | **0** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 8 | 30.3 | 22.5 | 7.6 | 0 | 1 | 2 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 113 | 20.8 | 17.3 | 3.4 | 0 | 24 | 73 | 14 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 63 | 21.5 | 16.7 | 4.6 | 2 | 16 | 39 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **10:00** | 16 | 22.1 | 17.5 | 4.4 | 1 | 3 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 3 | 40.2 | 34.2 | 5.8 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 6 | 33.5 | 25.0 | 8.2 | 0 | 1 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 6 | 27.6 | 19.2 | 8.2 | 0 | 3 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 8 | 34.2 | 25.0 | 8.9 | 0 | 1 | 2 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 3 | 40.8 | 24.2 | 16.1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **16:00** | 4 | 28.7 | 17.6 | 10.6 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 4 | 29.8 | 20.1 | 9.4 | 1 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 4 | 26.7 | 22.5 | 4.1 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 3 | 27.7 | 22.5 | 5.0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 3 | 25.2 | 19.2 | 5.8 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 19 | 28.1 | 20.2 | 7.7 | 1 | 3 | 7 | 5 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 11 | 35.5 | 24.8 | 10.3 | 0 | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 238 | 24.2 | 18.3 | 5.7 | 5 | 51 | 128 | 32 | 9 | 7 | 4 | 2 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 248 | 24.2 | 18.3 | 5.7 | 5 | 54 | 129 | 37 | 10 | 7 | 4 | 2 | 0 | 0 | 0 | 0 |
| **AM Peak** | 08:00 | 11:00 | 11:00 | 07:00 | 09:00 | 08:00 | 08:00 | 08:00 | 07:00 | 08:00 | 11:00 | 09:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **113** | **40.2** | **34.2** | **7.6** | **2** | **24** | **73** | **14** | **1** | **1** | **2** | **1** | **0** | **0** | **0** | **0** |
| **PM Peak** | 14:00 | 15:00 | 12:00 | 15:00 | 16:00 | 13:00 | 14:00 | 13:00 | 12:00 | 12:00 | 14:00 | 15:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **8** | **40.8** | **25.0** | **16.1** | **1** | **3** | **2** | **2** | **2** | **2** | **1** | **1** | **0** | **0** | **0** | **0** |

# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

**11/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 2 | 18.7 | 15.0 | 3.5 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 4 | 24.8 | 17.5 | 7.1 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 6 | 24.9 | 16.8 | 7.8 | 2 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 2 | 23.7 | 20.0 | 3.5 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 2 | 17.5 | 17.5 | 0.0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 2 | 17.5 | 17.5 | 0.0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 2 | 12.5 | 12.5 | 0.0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 2 | 28.7 | 25.0 | 3.5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 2 | 34.8 | 27.5 | 7.1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 6 | 24.9 | 16.8 | 7.8 | 2 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 2 | 17.5 | 17.5 | 0.0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 23 | 22.9 | 17.1 | 5.5 | 2 | 6 | 10 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 28 | 24.8 | 18.4 | 6.2 | 2 | 6 | 11 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **AM Peak** | 10:00 | 10:00 | 07:00 | 10:00 | 10:00 | 09:00 | 10:00 | 10:00 | 09:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **6** | **24.9** | **17.5** | **7.8** | **2** | **2** | **2** | **1** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 12:00 | 20:00 | 18:00 | 20:00 | 12:00 | 16:00 | 13:00 | 12:00 | 18:00 | 20:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **2** | **34.8** | **27.5** | **7.1** | **0** | **2** | **2** | **1** | **1** | **1** | **0** | **0** | **0** | **0** | **0** | **0** |



**Direction: Southbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 3 | 26.8 | 20.8 | 5.8 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 6 | 27.2 | 18.4 | 8.5 | 1 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 3 | 12.2 | 9.5 | 2.6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 4 | 17.5 | 17.5 | 0.0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 4 | 38.7 | 27.5 | 10.8 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **13:00** | 3 | 22.2 | 19.2 | 2.9 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 2 | 28.7 | 25.0 | 3.5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 3 | 26.6 | 16.0 | 10.2 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 4 | 25.1 | 16.4 | 8.4 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 7 | 26.5 | 23.9 | 2.4 | 0 | 0 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 3 | 32.7 | 27.5 | 5.0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 2 | 17.5 | 17.5 | 0.0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 7 | 18.8 | 14.1 | 4.5 | 2 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 5 | 28.8 | 19.6 | 8.9 | 1 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 42 | 28.1 | 20.3 | 7.6 | 5 | 4 | 12 | 10 | 8 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 45 | 27.7 | 20.1 | 7.3 | 5 | 4 | 15 | 10 | 8 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| **AM Peak** | 09:00 | 09:00 | 08:00 | 09:00 | 10:00 | 09:00 | 11:00 | 09:00 | 08:00 | 09:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **6** | **27.2** | **20.8** | **8.5** | **2** | **1** | **4** | **1** | **1** | **1** | **0** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 17:00 | 12:00 | 12:00 | 12:00 | 15:00 | 15:00 | 13:00 | 17:00 | 17:00 | 18:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **7** | **38.7** | **27.5** | **10.8** | **1** | **1** | **2** | **5** | **2** | **1** | **0** | **1** | **0** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 5 | 24.2 | 18.5 | 5.5 | 0 | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 10 | 25.9 | 18.1 | 7.5 | 1 | 3 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 9 | 21.9 | 14.4 | 7.3 | 4 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 4 | 17.5 | 17.5 | 0.0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 6 | 34.7 | 25.0 | 9.4 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **13:00** | 5 | 20.8 | 18.5 | 2.2 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 2 | 28.7 | 25.0 | 3.5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 5 | 24.1 | 16.6 | 7.3 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 6 | 22.1 | 15.1 | 6.8 | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 8 | 27.3 | 22.5 | 4.6 | 0 | 1 | 0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 4 | 31.7 | 27.5 | 4.1 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 2 | 28.7 | 25.0 | 3.5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 4 | 29.8 | 22.5 | 7.1 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 17.5 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 13 | 21.7 | 15.3 | 6.1 | 4 | 1 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 7 | 26.6 | 19.0 | 7.4 | 1 | 1 | 2 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 65 | 26.5 | 19.2 | 7.0 | 7 | 10 | 22 | 12 | 11 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 73 | 26.6 | 19.5 | 6.9 | 7 | 10 | 26 | 14 | 12 | 3 | 0 | 1 | 0 | 0 | 0 | 0 |
| **AM Peak** | 09:00 | 09:00 | 08:00 | 09:00 | 10:00 | 09:00 | 11:00 | 09:00 | 08:00 | 09:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **10** | **25.9** | **18.5** | **7.5** | **4** | **3** | **4** | **1** | **1** | **1** | **0** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 17:00 | 12:00 | 18:00 | 12:00 | 15:00 | 16:00 | 13:00 | 17:00 | 17:00 | 18:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **8** | **34.7** | **27.5** | **9.4** | **1** | **3** | **4** | **5** | **2** | **1** | **0** | **1** | **0** | **0** | **0** | **0** |

# Tween Bank ATC 8, Green Bank Road

**Direction: Northbound**

**12/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 4 | 36.1 | 26.3 | 9.5 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 1 | - | 12.5 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 2 | 12.5 | 12.5 | 0.0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 2 | 29.8 | 22.5 | 7.1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 3 | 28.7 | 20.8 | 7.6 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 3 | 12.5 | 12.5 | 0.0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **14:00** | 2 | 34.8 | 27.5 | 7.1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **16:00** | 4 | 39.2 | 26.3 | 12.5 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **17:00** | 3 | 31.8 | 25.8 | 5.8 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 4 | 21.6 | 15.1 | 6.3 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 1 | - | 32.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 5 | 28.3 | 21.5 | 6.5 | 0 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 2 | 34.8 | 27.5 | 7.1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12H(7-19)** | 28 | 30.0 | 20.9 | 8.8 | 1 | 10 | 2 | 6 | 4 | 4 | 0 | 1 | 0 | 0 | 0 | 0 |
| **24H(0-24)** | 31 | 30.5 | 21.5 | 8.7 | 1 | 10 | 2 | 7 | 5 | 5 | 0 | 1 | 0 | 0 | 0 | 0 |
| **AM Peak** | 07:00 | 07:00 | 07:00 | 07:00 | 00:00 | 09:00 | 10:00 | 06:00 | 07:00 | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **4** | **36.1** | **26.3** | **9.5** | **0** | **2** | **1** | **1** | **1** | **2** | **0** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 16:00 | 16:00 | 20:00 | 16:00 | 18:00 | 13:00 | 18:00 | 17:00 | 16:00 | 14:00 | 12:00 | 16:00 | 12:00 | 12:00 | 12:00 | 12:00 |
| | **4** | **39.2** | **32.5** | **12.5** | **1** | **3** | **1** | **2** | **1** | **1** | **0** | **1** | **0** | **0** | **0** | **0** |



**Direction: Southbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 2 | 18.7 | 15.0 | 3.5 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 2 | 24.8 | 17.5 | 7.1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 2 | 25.9 | 15.3 | 10.3 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 2 | 31.0 | 20.0 | 10.6 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 2 | 23.7 | 20.0 | 3.5 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 4 | 41.0 | 32.5 | 8.2 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| **14:00** | 3 | 32.2 | 29.2 | 2.9 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 4 | 44.9 | 35.0 | 9.6 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| **16:00** | 4 | 31.2 | 26.3 | 4.8 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **17:00** | 6 | 34.5 | 29.2 | 5.2 | 0 | 0 | 0 | 1 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 3 | 35.0 | 24.2 | 10.4 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 2 | 32.0 | 17.8 | 13.8 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 3 | 27.7 | 22.5 | 5.0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 7 | 40.4 | 32.5 | 7.6 | 0 | 0 | 0 | 0 | 4 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| **12H(7-19)** | 34 | 35.4 | 26.8 | 8.3 | 1 | 3 | 1 | 7 | 12 | 6 | 2 | 1 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 40 | 34.7 | 25.8 | 8.6 | 2 | 4 | 2 | 7 | 15 | 6 | 2 | 1 | 1 | 0 | 0 | 0 |
| **AM Peak** | 05:00 | 09:00 | 11:00 | 09:00 | 08:00 | 05:00 | 05:00 | 07:00 | 09:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **2** | **31.0** | **27.5** | **10.6** | **1** | **1** | **1** | **1** | **1** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 17:00 | 15:00 | 15:00 | 20:00 | 20:00 | 18:00 | 12:00 | 16:00 | 17:00 | 13:00 | 15:00 | 13:00 | 15:00 | 12:00 | 12:00 | 12:00 |
| | **6** | **44.9** | **35.0** | **13.8** | **1** | **1** | **0** | **2** | **3** | **2** | **1** | **1** | **1** | **0** | **0** | **0** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<15 | Bin 3 15<20 | Bin 4 20<25 | Bin 5 25<30 | Bin 6 30<35 | Bin 7 35<40 | Bin 8 40<45 | Bin 9 45<50 | Bin 10 50<55 | Bin 11 55<60 | Bin 12 >=60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 2 | 18.7 | 15.0 | 3.5 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **06:00** | 1 | - | 22.5 | - | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **07:00** | 6 | 32.8 | 23.3 | 9.2 | 0 | 2 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **08:00** | 3 | 22.0 | 14.3 | 7.4 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **09:00** | 4 | 24.0 | 16.3 | 7.5 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **10:00** | 4 | 26.2 | 21.3 | 4.8 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **11:00** | 4 | 29.8 | 22.5 | 7.1 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **12:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **13:00** | 7 | 36.5 | 23.9 | 12.1 | 0 | 3 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| **14:00** | 5 | 32.8 | 28.5 | 4.2 | 0 | 0 | 0 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **15:00** | 4 | 44.9 | 35.0 | 9.6 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| **16:00** | 8 | 35.3 | 26.3 | 8.8 | 0 | 1 | 0 | 3 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **17:00** | 9 | 33.5 | 28.1 | 5.3 | 0 | 0 | 0 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **18:00** | 7 | 28.2 | 19.0 | 8.9 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **19:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **20:00** | 3 | 36.1 | 22.7 | 12.9 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **21:00** | 2 | 27.5 | 27.5 | 0.0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **22:00** | 1 | - | 27.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 8 | 27.7 | 21.9 | 5.6 | 0 | 1 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2H(14-16)** | 9 | 39.1 | 31.4 | 7.4 | 0 | 0 | 0 | 1 | 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| **12H(7-19)** | 62 | 33.4 | 24.1 | 9.0 | 2 | 13 | 3 | 13 | 16 | 10 | 2 | 2 | 1 | 0 | 0 | 0 |
| **24H(0-24)** | 71 | 33.1 | 23.9 | 8.8 | 3 | 14 | 4 | 14 | 20 | 11 | 2 | 2 | 1 | 0 | 0 | 0 |
| **AM Peak** | 07:00 | 07:00 | 07:00 | 07:00 | 08:00 | 09:00 | 10:00 | 06:00 | 11:00 | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| | **6** | **32.8** | **23.3** | **9.2** | **1** | **3** | **2** | **1** | **2** | **2** | **0** | **0** | **0** | **0** | **0** | **0** |
| **PM Peak** | 17:00 | 15:00 | 15:00 | 20:00 | 18:00 | 13:00 | 18:00 | 16:00 | 17:00 | 13:00 | 15:00 | 13:00 | 15:00 | 12:00 | 12:00 | 12:00 |
| | **9** | **44.9** | **35.0** | **12.9** | **1** | **3** | **1** | **3** | **3** | **2** | **1** | **1** | **1** | **0** | **0** | **0** |

## Tween Bridge ATC 12, A18 High Levels Bank



**Direction: Eastbound**

| Hour Beginning | Tue 06/06/2023 | Wed 07/06/2023 | Thu 08/06/2023 | Fri 09/06/2023 | Sat 10/06/2023 | Sun 11/06/2023 | Mon 12/06/2023 | 5-Day Ave. | 7-Day Ave. |
|---|---|---|---|---|---|---|---|---|---|
| 00:00 | 7 | 15 | 13 | 15 | 27 | 27 | 8 | 12 | 16 |
| 01:00 | 2 | 3 | 5 | 8 | 10 | 17 | 9 | 5 | 8 |
| 02:00 | 8 | 6 | 10 | 6 | 10 | 7 | 11 | 8 | 8 |
| 03:00 | 10 | 11 | 14 | 20 | 7 | 6 | 16 | 14 | 12 |
| 04:00 | 16 | 16 | 21 | 24 | 8 | 7 | 26 | 21 | 17 |
| 05:00 | 121 | 120 | 111 | 103 | 47 | 27 | 122 | 115 | 93 |
| 06:00 | 193 | 178 | 197 | 170 | 62 | 53 | 165 | 181 | 145 |
| 07:00 | 389 | 386 | 386 | 388 | 146 | 134 | 365 | 383 | 313 |
| 08:00 | 369 | 373 | 364 | 336 | 251 | 132 | 394 | 367 | 317 |
| 09:00 | 260 | 276 | 237 | 291 | 254 | 213 | 290 | 271 | 260 |
| 10:00 | 265 | 252 | 266 | 256 | 287 | 234 | 257 | 259 | 260 |
| 11:00 | 244 | 273 | 262 | 283 | 273 | 242 | 236 | 260 | 259 |
| 12:00 | 250 | 268 | 235 | 291 | 251 | 231 | 286 | 266 | 259 |
| 13:00 | 289 | 287 | 286 | 317 | 223 | 249 | 287 | 293 | 277 |
| 14:00 | 326 | 288 | 310 | 361 | 252 | 210 | 316 | 320 | 295 |
| 15:00 | 326 | 311 | 383 | 344 | 206 | 224 | 347 | 342 | 306 |
| 16:00 | 438 | 388 | 422 | 457 | 226 | 209 | 387 | 418 | 361 |
| 17:00 | 401 | 442 | 387 | 387 | 217 | 196 | 401 | 404 | 347 |
| 18:00 | 256 | 243 | 258 | 267 | 161 | 155 | 181 | 241 | 217 |
| 19:00 | 153 | 182 | 191 | 160 | 129 | 104 | 133 | 164 | 150 |
| 20:00 | 96 | 136 | 126 | 114 | 99 | 71 | 91 | 113 | 105 |
| 21:00 | 60 | 72 | 87 | 92 | 58 | 55 | 62 | 75 | 69 |
| 22:00 | 44 | 39 | 40 | 52 | 51 | 43 | 35 | 42 | 43 |
| 23:00 | 14 | 9 | 29 | 26 | 28 | 16 | 19 | 19 | 20 |
| **Total** | | | | | | | | | |
| 12H(7-19) | 3813 | 3787 | 3796 | 3978 | 2747 | 2429 | 3747 | 3824 | 3471 |
| 16H(6-22) | 4315 | 4355 | 4397 | 4514 | 3095 | 2712 | 4198 | 4356 | 3941 |
| 18H(6-24) | 4373 | 4403 | 4466 | 4592 | 3174 | 2771 | 4252 | 4417 | 4004 |
| 24H(0-24) | 4537 | 4574 | 4640 | 4768 | 3283 | 2862 | 4444 | 4593 | 4158 |
| AM Peak | 07:00 | 07:00 | 07:00 | 07:00 | 10:00 | 11:00 | 08:00 | 07:00 | 08:00 |
| | 389 | 386 | 386 | 388 | 287 | 242 | 394 | 383 | 317 |
| PM Peak | 16:00 | 17:00 | 16:00 | 16:00 | 14:00 | 13:00 | 17:00 | 16:00 | 16:00 |
| | 438 | 442 | 422 | 457 | 252 | 249 | 401 | 418 | 361 |

Paul Castle Associates

**Direction: Westbound**

| Hour Beginning | Tue 06/06/2023 | Wed 07/06/2023 | Thu 08/06/2023 | Fri 09/06/2023 | Sat 10/06/2023 | Sun 11/06/2023 | Mon 12/06/2023 | 5-Day Ave. | 7-Day Ave. |
|---|---|---|---|---|---|---|---|---|---|
| 00:00 | 4 | 3 | 4 | 8 | 10 | 14 | 7 | 5 | 7 |
| 01:00 | 1 | 2 | 4 | 6 | 2 | 5 | 5 | 4 | 4 |
| 02:00 | 5 | 6 | 6 | 5 | 3 | 3 | 6 | 6 | 5 |
| 03:00 | 8 | 13 | 15 | 8 | 7 | 1 | 14 | 12 | 9 |
| 04:00 | 41 | 44 | 39 | 52 | 9 | 4 | 54 | 46 | 35 |
| 05:00 | 111 | 105 | 111 | 127 | 35 | 20 | 129 | 117 | 91 |
| 06:00 | 204 | 207 | 183 | 175 | 55 | 32 | 218 | 197 | 153 |
| 07:00 | 341 | 337 | 353 | 323 | 139 | 63 | 328 | 336 | 269 |
| 08:00 | 324 | 290 | 311 | 291 | 162 | 84 | 289 | 301 | 250 |
| 09:00 | 229 | 195 | 253 | 219 | 227 | 145 | 237 | 227 | 215 |
| 10:00 | 200 | 224 | 196 | 255 | 236 | 180 | 183 | 212 | 211 |
| 11:00 | 210 | 233 | 217 | 240 | 235 | 233 | 249 | 230 | 231 |
| 12:00 | 209 | 236 | 208 | 241 | 221 | 202 | 183 | 215 | 214 |
| 13:00 | 203 | 180 | 209 | 233 | 196 | 244 | 209 | 207 | 211 |
| 14:00 | 231 | 239 | 250 | 259 | 214 | 193 | 271 | 250 | 237 |
| 15:00 | 295 | 271 | 258 | 319 | 186 | 204 | 289 | 286 | 260 |
| 16:00 | 306 | 314 | 353 | 306 | 176 | 189 | 335 | 323 | 283 |
| 17:00 | 310 | 310 | 325 | 309 | 192 | 202 | 309 | 313 | 280 |
| 18:00 | 178 | 242 | 179 | 196 | 154 | 173 | 171 | 193 | 185 |
| 19:00 | 98 | 105 | 101 | 120 | 98 | 101 | 104 | 106 | 104 |
| 20:00 | 63 | 89 | 74 | 79 | 51 | 72 | 60 | 73 | 70 |
| 21:00 | 61 | 45 | 56 | 69 | 61 | 39 | 61 | 58 | 56 |
| 22:00 | 25 | 32 | 38 | 34 | 36 | 19 | 28 | 31 | 30 |
| 23:00 | 13 | 12 | 19 | 19 | 11 | 8 | 19 | 16 | 14 |
| **Total** | | | | | | | | | |
| 12H(7-19) | 3036 | 3071 | 3112 | 3191 | 2338 | 2112 | 3053 | 3093 | 2845 |
| 16H(6-22) | 3462 | 3517 | 3526 | 3634 | 2603 | 2356 | 3496 | 3527 | 3228 |
| 18H(6-24) | 3500 | 3561 | 3583 | 3687 | 2650 | 2383 | 3543 | 3575 | 3272 |
| 24H(0-24) | 3670 | 3734 | 3762 | 3893 | 2716 | 2430 | 3758 | 3763 | 3423 |
| AM Peak | 07:00 | 07:00 | 07:00 | 07:00 | 10:00 | 11:00 | 07:00 | 07:00 | 07:00 |
| | 341 | 337 | 353 | 323 | 236 | 233 | 328 | 336 | 269 |
| PM Peak | 17:00 | 16:00 | 16:00 | 15:00 | 12:00 | 13:00 | 16:00 | 16:00 | 16:00 |
| | 310 | 314 | 353 | 319 | 221 | 244 | 335 | 323 | 283 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Tue 06/06/2023 | Wed 07/06/2023 | Thu 08/06/2023 | Fri 09/06/2023 | Sat 10/06/2023 | Sun 11/06/2023 | Mon 12/06/2023 | 5-Day Ave. | 7-Day Ave. |
|---|---|---|---|---|---|---|---|---|---|
| 00:00 | 11 | 18 | 17 | 23 | 37 | 41 | 15 | 17 | 23 |
| 01:00 | 3 | 5 | 9 | 14 | 12 | 22 | 14 | 9 | 11 |
| 02:00 | 13 | 12 | 16 | 11 | 13 | 10 | 17 | 14 | 13 |
| 03:00 | 18 | 24 | 29 | 28 | 14 | 7 | 30 | 26 | 21 |
| 04:00 | 57 | 60 | 60 | 76 | 17 | 11 | 80 | 67 | 52 |
| 05:00 | 232 | 225 | 222 | 230 | 82 | 47 | 251 | 232 | 184 |
| 06:00 | 397 | 385 | 380 | 345 | 117 | 85 | 383 | 378 | 299 |
| 07:00 | 730 | 723 | 739 | 711 | 285 | 197 | 693 | 719 | 583 |
| 08:00 | 693 | 663 | 675 | 627 | 413 | 216 | 683 | 668 | 567 |
| 09:00 | 489 | 471 | 490 | 510 | 481 | 358 | 527 | 497 | 475 |
| 10:00 | 465 | 476 | 462 | 511 | 523 | 414 | 440 | 471 | 470 |
| 11:00 | 454 | 506 | 479 | 523 | 508 | 475 | 485 | 489 | 490 |
| 12:00 | 459 | 504 | 443 | 532 | 472 | 433 | 469 | 481 | 473 |
| 13:00 | 492 | 467 | 495 | 550 | 419 | 493 | 496 | 500 | 487 |
| 14:00 | 557 | 527 | 560 | 620 | 466 | 403 | 587 | 570 | 531 |
| 15:00 | 621 | 582 | 641 | 663 | 392 | 428 | 636 | 629 | 566 |
| 16:00 | 744 | 702 | 775 | 763 | 402 | 398 | 722 | 741 | 644 |
| 17:00 | 711 | 752 | 712 | 696 | 409 | 398 | 710 | 716 | 627 |
| 18:00 | 434 | 485 | 437 | 463 | 315 | 328 | 352 | 434 | 402 |
| 19:00 | 251 | 287 | 292 | 280 | 227 | 205 | 237 | 269 | 254 |
| 20:00 | 159 | 225 | 200 | 193 | 150 | 143 | 151 | 186 | 174 |
| 21:00 | 121 | 117 | 143 | 161 | 119 | 94 | 123 | 133 | 125 |
| 22:00 | 69 | 71 | 78 | 86 | 87 | 62 | 63 | 73 | 74 |
| 23:00 | 27 | 21 | 48 | 45 | 39 | 24 | 38 | 36 | 35 |
| **Total** | | | | | | | | | |
| 12H(7-19) | 6849 | 6858 | 6908 | 7169 | 5085 | 4541 | 6800 | 6917 | 6316 |
| 16H(6-22) | 7777 | 7872 | 7923 | 8148 | 5698 | 5068 | 7694 | 7883 | 7169 |
| 18H(6-24) | 7873 | 7964 | 8049 | 8279 | 5824 | 5154 | 7795 | 7992 | 7277 |
| 24H(0-24) | 8207 | 8308 | 8402 | 8661 | 5999 | 5292 | 8202 | 8356 | 7582 |
| AM Peak | 07:00 | 07:00 | 07:00 | 07:00 | 10:00 | 11:00 | 07:00 | 07:00 | 07:00 |
| | 730 | 723 | 739 | 711 | 523 | 475 | 693 | 719 | 583 |
| PM Peak | 16:00 | 17:00 | 16:00 | 16:00 | 12:00 | 13:00 | 16:00 | 16:00 | 16:00 |
| | 744 | 752 | 775 | 763 | 472 | 493 | 722 | 741 | 644 |

Paul Castle Associates

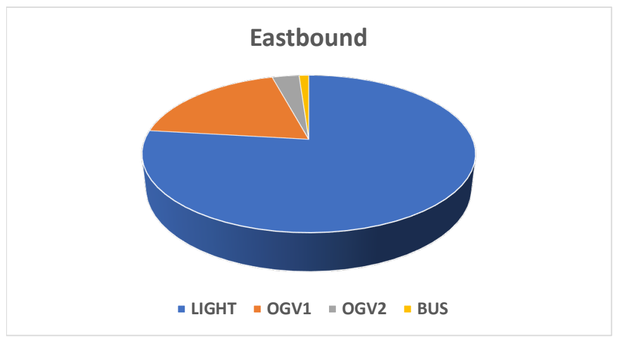
# Tween Bridge ATC 12, A18 High Levels Bank

Direction: Eastbound

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 4537 | 3389 | 945 | 151 | 52 |
| Wed 7 Jun 2023 | 4574 | 3465 | 867 | 176 | 66 |
| Thu 8 Jun 2023 | 4640 | 3535 | 869 | 180 | 56 |
| Fri 9 Jun 2023 | 4768 | 3641 | 920 | 161 | 46 |
| Sat 10 Jun 2023 | 3283 | 2758 | 480 | 30 | 15 |
| Sun 11 Jun 2023 | 2862 | 2340 | 467 | 20 | 35 |
| Mon 12 Jun 2023 | 4444 | 3244 | 953 | 191 | 56 |
| 5 Day Ave. | 4593 | 3455 | 911 | 172 | 55 |
| 7 Day Ave. | 4158 | 3196 | 786 | 130 | 47 |

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 100.0% | 74.7% | 20.8% | 3.3% | 1.1% |
| Wed 7 Jun 2023 | 100.0% | 75.8% | 19.0% | 3.8% | 1.4% |
| Thu 8 Jun 2023 | 100.0% | 76.2% | 18.7% | 3.9% | 1.2% |
| Fri 9 Jun 2023 | 100.0% | 76.4% | 19.3% | 3.4% | 1.0% |
| Sat 10 Jun 2023 | 100.0% | 84.0% | 14.6% | 0.9% | 0.5% |
| Sun 11 Jun 2023 | 100.0% | 81.8% | 16.3% | 0.7% | 1.2% |
| Mon 12 Jun 2023 | 100.0% | 73.0% | 21.4% | 4.3% | 1.3% |
| 5 Day Ave. | 100.0% | 75.2% | 19.8% | 3.7% | 1.2% |
| 7 Day Ave. | 100.0% | 76.9% | 18.9% | 3.1% | 1.1% |

Paul Castle Associates

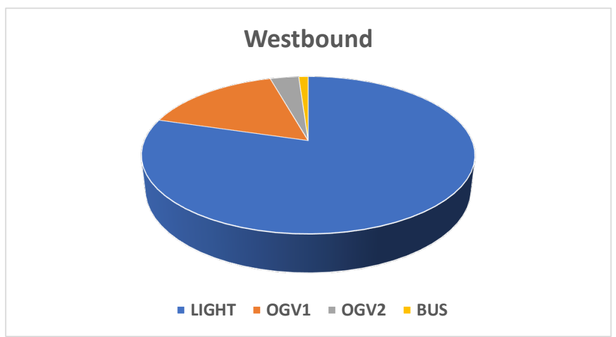



Direction: Westbound

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 3670 | 2834 | 651 | 137 | 48 |
| Wed 7 Jun 2023 | 3734 | 2891 | 611 | 183 | 49 |
| Thu 8 Jun 2023 | 3762 | 2905 | 663 | 146 | 48 |
| Fri 9 Jun 2023 | 3893 | 3109 | 626 | 116 | 42 |
| Sat 10 Jun 2023 | 2716 | 2367 | 318 | 15 | 16 |
| Sun 11 Jun 2023 | 2430 | 2085 | 310 | 17 | 18 |
| Mon 12 Jun 2023 | 3758 | 2876 | 661 | 180 | 41 |
| 5 Day Ave. | 3763 | 2923 | 642 | 152 | 46 |
| 7 Day Ave. | 3423 | 2724 | 549 | 113 | 37 |

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 100.0% | 77.2% | 17.7% | 3.7% | 1.3% |
| Wed 7 Jun 2023 | 100.0% | 77.4% | 16.4% | 4.9% | 1.3% |
| Thu 8 Jun 2023 | 100.0% | 77.2% | 17.6% | 3.9% | 1.3% |
| Fri 9 Jun 2023 | 100.0% | 79.9% | 16.1% | 3.0% | 1.1% |
| Sat 10 Jun 2023 | 100.0% | 87.2% | 11.7% | 0.6% | 0.6% |
| Sun 11 Jun 2023 | 100.0% | 85.8% | 12.8% | 0.7% | 0.7% |
| Mon 12 Jun 2023 | 100.0% | 76.5% | 17.6% | 4.8% | 1.1% |
| 5 Day Ave. | 100.0% | 77.7% | 17.1% | 4.0% | 1.2% |
| 7 Day Ave. | 100.0% | 79.6% | 16.0% | 3.3% | 1.1% |

Paul Castle Associates

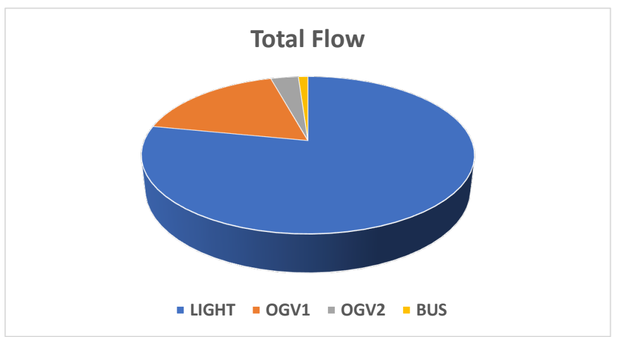



Direction: Total Flow

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 8207 | 6223 | 1596 | 288 | 100 |
| Wed 7 Jun 2023 | 8308 | 6356 | 1478 | 359 | 115 |
| Thu 8 Jun 2023 | 8402 | 6440 | 1532 | 326 | 104 |
| Fri 9 Jun 2023 | 8661 | 6750 | 1546 | 277 | 88 |
| Sat 10 Jun 2023 | 5999 | 5125 | 798 | 45 | 31 |
| Sun 11 Jun 2023 | 5292 | 4425 | 777 | 37 | 53 |
| Mon 12 Jun 2023 | 8202 | 6120 | 1614 | 371 | 97 |
| 5 Day Ave. | 8356 | 6378 | 1553 | 324 | 101 |
| 7 Day Ave. | 7582 | 5920 | 1334 | 243 | 84 |

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 100.0% | 75.8% | 19.4% | 3.5% | 1.2% |
| Wed 7 Jun 2023 | 100.0% | 76.5% | 17.8% | 4.3% | 1.4% |
| Thu 8 Jun 2023 | 100.0% | 76.6% | 18.2% | 3.9% | 1.2% |
| Fri 9 Jun 2023 | 100.0% | 77.9% | 17.9% | 3.2% | 1.0% |
| Sat 10 Jun 2023 | 100.0% | 85.4% | 13.3% | 0.8% | 0.5% |
| Sun 11 Jun 2023 | 100.0% | 83.6% | 14.7% | 0.7% | 1.0% |
| Mon 12 Jun 2023 | 100.0% | 74.6% | 19.7% | 4.5% | 1.2% |
| 5 Day Ave. | 100.0% | 76.3% | 18.6% | 3.9% | 1.2% |
| 7 Day Ave. | 100.0% | 78.1% | 17.6% | 3.2% | 1.1% |

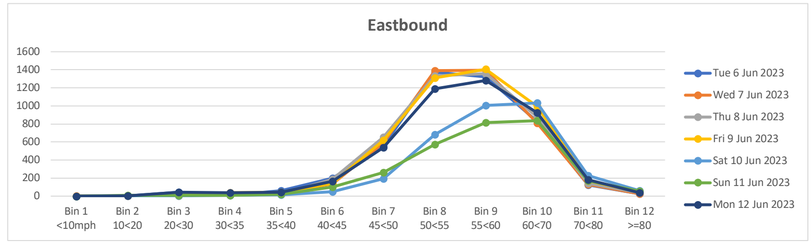
Paul Castle Associates



## Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

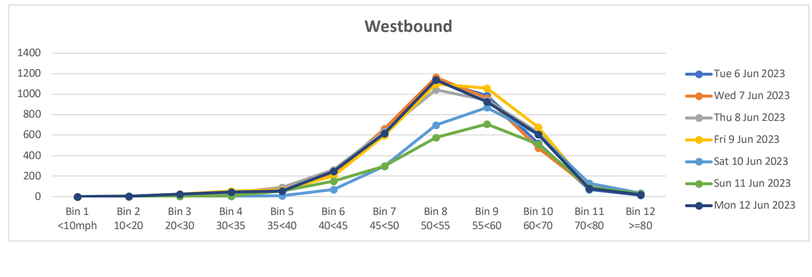
| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 4537 | 63.9 | 55.4 | 8.1 | 0 | 5 | 41 | 10 | 60 | 198 | 554 | 1373 | 1320 | 827 | 125 | 24 |
| Wed 7 Jun 2023 | 4574 | 63.7 | 55.7 | 7.7 | 1 | 3 | 7 | 40 | 40 | 138 | 592 | 1393 | 1395 | 808 | 129 | 28 |
| Thu 8 Jun 2023 | 4640 | 64.1 | 55.9 | 7.9 | 0 | 3 | 18 | 8 | 23 | 188 | 653 | 1332 | 1357 | 879 | 142 | 37 |
| Fri 9 Jun 2023 | 4768 | 64.8 | 56.4 | 8.1 | 0 | 1 | 3 | 40 | 41 | 139 | 622 | 1310 | 1406 | 991 | 169 | 46 |
| Sat 10 Jun 2023 | 3283 | 68.1 | 59.5 | 8.3 | 0 | 3 | 3 | 10 | 13 | 51 | 194 | 684 | 1006 | 1032 | 228 | 59 |
| Sun 11 Jun 2023 | 2862 | 67.8 | 58.4 | 9.1 | 0 | 7 | 8 | 9 | 22 | 100 | 263 | 576 | 816 | 836 | 172 | 53 |
| Mon 12 Jun 2023 | 4444 | 65.3 | 56.2 | 8.7 | 0 | 1 | 41 | 37 | 41 | 163 | 539 | 1189 | 1282 | 927 | 184 | 40 |
| 5 Day Ave. | 4593 | 64.4 | 56.0 | 8.1 | 0 | 3 | 22 | 27 | 41 | 165 | 592 | 1319 | 1352 | 886 | 150 | 35 |
| 7 Day Ave. | 4158 | 65.4 | 56.8 | 8.3 | 0 | 3 | 17 | 22 | 34 | 140 | 488 | 1122 | 1226 | 900 | 164 | 41 |






**Direction: Westbound**

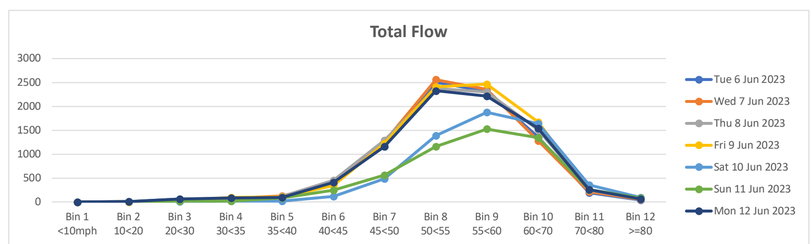
| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 3670 | 62.4 | 54.2 | 7.9 | 0 | 4 | 22 | 22 | 54 | 232 | 610 | 1130 | 988 | 523 | 70 | 15 |
| Wed 7 Jun 2023 | 3734 | 62.3 | 54.0 | 8.1 | 0 | 3 | 9 | 35 | 88 | 225 | 661 | 1164 | 962 | 476 | 88 | 23 |
| Thu 8 Jun 2023 | 3762 | 63.3 | 54.6 | 8.4 | 0 | 1 | 12 | 17 | 87 | 263 | 637 | 1042 | 942 | 628 | 106 | 27 |
| Fri 9 Jun 2023 | 3893 | 63.5 | 54.8 | 8.4 | 0 | 0 | 22 | 54 | 66 | 200 | 598 | 1099 | 1058 | 680 | 91 | 25 |
| Sat 10 Jun 2023 | 2716 | 65.6 | 57.4 | 7.9 | 0 | 0 | 5 | 5 | 6 | 68 | 296 | 699 | 869 | 606 | 131 | 31 |
| Sun 11 Jun 2023 | 2430 | 65.2 | 56.1 | 8.8 | 0 | 2 | 5 | 7 | 56 | 148 | 297 | 578 | 708 | 511 | 89 | 29 |
| Mon 12 Jun 2023 | 3758 | 62.8 | 54.3 | 8.3 | 0 | 3 | 23 | 45 | 55 | 245 | 615 | 1139 | 928 | 609 | 78 | 18 |
| 5 Day Ave. | 3763 | 62.9 | 54.4 | 8.2 | 0 | 2 | 18 | 35 | 70 | 233 | 624 | 1115 | 976 | 583 | 87 | 22 |
| 7 Day Ave. | 3423 | 63.6 | 55.1 | 8.2 | 0 | 2 | 14 | 26 | 59 | 197 | 531 | 979 | 922 | 576 | 93 | 24 |






**Direction: Total Flow**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 8207 | 63.2 | 54.9 | 8.1 | 0 | 9 | 63 | 32 | 114 | 430 | 1164 | 2503 | 2308 | 1350 | 195 | 39 |
| Wed 7 Jun 2023 | 8308 | 63.2 | 54.9 | 7.9 | 1 | 6 | 16 | 75 | 128 | 363 | 1253 | 2557 | 2357 | 1284 | 217 | 51 |
| Thu 8 Jun 2023 | 8402 | 63.8 | 55.3 | 8.2 | 0 | 4 | 30 | 25 | 110 | 451 | 1290 | 2374 | 2299 | 1507 | 248 | 64 |
| Fri 9 Jun 2023 | 8661 | 64.2 | 55.7 | 8.2 | 0 | 1 | 25 | 94 | 107 | 339 | 1220 | 2409 | 2464 | 1671 | 260 | 71 |
| Sat 10 Jun 2023 | 5999 | 67.1 | 58.6 | 8.2 | 0 | 3 | 8 | 15 | 19 | 119 | 490 | 1383 | 1875 | 1638 | 359 | 90 |
| Sun 11 Jun 2023 | 5292 | 66.7 | 57.3 | 9.0 | 0 | 9 | 13 | 16 | 78 | 248 | 560 | 1154 | 1524 | 1347 | 261 | 82 |
| Mon 12 Jun 2023 | 8202 | 64.2 | 55.3 | 8.6 | 0 | 4 | 64 | 82 | 96 | 408 | 1154 | 2328 | 2210 | 1536 | 262 | 58 |
| 5 Day Ave. | 8356 | 63.7 | 55.2 | 8.2 | 0 | 5 | 40 | 62 | 111 | 398 | 1216 | 2434 | 2328 | 1470 | 236 | 57 |
| 7 Day Ave. | 7582 | 64.6 | 56.0 | 8.3 | 0 | 5 | 31 | 48 | 93 | 337 | 1019 | 2101 | 2148 | 1476 | 257 | 65 |



# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 509 | 61.3 | 53.5 | 7.5 | 0 | 0 | 2 | 2 | 13 | 35 | 86 | 185 | 118 | 57 | 9 | 2 |
| Wed 7 Jun 2023 | 525 | 61.1 | 52.8 | 8.0 | 0 | 3 | 5 | 13 | 8 | 22 | 83 | 200 | 141 | 44 | 4 | 2 |
| Thu 8 Jun 2023 | 528 | 60.4 | 53.4 | 6.8 | 0 | 0 | 0 | 0 | 2 | 37 | 119 | 200 | 100 | 62 | 6 | 2 |
| Fri 9 Jun 2023 | 539 | 61.9 | 54.8 | 6.9 | 0 | 0 | 0 | 1 | 8 | 23 | 78 | 183 | 158 | 78 | 9 | 1 |
| Sat 10 Jun 2023 | 560 | 66.8 | 59.1 | 7.4 | 0 | 0 | 1 | 0 | 0 | 7 | 30 | 130 | 175 | 190 | 18 | 9 |
| Sun 11 Jun 2023 | 476 | 65.3 | 56.1 | 8.9 | 0 | 2 | 2 | 3 | 2 | 23 | 76 | 107 | 128 | 113 | 15 | 5 |
| Mon 12 Jun 2023 | 493 | 62.0 | 54.9 | 6.8 | 0 | 0 | 1 | 2 | 2 | 17 | 71 | 173 | 155 | 59 | 12 | 1 |
| 5 Day Ave. | 519 | 61.3 | 53.9 | 7.2 | 0 | 1 | 2 | 4 | 7 | 27 | 87 | 188 | 134 | 60 | 8 | 2 |
| 7 Day Ave. | 519 | 62.7 | 54.9 | 7.5 | 0 | 1 | 2 | 3 | 5 | 23 | 78 | 168 | 139 | 86 | 10 | 3 |

**Paul Castle Associates**

**Direction: Westbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 410 | 60.7 | 52.6 | 7.8 | 0 | 0 | 3 | 9 | 5 | 44 | 76 | 125 | 90 | 57 | 1 | 0 |
| Wed 7 Jun 2023 | 457 | 60.0 | 51.9 | 7.8 | 0 | 2 | 1 | 5 | 21 | 35 | 90 | 170 | 98 | 28 | 4 | 3 |
| Thu 8 Jun 2023 | 413 | 60.3 | 52.1 | 8.0 | 0 | 0 | 5 | 2 | 16 | 36 | 101 | 116 | 88 | 46 | 1 | 2 |
| Fri 9 Jun 2023 | 495 | 62.0 | 53.1 | 8.5 | 0 | 0 | 0 | 10 | 8 | 60 | 99 | 127 | 110 | 70 | 6 | 5 |
| Sat 10 Jun 2023 | 471 | 64.6 | 56.5 | 7.8 | 0 | 0 | 0 | 2 | 0 | 23 | 61 | 117 | 155 | 87 | 24 | 2 |
| Sun 11 Jun 2023 | 413 | 63.8 | 55.7 | 7.8 | 0 | 0 | 1 | 1 | 4 | 16 | 64 | 117 | 122 | 75 | 8 | 5 |
| Mon 12 Jun 2023 | 432 | 60.3 | 52.8 | 7.2 | 0 | 0 | 0 | 1 | 7 | 31 | 115 | 146 | 79 | 45 | 6 | 2 |
| 5 Day Ave. | 441 | 60.6 | 52.5 | 7.9 | 0 | 0 | 2 | 5 | 11 | 41 | 96 | 137 | 93 | 49 | 4 | 2 |
| 7 Day Ave. | 442 | 61.7 | 53.5 | 7.9 | 0 | 0 | 1 | 4 | 9 | 35 | 87 | 131 | 106 | 58 | 7 | 3 |

**Paul Castle Associates**

**Direction: Total Flow**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 919 | 61.0 | 53.1 | 7.7 | 0 | 0 | 5 | 11 | 18 | 79 | 162 | 310 | 208 | 114 | 10 | 2 |
| Wed 7 Jun 2023 | 982 | 60.6 | 52.4 | 7.9 | 0 | 5 | 6 | 18 | 29 | 57 | 173 | 370 | 239 | 72 | 8 | 5 |
| Thu 8 Jun 2023 | 941 | 60.4 | 52.8 | 7.3 | 0 | 0 | 5 | 2 | 18 | 73 | 220 | 316 | 188 | 108 | 7 | 4 |
| Fri 9 Jun 2023 | 1034 | 62.0 | 54.0 | 7.8 | 0 | 0 | 0 | 11 | 16 | 83 | 177 | 310 | 268 | 148 | 15 | 6 |
| Sat 10 Jun 2023 | 1031 | 65.9 | 57.9 | 7.7 | 0 | 0 | 1 | 2 | 0 | 30 | 91 | 247 | 330 | 277 | 42 | 11 |
| Sun 11 Jun 2023 | 889 | 64.6 | 55.9 | 8.4 | 0 | 2 | 3 | 4 | 6 | 39 | 140 | 224 | 250 | 188 | 23 | 10 |
| Mon 12 Jun 2023 | 925 | 61.3 | 53.9 | 7.0 | 0 | 0 | 1 | 3 | 9 | 48 | 186 | 319 | 234 | 104 | 18 | 3 |
| 5 Day Ave. | 960 | 61.1 | 53.2 | 7.6 | 0 | 1 | 3 | 9 | 18 | 68 | 184 | 325 | 227 | 109 | 12 | 4 |
| 7 Day Ave. | 960 | 62.3 | 54.3 | 7.7 | 0 | 1 | 3 | 7 | 14 | 58 | 164 | 299 | 245 | 144 | 18 | 6 |

**Paul Castle Associates**

# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 652 | 62.2 | 53.1 | 8.7 | 0 | 0 | 21 | 2 | 15 | 38 | 105 | 206 | 166 | 89 | 10 | 0 |
| Wed 7 Jun 2023 | 599 | 61.5 | 54.5 | 6.8 | 0 | 0 | 0 | 4 | 4 | 32 | 84 | 217 | 171 | 76 | 10 | 1 |
| Thu 8 Jun 2023 | 693 | 63.2 | 54.4 | 8.5 | 0 | 1 | 13 | 1 | 2 | 30 | 153 | 173 | 186 | 114 | 18 | 2 |
| Fri 9 Jun 2023 | 705 | 63.5 | 55.1 | 8.1 | 0 | 0 | 0 | 19 | 6 | 21 | 100 | 229 | 190 | 118 | 16 | 6 |
| Sat 10 Jun 2023 | 458 | 68.0 | 59.8 | 7.9 | 0 | 0 | 0 | 0 | 0 | 10 | 27 | 79 | 155 | 147 | 32 | 8 |
| Sun 11 Jun 2023 | 434 | 67.2 | 58.1 | 8.7 | 0 | 1 | 4 | 0 | 7 | 7 | 25 | 96 | 150 | 116 | 22 | 6 |
| Mon 12 Jun 2023 | 663 | 62.6 | 53.8 | 8.5 | 0 | 0 | 13 | 2 | 12 | 40 | 125 | 171 | 192 | 94 | 11 | 3 |
| 5 Day Ave. | 662 | 62.6 | 54.2 | 8.1 | 0 | 0 | 9 | 6 | 8 | 32 | 113 | 199 | 181 | 98 | 13 | 2 |
| 7 Day Ave. | 601 | 64.0 | 55.6 | 8.2 | 0 | 0 | 7 | 4 | 7 | 25 | 88 | 167 | 173 | 108 | 17 | 4 |

**Paul Castle Associates**

**Direction: Westbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 526 | 60.3 | 53.3 | 6.7 | 0 | 0 | 0 | 0 | 6 | 34 | 122 | 178 | 126 | 52 | 6 | 2 |
| Wed 7 Jun 2023 | 510 | 60.0 | 52.5 | 7.2 | 0 | 0 | 0 | 8 | 16 | 34 | 106 | 182 | 109 | 50 | 4 | 1 |
| Thu 8 Jun 2023 | 508 | 61.9 | 53.6 | 8.0 | 0 | 1 | 0 | 0 | 11 | 61 | 79 | 154 | 122 | 67 | 11 | 2 |
| Fri 9 Jun 2023 | 578 | 62.6 | 53.6 | 8.7 | 0 | 0 | 7 | 26 | 7 | 16 | 95 | 172 | 167 | 77 | 8 | 3 |
| Sat 10 Jun 2023 | 400 | 64.9 | 57.2 | 7.5 | 0 | 0 | 0 | 0 | 3 | 8 | 34 | 126 | 123 | 90 | 10 | 6 |
| Sun 11 Jun 2023 | 397 | 64.8 | 55.0 | 9.5 | 0 | 0 | 0 | 1 | 25 | 36 | 42 | 91 | 115 | 61 | 23 | 3 |
| Mon 12 Jun 2023 | 560 | 59.4 | 51.6 | 7.5 | 0 | 0 | 0 | 13 | 14 | 72 | 119 | 183 | 104 | 51 | 2 | 2 |
| 5 Day Ave. | 536 | 60.8 | 52.9 | 7.6 | 0 | 0 | 1 | 9 | 11 | 43 | 104 | 174 | 126 | 59 | 6 | 2 |
| 7 Day Ave. | 497 | 62.0 | 53.8 | 7.9 | 0 | 0 | 1 | 7 | 12 | 37 | 85 | 155 | 124 | 64 | 9 | 3 |

**Paul Castle Associates**

**Direction: Total Flow**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 1178 | 61.4 | 53.2 | 7.9 | 0 | 0 | 21 | 2 | 21 | 72 | 227 | 384 | 292 | 141 | 16 | 2 |
| Wed 7 Jun 2023 | 1109 | 60.9 | 53.6 | 7.1 | 0 | 0 | 0 | 12 | 20 | 66 | 190 | 399 | 280 | 126 | 14 | 2 |
| Thu 8 Jun 2023 | 1201 | 62.7 | 54.1 | 8.3 | 0 | 2 | 13 | 1 | 13 | 91 | 232 | 327 | 308 | 181 | 29 | 4 |
| Fri 9 Jun 2023 | 1283 | 63.1 | 54.4 | 8.4 | 0 | 0 | 7 | 45 | 13 | 37 | 195 | 401 | 357 | 195 | 24 | 9 |
| Sat 10 Jun 2023 | 858 | 66.7 | 58.6 | 7.8 | 0 | 0 | 0 | 0 | 3 | 18 | 61 | 205 | 278 | 237 | 42 | 14 |
| Sun 11 Jun 2023 | 831 | 66.2 | 56.6 | 9.2 | 0 | 1 | 4 | 1 | 32 | 43 | 67 | 187 | 265 | 177 | 45 | 9 |
| Mon 12 Jun 2023 | 1223 | 61.2 | 52.8 | 8.1 | 0 | 0 | 13 | 15 | 26 | 112 | 244 | 354 | 296 | 145 | 13 | 5 |
| 5 Day Ave. | 1199 | 61.9 | 53.6 | 8.0 | 0 | 0 | 11 | 15 | 19 | 76 | 218 | 373 | 307 | 158 | 19 | 4 |
| 7 Day Ave. | 1098 | 63.2 | 54.8 | 8.1 | 0 | 0 | 8 | 11 | 18 | 63 | 174 | 322 | 297 | 172 | 26 | 6 |

**Paul Castle Associates**

# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

**06/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 7 | 7 | 0 | 0 | 0 |
| 01:00 | 2 | 1 | 1 | 0 | 0 |
| 02:00 | 8 | 7 | 1 | 0 | 0 |
| 03:00 | 10 | 6 | 2 | 2 | 0 |
| 04:00 | 16 | 12 | 3 | 0 | 1 |
| 05:00 | 121 | 110 | 9 | 2 | 0 |
| 06:00 | 193 | 149 | 37 | 4 | 3 |
| 07:00 | 389 | 307 | 74 | 6 | 2 |
| 08:00 | 369 | 260 | 90 | 13 | 6 |
| 09:00 | 260 | 171 | 68 | 14 | 7 |
| 10:00 | 265 | 179 | 66 | 14 | 6 |
| 11:00 | 244 | 164 | 64 | 11 | 5 |
| 12:00 | 250 | 172 | 64 | 11 | 3 |
| 13:00 | 289 | 202 | 78 | 7 | 2 |
| 14:00 | 326 | 242 | 66 | 12 | 6 |
| 15:00 | 326 | 226 | 83 | 15 | 2 |
| 16:00 | 438 | 345 | 72 | 17 | 4 |
| 17:00 | 401 | 331 | 56 | 14 | 0 |
| 18:00 | 256 | 202 | 47 | 5 | 2 |
| 19:00 | 153 | 129 | 23 | 0 | 1 |
| 20:00 | 96 | 73 | 21 | 2 | 0 |
| 21:00 | 60 | 47 | 11 | 1 | 1 |
| 22:00 | 44 | 34 | 8 | 1 | 1 |
| 23:00 | 14 | 13 | 1 | 0 | 0 |
| Total 12H(7-19) | 3813 | 2801 | 828 | 139 | 45 |
| 16H(6-22) | 4315 | 3199 | 920 | 146 | 50 |
| 18H(6-24) | 4373 | 3246 | 929 | 147 | 51 |
| 24H(0-24) | 4537 | 3389 | 945 | 151 | 52 |
| AM Peak | 07:00 | 07:00 | 08:00 | 09:00 | 09:00 |
| | 389 | 307 | 90 | 14 | 7 |
| PM Peak | 16:00 | 16:00 | 15:00 | 16:00 | 14:00 |
| | 438 | 345 | 83 | 17 | 6 |

Paul Castle Associates

**Direction: Westbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 4 | 3 | 0 | 1 | 0 |
| 01:00 | 1 | 1 | 0 | 0 | 0 |
| 02:00 | 5 | 4 | 1 | 0 | 0 |
| 03:00 | 8 | 6 | 0 | 2 | 0 |
| 04:00 | 41 | 25 | 8 | 7 | 1 |
| 05:00 | 111 | 90 | 7 | 14 | 0 |
| 06:00 | 204 | 149 | 34 | 16 | 5 |
| 07:00 | 341 | 274 | 54 | 12 | 1 |
| 08:00 | 324 | 267 | 45 | 9 | 3 |
| 09:00 | 229 | 148 | 67 | 12 | 2 |
| 10:00 | 200 | 137 | 48 | 12 | 3 |
| 11:00 | 210 | 150 | 50 | 6 | 4 |
| 12:00 | 209 | 155 | 43 | 7 | 4 |
| 13:00 | 203 | 126 | 52 | 16 | 9 |
| 14:00 | 231 | 175 | 49 | 5 | 2 |
| 15:00 | 295 | 222 | 60 | 8 | 5 |
| 16:00 | 306 | 240 | 57 | 3 | 6 |
| 17:00 | 310 | 277 | 29 | 3 | 1 |
| 18:00 | 178 | 158 | 19 | 1 | 0 |
| 19:00 | 98 | 84 | 13 | 1 | 0 |
| 20:00 | 63 | 55 | 7 | 0 | 1 |
| 21:00 | 61 | 56 | 5 | 0 | 0 |
| 22:00 | 25 | 22 | 2 | 1 | 0 |
| 23:00 | 13 | 10 | 1 | 1 | 1 |
| Total 12H(7-19) | 3036 | 2329 | 573 | 94 | 40 |
| 16H(6-22) | 3462 | 2673 | 632 | 111 | 46 |
| 18H(6-24) | 3500 | 2705 | 635 | 113 | 47 |
| 24H(0-24) | 3670 | 2834 | 651 | 137 | 48 |
| AM Peak | 07:00 | 07:00 | 09:00 | 06:00 | 06:00 |
| | 341 | 274 | 67 | 16 | 5 |
| PM Peak | 17:00 | 17:00 | 15:00 | 13:00 | 13:00 |
| | 310 | 277 | 60 | 16 | 9 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 11 | 10 | 0 | 1 | 0 |
| 01:00 | 3 | 2 | 1 | 0 | 0 |
| 02:00 | 13 | 11 | 2 | 0 | 0 |
| 03:00 | 18 | 12 | 2 | 4 | 0 |
| 04:00 | 57 | 37 | 11 | 7 | 2 |
| 05:00 | 232 | 200 | 16 | 16 | 0 |
| 06:00 | 397 | 298 | 71 | 20 | 8 |
| 07:00 | 730 | 581 | 128 | 18 | 3 |
| 08:00 | 693 | 527 | 135 | 22 | 9 |
| 09:00 | 489 | 319 | 135 | 26 | 9 |
| 10:00 | 465 | 316 | 114 | 26 | 9 |
| 11:00 | 454 | 314 | 114 | 17 | 9 |
| 12:00 | 459 | 327 | 107 | 18 | 7 |
| 13:00 | 492 | 328 | 130 | 23 | 11 |
| 14:00 | 557 | 417 | 115 | 17 | 8 |
| 15:00 | 621 | 448 | 143 | 23 | 7 |
| 16:00 | 744 | 585 | 129 | 20 | 10 |
| 17:00 | 711 | 608 | 85 | 17 | 1 |
| 18:00 | 434 | 360 | 66 | 6 | 2 |
| 19:00 | 251 | 213 | 36 | 1 | 1 |
| 20:00 | 159 | 128 | 28 | 2 | 1 |
| 21:00 | 121 | 103 | 16 | 1 | 1 |
| 22:00 | 69 | 56 | 10 | 2 | 1 |
| 23:00 | 27 | 23 | 2 | 1 | 1 |
| Total 12H(7-19) | 6849 | 5130 | 1401 | 233 | 85 |
| 16H(6-22) | 7777 | 5872 | 1552 | 257 | 96 |
| 18H(6-24) | 7873 | 5951 | 1564 | 260 | 98 |
| 24H(0-24) | 8207 | 6223 | 1596 | 288 | 100 |
| AM Peak | 07:00 | 07:00 | 08:00 | 09:00 | 08:00 |
| | 730 | 581 | 135 | 26 | 9 |
| PM Peak | 16:00 | 17:00 | 15:00 | 13:00 | 13:00 |
| | 744 | 608 | 143 | 23 | 11 |

Paul Castle Associates

# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

**07/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 15 | 12 | 2 | 0 | 1 |
| 01:00 | 3 | 1 | 2 | 0 | 0 |
| 02:00 | 6 | 5 | 1 | 0 | 0 |
| 03:00 | 11 | 7 | 2 | 2 | 0 |
| 04:00 | 16 | 15 | 1 | 0 | 0 |
| 05:00 | 120 | 110 | 8 | 2 | 0 |
| 06:00 | 178 | 140 | 32 | 5 | 1 |
| 07:00 | 386 | 311 | 63 | 7 | 5 |
| 08:00 | 373 | 286 | 70 | 9 | 8 |
| 09:00 | 276 | 192 | 66 | 10 | 8 |
| 10:00 | 252 | 174 | 58 | 14 | 6 |
| 11:00 | 273 | 183 | 67 | 19 | 4 |
| 12:00 | 268 | 184 | 64 | 12 | 8 |
| 13:00 | 287 | 205 | 64 | 12 | 6 |
| 14:00 | 288 | 211 | 48 | 23 | 6 |
| 15:00 | 311 | 203 | 78 | 26 | 4 |
| 16:00 | 388 | 306 | 61 | 18 | 3 |
| 17:00 | 442 | 365 | 70 | 7 | 0 |
| 18:00 | 243 | 193 | 44 | 2 | 4 |
| 19:00 | 182 | 143 | 33 | 5 | 1 |
| 20:00 | 136 | 120 | 13 | 3 | 0 |
| 21:00 | 72 | 59 | 13 | 0 | 0 |
| 22:00 | 39 | 33 | 6 | 0 | 0 |
| 23:00 | 9 | 7 | 1 | 0 | 1 |
| Total | | | | | |
| 12H(7-19) | 3787 | 2813 | 753 | 159 | 62 |
| 16H(6-22) | 4355 | 3275 | 844 | 172 | 64 |
| 18H(6-24) | 4403 | 3315 | 851 | 172 | 65 |
| 24H(0-24) | 4574 | 3465 | 867 | 176 | 66 |
| AM Peak | 07:00 | 07:00 | 08:00 | 11:00 | 08:00 |
| | 386 | 311 | 70 | 19 | 8 |
| PM Peak | 17:00 | 17:00 | 15:00 | 15:00 | 12:00 |
| | 442 | 365 | 78 | 26 | 8 |

Paul Castle Associates

**Direction: Westbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 3 | 3 | 0 | 0 | 0 |
| 01:00 | 2 | 1 | 0 | 0 | 1 |
| 02:00 | 6 | 6 | 0 | 0 | 0 |
| 03:00 | 13 | 9 | 1 | 3 | 0 |
| 04:00 | 44 | 33 | 2 | 9 | 0 |
| 05:00 | 105 | 79 | 7 | 17 | 2 |
| 06:00 | 207 | 140 | 43 | 19 | 5 |
| 07:00 | 337 | 276 | 43 | 15 | 3 |
| 08:00 | 290 | 238 | 42 | 8 | 2 |
| 09:00 | 195 | 142 | 37 | 14 | 2 |
| 10:00 | 224 | 160 | 48 | 15 | 1 |
| 11:00 | 233 | 166 | 49 | 14 | 4 |
| 12:00 | 236 | 160 | 53 | 13 | 10 |
| 13:00 | 180 | 121 | 45 | 12 | 2 |
| 14:00 | 239 | 182 | 42 | 12 | 3 |
| 15:00 | 271 | 204 | 54 | 7 | 6 |
| 16:00 | 314 | 258 | 37 | 13 | 6 |
| 17:00 | 310 | 266 | 37 | 6 | 1 |
| 18:00 | 242 | 207 | 30 | 5 | 0 |
| 19:00 | 105 | 93 | 11 | 0 | 1 |
| 20:00 | 89 | 71 | 17 | 1 | 0 |
| 21:00 | 45 | 39 | 6 | 0 | 0 |
| 22:00 | 32 | 29 | 3 | 0 | 0 |
| 23:00 | 12 | 8 | 4 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 3071 | 2380 | 517 | 134 | 40 |
| 16H(6-22) | 3517 | 2723 | 594 | 154 | 46 |
| 18H(6-24) | 3561 | 2760 | 601 | 154 | 46 |
| 24H(0-24) | 3734 | 2891 | 611 | 183 | 49 |
| AM Peak | 07:00 | 07:00 | 11:00 | 06:00 | 06:00 |
| | 337 | 276 | 49 | 19 | 5 |
| PM Peak | 16:00 | 17:00 | 15:00 | 12:00 | 12:00 |
| | 314 | 266 | 54 | 13 | 10 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 18 | 15 | 2 | 0 | 1 |
| 01:00 | 5 | 2 | 2 | 0 | 1 |
| 02:00 | 12 | 11 | 1 | 0 | 0 |
| 03:00 | 24 | 16 | 3 | 5 | 0 |
| 04:00 | 60 | 48 | 3 | 9 | 0 |
| 05:00 | 225 | 189 | 15 | 19 | 2 |
| 06:00 | 385 | 280 | 75 | 24 | 6 |
| 07:00 | 723 | 587 | 106 | 22 | 8 |
| 08:00 | 663 | 524 | 112 | 17 | 10 |
| 09:00 | 471 | 334 | 103 | 24 | 10 |
| 10:00 | 476 | 334 | 106 | 29 | 7 |
| 11:00 | 506 | 349 | 116 | 33 | 8 |
| 12:00 | 504 | 344 | 117 | 25 | 18 |
| 13:00 | 467 | 326 | 109 | 24 | 8 |
| 14:00 | 527 | 393 | 90 | 35 | 9 |
| 15:00 | 582 | 407 | 132 | 33 | 10 |
| 16:00 | 702 | 564 | 98 | 31 | 9 |
| 17:00 | 752 | 631 | 107 | 13 | 1 |
| 18:00 | 485 | 400 | 74 | 7 | 4 |
| 19:00 | 287 | 236 | 44 | 5 | 2 |
| 20:00 | 225 | 191 | 30 | 4 | 0 |
| 21:00 | 117 | 98 | 19 | 0 | 0 |
| 22:00 | 71 | 62 | 9 | 0 | 0 |
| 23:00 | 21 | 15 | 5 | 0 | 1 |
| Total | | | | | |
| 12H(7-19) | 6858 | 5193 | 1270 | 293 | 102 |
| 16H(6-22) | 7872 | 5998 | 1438 | 326 | 110 |
| 18H(6-24) | 7964 | 6075 | 1452 | 326 | 111 |
| 24H(0-24) | 8308 | 6356 | 1478 | 359 | 115 |
| AM Peak | 07:00 | 07:00 | 11:00 | 11:00 | 08:00 |
| | 723 | 587 | 116 | 33 | 10 |
| PM Peak | 17:00 | 17:00 | 15:00 | 14:00 | 12:00 |
| | 752 | 631 | 132 | 35 | 18 |

Paul Castle Associates

# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

**08/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 13 | 12 | 1 | 0 | 0 |
| 01:00 | 5 | 2 | 2 | 1 | 0 |
| 02:00 | 10 | 8 | 2 | 0 | 0 |
| 03:00 | 14 | 11 | 2 | 1 | 0 |
| 04:00 | 21 | 14 | 4 | 3 | 0 |
| 05:00 | 111 | 96 | 14 | 1 | 0 |
| 06:00 | 197 | 165 | 29 | 2 | 1 |
| 07:00 | 386 | 310 | 61 | 12 | 3 |
| 08:00 | 364 | 270 | 77 | 7 | 10 |
| 09:00 | 237 | 150 | 69 | 16 | 2 |
| 10:00 | 266 | 171 | 77 | 12 | 6 |
| 11:00 | 262 | 175 | 64 | 14 | 9 |
| 12:00 | 235 | 154 | 59 | 21 | 1 |
| 13:00 | 286 | 203 | 63 | 13 | 7 |
| 14:00 | 310 | 226 | 61 | 19 | 4 |
| 15:00 | 383 | 289 | 67 | 22 | 5 |
| 16:00 | 422 | 324 | 69 | 23 | 6 |
| 17:00 | 387 | 338 | 43 | 5 | 1 |
| 18:00 | 258 | 219 | 35 | 4 | 0 |
| 19:00 | 191 | 163 | 27 | 0 | 1 |
| 20:00 | 126 | 102 | 22 | 2 | 0 |
| 21:00 | 87 | 73 | 14 | 0 | 0 |
| 22:00 | 40 | 36 | 3 | 1 | 0 |
| 23:00 | 29 | 24 | 4 | 1 | 0 |
| Total | | | | | |
| 12H(7-19) | 3796 | 2829 | 745 | 168 | 54 |
| 16H(6-22) | 4397 | 3332 | 837 | 172 | 56 |
| 18H(6-24) | 4466 | 3392 | 844 | 174 | 56 |
| 24H(0-24) | 4640 | 3535 | 869 | 180 | 56 |
| AM Peak | 07:00 | 07:00 | 08:00 | 09:00 | 08:00 |
| | 386 | 310 | 77 | 16 | 10 |
| PM Peak | 16:00 | 17:00 | 16:00 | 16:00 | 13:00 |
| | 422 | 338 | 69 | 23 | 7 |

Paul Castle Associates

**Direction: Westbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 4 | 3 | 1 | 0 | 0 |
| 01:00 | 4 | 3 | 0 | 1 | 0 |
| 02:00 | 6 | 6 | 0 | 0 | 0 |
| 03:00 | 15 | 11 | 2 | 2 | 0 |
| 04:00 | 39 | 29 | 3 | 7 | 0 |
| 05:00 | 111 | 90 | 15 | 6 | 0 |
| 06:00 | 183 | 121 | 43 | 14 | 5 |
| 07:00 | 353 | 275 | 55 | 20 | 3 |
| 08:00 | 311 | 247 | 53 | 10 | 1 |
| 09:00 | 253 | 183 | 61 | 7 | 2 |
| 10:00 | 196 | 140 | 41 | 9 | 6 |
| 11:00 | 217 | 148 | 52 | 15 | 2 |
| 12:00 | 208 | 142 | 49 | 11 | 6 |
| 13:00 | 209 | 163 | 31 | 12 | 3 |
| 14:00 | 250 | 170 | 68 | 9 | 3 |
| 15:00 | 258 | 192 | 54 | 6 | 6 |
| 16:00 | 353 | 288 | 51 | 7 | 7 |
| 17:00 | 325 | 287 | 32 | 4 | 2 |
| 18:00 | 179 | 153 | 23 | 3 | 0 |
| 19:00 | 101 | 93 | 8 | 0 | 0 |
| 20:00 | 74 | 59 | 12 | 2 | 1 |
| 21:00 | 56 | 52 | 4 | 0 | 0 |
| 22:00 | 38 | 36 | 2 | 0 | 0 |
| 23:00 | 19 | 14 | 3 | 1 | 1 |
| Total | | | | | |
| 12H(7-19) | 3112 | 2388 | 570 | 113 | 41 |
| 16H(6-22) | 3526 | 2713 | 637 | 129 | 47 |
| 18H(6-24) | 3583 | 2763 | 642 | 130 | 48 |
| 24H(0-24) | 3762 | 2905 | 663 | 146 | 48 |
| AM Peak | 07:00 | 07:00 | 09:00 | 07:00 | 10:00 |
| | 353 | 275 | 61 | 20 | 6 |
| PM Peak | 16:00 | 16:00 | 14:00 | 13:00 | 16:00 |
| | 353 | 288 | 68 | 12 | 7 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 17 | 15 | 2 | 0 | 0 |
| 01:00 | 9 | 5 | 2 | 2 | 0 |
| 02:00 | 16 | 14 | 2 | 0 | 0 |
| 03:00 | 29 | 22 | 4 | 3 | 0 |
| 04:00 | 60 | 43 | 7 | 10 | 0 |
| 05:00 | 222 | 186 | 29 | 7 | 0 |
| 06:00 | 380 | 286 | 72 | 16 | 6 |
| 07:00 | 739 | 585 | 116 | 32 | 6 |
| 08:00 | 675 | 517 | 130 | 17 | 11 |
| 09:00 | 490 | 333 | 130 | 23 | 4 |
| 10:00 | 462 | 311 | 118 | 21 | 12 |
| 11:00 | 479 | 323 | 116 | 29 | 11 |
| 12:00 | 443 | 296 | 108 | 32 | 7 |
| 13:00 | 495 | 366 | 94 | 25 | 10 |
| 14:00 | 560 | 396 | 129 | 28 | 7 |
| 15:00 | 641 | 481 | 121 | 28 | 11 |
| 16:00 | 775 | 612 | 120 | 30 | 13 |
| 17:00 | 712 | 625 | 75 | 9 | 3 |
| 18:00 | 437 | 372 | 58 | 7 | 0 |
| 19:00 | 292 | 256 | 35 | 0 | 1 |
| 20:00 | 200 | 161 | 34 | 4 | 1 |
| 21:00 | 143 | 125 | 18 | 0 | 0 |
| 22:00 | 78 | 72 | 5 | 1 | 0 |
| 23:00 | 48 | 38 | 7 | 2 | 1 |
| Total | | | | | |
| 12H(7-19) | 6908 | 5217 | 1315 | 281 | 95 |
| 16H(6-22) | 7923 | 6045 | 1474 | 301 | 103 |
| 18H(6-24) | 8049 | 6155 | 1486 | 304 | 104 |
| 24H(0-24) | 8402 | 6440 | 1532 | 326 | 104 |
| AM Peak | 07:00 | 07:00 | 08:00 | 07:00 | 10:00 |
| | 739 | 585 | 130 | 32 | 12 |
| PM Peak | 16:00 | 17:00 | 14:00 | 12:00 | 16:00 |
| | 775 | 625 | 129 | 32 | 13 |

Paul Castle Associates

# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

09/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 15 | 13 | 1 | 1 | 0 |
| 01:00 | 8 | 6 | 2 | 0 | 0 |
| 02:00 | 6 | 4 | 1 | 1 | 0 |
| 03:00 | 20 | 14 | 5 | 1 | 0 |
| 04:00 | 24 | 20 | 4 | 0 | 0 |
| 05:00 | 103 | 89 | 13 | 1 | 0 |
| 06:00 | 170 | 138 | 26 | 4 | 2 |
| 07:00 | 388 | 306 | 70 | 8 | 4 |
| 08:00 | 336 | 259 | 58 | 10 | 9 |
| 09:00 | 291 | 206 | 64 | 15 | 6 |
| 10:00 | 256 | 178 | 57 | 17 | 4 |
| 11:00 | 283 | 182 | 76 | 20 | 5 |
| 12:00 | 291 | 214 | 63 | 12 | 2 |
| 13:00 | 317 | 216 | 79 | 18 | 4 |
| 14:00 | 361 | 252 | 90 | 15 | 4 |
| 15:00 | 344 | 261 | 69 | 14 | 0 |
| 16:00 | 457 | 379 | 67 | 11 | 0 |
| 17:00 | 387 | 320 | 60 | 5 | 2 |
| 18:00 | 267 | 223 | 38 | 4 | 2 |
| 19:00 | 160 | 125 | 34 | 0 | 1 |
| 20:00 | 114 | 96 | 15 | 2 | 1 |
| 21:00 | 92 | 73 | 19 | 0 | 0 |
| 22:00 | 52 | 43 | 7 | 2 | 0 |
| 23:00 | 26 | 24 | 2 | 0 | 0 |
| Total 12H(7-19) | 3978 | 2996 | 791 | 149 | 42 |
| 16H(6-22) | 4514 | 3428 | 885 | 155 | 46 |
| 18H(6-24) | 4592 | 3495 | 894 | 157 | 46 |
| 24H(0-24) | 4768 | 3641 | 920 | 161 | 46 |
| AM Peak | 07:00 | 07:00 | 11:00 | 11:00 | 08:00 |
| | 388 | 306 | 76 | 20 | 9 |
| PM Peak | 16:00 | 16:00 | 14:00 | 13:00 | 13:00 |
| | 457 | 379 | 90 | 18 | 4 |

Paul Castle Associates

**Direction: Westbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 8 | 7 | 1 | 0 | 0 |
| 01:00 | 6 | 5 | 1 | 0 | 0 |
| 02:00 | 5 | 4 | 1 | 0 | 0 |
| 03:00 | 8 | 8 | 0 | 0 | 0 |
| 04:00 | 52 | 37 | 6 | 8 | 1 |
| 05:00 | 127 | 97 | 15 | 15 | 0 |
| 06:00 | 175 | 117 | 42 | 11 | 5 |
| 07:00 | 323 | 261 | 45 | 15 | 2 |
| 08:00 | 291 | 231 | 52 | 7 | 1 |
| 09:00 | 219 | 168 | 35 | 11 | 5 |
| 10:00 | 255 | 185 | 59 | 7 | 4 |
| 11:00 | 240 | 191 | 37 | 7 | 5 |
| 12:00 | 241 | 187 | 42 | 7 | 5 |
| 13:00 | 233 | 172 | 44 | 12 | 5 |
| 14:00 | 259 | 200 | 50 | 7 | 2 |
| 15:00 | 319 | 265 | 47 | 5 | 2 |
| 16:00 | 306 | 258 | 45 | 1 | 2 |
| 17:00 | 309 | 272 | 35 | 0 | 2 |
| 18:00 | 196 | 171 | 24 | 1 | 0 |
| 19:00 | 120 | 100 | 20 | 0 | 0 |
| 20:00 | 79 | 71 | 7 | 0 | 1 |
| 21:00 | 69 | 60 | 9 | 0 | 0 |
| 22:00 | 34 | 28 | 6 | 0 | 0 |
| 23:00 | 19 | 14 | 3 | 2 | 0 |
| Total 12H(7-19) | 3191 | 2561 | 515 | 80 | 35 |
| 16H(6-22) | 3634 | 2909 | 593 | 91 | 41 |
| 18H(6-24) | 3687 | 2951 | 602 | 93 | 41 |
| 24H(0-24) | 3893 | 3109 | 626 | 116 | 42 |
| AM Peak | 07:00 | 07:00 | 10:00 | 05:00 | 06:00 |
| | 323 | 261 | 59 | 15 | 5 |
| PM Peak | 15:00 | 17:00 | 14:00 | 13:00 | 12:00 |
| | 319 | 272 | 50 | 12 | 5 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 23 | 20 | 2 | 1 | 0 |
| 01:00 | 14 | 11 | 3 | 0 | 0 |
| 02:00 | 11 | 8 | 2 | 1 | 0 |
| 03:00 | 28 | 22 | 5 | 1 | 0 |
| 04:00 | 76 | 57 | 10 | 8 | 1 |
| 05:00 | 230 | 186 | 28 | 16 | 0 |
| 06:00 | 345 | 255 | 68 | 15 | 7 |
| 07:00 | 711 | 567 | 115 | 23 | 6 |
| 08:00 | 627 | 490 | 110 | 17 | 10 |
| 09:00 | 510 | 374 | 99 | 26 | 11 |
| 10:00 | 511 | 363 | 116 | 24 | 8 |
| 11:00 | 523 | 373 | 113 | 27 | 10 |
| 12:00 | 532 | 401 | 105 | 19 | 7 |
| 13:00 | 550 | 388 | 123 | 30 | 9 |
| 14:00 | 620 | 452 | 140 | 22 | 6 |
| 15:00 | 663 | 526 | 116 | 19 | 2 |
| 16:00 | 763 | 637 | 112 | 12 | 2 |
| 17:00 | 696 | 592 | 95 | 5 | 4 |
| 18:00 | 463 | 394 | 62 | 5 | 2 |
| 19:00 | 280 | 225 | 54 | 0 | 1 |
| 20:00 | 193 | 167 | 22 | 2 | 2 |
| 21:00 | 161 | 133 | 28 | 0 | 0 |
| 22:00 | 86 | 71 | 13 | 2 | 0 |
| 23:00 | 45 | 38 | 5 | 2 | 0 |
| Total 12H(7-19) | 7169 | 5557 | 1306 | 229 | 77 |
| 16H(6-22) | 8148 | 6337 | 1478 | 246 | 87 |
| 18H(6-24) | 8279 | 6446 | 1496 | 250 | 87 |
| 24H(0-24) | 8661 | 6750 | 1546 | 277 | 88 |
| AM Peak | 07:00 | 07:00 | 10:00 | 11:00 | 09:00 |
| | 711 | 567 | 116 | 27 | 11 |
| PM Peak | 16:00 | 16:00 | 14:00 | 13:00 | 13:00 |
| | 763 | 637 | 140 | 30 | 9 |

Paul Castle Associates

# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

**10/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| **00:00** | 27 | 22 | 4 | 1 | 0 |
| **01:00** | 10 | 8 | 2 | 0 | 0 |
| **02:00** | 10 | 9 | 0 | 0 | 1 |
| **03:00** | 7 | 7 | 0 | 0 | 0 |
| **04:00** | 8 | 5 | 1 | 2 | 0 |
| **05:00** | 47 | 38 | 8 | 1 | 0 |
| **06:00** | 62 | 49 | 11 | 1 | 1 |
| **07:00** | 146 | 112 | 31 | 1 | 2 |
| **08:00** | 251 | 208 | 36 | 6 | 1 |
| **09:00** | 254 | 211 | 40 | 3 | 0 |
| **10:00** | 287 | 249 | 36 | 1 | 1 |
| **11:00** | 273 | 228 | 42 | 3 | 0 |
| **12:00** | 251 | 214 | 34 | 0 | 3 |
| **13:00** | 223 | 189 | 30 | 2 | 2 |
| **14:00** | 252 | 215 | 32 | 5 | 0 |
| **15:00** | 206 | 161 | 44 | 0 | 1 |
| **16:00** | 226 | 187 | 36 | 1 | 2 |
| **17:00** | 217 | 183 | 32 | 2 | 0 |
| **18:00** | 161 | 142 | 19 | 0 | 0 |
| **19:00** | 129 | 114 | 14 | 0 | 1 |
| **20:00** | 99 | 89 | 10 | 0 | 0 |
| **21:00** | 58 | 51 | 6 | 1 | 0 |
| **22:00** | 51 | 42 | 9 | 0 | 0 |
| **23:00** | 28 | 25 | 3 | 0 | 0 |
| **Total** | | | | | |
| **12H(7-19)** | 2747 | 2299 | 412 | 24 | 12 |
| **16H(6-22)** | 3095 | 2602 | 453 | 26 | 14 |
| **18H(6-24)** | 3174 | 2669 | 465 | 26 | 14 |
| **24H(0-24)** | 3283 | 2758 | 480 | 30 | 15 |
| **AM Peak** | 10:00 | 10:00 | 11:00 | 08:00 | 07:00 |
| | **287** | **249** | **42** | **6** | **2** |
| **PM Peak** | 14:00 | 14:00 | 15:00 | 14:00 | 12:00 |
| | **252** | **215** | **44** | **5** | **3** |

**Paul Castle Associates**

**Direction: Westbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| **00:00** | 10 | 10 | 0 | 0 | 0 |
| **01:00** | 2 | 2 | 0 | 0 | 0 |
| **02:00** | 3 | 3 | 0 | 0 | 0 |
| **03:00** | 7 | 6 | 1 | 0 | 0 |
| **04:00** | 9 | 9 | 0 | 0 | 0 |
| **05:00** | 35 | 27 | 6 | 1 | 1 |
| **06:00** | 55 | 42 | 11 | 1 | 1 |
| **07:00** | 139 | 114 | 22 | 2 | 1 |
| **08:00** | 162 | 136 | 25 | 1 | 0 |
| **09:00** | 227 | 191 | 34 | 0 | 2 |
| **10:00** | 236 | 208 | 26 | 1 | 1 |
| **11:00** | 235 | 211 | 23 | 0 | 1 |
| **12:00** | 221 | 191 | 27 | 2 | 1 |
| **13:00** | 196 | 172 | 22 | 1 | 1 |
| **14:00** | 214 | 195 | 17 | 1 | 1 |
| **15:00** | 186 | 165 | 17 | 1 | 3 |
| **16:00** | 176 | 157 | 19 | 0 | 0 |
| **17:00** | 192 | 166 | 24 | 1 | 1 |
| **18:00** | 154 | 130 | 21 | 2 | 1 |
| **19:00** | 98 | 84 | 13 | 0 | 1 |
| **20:00** | 51 | 48 | 3 | 0 | 0 |
| **21:00** | 61 | 54 | 6 | 1 | 0 |
| **22:00** | 36 | 35 | 1 | 0 | 0 |
| **23:00** | 11 | 11 | 0 | 0 | 0 |
| **Total** | | | | | |
| **12H(7-19)** | 2338 | 2036 | 277 | 12 | 13 |
| **16H(6-22)** | 2603 | 2264 | 310 | 14 | 15 |
| **18H(6-24)** | 2650 | 2310 | 311 | 14 | 15 |
| **24H(0-24)** | 2716 | 2367 | 318 | 15 | 16 |
| **AM Peak** | 10:00 | 11:00 | 09:00 | 07:00 | 09:00 |
| | **236** | **211** | **34** | **2** | **2** |
| **PM Peak** | 12:00 | 14:00 | 12:00 | 12:00 | 15:00 |
| | **221** | **195** | **27** | **2** | **3** |

**Paul Castle Associates**

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| **00:00** | 37 | 32 | 4 | 1 | 0 |
| **01:00** | 12 | 10 | 2 | 0 | 0 |
| **02:00** | 13 | 12 | 0 | 0 | 1 |
| **03:00** | 14 | 13 | 1 | 0 | 0 |
| **04:00** | 17 | 14 | 1 | 2 | 0 |
| **05:00** | 82 | 65 | 14 | 2 | 1 |
| **06:00** | 117 | 91 | 22 | 2 | 2 |
| **07:00** | 285 | 226 | 53 | 3 | 3 |
| **08:00** | 413 | 344 | 61 | 7 | 1 |
| **09:00** | 481 | 402 | 74 | 3 | 2 |
| **10:00** | 523 | 457 | 62 | 2 | 2 |
| **11:00** | 508 | 439 | 65 | 3 | 1 |
| **12:00** | 472 | 405 | 61 | 2 | 4 |
| **13:00** | 419 | 361 | 52 | 3 | 3 |
| **14:00** | 466 | 410 | 49 | 6 | 1 |
| **15:00** | 392 | 326 | 61 | 1 | 4 |
| **16:00** | 402 | 344 | 55 | 1 | 2 |
| **17:00** | 409 | 349 | 56 | 3 | 1 |
| **18:00** | 315 | 272 | 40 | 2 | 1 |
| **19:00** | 227 | 198 | 27 | 0 | 2 |
| **20:00** | 150 | 137 | 13 | 0 | 0 |
| **21:00** | 119 | 105 | 12 | 2 | 0 |
| **22:00** | 87 | 77 | 10 | 0 | 0 |
| **23:00** | 39 | 36 | 3 | 0 | 0 |
| **Total** | | | | | |
| **12H(7-19)** | 5085 | 4335 | 689 | 36 | 25 |
| **16H(6-22)** | 5698 | 4866 | 763 | 40 | 29 |
| **18H(6-24)** | 5824 | 4979 | 776 | 40 | 29 |
| **24H(0-24)** | 5999 | 5125 | 798 | 45 | 31 |
| **AM Peak** | 10:00 | 10:00 | 09:00 | 08:00 | 07:00 |
| | **523** | **457** | **74** | **7** | **3** |
| **PM Peak** | 12:00 | 14:00 | 12:00 | 14:00 | 12:00 |
| | **472** | **410** | **61** | **6** | **4** |

**Paul Castle Associates**

# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

**11/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| **00:00** | 27 | 25 | 2 | 0 | 0 |
| **01:00** | 17 | 15 | 2 | 0 | 0 |
| **02:00** | 7 | 7 | 0 | 0 | 0 |
| **03:00** | 6 | 6 | 0 | 0 | 0 |
| **04:00** | 7 | 5 | 2 | 0 | 0 |
| **05:00** | 27 | 24 | 3 | 0 | 0 |
| **06:00** | 53 | 42 | 8 | 0 | 3 |
| **07:00** | 134 | 94 | 36 | 1 | 3 |
| **08:00** | 132 | 99 | 28 | 0 | 5 |
| **09:00** | 213 | 171 | 34 | 2 | 6 |
| **10:00** | 234 | 189 | 38 | 3 | 4 |
| **11:00** | 242 | 192 | 45 | 3 | 2 |
| **12:00** | 231 | 196 | 30 | 3 | 2 |
| **13:00** | 249 | 210 | 35 | 2 | 2 |
| **14:00** | 210 | 177 | 30 | 3 | 0 |
| **15:00** | 224 | 180 | 41 | 1 | 2 |
| **16:00** | 209 | 178 | 31 | 0 | 0 |
| **17:00** | 196 | 164 | 29 | 2 | 1 |
| **18:00** | 155 | 127 | 26 | 0 | 2 |
| **19:00** | 104 | 90 | 13 | 0 | 1 |
| **20:00** | 71 | 58 | 13 | 0 | 0 |
| **21:00** | 55 | 42 | 12 | 0 | 1 |
| **22:00** | 43 | 34 | 9 | 0 | 0 |
| **23:00** | 16 | 15 | 0 | 0 | 1 |
| **Total 12H(7-19)** | 2429 | 1977 | 403 | 20 | 29 |
| **16H(6-22)** | 2712 | 2209 | 449 | 20 | 34 |
| **18H(6-24)** | 2771 | 2258 | 458 | 20 | 35 |
| **24H(0-24)** | 2862 | 2340 | 467 | 20 | 35 |
| **AM Peak** | 11:00 | 11:00 | 11:00 | 10:00 | 09:00 |
| | **242** | **192** | **45** | **3** | **6** |
| **PM Peak** | 13:00 | 13:00 | 15:00 | 12:00 | 12:00 |
| | **249** | **210** | **41** | **3** | **2** |

**Paul Castle Associates**

**Direction: Westbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| **00:00** | 14 | 14 | 0 | 0 | 0 |
| **01:00** | 5 | 5 | 0 | 0 | 0 |
| **02:00** | 3 | 2 | 1 | 0 | 0 |
| **03:00** | 1 | 1 | 0 | 0 | 0 |
| **04:00** | 4 | 4 | 0 | 0 | 0 |
| **05:00** | 20 | 18 | 1 | 1 | 0 |
| **06:00** | 32 | 29 | 3 | 0 | 0 |
| **07:00** | 63 | 48 | 14 | 0 | 1 |
| **08:00** | 84 | 66 | 18 | 0 | 0 |
| **09:00** | 145 | 130 | 13 | 2 | 0 |
| **10:00** | 180 | 158 | 21 | 1 | 0 |
| **11:00** | 233 | 201 | 28 | 3 | 1 |
| **12:00** | 202 | 169 | 31 | 1 | 1 |
| **13:00** | 244 | 211 | 26 | 4 | 3 |
| **14:00** | 193 | 160 | 29 | 1 | 3 |
| **15:00** | 204 | 188 | 16 | 0 | 0 |
| **16:00** | 189 | 161 | 25 | 0 | 3 |
| **17:00** | 202 | 160 | 37 | 2 | 3 |
| **18:00** | 173 | 152 | 20 | 0 | 1 |
| **19:00** | 101 | 87 | 11 | 2 | 1 |
| **20:00** | 72 | 61 | 11 | 0 | 0 |
| **21:00** | 39 | 36 | 2 | 0 | 1 |
| **22:00** | 19 | 16 | 3 | 0 | 0 |
| **23:00** | 8 | 8 | 0 | 0 | 0 |
| **Total 12H(7-19)** | 2112 | 1804 | 278 | 14 | 16 |
| **16H(6-22)** | 2356 | 2017 | 305 | 16 | 18 |
| **18H(6-24)** | 2383 | 2041 | 308 | 16 | 18 |
| **24H(0-24)** | 2430 | 2085 | 310 | 17 | 18 |
| **AM Peak** | 11:00 | 11:00 | 11:00 | 11:00 | 07:00 |
| | **233** | **201** | **28** | **3** | **1** |
| **PM Peak** | 13:00 | 13:00 | 17:00 | 13:00 | 13:00 |
| | **244** | **211** | **37** | **4** | **3** |

**Paul Castle Associates**

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| **00:00** | 41 | 39 | 2 | 0 | 0 |
| **01:00** | 22 | 20 | 2 | 0 | 0 |
| **02:00** | 10 | 9 | 1 | 0 | 0 |
| **03:00** | 7 | 7 | 0 | 0 | 0 |
| **04:00** | 11 | 9 | 2 | 0 | 0 |
| **05:00** | 47 | 42 | 4 | 1 | 0 |
| **06:00** | 85 | 71 | 11 | 0 | 3 |
| **07:00** | 197 | 142 | 50 | 1 | 4 |
| **08:00** | 216 | 165 | 46 | 0 | 5 |
| **09:00** | 358 | 301 | 47 | 4 | 6 |
| **10:00** | 414 | 347 | 59 | 4 | 4 |
| **11:00** | 475 | 393 | 73 | 6 | 3 |
| **12:00** | 433 | 365 | 61 | 4 | 3 |
| **13:00** | 493 | 421 | 61 | 6 | 5 |
| **14:00** | 403 | 337 | 59 | 4 | 3 |
| **15:00** | 428 | 368 | 57 | 1 | 2 |
| **16:00** | 398 | 339 | 56 | 0 | 3 |
| **17:00** | 398 | 324 | 66 | 4 | 4 |
| **18:00** | 328 | 279 | 46 | 0 | 3 |
| **19:00** | 205 | 177 | 24 | 2 | 2 |
| **20:00** | 143 | 119 | 24 | 0 | 0 |
| **21:00** | 94 | 78 | 14 | 0 | 2 |
| **22:00** | 62 | 50 | 12 | 0 | 0 |
| **23:00** | 24 | 23 | 0 | 0 | 1 |
| **Total 12H(7-19)** | 4541 | 3781 | 681 | 34 | 45 |
| **16H(6-22)** | 5068 | 4226 | 754 | 36 | 52 |
| **18H(6-24)** | 5154 | 4299 | 766 | 36 | 53 |
| **24H(0-24)** | 5292 | 4425 | 777 | 37 | 53 |
| **AM Peak** | 11:00 | 11:00 | 11:00 | 11:00 | 09:00 |
| | **475** | **393** | **73** | **6** | **6** |
| **PM Peak** | 13:00 | 13:00 | 17:00 | 13:00 | 13:00 |
| | **493** | **421** | **66** | **6** | **5** |

**Paul Castle Associates**

# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

**12/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 8 | 8 | 0 | 0 | 0 |
| 01:00 | 9 | 7 | 2 | 0 | 0 |
| 02:00 | 11 | 9 | 2 | 0 | 0 |
| 03:00 | 16 | 14 | 2 | 0 | 0 |
| 04:00 | 26 | 20 | 5 | 1 | 0 |
| 05:00 | 122 | 103 | 19 | 0 | 0 |
| 06:00 | 165 | 135 | 29 | 1 | 0 |
| 07:00 | 365 | 277 | 71 | 10 | 7 |
| 08:00 | 394 | 281 | 87 | 14 | 12 |
| 09:00 | 290 | 204 | 71 | 10 | 5 |
| 10:00 | 257 | 167 | 67 | 14 | 9 |
| 11:00 | 236 | 139 | 81 | 14 | 2 |
| 12:00 | 286 | 184 | 79 | 19 | 4 |
| 13:00 | 287 | 196 | 63 | 22 | 6 |
| 14:00 | 316 | 213 | 75 | 23 | 5 |
| 15:00 | 347 | 236 | 95 | 15 | 1 |
| 16:00 | 387 | 288 | 76 | 23 | 0 |
| 17:00 | 401 | 337 | 46 | 15 | 3 |
| 18:00 | 181 | 151 | 23 | 6 | 1 |
| 19:00 | 133 | 103 | 27 | 3 | 0 |
| 20:00 | 91 | 74 | 17 | 0 | 0 |
| 21:00 | 62 | 53 | 8 | 1 | 0 |
| 22:00 | 35 | 30 | 4 | 0 | 1 |
| 23:00 | 19 | 15 | 4 | 0 | 0 |
| Total 12H(7-19) | 3747 | 2673 | 834 | 185 | 55 |
| 16H(6-22) | 4198 | 3038 | 915 | 190 | 55 |
| 18H(6-24) | 4252 | 3083 | 923 | 190 | 56 |
| 24H(0-24) | 4444 | 3244 | 953 | 191 | 56 |
| AM Peak | 08:00 | 08:00 | 08:00 | 08:00 | 08:00 |
| | 394 | 281 | 87 | 14 | 12 |
| PM Peak | 17:00 | 17:00 | 15:00 | 14:00 | 13:00 |
| | 401 | 337 | 95 | 23 | 6 |

Paul Castle Associates

**Direction: Westbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 7 | 6 | 0 | 1 | 0 |
| 01:00 | 5 | 1 | 4 | 0 | 0 |
| 02:00 | 6 | 6 | 0 | 0 | 0 |
| 03:00 | 14 | 9 | 3 | 2 | 0 |
| 04:00 | 54 | 32 | 5 | 17 | 0 |
| 05:00 | 129 | 93 | 16 | 18 | 2 |
| 06:00 | 218 | 155 | 40 | 21 | 2 |
| 07:00 | 328 | 270 | 45 | 10 | 3 |
| 08:00 | 289 | 230 | 49 | 9 | 1 |
| 09:00 | 237 | 171 | 50 | 11 | 5 |
| 10:00 | 183 | 126 | 47 | 8 | 2 |
| 11:00 | 249 | 173 | 59 | 12 | 5 |
| 12:00 | 183 | 136 | 35 | 7 | 5 |
| 13:00 | 209 | 145 | 49 | 12 | 3 |
| 14:00 | 271 | 185 | 64 | 20 | 2 |
| 15:00 | 289 | 204 | 64 | 15 | 6 |
| 16:00 | 335 | 280 | 44 | 7 | 4 |
| 17:00 | 309 | 265 | 37 | 7 | 0 |
| 18:00 | 171 | 151 | 18 | 1 | 1 |
| 19:00 | 104 | 91 | 13 | 0 | 0 |
| 20:00 | 60 | 51 | 9 | 0 | 0 |
| 21:00 | 61 | 53 | 8 | 0 | 0 |
| 22:00 | 28 | 25 | 1 | 2 | 0 |
| 23:00 | 19 | 18 | 1 | 0 | 0 |
| Total 12H(7-19) | 3053 | 2336 | 561 | 119 | 37 |
| 16H(6-22) | 3496 | 2686 | 631 | 140 | 39 |
| 18H(6-24) | 3543 | 2729 | 633 | 142 | 39 |
| 24H(0-24) | 3758 | 2876 | 661 | 180 | 41 |
| AM Peak | 07:00 | 07:00 | 11:00 | 06:00 | 09:00 |
| | 328 | 270 | 59 | 21 | 5 |
| PM Peak | 16:00 | 16:00 | 14:00 | 14:00 | 15:00 |
| | 335 | 280 | 64 | 20 | 6 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 15 | 14 | 0 | 1 | 0 |
| 01:00 | 14 | 8 | 6 | 0 | 0 |
| 02:00 | 17 | 15 | 2 | 0 | 0 |
| 03:00 | 30 | 23 | 5 | 2 | 0 |
| 04:00 | 80 | 52 | 10 | 18 | 0 |
| 05:00 | 251 | 196 | 35 | 18 | 2 |
| 06:00 | 383 | 290 | 69 | 22 | 2 |
| 07:00 | 693 | 547 | 116 | 20 | 10 |
| 08:00 | 683 | 511 | 136 | 23 | 13 |
| 09:00 | 527 | 375 | 121 | 21 | 10 |
| 10:00 | 440 | 293 | 114 | 22 | 11 |
| 11:00 | 485 | 312 | 140 | 26 | 7 |
| 12:00 | 469 | 320 | 114 | 26 | 9 |
| 13:00 | 496 | 341 | 112 | 34 | 9 |
| 14:00 | 587 | 398 | 139 | 43 | 7 |
| 15:00 | 636 | 440 | 159 | 30 | 7 |
| 16:00 | 722 | 568 | 120 | 30 | 4 |
| 17:00 | 710 | 602 | 83 | 22 | 3 |
| 18:00 | 352 | 302 | 41 | 7 | 2 |
| 19:00 | 237 | 194 | 40 | 3 | 0 |
| 20:00 | 151 | 125 | 26 | 0 | 0 |
| 21:00 | 123 | 106 | 16 | 1 | 0 |
| 22:00 | 63 | 55 | 5 | 2 | 1 |
| 23:00 | 38 | 33 | 5 | 0 | 0 |
| Total 12H(7-19) | 6800 | 5009 | 1395 | 304 | 92 |
| 16H(6-22) | 7694 | 5724 | 1546 | 330 | 94 |
| 18H(6-24) | 7795 | 5812 | 1556 | 332 | 95 |
| 24H(0-24) | 8202 | 6120 | 1614 | 371 | 97 |
| AM Peak | 07:00 | 07:00 | 11:00 | 11:00 | 08:00 |
| | 693 | 547 | 140 | 26 | 13 |
| PM Peak | 16:00 | 17:00 | 15:00 | 14:00 | 12:00 |
| | 722 | 602 | 159 | 43 | 9 |

Paul Castle Associates

# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

**06/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 7 | 76.6 | 65.4 | 10.8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 5 | 0 | 1 |
| **01:00** | 2 | 79.1 | 66.3 | 12.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| **02:00** | 8 | 71.8 | 61.9 | 9.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 2 | 2 | 0 |
| **03:00** | 10 | 72.1 | 58.8 | 12.9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 2 | 3 | 2 | 0 |
| **04:00** | 16 | 69.4 | 61.7 | 7.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 3 | 7 | 2 | 0 |
| **05:00** | 121 | 70.7 | 60.6 | 9.7 | 0 | 0 | 2 | 0 | 2 | 2 | 2 | 18 | 36 | 44 | 12 | 3 |
| **06:00** | 193 | 66.3 | 58.3 | 7.7 | 0 | 0 | 0 | 0 | 1 | 5 | 14 | 48 | 59 | 53 | 12 | 1 |
| **07:00** | 389 | 61.5 | 55.6 | 5.7 | 0 | 0 | 0 | 0 | 0 | 6 | 39 | 151 | 135 | 53 | 4 | 1 |
| **08:00** | 369 | 62.0 | 54.4 | 7.4 | 0 | 0 | 0 | 3 | 10 | 20 | 44 | 131 | 104 | 48 | 9 | 0 |
| **09:00** | 260 | 60.4 | 53.2 | 6.9 | 0 | 0 | 4 | 0 | 2 | 15 | 44 | 102 | 62 | 31 | 0 | 0 |
| **10:00** | 265 | 60.8 | 52.7 | 7.8 | 0 | 0 | 1 | 2 | 12 | 22 | 39 | 102 | 61 | 20 | 4 | 2 |
| **11:00** | 244 | 61.7 | 54.4 | 7.1 | 0 | 0 | 1 | 0 | 1 | 13 | 47 | 83 | 57 | 37 | 5 | 0 |
| **12:00** | 250 | 61.5 | 54.5 | 6.8 | 0 | 0 | 0 | 0 | 3 | 9 | 43 | 92 | 69 | 26 | 8 | 0 |
| **13:00** | 289 | 60.8 | 53.5 | 7.0 | 0 | 0 | 0 | 0 | 5 | 22 | 70 | 69 | 83 | 37 | 3 | 0 |
| **14:00** | 326 | 62.9 | 52.5 | 10.0 | 0 | 0 | 20 | 0 | 9 | 20 | 43 | 104 | 78 | 45 | 7 | 0 |
| **15:00** | 326 | 61.1 | 53.8 | 7.1 | 0 | 0 | 1 | 2 | 6 | 18 | 62 | 102 | 88 | 44 | 3 | 0 |
| **16:00** | 438 | 62.5 | 55.8 | 6.4 | 0 | 0 | 2 | 2 | 0 | 12 | 37 | 150 | 153 | 77 | 5 | 0 |
| **17:00** | 401 | 65.0 | 55.1 | 9.6 | 0 | 5 | 10 | 1 | 6 | 14 | 34 | 104 | 131 | 91 | 4 | 1 |
| **18:00** | 256 | 67.4 | 59.3 | 7.9 | 0 | 0 | 0 | 0 | 0 | 11 | 9 | 50 | 85 | 85 | 11 | 5 |
| **19:00** | 153 | 69.5 | 60.8 | 8.4 | 0 | 0 | 0 | 0 | 0 | 2 | 11 | 21 | 48 | 53 | 14 | 4 |
| **20:00** | 96 | 68.8 | 59.7 | 8.8 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 17 | 32 | 29 | 8 | 2 |
| **21:00** | 60 | 69.5 | 60.3 | 8.9 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 8 | 19 | 19 | 5 | 2 |
| **22:00** | 44 | 67.8 | 58.9 | 8.6 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 12 | 6 | 16 | 4 | 0 |
| **23:00** | 14 | 72.6 | 61.1 | 11.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 7 | 2 | 0 | 2 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 509 | 61.3 | 53.5 | 7.5 | 0 | 0 | 2 | 2 | 13 | 35 | 86 | 185 | 118 | 57 | 9 | 2 |
| **2H(14-16)** | 652 | 62.2 | 53.1 | 8.7 | 0 | 0 | 21 | 2 | 15 | 38 | 105 | 206 | 166 | 89 | 10 | 0 |
| **12H(7-19)** | 3813 | 62.6 | 54.6 | 7.7 | 0 | 5 | 39 | 10 | 54 | 182 | 511 | 1240 | 1106 | 594 | 63 | 9 |
| **24H(0-24)** | 4537 | 63.9 | 55.4 | 8.1 | 0 | 5 | 41 | 10 | 60 | 198 | 554 | 1373 | 1320 | 827 | 125 | 24 |
| **AM Peak** | 07:00 | 01:00 | 01:00 | 03:00 | 00:00 | 00:00 | 09:00 | 08:00 | 10:00 | 10:00 | 11:00 | 07:00 | 07:00 | 06:00 | 05:00 | 05:00 |
| | **389** | **79.1** | **66.3** | **12.9** | **0** | **0** | **4** | **3** | **12** | **22** | **47** | **151** | **135** | **53** | **12** | **3** |
| **PM Peak** | 16:00 | 23:00 | 23:00 | 23:00 | 12:00 | 17:00 | 14:00 | 15:00 | 14:00 | 13:00 | 13:00 | 16:00 | 16:00 | 17:00 | 19:00 | 18:00 |
| | **438** | **72.6** | **61.1** | **11.1** | **0** | **5** | **20** | **2** | **9** | **22** | **70** | **150** | **153** | **91** | **14** | **5** |



**Direction: Westbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 4 | 77.2 | 63.8 | 13.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 |
| **01:00** | 1 | - | 57.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **02:00** | 5 | 65.0 | 58.5 | 6.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 2 | 0 | 0 |
| **03:00** | 8 | 64.3 | 56.3 | 7.8 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 4 | 2 | 0 | 0 |
| **04:00** | 41 | 69.7 | 59.5 | 9.9 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 14 | 7 | 9 | 6 | 1 |
| **05:00** | 111 | 64.3 | 56.2 | 7.9 | 0 | 0 | 0 | 0 | 1 | 7 | 11 | 32 | 35 | 20 | 4 | 1 |
| **06:00** | 204 | 64.4 | 55.0 | 9.1 | 0 | 1 | 0 | 5 | 2 | 9 | 33 | 57 | 53 | 36 | 5 | 3 |
| **07:00** | 341 | 61.1 | 54.6 | 6.3 | 0 | 0 | 0 | 0 | 3 | 12 | 54 | 118 | 107 | 44 | 2 | 1 |
| **08:00** | 324 | 61.5 | 52.5 | 8.7 | 0 | 0 | 10 | 1 | 11 | 27 | 52 | 92 | 91 | 36 | 4 | 0 |
| **09:00** | 229 | 59.9 | 51.9 | 7.7 | 0 | 1 | 6 | 0 | 1 | 15 | 52 | 86 | 52 | 15 | 0 | 1 |
| **10:00** | 200 | 61.1 | 51.9 | 8.9 | 0 | 0 | 3 | 9 | 4 | 19 | 39 | 55 | 41 | 29 | 1 | 0 |
| **11:00** | 210 | 60.0 | 53.2 | 6.6 | 0 | 0 | 0 | 0 | 1 | 25 | 37 | 70 | 49 | 28 | 0 | 0 |
| **12:00** | 209 | 60.5 | 52.4 | 7.8 | 0 | 0 | 0 | 0 | 7 | 25 | 45 | 75 | 28 | 24 | 4 | 1 |
| **13:00** | 203 | 60.2 | 52.1 | 7.8 | 0 | 0 | 0 | 3 | 15 | 11 | 46 | 62 | 39 | 26 | 1 | 0 |
| **14:00** | 231 | 61.0 | 53.6 | 7.1 | 0 | 0 | 0 | 0 | 2 | 17 | 52 | 73 | 58 | 25 | 2 | 2 |
| **15:00** | 295 | 59.8 | 53.1 | 6.4 | 0 | 0 | 0 | 0 | 4 | 17 | 70 | 105 | 68 | 27 | 4 | 0 |
| **16:00** | 306 | 61.6 | 54.5 | 6.9 | 0 | 0 | 0 | 2 | 1 | 24 | 41 | 88 | 109 | 37 | 3 | 1 |
| **17:00** | 310 | 62.7 | 55.1 | 7.4 | 0 | 0 | 3 | 1 | 0 | 18 | 36 | 93 | 104 | 50 | 4 | 1 |
| **18:00** | 178 | 66.0 | 57.9 | 7.9 | 0 | 1 | 0 | 0 | 1 | 1 | 19 | 42 | 54 | 51 | 9 | 0 |
| **19:00** | 98 | 67.3 | 58.7 | 8.3 | 0 | 0 | 0 | 0 | 1 | 0 | 8 | 26 | 31 | 23 | 7 | 2 |
| **20:00** | 63 | 68.5 | 58.7 | 9.4 | 0 | 1 | 0 | 0 | 0 | 0 | 6 | 12 | 20 | 18 | 6 | 0 |
| **21:00** | 61 | 66.4 | 59.1 | 7.0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 13 | 25 | 15 | 5 | 0 |
| **22:00** | 25 | 67.0 | 57.2 | 9.4 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 7 | 6 | 5 | 1 | 1 |
| **23:00** | 13 | 61.5 | 53.8 | 7.4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 | 5 | 1 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 410 | 60.7 | 52.6 | 7.8 | 0 | 0 | 3 | 9 | 5 | 44 | 76 | 125 | 90 | 57 | 1 | 0 |
| **2H(14-16)** | 526 | 60.3 | 53.3 | 6.7 | 0 | 0 | 0 | 0 | 6 | 34 | 122 | 178 | 126 | 52 | 6 | 2 |
| **12H(7-19)** | 3036 | 61.4 | 53.6 | 7.6 | 0 | 2 | 22 | 16 | 50 | 211 | 543 | 959 | 800 | 392 | 34 | 7 |
| **24H(0-24)** | 3670 | 62.4 | 54.2 | 7.9 | 0 | 4 | 22 | 22 | 54 | 232 | 610 | 1130 | 988 | 523 | 70 | 15 |
| **AM Peak** | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 | 06:00 | 08:00 | 10:00 | 08:00 | 08:00 | 07:00 | 07:00 | 07:00 | 07:00 | 04:00 | 06:00 |
| | **341** | **77.2** | **63.8** | **13.0** | **0** | **1** | **10** | **9** | **11** | **27** | **54** | **118** | **107** | **44** | **6** | **3** |
| **PM Peak** | 17:00 | 20:00 | 21:00 | 22:00 | 12:00 | 18:00 | 17:00 | 13:00 | 13:00 | 12:00 | 15:00 | 15:00 | 16:00 | 18:00 | 18:00 | 14:00 |
| | **310** | **68.5** | **59.1** | **9.4** | **0** | **1** | **3** | **3** | **15** | **25** | **70** | **105** | **109** | **51** | **9** | **2** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 11 | 76.2 | 64.8 | 11.0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 5 | 2 | 1 |
| **01:00** | 3 | 73.8 | 63.3 | 10.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 |
| **02:00** | 13 | 69.2 | 60.6 | 8.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 2 | 4 | 2 | 0 |
| **03:00** | 18 | 68.7 | 57.6 | 10.7 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 0 | 6 | 5 | 2 | 0 |
| **04:00** | 57 | 69.7 | 60.1 | 9.3 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 18 | 10 | 16 | 8 | 1 |
| **05:00** | 232 | 67.9 | 58.5 | 9.1 | 0 | 0 | 2 | 0 | 3 | 9 | 13 | 50 | 71 | 64 | 16 | 4 |
| **06:00** | 397 | 65.5 | 56.6 | 8.6 | 0 | 1 | 0 | 5 | 3 | 14 | 47 | 105 | 112 | 89 | 17 | 4 |
| **07:00** | 730 | 61.3 | 55.1 | 6.0 | 0 | 0 | 0 | 0 | 3 | 18 | 93 | 269 | 242 | 97 | 6 | 2 |
| **08:00** | 693 | 61.9 | 53.5 | 8.1 | 0 | 0 | 10 | 4 | 21 | 47 | 96 | 223 | 195 | 84 | 13 | 0 |
| **09:00** | 489 | 60.2 | 52.6 | 7.3 | 0 | 1 | 10 | 0 | 3 | 30 | 96 | 188 | 114 | 46 | 0 | 1 |
| **10:00** | 465 | 60.9 | 52.3 | 8.3 | 0 | 0 | 4 | 11 | 16 | 41 | 78 | 157 | 102 | 49 | 5 | 2 |
| **11:00** | 454 | 61.0 | 53.8 | 6.9 | 0 | 0 | 1 | 0 | 2 | 38 | 84 | 153 | 106 | 65 | 5 | 0 |
| **12:00** | 459 | 61.2 | 53.6 | 7.3 | 0 | 0 | 0 | 0 | 10 | 34 | 88 | 167 | 97 | 50 | 12 | 1 |
| **13:00** | 492 | 60.6 | 52.9 | 7.4 | 0 | 0 | 0 | 3 | 20 | 33 | 116 | 131 | 122 | 63 | 4 | 0 |
| **14:00** | 557 | 62.2 | 53.0 | 9.0 | 0 | 0 | 20 | 0 | 11 | 37 | 95 | 177 | 136 | 70 | 9 | 2 |
| **15:00** | 621 | 60.5 | 53.5 | 6.8 | 0 | 0 | 1 | 2 | 10 | 35 | 132 | 207 | 156 | 71 | 7 | 0 |
| **16:00** | 744 | 62.1 | 55.3 | 6.6 | 0 | 0 | 2 | 4 | 1 | 36 | 78 | 238 | 262 | 114 | 8 | 1 |
| **17:00** | 711 | 64.1 | 55.1 | 8.7 | 0 | 5 | 13 | 2 | 6 | 32 | 70 | 197 | 235 | 141 | 8 | 2 |
| **18:00** | 434 | 66.9 | 58.7 | 7.9 | 0 | 1 | 0 | 0 | 1 | 12 | 28 | 92 | 139 | 136 | 20 | 5 |
| **19:00** | 251 | 68.7 | 60.0 | 8.4 | 0 | 0 | 0 | 0 | 1 | 2 | 19 | 47 | 79 | 76 | 21 | 6 |
| **20:00** | 159 | 68.7 | 59.3 | 9.0 | 0 | 1 | 0 | 0 | 2 | 3 | 9 | 29 | 52 | 47 | 14 | 2 |
| **21:00** | 121 | 68.0 | 59.7 | 8.0 | 0 | 0 | 0 | 0 | 0 | 2 | 8 | 21 | 44 | 34 | 10 | 2 |
| **22:00** | 69 | 67.5 | 58.3 | 8.9 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 19 | 12 | 21 | 5 | 1 |
| **23:00** | 27 | 68.0 | 57.6 | 10.0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 8 | 12 | 3 | 0 | 2 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 919 | 61.0 | 53.1 | 7.7 | 0 | 0 | 5 | 11 | 18 | 79 | 162 | 310 | 208 | 114 | 10 | 2 |
| **2H(14-16)** | 1178 | 61.4 | 53.2 | 7.9 | 0 | 0 | 21 | 2 | 21 | 72 | 227 | 384 | 292 | 141 | 16 | 2 |
| **12H(7-19)** | 6849 | 62.1 | 54.2 | 7.7 | 0 | 7 | 61 | 26 | 104 | 393 | 1054 | 2199 | 1906 | 986 | 97 | 16 |
| **24H(0-24)** | 8207 | 63.2 | 54.9 | 8.1 | 0 | 9 | 63 | 32 | 114 | 430 | 1164 | 2503 | 2308 | 1350 | 195 | 39 |
| **AM Peak** | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 | 06:00 | 08:00 | 10:00 | 08:00 | 08:00 | 08:00 | 07:00 | 07:00 | 07:00 | 06:00 | 05:00 |
| | **730** | **76.2** | **64.8** | **11.0** | **0** | **1** | **10** | **11** | **21** | **47** | **96** | **269** | **242** | **97** | **17** | **4** |
| **PM Peak** | 16:00 | 19:00 | 19:00 | 23:00 | 12:00 | 17:00 | 14:00 | 16:00 | 13:00 | 14:00 | 15:00 | 16:00 | 16:00 | 17:00 | 19:00 | 19:00 |
| | **744** | **68.7** | **60.0** | **10.0** | **0** | **5** | **20** | **4** | **20** | **37** | **132** | **238** | **262** | **141** | **21** | **6** |

# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

**07/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 15 | 67.8 | 61.2 | 6.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 7 | 1 | 0 |
| **01:00** | 3 | 75.9 | 64.2 | 11.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| **02:00** | 6 | 73.7 | 63.8 | 9.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 2 | 0 |
| **03:00** | 11 | 68.9 | 58.2 | 10.4 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 2 | 4 | 1 | 0 |
| **04:00** | 16 | 68.6 | 61.3 | 7.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 2 | 9 | 1 | 0 |
| **05:00** | 120 | 68.5 | 60.6 | 7.6 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 20 | 45 | 40 | 8 | 3 |
| **06:00** | 178 | 65.7 | 57.8 | 7.6 | 0 | 0 | 0 | 3 | 0 | 2 | 18 | 37 | 57 | 54 | 7 | 0 |
| **07:00** | 386 | 62.5 | 55.7 | 6.6 | 0 | 0 | 0 | 3 | 1 | 7 | 51 | 113 | 146 | 58 | 5 | 2 |
| **08:00** | 373 | 60.3 | 53.5 | 6.6 | 0 | 0 | 0 | 4 | 9 | 9 | 79 | 129 | 101 | 39 | 3 | 0 |
| **09:00** | 276 | 61.6 | 53.3 | 8.0 | 0 | 0 | 1 | 3 | 12 | 11 | 57 | 86 | 70 | 31 | 2 | 3 |
| **10:00** | 252 | 61.1 | 52.9 | 7.9 | 0 | 0 | 5 | 8 | 1 | 10 | 29 | 104 | 75 | 17 | 2 | 1 |
| **11:00** | 273 | 61.1 | 52.6 | 8.2 | 0 | 3 | 0 | 5 | 7 | 12 | 54 | 96 | 66 | 27 | 2 | 1 |
| **12:00** | 268 | 61.6 | 54.5 | 6.9 | 0 | 0 | 0 | 4 | 3 | 7 | 37 | 103 | 72 | 38 | 4 | 0 |
| **13:00** | 287 | 59.8 | 53.6 | 5.9 | 0 | 0 | 0 | 0 | 0 | 20 | 53 | 105 | 76 | 33 | 0 | 0 |
| **14:00** | 288 | 61.2 | 54.2 | 6.8 | 0 | 0 | 0 | 4 | 2 | 13 | 36 | 121 | 73 | 34 | 5 | 0 |
| **15:00** | 311 | 61.9 | 54.8 | 6.9 | 0 | 0 | 0 | 0 | 2 | 19 | 48 | 96 | 98 | 42 | 5 | 1 |
| **16:00** | 388 | 62.2 | 56.0 | 6.0 | 0 | 0 | 0 | 0 | 0 | 10 | 33 | 135 | 139 | 68 | 1 | 2 |
| **17:00** | 442 | 64.5 | 57.4 | 6.9 | 0 | 0 | 0 | 5 | 0 | 3 | 33 | 122 | 159 | 107 | 11 | 2 |
| **18:00** | 243 | 67.8 | 59.5 | 8.0 | 0 | 0 | 0 | 1 | 1 | 3 | 15 | 38 | 97 | 66 | 18 | 4 |
| **19:00** | 182 | 68.8 | 59.1 | 9.4 | 0 | 0 | 1 | 0 | 0 | 8 | 16 | 33 | 55 | 49 | 15 | 5 |
| **20:00** | 136 | 68.5 | 59.3 | 8.9 | 0 | 0 | 0 | 0 | 1 | 1 | 20 | 28 | 28 | 40 | 18 | 0 |
| **21:00** | 72 | 72.7 | 61.5 | 10.9 | 1 | 0 | 0 | 0 | 0 | 1 | 3 | 11 | 18 | 25 | 11 | 2 |
| **22:00** | 39 | 71.7 | 61.7 | 9.7 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 6 | 8 | 15 | 4 | 2 |
| **23:00** | 9 | 72.2 | 61.7 | 10.2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 3 | 2 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 525 | 61.1 | 52.8 | 8.0 | 0 | 3 | 5 | 13 | 8 | 22 | 83 | 200 | 141 | 44 | 4 | 2 |
| **2H(14-16)** | 599 | 61.5 | 54.5 | 6.8 | 0 | 0 | 0 | 4 | 4 | 32 | 84 | 217 | 171 | 76 | 10 | 1 |
| **12H(7-19)** | 3787 | 62.4 | 54.9 | 7.2 | 0 | 3 | 6 | 37 | 38 | 124 | 525 | 1248 | 1172 | 560 | 58 | 16 |
| **24H(0-24)** | 4574 | 63.7 | 55.7 | 7.7 | 1 | 3 | 7 | 40 | 40 | 138 | 592 | 1393 | 1395 | 808 | 129 | 28 |
| **AM Peak** | 07:00 | 01:00 | 01:00 | 01:00 | 00:00 | 11:00 | 10:00 | 10:00 | 09:00 | 11:00 | 08:00 | 08:00 | 07:00 | 07:00 | 05:00 | 05:00 |
| | **386** | **75.9** | **64.2** | **11.3** | **0** | **3** | **5** | **8** | **12** | **12** | **79** | **129** | **146** | **58** | **8** | **3** |
| **PM Peak** | 17:00 | 21:00 | 22:00 | 21:00 | 21:00 | 12:00 | 19:00 | 17:00 | 12:00 | 13:00 | 13:00 | 16:00 | 17:00 | 17:00 | 18:00 | 19:00 |
| | **442** | **72.7** | **61.7** | **10.9** | **1** | **0** | **1** | **5** | **3** | **20** | **53** | **135** | **159** | **107** | **18** | **5** |



**Direction: Westbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 3 | 75.2 | 58.3 | 16.3 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| **01:00** | 2 | 67.9 | 58.8 | 8.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| **02:00** | 6 | 69.8 | 58.3 | 11.0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 1 | 0 |
| **03:00** | 13 | 67.4 | 58.1 | 9.0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 2 | 7 | 0 | 0 |
| **04:00** | 44 | 65.3 | 57.6 | 7.5 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 10 | 14 | 12 | 2 | 0 |
| **05:00** | 105 | 65.0 | 56.0 | 8.7 | 0 | 0 | 0 | 0 | 3 | 3 | 18 | 30 | 24 | 22 | 3 | 2 |
| **06:00** | 207 | 62.2 | 53.7 | 8.2 | 0 | 0 | 0 | 3 | 3 | 18 | 50 | 46 | 45 | 38 | 4 | 0 |
| **07:00** | 337 | 62.6 | 53.4 | 8.9 | 0 | 0 | 5 | 6 | 14 | 21 | 46 | 91 | 110 | 36 | 5 | 3 |
| **08:00** | 290 | 61.0 | 53.6 | 7.2 | 0 | 0 | 0 | 3 | 8 | 18 | 45 | 99 | 77 | 37 | 3 | 0 |
| **09:00** | 195 | 60.6 | 52.4 | 7.9 | 0 | 0 | 3 | 5 | 3 | 10 | 39 | 73 | 39 | 21 | 2 | 0 |
| **10:00** | 224 | 59.7 | 51.9 | 7.6 | 0 | 2 | 1 | 0 | 11 | 16 | 36 | 93 | 47 | 17 | 1 | 0 |
| **11:00** | 233 | 60.2 | 51.8 | 8.1 | 0 | 0 | 0 | 5 | 10 | 19 | 54 | 77 | 51 | 11 | 3 | 3 |
| **12:00** | 236 | 61.4 | 53.6 | 7.5 | 0 | 0 | 0 | 0 | 0 | 16 | 63 | 78 | 48 | 22 | 7 | 2 |
| **13:00** | 180 | 61.0 | 52.2 | 8.4 | 0 | 1 | 0 | 0 | 6 | 18 | 45 | 55 | 39 | 9 | 5 | 2 |
| **14:00** | 239 | 60.0 | 51.6 | 8.1 | 0 | 0 | 0 | 8 | 12 | 20 | 45 | 87 | 46 | 16 | 4 | 1 |
| **15:00** | 271 | 59.8 | 53.4 | 6.2 | 0 | 0 | 0 | 0 | 4 | 14 | 61 | 95 | 63 | 34 | 0 | 0 |
| **16:00** | 314 | 61.0 | 53.3 | 7.4 | 0 | 0 | 0 | 4 | 3 | 34 | 45 | 107 | 86 | 28 | 6 | 1 |
| **17:00** | 310 | 62.6 | 55.5 | 6.8 | 0 | 0 | 0 | 1 | 2 | 8 | 38 | 97 | 120 | 37 | 3 | 4 |
| **18:00** | 242 | 63.5 | 55.9 | 7.3 | 0 | 0 | 0 | 0 | 4 | 2 | 42 | 74 | 63 | 50 | 6 | 1 |
| **19:00** | 105 | 71.3 | 61.3 | 9.7 | 0 | 0 | 0 | 0 | 2 | 0 | 8 | 16 | 30 | 30 | 15 | 4 |
| **20:00** | 89 | 68.1 | 59.4 | 8.3 | 0 | 0 | 0 | 0 | 1 | 0 | 11 | 15 | 25 | 27 | 10 | 0 |
| **21:00** | 45 | 65.8 | 57.1 | 8.4 | 0 | 0 | 0 | 0 | 1 | 1 | 7 | 10 | 12 | 11 | 3 | 0 |
| **22:00** | 32 | 66.9 | 59.6 | 7.1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 14 | 8 | 3 | 0 |
| **23:00** | 12 | 64.8 | 54.6 | 9.8 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 4 | 1 | 1 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 457 | 60.0 | 51.9 | 7.8 | 0 | 2 | 1 | 5 | 21 | 35 | 90 | 170 | 98 | 28 | 4 | 3 |
| **2H(14-16)** | 510 | 60.0 | 52.5 | 7.2 | 0 | 0 | 0 | 8 | 16 | 34 | 106 | 182 | 109 | 50 | 4 | 1 |
| **12H(7-19)** | 3071 | 61.3 | 53.3 | 7.7 | 0 | 3 | 9 | 32 | 77 | 196 | 559 | 1026 | 789 | 318 | 45 | 17 |
| **24H(0-24)** | 3734 | 62.3 | 54.0 | 8.1 | 0 | 3 | 9 | 35 | 88 | 225 | 661 | 1164 | 962 | 476 | 88 | 23 |
| **AM Peak** | 07:00 | 00:00 | 01:00 | 00:00 | 00:00 | 10:00 | 07:00 | 07:00 | 07:00 | 07:00 | 11:00 | 08:00 | 07:00 | 06:00 | 07:00 | 07:00 |
| | **337** | **75.2** | **58.8** | **16.3** | **0** | **2** | **5** | **6** | **14** | **21** | **54** | **99** | **110** | **38** | **5** | **3** |
| **PM Peak** | 16:00 | 19:00 | 19:00 | 23:00 | 12:00 | 13:00 | 12:00 | 14:00 | 14:00 | 16:00 | 12:00 | 16:00 | 17:00 | 18:00 | 19:00 | 17:00 |
| | **314** | **71.3** | **61.3** | **9.8** | **0** | **1** | **0** | **8** | **12** | **34** | **63** | **107** | **120** | **50** | **15** | **4** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 18 | 69.1 | 60.7 | 8.1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 5 | 7 | 2 | 0 |
| **01:00** | 5 | 71.9 | 62.0 | 9.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 1 | 0 |
| **02:00** | 12 | 71.7 | 61.0 | 10.3 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 4 | 2 | 3 | 0 |
| **03:00** | 24 | 67.9 | 58.1 | 9.4 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 3 | 4 | 11 | 1 | 0 |
| **04:00** | 60 | 66.3 | 58.6 | 7.5 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 13 | 16 | 21 | 3 | 0 |
| **05:00** | 225 | 67.2 | 58.5 | 8.4 | 0 | 0 | 0 | 0 | 3 | 4 | 21 | 50 | 69 | 62 | 11 | 5 |
| **06:00** | 385 | 64.1 | 55.6 | 8.2 | 0 | 0 | 0 | 6 | 3 | 20 | 68 | 83 | 102 | 92 | 11 | 0 |
| **07:00** | 723 | 62.7 | 54.6 | 7.8 | 0 | 0 | 5 | 9 | 15 | 28 | 97 | 204 | 256 | 94 | 10 | 5 |
| **08:00** | 663 | 60.6 | 53.5 | 6.9 | 0 | 0 | 0 | 7 | 17 | 27 | 124 | 228 | 178 | 76 | 6 | 0 |
| **09:00** | 471 | 61.2 | 52.9 | 8.0 | 0 | 0 | 4 | 8 | 15 | 21 | 96 | 159 | 109 | 52 | 4 | 3 |
| **10:00** | 476 | 60.5 | 52.4 | 7.7 | 0 | 2 | 6 | 8 | 12 | 26 | 65 | 197 | 122 | 34 | 3 | 1 |
| **11:00** | 506 | 60.7 | 52.3 | 8.1 | 0 | 3 | 0 | 10 | 17 | 31 | 108 | 173 | 117 | 38 | 5 | 4 |
| **12:00** | 504 | 61.5 | 54.1 | 7.2 | 0 | 0 | 0 | 4 | 3 | 23 | 100 | 181 | 120 | 60 | 11 | 2 |
| **13:00** | 467 | 60.4 | 53.1 | 7.0 | 0 | 1 | 0 | 0 | 6 | 38 | 98 | 160 | 115 | 42 | 5 | 2 |
| **14:00** | 527 | 60.8 | 53.0 | 7.5 | 0 | 0 | 0 | 12 | 14 | 33 | 81 | 208 | 119 | 50 | 9 | 1 |
| **15:00** | 582 | 61.0 | 54.1 | 6.6 | 0 | 0 | 0 | 0 | 6 | 33 | 109 | 191 | 161 | 76 | 5 | 1 |
| **16:00** | 702 | 61.8 | 54.8 | 6.8 | 0 | 0 | 0 | 4 | 3 | 44 | 78 | 242 | 225 | 96 | 7 | 3 |
| **17:00** | 752 | 63.8 | 56.6 | 6.9 | 0 | 0 | 0 | 6 | 2 | 11 | 71 | 219 | 279 | 144 | 14 | 6 |
| **18:00** | 485 | 65.8 | 57.7 | 7.9 | 0 | 0 | 0 | 1 | 5 | 5 | 57 | 112 | 160 | 116 | 24 | 5 |
| **19:00** | 287 | 69.8 | 59.9 | 9.5 | 0 | 0 | 1 | 0 | 2 | 8 | 24 | 49 | 85 | 79 | 30 | 9 |
| **20:00** | 225 | 68.3 | 59.3 | 8.7 | 0 | 0 | 0 | 0 | 2 | 1 | 31 | 43 | 53 | 67 | 28 | 0 |
| **21:00** | 117 | 70.3 | 59.8 | 10.2 | 1 | 0 | 0 | 0 | 1 | 2 | 10 | 21 | 30 | 36 | 14 | 2 |
| **22:00** | 71 | 69.7 | 60.7 | 8.6 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 11 | 22 | 23 | 7 | 2 |
| **23:00** | 21 | 68.3 | 57.6 | 10.4 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 3 | 6 | 4 | 3 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 982 | 60.6 | 52.4 | 7.9 | 0 | 5 | 6 | 18 | 29 | 57 | 173 | 370 | 239 | 72 | 8 | 5 |
| **2H(14-16)** | 1109 | 60.9 | 53.6 | 7.1 | 0 | 0 | 0 | 12 | 20 | 66 | 190 | 399 | 280 | 126 | 14 | 2 |
| **12H(7-19)** | 6858 | 62.0 | 54.2 | 7.5 | 0 | 6 | 15 | 69 | 115 | 320 | 1084 | 2274 | 1961 | 878 | 103 | 33 |
| **24H(0-24)** | 8308 | 63.2 | 54.9 | 7.9 | 1 | 6 | 16 | 75 | 128 | 363 | 1253 | 2557 | 2357 | 1284 | 217 | 51 |
| **AM Peak** | 07:00 | 01:00 | 01:00 | 02:00 | 00:00 | 11:00 | 10:00 | 11:00 | 08:00 | 11:00 | 08:00 | 08:00 | 07:00 | 07:00 | 05:00 | 05:00 |
| | **723** | **71.9** | **62.0** | **10.3** | **0** | **3** | **6** | **10** | **17** | **31** | **124** | **228** | **256** | **94** | **11** | **5** |
| **PM Peak** | 17:00 | 21:00 | 22:00 | 23:00 | 21:00 | 13:00 | 19:00 | 14:00 | 14:00 | 16:00 | 15:00 | 16:00 | 17:00 | 17:00 | 19:00 | 19:00 |
| | **752** | **70.3** | **60.7** | **10.4** | **1** | **1** | **1** | **12** | **14** | **44** | **109** | **242** | **279** | **144** | **30** | **9** |

# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

**08/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 13 | 75.4 | 65.6 | 9.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 4 | 3 | 1 |
| **01:00** | 5 | 71.9 | 62.0 | 9.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 1 | 0 |
| **02:00** | 10 | 78.1 | 65.8 | 11.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 2 | 1 | 2 |
| **03:00** | 14 | 67.7 | 58.0 | 9.3 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 6 | 4 | 1 | 0 |
| **04:00** | 21 | 69.4 | 61.4 | 7.7 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 11 | 2 | 0 |
| **05:00** | 111 | 69.3 | 61.0 | 8.0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 20 | 33 | 41 | 9 | 3 |
| **06:00** | 197 | 66.4 | 58.7 | 7.5 | 0 | 0 | 0 | 0 | 0 | 5 | 7 | 52 | 71 | 47 | 13 | 2 |
| **07:00** | 386 | 62.1 | 54.5 | 7.3 | 0 | 0 | 2 | 6 | 2 | 20 | 52 | 112 | 133 | 54 | 5 | 0 |
| **08:00** | 364 | 61.6 | 55.3 | 6.1 | 0 | 0 | 0 | 0 | 0 | 6 | 51 | 141 | 111 | 49 | 4 | 2 |
| **09:00** | 237 | 62.0 | 54.8 | 6.9 | 0 | 0 | 0 | 0 | 0 | 13 | 38 | 83 | 67 | 29 | 6 | 1 |
| **10:00** | 266 | 60.8 | 53.8 | 6.8 | 0 | 0 | 0 | 0 | 0 | 17 | 57 | 105 | 48 | 34 | 4 | 1 |
| **11:00** | 262 | 60.0 | 53.1 | 6.7 | 0 | 0 | 0 | 0 | 2 | 20 | 62 | 95 | 52 | 28 | 2 | 1 |
| **12:00** | 235 | 62.5 | 53.8 | 8.5 | 0 | 1 | 0 | 0 | 5 | 17 | 52 | 66 | 59 | 28 | 3 | 4 |
| **13:00** | 286 | 61.0 | 53.8 | 6.9 | 0 | 0 | 2 | 0 | 2 | 11 | 63 | 98 | 71 | 36 | 2 | 1 |
| **14:00** | 310 | 64.8 | 54.6 | 9.8 | 0 | 1 | 11 | 1 | 2 | 14 | 50 | 73 | 94 | 51 | 11 | 2 |
| **15:00** | 383 | 61.8 | 54.3 | 7.3 | 0 | 0 | 2 | 0 | 0 | 16 | 103 | 100 | 92 | 63 | 7 | 0 |
| **16:00** | 422 | 62.3 | 55.5 | 6.6 | 0 | 1 | 0 | 0 | 1 | 21 | 36 | 143 | 148 | 65 | 7 | 0 |
| **17:00** | 387 | 63.5 | 56.2 | 7.0 | 0 | 0 | 0 | 0 | 7 | 15 | 31 | 106 | 149 | 68 | 10 | 1 |
| **18:00** | 258 | 67.7 | 59.7 | 7.8 | 0 | 0 | 0 | 1 | 0 | 2 | 18 | 50 | 79 | 89 | 15 | 4 |
| **19:00** | 191 | 68.3 | 60.0 | 7.9 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | 35 | 61 | 66 | 12 | 4 |
| **20:00** | 126 | 70.8 | 61.8 | 8.7 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 20 | 35 | 49 | 10 | 6 |
| **21:00** | 87 | 69.5 | 60.7 | 8.5 | 0 | 0 | 0 | 0 | 1 | 1 | 6 | 15 | 19 | 35 | 9 | 1 |
| **22:00** | 40 | 68.2 | 59.4 | 8.5 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 4 | 10 | 17 | 1 | 1 |
| **23:00** | 29 | 69.5 | 58.5 | 10.6 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 7 | 8 | 7 | 4 | 0 |
| **Total 2H(10-12)** | 528 | 60.4 | 53.4 | 6.8 | 0 | 0 | 0 | 0 | 2 | 37 | 119 | 200 | 100 | 62 | 6 | 2 |
| **2H(14-16)** | 693 | 63.2 | 54.4 | 8.5 | 0 | 1 | 13 | 1 | 2 | 30 | 153 | 173 | 186 | 114 | 18 | 2 |
| **12H(7-19)** | 3796 | 62.7 | 55.0 | 7.5 | 0 | 3 | 17 | 8 | 21 | 172 | 613 | 1172 | 1103 | 594 | 76 | 17 |
| **24H(0-24)** | 4640 | 64.1 | 55.9 | 7.9 | 0 | 3 | 18 | 8 | 23 | 188 | 653 | 1332 | 1357 | 879 | 142 | 37 |
| **AM Peak** | 07:00 | 02:00 | 02:00 | 02:00 | 00:00 | 00:00 | 07:00 | 07:00 | 07:00 | 07:00 | 11:00 | 08:00 | 07:00 | 07:00 | 06:00 | 05:00 |
| | **386** | **78.1** | **65.8** | **11.9** | **0** | **0** | **2** | **6** | **2** | **20** | **62** | **141** | **133** | **54** | **13** | **3** |
| **PM Peak** | 16:00 | 20:00 | 20:00 | 23:00 | 12:00 | 12:00 | 14:00 | 14:00 | 17:00 | 16:00 | 15:00 | 16:00 | 17:00 | 18:00 | 18:00 | 20:00 |
| | **422** | **70.8** | **61.8** | **10.6** | **0** | **1** | **11** | **1** | **7** | **21** | **103** | **143** | **149** | **89** | **15** | **6** |



**Direction: Westbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 4 | 80.3 | 68.1 | 11.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 1 |
| **01:00** | 4 | 54.0 | 46.3 | 7.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 |
| **02:00** | 6 | 57.2 | 53.3 | 3.8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 2 | 0 | 0 | 0 |
| **03:00** | 15 | 60.3 | 52.5 | 7.5 | 0 | 0 | 0 | 0 | 0 | 2 | 6 | 0 | 5 | 2 | 0 | 0 |
| **04:00** | 39 | 69.6 | 59.8 | 9.4 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 7 | 9 | 15 | 1 | 2 |
| **05:00** | 111 | 66.3 | 58.6 | 7.4 | 0 | 0 | 0 | 0 | 0 | 1 | 16 | 19 | 29 | 41 | 5 | 0 |
| **06:00** | 183 | 63.2 | 55.1 | 7.9 | 0 | 0 | 1 | 1 | 3 | 7 | 32 | 53 | 43 | 39 | 4 | 0 |
| **07:00** | 353 | 62.0 | 54.2 | 7.5 | 0 | 0 | 0 | 3 | 6 | 27 | 54 | 110 | 90 | 57 | 6 | 0 |
| **08:00** | 311 | 61.6 | 53.0 | 8.4 | 0 | 0 | 3 | 2 | 10 | 24 | 66 | 90 | 78 | 28 | 8 | 2 |
| **09:00** | 253 | 63.4 | 54.0 | 9.0 | 0 | 0 | 0 | 0 | 8 | 20 | 57 | 77 | 47 | 28 | 12 | 4 |
| **10:00** | 196 | 60.0 | 51.5 | 8.2 | 0 | 0 | 4 | 0 | 13 | 18 | 37 | 62 | 41 | 20 | 1 | 0 |
| **11:00** | 217 | 60.6 | 52.6 | 7.8 | 0 | 0 | 1 | 2 | 3 | 18 | 64 | 54 | 47 | 26 | 0 | 2 |
| **12:00** | 208 | 61.6 | 52.8 | 8.5 | 0 | 0 | 1 | 1 | 9 | 17 | 50 | 62 | 38 | 22 | 7 | 1 |
| **13:00** | 209 | 61.8 | 53.4 | 8.1 | 0 | 0 | 0 | 0 | 8 | 21 | 39 | 61 | 46 | 30 | 2 | 2 |
| **14:00** | 250 | 60.8 | 53.3 | 7.2 | 0 | 0 | 0 | 0 | 2 | 31 | 43 | 83 | 57 | 29 | 5 | 0 |
| **15:00** | 258 | 62.9 | 53.8 | 8.7 | 0 | 1 | 0 | 0 | 9 | 30 | 36 | 71 | 65 | 38 | 6 | 2 |
| **16:00** | 353 | 62.8 | 54.0 | 8.5 | 0 | 0 | 0 | 6 | 8 | 34 | 61 | 86 | 85 | 65 | 7 | 1 |
| **17:00** | 325 | 64.6 | 56.9 | 7.4 | 0 | 0 | 1 | 0 | 0 | 5 | 39 | 89 | 115 | 63 | 8 | 5 |
| **18:00** | 179 | 66.0 | 58.6 | 7.2 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 41 | 64 | 46 | 11 | 1 |
| **19:00** | 101 | 68.6 | 59.2 | 9.1 | 0 | 0 | 1 | 0 | 3 | 1 | 5 | 22 | 23 | 38 | 7 | 1 |
| **20:00** | 74 | 68.6 | 58.2 | 10.1 | 0 | 0 | 0 | 2 | 1 | 1 | 4 | 24 | 17 | 16 | 7 | 2 |
| **21:00** | 56 | 67.2 | 59.1 | 7.8 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 11 | 20 | 16 | 3 | 1 |
| **22:00** | 38 | 63.1 | 56.1 | 6.8 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 12 | 17 | 5 | 1 | 0 |
| **23:00** | 19 | 71.0 | 57.9 | 12.6 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 3 | 3 | 2 | 5 | 0 |
| **Total 2H(10-12)** | 413 | 60.3 | 52.1 | 8.0 | 0 | 0 | 5 | 2 | 16 | 36 | 101 | 116 | 88 | 46 | 1 | 2 |
| **2H(14-16)** | 508 | 61.9 | 53.6 | 8.0 | 0 | 1 | 0 | 0 | 11 | 61 | 79 | 154 | 122 | 67 | 11 | 2 |
| **12H(7-19)** | 3112 | 62.6 | 54.0 | 8.2 | 0 | 1 | 10 | 14 | 76 | 245 | 562 | 886 | 773 | 452 | 73 | 20 |
| **24H(0-24)** | 3762 | 63.3 | 54.6 | 8.4 | 0 | 1 | 12 | 17 | 87 | 263 | 637 | 1042 | 942 | 628 | 106 | 27 |
| **AM Peak** | 07:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 10:00 | 07:00 | 10:00 | 07:00 | 08:00 | 07:00 | 07:00 | 07:00 | 09:00 | 09:00 |
| | **353** | **80.3** | **68.1** | **11.8** | **0** | **0** | **4** | **3** | **13** | **27** | **66** | **110** | **90** | **57** | **12** | **4** |
| **PM Peak** | 16:00 | 23:00 | 19:00 | 23:00 | 12:00 | 15:00 | 12:00 | 16:00 | 12:00 | 16:00 | 16:00 | 17:00 | 17:00 | 16:00 | 18:00 | 17:00 |
| | **353** | **71.0** | **59.2** | **12.6** | **0** | **1** | **1** | **6** | **9** | **34** | **61** | **89** | **115** | **65** | **11** | **5** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 17 | 76.3 | 66.2 | 9.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 6 | 3 | 2 |
| **01:00** | 9 | 67.1 | 55.0 | 11.7 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 4 | 0 | 2 | 1 | 0 |
| **02:00** | 16 | 72.8 | 61.1 | 11.3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 6 | 2 | 1 | 2 |
| **03:00** | 29 | 64.2 | 55.2 | 8.7 | 0 | 0 | 0 | 0 | 1 | 2 | 8 | 0 | 11 | 6 | 1 | 0 |
| **04:00** | 60 | 69.5 | 60.4 | 8.8 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 10 | 12 | 26 | 3 | 2 |
| **05:00** | 222 | 67.9 | 59.8 | 7.8 | 0 | 0 | 0 | 0 | 0 | 2 | 20 | 39 | 62 | 82 | 14 | 3 |
| **06:00** | 380 | 65.1 | 56.9 | 7.9 | 0 | 0 | 1 | 1 | 3 | 12 | 39 | 105 | 114 | 86 | 17 | 2 |
| **07:00** | 739 | 62.0 | 54.4 | 7.4 | 0 | 0 | 2 | 9 | 8 | 47 | 106 | 222 | 223 | 111 | 11 | 0 |
| **08:00** | 675 | 61.8 | 54.2 | 7.3 | 0 | 0 | 3 | 2 | 10 | 30 | 117 | 231 | 189 | 77 | 12 | 4 |
| **09:00** | 490 | 62.8 | 54.4 | 8.1 | 0 | 0 | 0 | 0 | 8 | 33 | 95 | 160 | 114 | 57 | 18 | 5 |
| **10:00** | 462 | 60.6 | 52.8 | 7.5 | 0 | 0 | 4 | 0 | 13 | 35 | 94 | 167 | 89 | 54 | 5 | 1 |
| **11:00** | 479 | 60.3 | 52.8 | 7.2 | 0 | 0 | 1 | 2 | 5 | 38 | 126 | 149 | 99 | 54 | 2 | 3 |
| **12:00** | 443 | 62.1 | 53.3 | 8.5 | 0 | 1 | 1 | 1 | 14 | 34 | 102 | 128 | 97 | 50 | 10 | 5 |
| **13:00** | 495 | 61.3 | 53.6 | 7.4 | 0 | 0 | 2 | 0 | 10 | 32 | 102 | 159 | 117 | 66 | 4 | 3 |
| **14:00** | 560 | 63.1 | 54.0 | 8.8 | 0 | 1 | 11 | 1 | 4 | 45 | 93 | 156 | 151 | 80 | 16 | 2 |
| **15:00** | 641 | 62.3 | 54.1 | 7.9 | 0 | 1 | 2 | 0 | 9 | 46 | 139 | 171 | 157 | 101 | 13 | 2 |
| **16:00** | 775 | 62.6 | 54.8 | 7.5 | 0 | 1 | 0 | 6 | 9 | 55 | 97 | 229 | 233 | 130 | 14 | 1 |
| **17:00** | 712 | 64.0 | 56.5 | 7.2 | 0 | 0 | 1 | 0 | 7 | 20 | 70 | 195 | 264 | 131 | 18 | 6 |
| **18:00** | 437 | 67.0 | 59.2 | 7.5 | 0 | 0 | 0 | 1 | 0 | 2 | 34 | 91 | 143 | 135 | 26 | 5 |
| **19:00** | 292 | 68.4 | 59.7 | 8.4 | 0 | 0 | 1 | 0 | 3 | 6 | 13 | 57 | 84 | 104 | 19 | 5 |
| **20:00** | 200 | 70.1 | 60.5 | 9.3 | 0 | 0 | 0 | 2 | 1 | 3 | 8 | 44 | 52 | 65 | 17 | 8 |
| **21:00** | 143 | 68.6 | 60.1 | 8.2 | 0 | 0 | 0 | 0 | 1 | 2 | 10 | 26 | 39 | 51 | 12 | 2 |
| **22:00** | 78 | 65.9 | 57.8 | 7.8 | 0 | 0 | 0 | 0 | 2 | 1 | 7 | 16 | 27 | 22 | 2 | 1 |
| **23:00** | 48 | 70.0 | 58.3 | 11.3 | 0 | 0 | 1 | 0 | 1 | 3 | 4 | 10 | 11 | 9 | 9 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 941 | 60.4 | 52.8 | 7.3 | 0 | 0 | 5 | 2 | 18 | 73 | 220 | 316 | 188 | 108 | 7 | 4 |
| **2H(14-16)** | 1201 | 62.7 | 54.1 | 8.3 | 0 | 2 | 13 | 1 | 13 | 91 | 232 | 327 | 308 | 181 | 29 | 4 |
| **12H(7-19)** | 6908 | 62.7 | 54.6 | 7.8 | 0 | 4 | 27 | 22 | 97 | 417 | 1175 | 2058 | 1876 | 1046 | 149 | 37 |
| **24H(0-24)** | 8402 | 63.8 | 55.3 | 8.2 | 0 | 4 | 30 | 25 | 110 | 451 | 1290 | 2374 | 2299 | 1507 | 248 | 64 |
| **AM Peak** | 07:00 | 00:00 | 00:00 | 01:00 | 00:00 | 00:00 | 10:00 | 07:00 | 10:00 | 07:00 | 11:00 | 08:00 | 07:00 | 07:00 | 09:00 | 09:00 |
| | **739** | **76.3** | **66.2** | **11.7** | **0** | **0** | **4** | **9** | **13** | **47** | **126** | **231** | **223** | **111** | **18** | **5** |
| **PM Peak** | 16:00 | 20:00 | 20:00 | 23:00 | 12:00 | 12:00 | 14:00 | 16:00 | 12:00 | 16:00 | 15:00 | 16:00 | 17:00 | 18:00 | 18:00 | 20:00 |
| | **775** | **70.1** | **60.5** | **11.3** | **0** | **1** | **11** | **6** | **14** | **55** | **139** | **229** | **264** | **135** | **26** | **8** |

# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

**09/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 15 | 72.8 | 64.0 | 8.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 9 | 1 | 1 |
| **01:00** | 8 | 76.2 | 62.5 | 13.2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 2 | 1 | 1 |
| **02:00** | 6 | 76.6 | 64.6 | 11.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 3 | 0 |
| **03:00** | 20 | 72.0 | 61.1 | 10.5 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 2 | 2 | 10 | 3 | 0 |
| **04:00** | 24 | 78.1 | 65.2 | 12.4 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 5 | 6 | 4 | 4 |
| **05:00** | 103 | 69.8 | 62.2 | 7.4 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 10 | 33 | 45 | 10 | 2 |
| **06:00** | 170 | 68.3 | 59.5 | 8.4 | 0 | 0 | 0 | 0 | 0 | 2 | 17 | 31 | 53 | 52 | 10 | 5 |
| **07:00** | 388 | 62.3 | 55.4 | 6.7 | 0 | 0 | 1 | 1 | 0 | 12 | 60 | 121 | 117 | 71 | 5 | 0 |
| **08:00** | 336 | 62.6 | 54.9 | 7.4 | 0 | 0 | 2 | 0 | 5 | 12 | 57 | 103 | 95 | 55 | 6 | 1 |
| **09:00** | 291 | 60.5 | 53.3 | 6.9 | 0 | 0 | 0 | 9 | 2 | 8 | 55 | 109 | 76 | 29 | 3 | 0 |
| **10:00** | 256 | 62.0 | 54.8 | 6.9 | 0 | 0 | 0 | 1 | 2 | 8 | 41 | 91 | 73 | 34 | 5 | 1 |
| **11:00** | 283 | 61.9 | 54.8 | 6.9 | 0 | 0 | 0 | 0 | 6 | 15 | 37 | 92 | 85 | 44 | 4 | 0 |
| **12:00** | 291 | 62.8 | 55.0 | 7.5 | 0 | 0 | 0 | 5 | 0 | 9 | 47 | 96 | 80 | 47 | 5 | 2 |
| **13:00** | 317 | 61.1 | 54.4 | 6.5 | 0 | 0 | 0 | 0 | 1 | 10 | 63 | 110 | 95 | 30 | 7 | 1 |
| **14:00** | 361 | 62.1 | 55.0 | 6.8 | 0 | 0 | 0 | 4 | 0 | 5 | 57 | 137 | 97 | 56 | 2 | 3 |
| **15:00** | 344 | 64.8 | 55.1 | 9.4 | 0 | 0 | 0 | 15 | 6 | 16 | 43 | 92 | 93 | 62 | 14 | 3 |
| **16:00** | 457 | 63.9 | 55.8 | 7.8 | 0 | 0 | 0 | 0 | 18 | 27 | 40 | 106 | 160 | 95 | 10 | 1 |
| **17:00** | 387 | 65.4 | 57.7 | 7.5 | 0 | 0 | 0 | 4 | 1 | 1 | 42 | 84 | 138 | 104 | 8 | 5 |
| **18:00** | 267 | 68.7 | 60.3 | 8.1 | 0 | 0 | 0 | 0 | 0 | 1 | 18 | 51 | 81 | 88 | 22 | 6 |
| **19:00** | 160 | 69.5 | 60.6 | 8.6 | 0 | 0 | 0 | 0 | 0 | 4 | 11 | 24 | 46 | 58 | 12 | 5 |
| **20:00** | 114 | 69.9 | 61.2 | 8.4 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 13 | 28 | 44 | 15 | 1 |
| **21:00** | 92 | 69.1 | 59.3 | 9.4 | 0 | 0 | 0 | 0 | 0 | 3 | 13 | 15 | 24 | 25 | 10 | 2 |
| **22:00** | 52 | 70.1 | 59.2 | 10.5 | 0 | 1 | 0 | 0 | 0 | 2 | 4 | 7 | 16 | 15 | 7 | 0 |
| **23:00** | 26 | 72.2 | 62.5 | 9.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 5 | 10 | 2 | 2 |
| **Total 2H(10-12)** | 539 | 61.9 | 54.8 | 6.9 | 0 | 0 | 0 | 1 | 8 | 23 | 78 | 183 | 158 | 78 | 9 | 1 |
| **2H(14-16)** | 705 | 63.5 | 55.1 | 8.1 | 0 | 0 | 0 | 19 | 6 | 21 | 100 | 229 | 190 | 118 | 16 | 6 |
| **12H(7-19)** | 3978 | 63.4 | 55.6 | 7.6 | 0 | 0 | 3 | 39 | 41 | 124 | 560 | 1192 | 1190 | 715 | 91 | 23 |
| **24H(0-24)** | 4768 | 64.8 | 56.4 | 8.1 | 0 | 1 | 3 | 40 | 41 | 139 | 622 | 1310 | 1406 | 991 | 169 | 46 |
| **AM Peak** | 07:00 | 04:00 | 04:00 | 01:00 | 00:00 | 00:00 | 08:00 | 09:00 | 11:00 | 11:00 | 07:00 | 07:00 | 07:00 | 07:00 | 05:00 | 06:00 |
| | **388** | **78.1** | **65.2** | **13.2** | **0** | **0** | **2** | **9** | **6** | **15** | **60** | **121** | **117** | **71** | **10** | **5** |
| **PM Peak** | 16:00 | 23:00 | 23:00 | 22:00 | 12:00 | 22:00 | 12:00 | 15:00 | 16:00 | 16:00 | 13:00 | 14:00 | 16:00 | 17:00 | 18:00 | 18:00 |
| | **457** | **72.2** | **62.5** | **10.5** | **0** | **1** | **0** | **15** | **18** | **27** | **63** | **137** | **160** | **104** | **22** | **6** |



**Direction: Westbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 8 | 69.2 | 61.3 | 7.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 1 | 0 |
| **01:00** | 6 | 69.1 | 59.2 | 9.6 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 4 | 0 | 0 |
| **02:00** | 5 | 70.6 | 57.5 | 12.6 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 1 | 0 |
| **03:00** | 8 | 63.1 | 58.8 | 4.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 2 | 0 | 0 |
| **04:00** | 52 | 64.9 | 55.6 | 9.0 | 0 | 0 | 0 | 0 | 1 | 4 | 9 | 15 | 9 | 10 | 4 | 0 |
| **05:00** | 127 | 64.8 | 56.1 | 8.3 | 0 | 0 | 0 | 0 | 3 | 11 | 10 | 31 | 39 | 28 | 4 | 1 |
| **06:00** | 175 | 64.7 | 56.3 | 8.1 | 0 | 0 | 0 | 0 | 0 | 8 | 26 | 55 | 44 | 30 | 11 | 1 |
| **07:00** | 323 | 62.7 | 54.8 | 7.6 | 0 | 0 | 1 | 1 | 6 | 12 | 61 | 99 | 76 | 59 | 8 | 0 |
| **08:00** | 291 | 60.8 | 54.4 | 6.2 | 0 | 0 | 0 | 0 | 0 | 12 | 55 | 94 | 100 | 26 | 2 | 2 |
| **09:00** | 219 | 62.6 | 53.5 | 8.8 | 0 | 0 | 6 | 1 | 6 | 11 | 39 | 60 | 59 | 33 | 4 | 0 |
| **10:00** | 255 | 61.2 | 53.0 | 7.8 | 0 | 0 | 0 | 0 | 4 | 26 | 62 | 83 | 43 | 31 | 3 | 3 |
| **11:00** | 240 | 62.8 | 53.2 | 9.3 | 0 | 0 | 0 | 10 | 4 | 34 | 37 | 44 | 67 | 39 | 3 | 2 |
| **12:00** | 241 | 61.6 | 51.5 | 9.8 | 0 | 0 | 4 | 9 | 19 | 21 | 33 | 79 | 45 | 24 | 5 | 2 |
| **13:00** | 233 | 61.5 | 53.7 | 7.6 | 0 | 0 | 0 | 0 | 14 | 12 | 48 | 51 | 69 | 38 | 1 | 0 |
| **14:00** | 259 | 62.7 | 53.3 | 9.1 | 0 | 0 | 3 | 17 | 6 | 8 | 31 | 72 | 81 | 38 | 3 | 0 |
| **15:00** | 319 | 62.6 | 53.8 | 8.4 | 0 | 0 | 4 | 9 | 1 | 8 | 64 | 100 | 86 | 39 | 5 | 3 |
| **16:00** | 306 | 62.3 | 54.1 | 7.9 | 0 | 0 | 4 | 3 | 1 | 15 | 57 | 96 | 76 | 49 | 4 | 1 |
| **17:00** | 309 | 64.0 | 56.6 | 7.2 | 0 | 0 | 0 | 3 | 0 | 6 | 34 | 100 | 81 | 78 | 6 | 1 |
| **18:00** | 196 | 66.1 | 58.6 | 7.3 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 52 | 64 | 54 | 8 | 3 |
| **19:00** | 120 | 68.2 | 59.6 | 8.3 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 23 | 45 | 34 | 6 | 4 |
| **20:00** | 79 | 68.7 | 60.3 | 8.0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 11 | 29 | 24 | 8 | 1 |
| **21:00** | 69 | 66.6 | 58.8 | 7.5 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 16 | 22 | 23 | 2 | 1 |
| **22:00** | 34 | 65.4 | 57.2 | 7.9 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | 7 | 11 | 8 | 2 | 0 |
| **23:00** | 19 | 63.9 | 55.0 | 8.6 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 5 | 5 | 5 | 0 | 0 |
| **Total 2H(10-12)** | 495 | 62.0 | 53.1 | 8.5 | 0 | 0 | 0 | 10 | 8 | 60 | 99 | 127 | 110 | 70 | 6 | 5 |
| **2H(14-16)** | 578 | 62.6 | 53.6 | 8.7 | 0 | 0 | 7 | 26 | 7 | 16 | 95 | 172 | 167 | 77 | 8 | 3 |
| **12H(7-19)** | 3191 | 62.7 | 54.2 | 8.3 | 0 | 0 | 22 | 53 | 61 | 165 | 536 | 930 | 847 | 508 | 52 | 17 |
| **24H(0-24)** | 3893 | 63.5 | 54.8 | 8.4 | 0 | 0 | 22 | 54 | 66 | 200 | 598 | 1099 | 1058 | 680 | 91 | 25 |
| **AM Peak** | 07:00 | 02:00 | 00:00 | 02:00 | 00:00 | 00:00 | 09:00 | 11:00 | 07:00 | 11:00 | 10:00 | 07:00 | 08:00 | 07:00 | 06:00 | 10:00 |
| | **323** | **70.6** | **61.3** | **12.6** | **0** | **0** | **6** | **10** | **6** | **34** | **62** | **99** | **100** | **59** | **11** | **3** |
| **PM Peak** | 15:00 | 20:00 | 20:00 | 12:00 | 12:00 | 12:00 | 12:00 | 14:00 | 12:00 | 12:00 | 15:00 | 15:00 | 15:00 | 17:00 | 18:00 | 19:00 |
| | **319** | **68.7** | **60.3** | **9.8** | **0** | **0** | **4** | **17** | **19** | **21** | **64** | **100** | **86** | **78** | **8** | **4** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 23 | 71.5 | 63.0 | 8.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 12 | 2 | 1 |
| **01:00** | 14 | 73.0 | 61.1 | 11.5 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 2 | 6 | 1 | 1 |
| **02:00** | 11 | 73.8 | 61.4 | 12.0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 4 | 1 | 1 | 4 | 0 |
| **03:00** | 28 | 69.9 | 60.4 | 9.1 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 3 | 7 | 12 | 3 | 0 |
| **04:00** | 76 | 70.1 | 58.6 | 11.1 | 0 | 0 | 0 | 0 | 1 | 5 | 10 | 18 | 14 | 16 | 8 | 4 |
| **05:00** | 230 | 67.6 | 58.8 | 8.5 | 0 | 0 | 0 | 0 | 3 | 12 | 12 | 41 | 72 | 73 | 14 | 3 |
| **06:00** | 345 | 66.6 | 57.9 | 8.4 | 0 | 0 | 0 | 0 | 0 | 10 | 43 | 86 | 97 | 82 | 21 | 6 |
| **07:00** | 711 | 62.5 | 55.1 | 7.1 | 0 | 0 | 2 | 2 | 6 | 24 | 121 | 220 | 193 | 130 | 13 | 0 |
| **08:00** | 627 | 61.8 | 54.6 | 6.9 | 0 | 0 | 2 | 0 | 5 | 24 | 112 | 197 | 195 | 81 | 8 | 3 |
| **09:00** | 510 | 61.5 | 53.4 | 7.8 | 0 | 0 | 6 | 10 | 8 | 19 | 94 | 169 | 135 | 62 | 7 | 0 |
| **10:00** | 511 | 61.6 | 53.9 | 7.4 | 0 | 0 | 0 | 1 | 6 | 34 | 103 | 174 | 116 | 65 | 8 | 4 |
| **11:00** | 523 | 62.4 | 54.0 | 8.1 | 0 | 0 | 0 | 10 | 10 | 49 | 74 | 136 | 152 | 83 | 7 | 2 |
| **12:00** | 532 | 62.5 | 53.4 | 8.8 | 0 | 0 | 4 | 14 | 19 | 30 | 80 | 175 | 125 | 71 | 10 | 4 |
| **13:00** | 550 | 61.3 | 54.1 | 7.0 | 0 | 0 | 0 | 0 | 15 | 22 | 111 | 161 | 164 | 68 | 8 | 1 |
| **14:00** | 620 | 62.5 | 54.3 | 7.9 | 0 | 0 | 3 | 21 | 6 | 13 | 88 | 209 | 178 | 94 | 5 | 3 |
| **15:00** | 663 | 63.7 | 54.5 | 8.9 | 0 | 0 | 4 | 24 | 7 | 24 | 107 | 192 | 179 | 101 | 19 | 6 |
| **16:00** | 763 | 63.3 | 55.1 | 7.9 | 0 | 0 | 4 | 3 | 19 | 42 | 97 | 202 | 236 | 144 | 14 | 2 |
| **17:00** | 696 | 64.8 | 57.2 | 7.4 | 0 | 0 | 0 | 7 | 1 | 7 | 76 | 184 | 219 | 182 | 14 | 6 |
| **18:00** | 463 | 67.7 | 59.6 | 7.8 | 0 | 0 | 0 | 0 | 0 | 1 | 33 | 103 | 145 | 142 | 30 | 9 |
| **19:00** | 280 | 68.9 | 60.2 | 8.5 | 0 | 0 | 0 | 0 | 0 | 8 | 15 | 47 | 91 | 92 | 18 | 9 |
| **20:00** | 193 | 69.4 | 60.8 | 8.3 | 0 | 0 | 0 | 0 | 0 | 3 | 16 | 24 | 57 | 68 | 23 | 2 |
| **21:00** | 161 | 68.0 | 59.1 | 8.6 | 0 | 0 | 0 | 0 | 1 | 4 | 16 | 31 | 46 | 48 | 12 | 3 |
| **22:00** | 86 | 68.4 | 58.4 | 9.6 | 0 | 1 | 0 | 0 | 0 | 4 | 8 | 14 | 27 | 23 | 9 | 0 |
| **23:00** | 45 | 69.4 | 59.3 | 9.7 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 12 | 10 | 15 | 2 | 2 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 1034 | 62.0 | 54.0 | 7.8 | 0 | 0 | 0 | 11 | 16 | 83 | 177 | 310 | 268 | 148 | 15 | 6 |
| **2H(14-16)** | 1283 | 63.1 | 54.4 | 8.4 | 0 | 0 | 7 | 45 | 13 | 37 | 195 | 401 | 357 | 195 | 24 | 9 |
| **12H(7-19)** | 7169 | 63.1 | 54.9 | 7.9 | 0 | 0 | 25 | 92 | 102 | 289 | 1096 | 2122 | 2037 | 1223 | 143 | 40 |
| **24H(0-24)** | 8661 | 64.2 | 55.7 | 8.2 | 0 | 1 | 25 | 94 | 107 | 339 | 1220 | 2409 | 2464 | 1671 | 260 | 71 |
| **AM Peak** | 07:00 | 02:00 | 00:00 | 02:00 | 00:00 | 00:00 | 09:00 | 09:00 | 11:00 | 11:00 | 07:00 | 07:00 | 08:00 | 07:00 | 06:00 | 06:00 |
| | **711** | **73.8** | **63.0** | **12.0** | **0** | **0** | **6** | **10** | **10** | **49** | **121** | **220** | **195** | **130** | **21** | **6** |
| **PM Peak** | 16:00 | 23:00 | 20:00 | 23:00 | 12:00 | 22:00 | 12:00 | 15:00 | 12:00 | 16:00 | 13:00 | 14:00 | 16:00 | 17:00 | 18:00 | 18:00 |
| | **763** | **69.4** | **60.8** | **9.7** | **0** | **1** | **4** | **24** | **19** | **42** | **111** | **209** | **236** | **182** | **30** | **9** |

# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

**10/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 27 | 76.8 | 66.6 | 9.9 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 4 | 10 | 8 | 2 |
| **01:00** | 10 | 76.1 | 66.8 | 9.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 2 | 1 |
| **02:00** | 10 | 73.3 | 66.5 | 6.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 3 | 0 |
| **03:00** | 7 | 66.8 | 54.6 | 11.8 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 1 | 1 | 1 | 0 |
| **04:00** | 8 | 73.1 | 59.4 | 13.2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 2 | 0 |
| **05:00** | 47 | 68.1 | 60.4 | 7.4 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 7 | 9 | 25 | 2 | 0 |
| **06:00** | 62 | 69.8 | 60.9 | 8.6 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 8 | 23 | 16 | 9 | 1 |
| **07:00** | 146 | 67.0 | 58.5 | 8.2 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 44 | 51 | 26 | 10 | 4 |
| **08:00** | 251 | 64.4 | 54.9 | 9.2 | 0 | 3 | 2 | 4 | 0 | 6 | 28 | 102 | 51 | 45 | 9 | 1 |
| **09:00** | 254 | 64.6 | 56.5 | 7.9 | 0 | 0 | 0 | 6 | 1 | 8 | 19 | 71 | 87 | 51 | 11 | 0 |
| **10:00** | 287 | 66.9 | 59.0 | 7.7 | 0 | 0 | 0 | 0 | 0 | 6 | 22 | 60 | 85 | 101 | 7 | 6 |
| **11:00** | 273 | 66.6 | 59.2 | 7.1 | 0 | 0 | 1 | 0 | 0 | 1 | 8 | 70 | 90 | 89 | 11 | 3 |
| **12:00** | 251 | 67.2 | 59.4 | 7.5 | 0 | 0 | 0 | 0 | 0 | 2 | 17 | 51 | 84 | 80 | 13 | 4 |
| **13:00** | 223 | 67.6 | 59.0 | 8.3 | 0 | 0 | 0 | 0 | 9 | 2 | 12 | 36 | 74 | 74 | 15 | 1 |
| **14:00** | 252 | 67.7 | 59.0 | 8.4 | 0 | 0 | 0 | 0 | 0 | 9 | 22 | 50 | 75 | 74 | 18 | 4 |
| **15:00** | 206 | 68.3 | 60.9 | 7.2 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 29 | 80 | 73 | 14 | 4 |
| **16:00** | 226 | 68.0 | 59.7 | 8.1 | 0 | 0 | 0 | 0 | 1 | 1 | 16 | 45 | 78 | 62 | 19 | 4 |
| **17:00** | 217 | 70.2 | 62.1 | 7.8 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 27 | 66 | 89 | 22 | 6 |
| **18:00** | 161 | 69.8 | 61.3 | 8.3 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 33 | 36 | 66 | 13 | 5 |
| **19:00** | 129 | 71.0 | 62.8 | 7.9 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 12 | 40 | 55 | 15 | 4 |
| **20:00** | 99 | 70.8 | 61.5 | 8.9 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 20 | 27 | 33 | 11 | 4 |
| **21:00** | 58 | 69.9 | 61.3 | 8.4 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 8 | 20 | 20 | 5 | 2 |
| **22:00** | 51 | 70.3 | 60.3 | 9.6 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | 4 | 15 | 18 | 4 | 2 |
| **23:00** | 28 | 72.4 | 63.0 | 9.0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 4 | 13 | 4 | 1 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 560 | 66.8 | 59.1 | 7.4 | 0 | 0 | 1 | 0 | 0 | 7 | 30 | 130 | 175 | 190 | 18 | 9 |
| **2H(14-16)** | 458 | 68.0 | 59.8 | 7.9 | 0 | 0 | 0 | 0 | 0 | 10 | 27 | 79 | 155 | 147 | 32 | 8 |
| **12H(7-19)** | 2747 | 67.5 | 59.0 | 8.2 | 0 | 3 | 3 | 10 | 11 | 40 | 171 | 618 | 857 | 830 | 162 | 42 |
| **24H(0-24)** | 3283 | 68.1 | 59.5 | 8.3 | 0 | 3 | 3 | 10 | 13 | 51 | 194 | 684 | 1006 | 1032 | 228 | 59 |
| **AM Peak** | 10:00 | 00:00 | 01:00 | 04:00 | 00:00 | 08:00 | 08:00 | 09:00 | 04:00 | 09:00 | 08:00 | 08:00 | 11:00 | 10:00 | 09:00 | 10:00 |
| | **287** | **76.8** | **66.8** | **13.2** | **0** | **3** | **2** | **6** | **1** | **8** | **28** | **102** | **90** | **101** | **11** | **6** |
| **PM Peak** | 14:00 | 23:00 | 23:00 | 22:00 | 12:00 | 12:00 | 12:00 | 12:00 | 13:00 | 14:00 | 14:00 | 12:00 | 12:00 | 17:00 | 17:00 | 17:00 |
| | **252** | **72.4** | **63.0** | **9.6** | **0** | **0** | **0** | **0** | **9** | **9** | **22** | **51** | **84** | **89** | **22** | **6** |



**Direction: Westbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 10 | 68.0 | 60.0 | 7.7 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 3 | 1 | 0 |
| **01:00** | 2 | 77.3 | 70.0 | 7.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| **02:00** | 3 | 74.9 | 65.8 | 8.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 |
| **03:00** | 7 | 69.9 | 63.2 | 6.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 1 | 0 |
| **04:00** | 9 | 65.6 | 58.6 | 6.7 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 4 | 0 | 0 |
| **05:00** | 35 | 68.5 | 60.1 | 8.1 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 7 | 7 | 15 | 3 | 0 |
| **06:00** | 55 | 67.1 | 59.0 | 7.8 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 12 | 18 | 15 | 5 | 0 |
| **07:00** | 139 | 66.6 | 57.1 | 9.1 | 0 | 0 | 2 | 0 | 2 | 5 | 12 | 32 | 48 | 28 | 8 | 2 |
| **08:00** | 162 | 66.0 | 57.8 | 7.9 | 0 | 0 | 1 | 0 | 0 | 2 | 17 | 41 | 51 | 40 | 9 | 1 |
| **09:00** | 227 | 63.4 | 56.0 | 7.0 | 0 | 0 | 0 | 0 | 1 | 3 | 32 | 78 | 67 | 38 | 6 | 2 |
| **10:00** | 236 | 64.3 | 56.6 | 7.4 | 0 | 0 | 0 | 0 | 0 | 11 | 26 | 57 | 93 | 36 | 12 | 1 |
| **11:00** | 235 | 65.0 | 56.4 | 8.3 | 0 | 0 | 0 | 2 | 0 | 12 | 35 | 60 | 62 | 51 | 12 | 1 |
| **12:00** | 221 | 63.8 | 55.7 | 7.7 | 0 | 0 | 0 | 0 | 0 | 10 | 44 | 51 | 70 | 38 | 5 | 3 |
| **13:00** | 196 | 65.9 | 57.5 | 8.1 | 0 | 0 | 0 | 3 | 0 | 2 | 20 | 51 | 66 | 41 | 11 | 2 |
| **14:00** | 214 | 64.7 | 56.6 | 7.9 | 0 | 0 | 0 | 0 | 3 | 8 | 19 | 66 | 67 | 44 | 2 | 5 |
| **15:00** | 186 | 65.0 | 57.8 | 6.9 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 60 | 56 | 46 | 8 | 1 |
| **16:00** | 176 | 65.5 | 57.1 | 8.1 | 0 | 0 | 0 | 0 | 0 | 8 | 17 | 57 | 41 | 46 | 3 | 4 |
| **17:00** | 192 | 67.0 | 58.8 | 7.9 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 42 | 64 | 49 | 13 | 3 |
| **18:00** | 154 | 66.6 | 59.3 | 7.0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 31 | 64 | 40 | 9 | 2 |
| **19:00** | 98 | 66.8 | 59.5 | 7.1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 21 | 37 | 26 | 9 | 0 |
| **20:00** | 51 | 69.2 | 60.1 | 8.7 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 3 | 22 | 12 | 6 | 1 |
| **21:00** | 61 | 68.5 | 57.6 | 10.5 | 0 | 0 | 2 | 0 | 0 | 0 | 9 | 13 | 16 | 16 | 3 | 2 |
| **22:00** | 36 | 68.0 | 58.9 | 8.8 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 10 | 8 | 11 | 2 | 1 |
| **23:00** | 11 | 65.8 | 56.4 | 9.1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 2 | 2 | 1 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 471 | 64.6 | 56.5 | 7.8 | 0 | 0 | 0 | 2 | 0 | 23 | 61 | 117 | 155 | 87 | 24 | 2 |
| **2H(14-16)** | 400 | 64.9 | 57.2 | 7.5 | 0 | 0 | 0 | 0 | 3 | 8 | 34 | 126 | 123 | 90 | 10 | 6 |
| **12H(7-19)** | 2338 | 65.2 | 57.1 | 7.8 | 0 | 0 | 3 | 5 | 6 | 61 | 266 | 626 | 749 | 497 | 98 | 27 |
| **24H(0-24)** | 2716 | 65.6 | 57.4 | 7.9 | 0 | 0 | 5 | 5 | 6 | 68 | 296 | 699 | 869 | 606 | 131 | 31 |
| **AM Peak** | 10:00 | 01:00 | 01:00 | 07:00 | 00:00 | 00:00 | 07:00 | 11:00 | 07:00 | 11:00 | 11:00 | 09:00 | 10:00 | 11:00 | 10:00 | 07:00 |
| | **236** | **77.3** | **70.0** | **9.1** | **0** | **0** | **2** | **2** | **2** | **12** | **35** | **78** | **93** | **51** | **12** | **2** |
| **PM Peak** | 12:00 | 20:00 | 20:00 | 21:00 | 12:00 | 12:00 | 21:00 | 13:00 | 14:00 | 12:00 | 12:00 | 14:00 | 12:00 | 17:00 | 17:00 | 14:00 |
| | **221** | **69.2** | **60.1** | **10.5** | **0** | **0** | **2** | **3** | **3** | **10** | **44** | **66** | **70** | **49** | **13** | **5** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 37 | 74.8 | 64.8 | 9.7 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 8 | 13 | 9 | 2 |
| **01:00** | 12 | 76.2 | 67.3 | 8.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | 3 | 1 |
| **02:00** | 13 | 73.3 | 66.3 | 6.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | 4 | 0 |
| **03:00** | 14 | 69.4 | 58.9 | 10.1 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 4 | 4 | 2 | 0 |
| **04:00** | 17 | 69.3 | 59.0 | 10.0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 3 | 3 | 6 | 2 | 0 |
| **05:00** | 82 | 68.2 | 60.3 | 7.7 | 0 | 0 | 0 | 0 | 1 | 2 | 4 | 14 | 16 | 40 | 5 | 0 |
| **06:00** | 117 | 68.6 | 60.0 | 8.3 | 0 | 0 | 0 | 0 | 0 | 3 | 7 | 20 | 41 | 31 | 14 | 1 |
| **07:00** | 285 | 66.8 | 57.8 | 8.7 | 0 | 0 | 2 | 0 | 2 | 6 | 22 | 76 | 99 | 54 | 18 | 6 |
| **08:00** | 413 | 65.2 | 56.0 | 8.8 | 0 | 3 | 3 | 4 | 0 | 8 | 45 | 143 | 102 | 85 | 18 | 2 |
| **09:00** | 481 | 64.0 | 56.3 | 7.5 | 0 | 0 | 0 | 6 | 2 | 11 | 51 | 149 | 154 | 89 | 17 | 2 |
| **10:00** | 523 | 65.8 | 57.9 | 7.6 | 0 | 0 | 0 | 0 | 0 | 17 | 48 | 117 | 178 | 137 | 19 | 7 |
| **11:00** | 508 | 66.0 | 57.9 | 7.8 | 0 | 0 | 1 | 2 | 0 | 13 | 43 | 130 | 152 | 140 | 23 | 4 |
| **12:00** | 472 | 65.8 | 57.7 | 7.8 | 0 | 0 | 0 | 0 | 0 | 12 | 61 | 102 | 154 | 118 | 18 | 7 |
| **13:00** | 419 | 66.8 | 58.3 | 8.2 | 0 | 0 | 0 | 3 | 9 | 4 | 32 | 87 | 140 | 115 | 26 | 3 |
| **14:00** | 466 | 66.4 | 57.9 | 8.2 | 0 | 0 | 0 | 0 | 3 | 17 | 41 | 116 | 142 | 118 | 20 | 9 |
| **15:00** | 392 | 66.9 | 59.4 | 7.2 | 0 | 0 | 0 | 0 | 0 | 1 | 20 | 89 | 136 | 119 | 22 | 5 |
| **16:00** | 402 | 67.0 | 58.5 | 8.2 | 0 | 0 | 0 | 0 | 1 | 9 | 33 | 102 | 119 | 108 | 22 | 8 |
| **17:00** | 409 | 68.9 | 60.6 | 8.0 | 0 | 0 | 0 | 0 | 0 | 2 | 26 | 69 | 130 | 138 | 35 | 9 |
| **18:00** | 315 | 68.3 | 60.3 | 7.7 | 0 | 0 | 0 | 0 | 0 | 1 | 15 | 64 | 100 | 106 | 22 | 7 |
| **19:00** | 227 | 69.4 | 61.4 | 7.7 | 0 | 0 | 0 | 0 | 0 | 2 | 6 | 33 | 77 | 81 | 24 | 4 |
| **20:00** | 150 | 70.2 | 61.1 | 8.9 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 23 | 49 | 45 | 17 | 5 |
| **21:00** | 119 | 69.4 | 59.4 | 9.7 | 0 | 0 | 2 | 0 | 0 | 1 | 11 | 21 | 36 | 36 | 8 | 4 |
| **22:00** | 87 | 69.3 | 59.7 | 9.2 | 0 | 0 | 0 | 0 | 0 | 4 | 8 | 14 | 23 | 29 | 6 | 3 |
| **23:00** | 39 | 70.9 | 61.2 | 9.4 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 9 | 6 | 15 | 5 | 1 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 1031 | 65.9 | 57.9 | 7.7 | 0 | 0 | 1 | 2 | 0 | 30 | 91 | 247 | 330 | 277 | 42 | 11 |
| **2H(14-16)** | 858 | 66.7 | 58.6 | 7.8 | 0 | 0 | 0 | 0 | 3 | 18 | 61 | 205 | 278 | 237 | 42 | 14 |
| **12H(7-19)** | 5085 | 66.5 | 58.1 | 8.1 | 0 | 3 | 6 | 15 | 17 | 101 | 437 | 1244 | 1606 | 1327 | 260 | 69 |
| **24H(0-24)** | 5999 | 67.1 | 58.6 | 8.2 | 0 | 3 | 8 | 15 | 19 | 119 | 490 | 1383 | 1875 | 1638 | 359 | 90 |
| **AM Peak** | 10:00 | 01:00 | 01:00 | 03:00 | 00:00 | 08:00 | 08:00 | 09:00 | 07:00 | 10:00 | 09:00 | 09:00 | 10:00 | 11:00 | 11:00 | 10:00 |
| | **523** | **76.2** | **67.3** | **10.1** | **0** | **3** | **3** | **6** | **2** | **17** | **51** | **149** | **178** | **140** | **23** | **7** |
| **PM Peak** | 12:00 | 23:00 | 19:00 | 21:00 | 12:00 | 12:00 | 21:00 | 13:00 | 13:00 | 14:00 | 12:00 | 14:00 | 12:00 | 17:00 | 17:00 | 14:00 |
| | **472** | **70.9** | **61.4** | **9.7** | **0** | **0** | **2** | **3** | **9** | **17** | **61** | **116** | **154** | **138** | **35** | **9** |

# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

**11/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 27 | 78.0 | 64.2 | 13.3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 6 | 6 | 6 | 3 | 5 |
| **01:00** | 17 | 72.5 | 64.6 | 7.6 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 4 | 8 | 4 | 0 |
| **02:00** | 7 | 65.9 | 61.8 | 4.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 0 | 0 |
| **03:00** | 6 | 68.8 | 58.3 | 10.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 1 | 0 |
| **04:00** | 7 | 65.7 | 58.6 | 6.9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 3 | 0 | 0 |
| **05:00** | 27 | 71.9 | 61.9 | 9.6 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 7 | 9 | 4 | 1 |
| **06:00** | 53 | 69.1 | 60.0 | 8.8 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 12 | 20 | 11 | 5 | 2 |
| **07:00** | 134 | 65.7 | 55.9 | 9.5 | 0 | 0 | 0 | 0 | 3 | 9 | 22 | 40 | 24 | 26 | 7 | 3 |
| **08:00** | 132 | 69.2 | 58.8 | 10.0 | 0 | 1 | 0 | 0 | 0 | 10 | 14 | 16 | 36 | 39 | 15 | 1 |
| **09:00** | 213 | 66.1 | 55.9 | 9.9 | 0 | 2 | 1 | 1 | 2 | 16 | 33 | 43 | 49 | 54 | 11 | 1 |
| **10:00** | 234 | 65.1 | 55.9 | 8.9 | 0 | 1 | 2 | 3 | 1 | 7 | 36 | 51 | 75 | 49 | 7 | 2 |
| **11:00** | 242 | 65.6 | 56.3 | 8.9 | 0 | 1 | 0 | 0 | 1 | 16 | 40 | 56 | 53 | 64 | 8 | 3 |
| **12:00** | 231 | 63.7 | 56.1 | 7.4 | 0 | 0 | 0 | 2 | 4 | 7 | 29 | 54 | 80 | 50 | 5 | 0 |
| **13:00** | 249 | 68.0 | 59.0 | 8.7 | 0 | 0 | 0 | 1 | 1 | 15 | 13 | 40 | 83 | 76 | 15 | 5 |
| **14:00** | 210 | 67.8 | 59.0 | 8.5 | 0 | 0 | 1 | 0 | 2 | 1 | 15 | 40 | 80 | 54 | 11 | 6 |
| **15:00** | 224 | 66.5 | 57.3 | 8.9 | 0 | 1 | 3 | 0 | 5 | 6 | 10 | 56 | 70 | 62 | 11 | 0 |
| **16:00** | 209 | 66.8 | 59.0 | 7.5 | 0 | 0 | 0 | 0 | 0 | 7 | 13 | 43 | 58 | 79 | 7 | 2 |
| **17:00** | 196 | 69.7 | 60.7 | 8.7 | 0 | 0 | 0 | 0 | 2 | 0 | 11 | 37 | 60 | 62 | 17 | 7 |
| **18:00** | 155 | 68.5 | 59.7 | 8.5 | 0 | 0 | 1 | 1 | 0 | 2 | 10 | 27 | 46 | 56 | 9 | 3 |
| **19:00** | 104 | 70.4 | 61.6 | 8.5 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 19 | 25 | 41 | 11 | 3 |
| **20:00** | 71 | 70.0 | 61.6 | 8.1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 14 | 15 | 31 | 6 | 2 |
| **21:00** | 55 | 77.7 | 65.0 | 12.2 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 8 | 8 | 20 | 11 | 6 |
| **22:00** | 43 | 71.1 | 62.9 | 7.9 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 3 | 9 | 24 | 4 | 1 |
| **23:00** | 16 | 65.2 | 57.7 | 7.3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 2 | 7 | 0 | 0 |
| **Total 2H(10-12)** | 476 | 65.3 | 56.1 | 8.9 | 0 | 2 | 2 | 3 | 2 | 23 | 76 | 107 | 128 | 113 | 15 | 5 |
| **2H(14-16)** | 434 | 67.2 | 58.1 | 8.7 | 0 | 1 | 4 | 0 | 7 | 7 | 25 | 96 | 150 | 116 | 22 | 6 |
| **12H(7-19)** | 2429 | 66.9 | 57.7 | 8.9 | 0 | 6 | 8 | 8 | 21 | 96 | 246 | 503 | 714 | 671 | 123 | 33 |
| **24H(0-24)** | 2862 | 67.8 | 58.4 | 9.1 | 0 | 7 | 8 | 9 | 22 | 100 | 263 | 576 | 816 | 836 | 172 | 53 |
| **AM Peak** | 11:00 | 00:00 | 01:00 | 00:00 | 00:00 | 09:00 | 10:00 | 10:00 | 07:00 | 09:00 | 11:00 | 11:00 | 10:00 | 11:00 | 08:00 | 00:00 |
| | **242** | **78.0** | **64.6** | **13.3** | **0** | **2** | **2** | **3** | **3** | **16** | **40** | **56** | **75** | **64** | **15** | **5** |
| **PM Peak** | 13:00 | 21:00 | 21:00 | 21:00 | 12:00 | 15:00 | 15:00 | 12:00 | 15:00 | 13:00 | 12:00 | 15:00 | 13:00 | 16:00 | 17:00 | 17:00 |
| | **249** | **77.7** | **65.0** | **12.2** | **0** | **1** | **3** | **2** | **5** | **15** | **29** | **56** | **83** | **79** | **17** | **7** |

**Paul Castle Associates**

**Direction: Westbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 14 | 65.7 | 52.3 | 12.9 | 0 | 0 | 0 | 3 | 0 | 0 | 2 | 2 | 4 | 2 | 1 | 0 |
| **01:00** | 5 | 70.6 | 61.5 | 8.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 0 |
| **02:00** | 3 | 64.4 | 50.0 | 13.9 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| **03:00** | 1 | - | 65.0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| **04:00** | 4 | 66.7 | 57.5 | 8.9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 |
| **05:00** | 20 | 69.2 | 60.6 | 8.2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 5 | 6 | 3 | 0 |
| **06:00** | 32 | 64.8 | 57.5 | 7.1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 11 | 11 | 6 | 2 | 0 |
| **07:00** | 63 | 65.5 | 58.5 | 6.8 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 11 | 22 | 21 | 2 | 0 |
| **08:00** | 84 | 69.1 | 61.1 | 7.7 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 18 | 20 | 37 | 5 | 2 |
| **09:00** | 145 | 65.9 | 57.9 | 7.7 | 0 | 0 | 0 | 0 | 0 | 7 | 14 | 26 | 50 | 41 | 6 | 1 |
| **10:00** | 180 | 64.2 | 56.2 | 7.7 | 0 | 0 | 0 | 1 | 0 | 9 | 19 | 55 | 55 | 34 | 5 | 2 |
| **11:00** | 233 | 63.4 | 55.2 | 7.9 | 0 | 0 | 1 | 0 | 4 | 7 | 45 | 62 | 67 | 41 | 3 | 3 |
| **12:00** | 202 | 63.1 | 54.9 | 7.9 | 0 | 0 | 2 | 1 | 7 | 5 | 25 | 62 | 60 | 36 | 4 | 0 |
| **13:00** | 244 | 64.2 | 54.5 | 9.3 | 0 | 1 | 0 | 1 | 6 | 25 | 36 | 61 | 69 | 35 | 4 | 6 |
| **14:00** | 193 | 65.3 | 54.5 | 10.4 | 0 | 0 | 0 | 1 | 13 | 28 | 17 | 42 | 51 | 23 | 16 | 2 |
| **15:00** | 204 | 64.2 | 55.4 | 8.5 | 0 | 0 | 0 | 0 | 12 | 8 | 25 | 49 | 64 | 38 | 7 | 1 |
| **16:00** | 189 | 63.4 | 54.9 | 8.2 | 0 | 0 | 0 | 0 | 6 | 22 | 22 | 34 | 66 | 35 | 3 | 1 |
| **17:00** | 202 | 62.6 | 53.9 | 8.4 | 0 | 0 | 0 | 0 | 3 | 25 | 41 | 48 | 50 | 28 | 5 | 2 |
| **18:00** | 173 | 66.0 | 57.2 | 8.5 | 0 | 1 | 0 | 0 | 2 | 4 | 18 | 47 | 46 | 49 | 3 | 3 |
| **19:00** | 101 | 68.8 | 59.7 | 8.8 | 0 | 0 | 1 | 0 | 0 | 2 | 5 | 20 | 30 | 35 | 5 | 3 |
| **20:00** | 72 | 69.2 | 58.5 | 10.4 | 0 | 0 | 1 | 0 | 2 | 2 | 7 | 14 | 16 | 23 | 5 | 2 |
| **21:00** | 39 | 66.2 | 58.2 | 7.7 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 8 | 12 | 10 | 3 | 0 |
| **22:00** | 19 | 76.0 | 63.9 | 11.6 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 | 4 | 6 | 1 |
| **23:00** | 8 | 63.5 | 57.5 | 5.8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 2 | 0 | 0 |
| **Total 2H(10-12)** | 413 | 63.8 | 55.7 | 7.8 | 0 | 0 | 1 | 1 | 4 | 16 | 64 | 117 | 122 | 75 | 8 | 5 |
| **2H(14-16)** | 397 | 64.8 | 55.0 | 9.5 | 0 | 0 | 0 | 1 | 25 | 36 | 42 | 91 | 115 | 61 | 23 | 3 |
| **12H(7-19)** | 2112 | 64.6 | 55.7 | 8.6 | 0 | 2 | 3 | 4 | 53 | 143 | 268 | 515 | 620 | 418 | 63 | 23 |
| **24H(0-24)** | 2430 | 65.2 | 56.1 | 8.8 | 0 | 2 | 5 | 7 | 56 | 148 | 297 | 578 | 708 | 511 | 89 | 29 |
| **AM Peak** | 11:00 | 01:00 | 03:00 | 02:00 | 00:00 | 00:00 | 11:00 | 00:00 | 11:00 | 10:00 | 11:00 | 11:00 | 11:00 | 09:00 | 09:00 | 11:00 |
| | **233** | **70.6** | **65.0** | **13.9** | **0** | **0** | **1** | **3** | **4** | **9** | **45** | **62** | **67** | **41** | **6** | **3** |
| **PM Peak** | 13:00 | 22:00 | 22:00 | 22:00 | 12:00 | 13:00 | 12:00 | 12:00 | 14:00 | 14:00 | 17:00 | 12:00 | 13:00 | 18:00 | 14:00 | 13:00 |
| | **244** | **76.0** | **63.9** | **11.6** | **0** | **1** | **2** | **1** | **13** | **28** | **41** | **62** | **69** | **49** | **16** | **6** |

**Paul Castle Associates**

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 41 | 74.8 | 60.1 | 14.2 | 0 | 0 | 0 | 4 | 0 | 0 | 2 | 8 | 10 | 8 | 4 | 5 |
| **01:00** | 22 | 71.9 | 63.9 | 7.8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 6 | 9 | 5 | 0 |
| **02:00** | 10 | 67.9 | 58.3 | 9.3 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 3 | 5 | 0 | 0 |
| **03:00** | 7 | 69.2 | 59.3 | 9.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 2 | 1 | 0 |
| **04:00** | 11 | 65.7 | 58.2 | 7.3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 5 | 0 | 0 |
| **05:00** | 47 | 70.7 | 61.4 | 9.0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 9 | 12 | 15 | 7 | 1 |
| **06:00** | 85 | 67.6 | 59.0 | 8.3 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 23 | 31 | 17 | 7 | 2 |
| **07:00** | 197 | 65.8 | 56.7 | 8.8 | 0 | 0 | 0 | 0 | 3 | 10 | 28 | 51 | 46 | 47 | 9 | 3 |
| **08:00** | 216 | 69.3 | 59.7 | 9.3 | 0 | 1 | 0 | 0 | 0 | 12 | 14 | 34 | 56 | 76 | 20 | 3 |
| **09:00** | 358 | 66.2 | 56.7 | 9.1 | 0 | 2 | 1 | 1 | 2 | 23 | 47 | 69 | 99 | 95 | 17 | 2 |
| **10:00** | 414 | 64.7 | 56.0 | 8.4 | 0 | 1 | 2 | 4 | 1 | 16 | 55 | 106 | 130 | 83 | 12 | 4 |
| **11:00** | 475 | 64.5 | 55.8 | 8.5 | 0 | 1 | 1 | 0 | 5 | 23 | 85 | 118 | 120 | 105 | 11 | 6 |
| **12:00** | 433 | 63.4 | 55.5 | 7.7 | 0 | 0 | 2 | 3 | 11 | 12 | 54 | 116 | 140 | 86 | 9 | 0 |
| **13:00** | 493 | 66.4 | 56.8 | 9.3 | 0 | 1 | 0 | 2 | 7 | 40 | 49 | 101 | 152 | 111 | 19 | 11 |
| **14:00** | 403 | 66.9 | 56.9 | 9.7 | 0 | 0 | 1 | 1 | 15 | 29 | 32 | 82 | 131 | 77 | 27 | 8 |
| **15:00** | 428 | 65.4 | 56.4 | 8.7 | 0 | 1 | 3 | 0 | 17 | 14 | 35 | 105 | 134 | 100 | 18 | 1 |
| **16:00** | 398 | 65.4 | 57.1 | 8.1 | 0 | 0 | 0 | 0 | 6 | 29 | 35 | 77 | 124 | 114 | 10 | 3 |
| **17:00** | 398 | 66.7 | 57.2 | 9.2 | 0 | 0 | 0 | 0 | 5 | 25 | 52 | 85 | 110 | 90 | 22 | 9 |
| **18:00** | 328 | 67.3 | 58.4 | 8.6 | 0 | 1 | 1 | 1 | 2 | 6 | 28 | 74 | 92 | 105 | 12 | 6 |
| **19:00** | 205 | 69.7 | 60.7 | 8.7 | 0 | 0 | 1 | 0 | 0 | 4 | 8 | 39 | 55 | 76 | 16 | 6 |
| **20:00** | 143 | 69.8 | 60.1 | 9.4 | 0 | 0 | 1 | 0 | 2 | 2 | 10 | 28 | 31 | 54 | 11 | 4 |
| **21:00** | 94 | 73.6 | 62.2 | 11.0 | 0 | 1 | 0 | 0 | 0 | 0 | 7 | 16 | 20 | 30 | 14 | 6 |
| **22:00** | 62 | 72.7 | 63.2 | 9.1 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 3 | 13 | 28 | 10 | 2 |
| **23:00** | 24 | 64.5 | 57.6 | 6.7 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 5 | 6 | 9 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 889 | 64.6 | 55.9 | 8.4 | 0 | 2 | 3 | 4 | 6 | 39 | 140 | 224 | 250 | 188 | 23 | 10 |
| **2H(14-16)** | 831 | 66.2 | 56.6 | 9.2 | 0 | 1 | 4 | 1 | 32 | 43 | 67 | 187 | 265 | 177 | 45 | 9 |
| **12H(7-19)** | 4541 | 65.9 | 56.8 | 8.8 | 0 | 8 | 11 | 12 | 74 | 239 | 514 | 1018 | 1334 | 1089 | 186 | 56 |
| **24H(0-24)** | 5292 | 66.7 | 57.3 | 9.0 | 0 | 9 | 13 | 16 | 78 | 248 | 560 | 1154 | 1524 | 1347 | 261 | 82 |
| **AM Peak** | 11:00 | 00:00 | 01:00 | 00:00 | 00:00 | 09:00 | 10:00 | 00:00 | 11:00 | 09:00 | 11:00 | 11:00 | 10:00 | 11:00 | 08:00 | 11:00 |
| | **475** | **74.8** | **63.9** | **14.2** | **0** | **2** | **2** | **4** | **5** | **23** | **85** | **118** | **130** | **105** | **20** | **6** |
| **PM Peak** | 13:00 | 21:00 | 22:00 | 21:00 | 12:00 | 13:00 | 15:00 | 12:00 | 15:00 | 13:00 | 12:00 | 12:00 | 13:00 | 16:00 | 14:00 | 13:00 |
| | **493** | **73.6** | **63.2** | **11.0** | **0** | **1** | **3** | **3** | **17** | **40** | **54** | **116** | **152** | **114** | **27** | **11** |

# Tween Bridge ATC 12, A18 High Levels Bank

**Direction: Eastbound**

**12/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 8 | 77.1 | 65.6 | 11.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 4 | 1 | 1 |
| **01:00** | 9 | 75.3 | 63.9 | 11.0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 3 | 1 | 1 |
| **02:00** | 11 | 68.6 | 61.6 | 6.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 5 | 1 | 0 |
| **03:00** | 16 | 67.6 | 58.6 | 8.7 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 2 | 2 | 9 | 0 | 0 |
| **04:00** | 26 | 72.0 | 63.0 | 8.7 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 8 | 9 | 6 | 0 |
| **05:00** | 122 | 70.4 | 63.1 | 7.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 13 | 30 | 65 | 9 | 4 |
| **06:00** | 165 | 68.6 | 60.6 | 7.8 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 31 | 48 | 60 | 13 | 3 |
| **07:00** | 365 | 63.0 | 56.6 | 6.2 | 0 | 0 | 0 | 0 | 0 | 2 | 38 | 121 | 124 | 72 | 7 | 1 |
| **08:00** | 394 | 63.2 | 53.9 | 9.0 | 0 | 0 | 16 | 3 | 4 | 16 | 33 | 145 | 112 | 57 | 8 | 0 |
| **09:00** | 290 | 62.3 | 53.8 | 8.2 | 0 | 0 | 0 | 8 | 13 | 13 | 38 | 92 | 80 | 39 | 7 | 0 |
| **10:00** | 257 | 61.5 | 54.5 | 6.7 | 0 | 0 | 0 | 2 | 2 | 9 | 40 | 97 | 71 | 30 | 6 | 0 |
| **11:00** | 236 | 62.5 | 55.4 | 6.9 | 0 | 0 | 1 | 0 | 0 | 8 | 31 | 76 | 84 | 29 | 6 | 1 |
| **12:00** | 286 | 63.0 | 54.8 | 7.9 | 0 | 0 | 0 | 0 | 2 | 24 | 40 | 99 | 70 | 41 | 6 | 4 |
| **13:00** | 287 | 62.6 | 52.5 | 9.8 | 0 | 0 | 8 | 15 | 0 | 11 | 60 | 88 | 66 | 30 | 6 | 3 |
| **14:00** | 316 | 62.6 | 53.0 | 9.2 | 0 | 0 | 13 | 2 | 7 | 10 | 67 | 78 | 94 | 38 | 7 | 0 |
| **15:00** | 347 | 62.5 | 54.6 | 7.7 | 0 | 0 | 0 | 0 | 5 | 30 | 58 | 93 | 98 | 56 | 4 | 3 |
| **16:00** | 387 | 63.3 | 55.5 | 7.5 | 0 | 0 | 0 | 4 | 6 | 11 | 53 | 119 | 112 | 69 | 13 | 0 |
| **17:00** | 401 | 67.2 | 58.1 | 8.8 | 0 | 1 | 3 | 2 | 0 | 8 | 38 | 80 | 135 | 107 | 21 | 6 |
| **18:00** | 181 | 69.6 | 60.9 | 8.4 | 0 | 0 | 0 | 0 | 0 | 8 | 11 | 20 | 49 | 70 | 22 | 1 |
| **19:00** | 133 | 70.9 | 61.5 | 9.1 | 0 | 0 | 0 | 0 | 1 | 8 | 3 | 12 | 37 | 53 | 16 | 3 |
| **20:00** | 91 | 72.6 | 62.9 | 9.4 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 11 | 26 | 29 | 16 | 4 |
| **21:00** | 62 | 69.9 | 61.5 | 8.2 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 4 | 18 | 29 | 5 | 1 |
| **22:00** | 35 | 73.5 | 62.5 | 10.7 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 3 | 5 | 18 | 0 | 4 |
| **23:00** | 19 | 69.5 | 59.9 | 9.3 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 6 | 5 | 3 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 493 | 62.0 | 54.9 | 6.8 | 0 | 0 | 1 | 2 | 2 | 17 | 71 | 173 | 155 | 59 | 12 | 1 |
| **2H(14-16)** | 663 | 62.6 | 53.8 | 8.5 | 0 | 0 | 13 | 2 | 12 | 40 | 125 | 171 | 192 | 94 | 11 | 3 |
| **12H(7-19)** | 3747 | 63.8 | 55.2 | 8.3 | 0 | 1 | 41 | 36 | 39 | 150 | 507 | 1108 | 1095 | 638 | 113 | 19 |
| **24H(0-24)** | 4444 | 65.3 | 56.2 | 8.7 | 0 | 1 | 41 | 37 | 41 | 163 | 539 | 1189 | 1282 | 927 | 184 | 40 |
| **AM Peak** | 08:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 08:00 | 09:00 | 09:00 | 08:00 | 10:00 | 08:00 | 07:00 | 07:00 | 06:00 | 05:00 |
| | **394** | **77.1** | **65.6** | **11.1** | **0** | **0** | **16** | **8** | **13** | **16** | **40** | **145** | **124** | **72** | **13** | **4** |
| **PM Peak** | 17:00 | 22:00 | 20:00 | 22:00 | 12:00 | 17:00 | 14:00 | 13:00 | 14:00 | 15:00 | 14:00 | 16:00 | 17:00 | 17:00 | 18:00 | 17:00 |
| | **401** | **73.5** | **62.9** | **10.7** | **0** | **1** | **13** | **15** | **7** | **30** | **67** | **119** | **135** | **107** | **22** | **6** |



**Direction: Westbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 7 | 75.4 | 65.4 | 9.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 3 | 0 |
| **01:00** | 5 | 63.5 | 57.0 | 6.2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 1 | 0 | 0 |
| **02:00** | 6 | 64.0 | 60.0 | 3.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 0 |
| **03:00** | 14 | 64.0 | 54.1 | 9.6 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 2 | 1 | 5 | 0 | 0 |
| **04:00** | 54 | 63.0 | 52.8 | 9.8 | 0 | 0 | 1 | 1 | 2 | 4 | 11 | 18 | 7 | 7 | 3 | 0 |
| **05:00** | 129 | 66.1 | 58.1 | 7.7 | 0 | 0 | 0 | 0 | 0 | 4 | 15 | 20 | 50 | 32 | 7 | 1 |
| **06:00** | 218 | 62.6 | 54.0 | 8.3 | 0 | 0 | 2 | 3 | 0 | 14 | 46 | 73 | 31 | 44 | 5 | 0 |
| **07:00** | 328 | 62.7 | 53.9 | 8.5 | 0 | 0 | 3 | 7 | 3 | 22 | 64 | 84 | 80 | 58 | 7 | 0 |
| **08:00** | 289 | 64.2 | 53.5 | 10.3 | 0 | 3 | 16 | 1 | 0 | 15 | 33 | 74 | 91 | 54 | 2 | 0 |
| **09:00** | 237 | 60.3 | 52.4 | 7.6 | 0 | 0 | 0 | 4 | 10 | 20 | 40 | 92 | 44 | 24 | 2 | 1 |
| **10:00** | 183 | 60.4 | 53.1 | 7.0 | 0 | 0 | 0 | 0 | 0 | 7 | 64 | 57 | 31 | 21 | 1 | 2 |
| **11:00** | 249 | 60.2 | 52.6 | 7.3 | 0 | 0 | 0 | 1 | 7 | 24 | 51 | 89 | 48 | 24 | 5 | 0 |
| **12:00** | 183 | 59.6 | 53.2 | 6.1 | 0 | 0 | 0 | 0 | 1 | 14 | 32 | 75 | 46 | 12 | 3 | 0 |
| **13:00** | 209 | 60.5 | 52.9 | 7.4 | 0 | 0 | 0 | 1 | 5 | 19 | 43 | 73 | 43 | 21 | 3 | 1 |
| **14:00** | 271 | 58.1 | 51.1 | 6.8 | 0 | 0 | 0 | 1 | 7 | 44 | 65 | 91 | 39 | 23 | 1 | 0 |
| **15:00** | 289 | 60.5 | 52.0 | 8.1 | 0 | 0 | 0 | 12 | 7 | 28 | 54 | 92 | 65 | 28 | 1 | 2 |
| **16:00** | 335 | 62.1 | 55.6 | 6.2 | 0 | 0 | 0 | 0 | 5 | 5 | 34 | 121 | 109 | 58 | 2 | 1 |
| **17:00** | 309 | 64.3 | 55.8 | 8.2 | 0 | 0 | 1 | 11 | 1 | 12 | 27 | 78 | 100 | 74 | 5 | 0 |
| **18:00** | 171 | 66.9 | 59.0 | 7.6 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 39 | 63 | 41 | 13 | 2 |
| **19:00** | 104 | 68.1 | 58.7 | 9.1 | 0 | 0 | 0 | 0 | 2 | 7 | 6 | 17 | 30 | 34 | 6 | 2 |
| **20:00** | 60 | 67.0 | 57.4 | 9.2 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 18 | 16 | 14 | 2 | 2 |
| **21:00** | 61 | 69.9 | 59.3 | 10.1 | 0 | 0 | 0 | 0 | 2 | 1 | 5 | 14 | 14 | 18 | 4 | 3 |
| **22:00** | 28 | 68.4 | 59.8 | 8.3 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 7 | 10 | 1 | 1 |
| **23:00** | 19 | 66.8 | 53.7 | 12.7 | 0 | 0 | 0 | 3 | 0 | 1 | 2 | 4 | 4 | 3 | 2 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 432 | 60.3 | 52.8 | 7.2 | 0 | 0 | 0 | 1 | 7 | 31 | 115 | 146 | 79 | 45 | 6 | 2 |
| **2H(14-16)** | 560 | 59.4 | 51.6 | 7.5 | 0 | 0 | 0 | 13 | 14 | 72 | 119 | 183 | 104 | 51 | 2 | 2 |
| **12H(7-19)** | 3053 | 62.0 | 53.7 | 8.0 | 0 | 3 | 20 | 38 | 46 | 211 | 519 | 965 | 759 | 438 | 45 | 9 |
| **24H(0-24)** | 3758 | 62.8 | 54.3 | 8.3 | 0 | 3 | 23 | 45 | 55 | 245 | 615 | 1139 | 928 | 609 | 78 | 18 |
| **AM Peak** | 07:00 | 00:00 | 00:00 | 08:00 | 00:00 | 08:00 | 08:00 | 07:00 | 09:00 | 11:00 | 07:00 | 09:00 | 08:00 | 07:00 | 05:00 | 10:00 |
| | **328** | **75.4** | **65.4** | **10.3** | **0** | **3** | **16** | **7** | **10** | **24** | **64** | **92** | **91** | **58** | **7** | **2** |
| **PM Peak** | 16:00 | 21:00 | 22:00 | 23:00 | 12:00 | 12:00 | 17:00 | 15:00 | 14:00 | 14:00 | 14:00 | 16:00 | 16:00 | 17:00 | 18:00 | 21:00 |
| | **335** | **69.9** | **59.8** | **12.7** | **0** | **0** | **1** | **12** | **7** | **44** | **65** | **121** | **109** | **74** | **13** | **3** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 15 | 76.0 | 65.5 | 10.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 5 | 4 | 1 |
| **01:00** | 14 | 71.7 | 61.4 | 9.9 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 6 | 4 | 1 | 1 |
| **02:00** | 17 | 67.0 | 61.0 | 5.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 7 | 1 | 0 |
| **03:00** | 30 | 66.1 | 56.5 | 9.3 | 0 | 0 | 0 | 0 | 2 | 1 | 6 | 4 | 3 | 14 | 0 | 0 |
| **04:00** | 80 | 67.1 | 56.1 | 10.5 | 0 | 0 | 1 | 1 | 2 | 5 | 12 | 19 | 15 | 16 | 9 | 0 |
| **05:00** | 251 | 68.6 | 60.5 | 7.8 | 0 | 0 | 0 | 0 | 0 | 4 | 16 | 33 | 80 | 97 | 16 | 5 |
| **06:00** | 383 | 65.8 | 56.8 | 8.7 | 0 | 0 | 2 | 3 | 0 | 14 | 56 | 104 | 79 | 104 | 18 | 3 |
| **07:00** | 693 | 63.1 | 55.3 | 7.5 | 0 | 0 | 3 | 7 | 3 | 24 | 102 | 205 | 204 | 130 | 14 | 1 |
| **08:00** | 683 | 63.6 | 53.8 | 9.5 | 0 | 3 | 32 | 4 | 4 | 31 | 66 | 219 | 203 | 111 | 10 | 0 |
| **09:00** | 527 | 61.4 | 53.1 | 8.0 | 0 | 0 | 0 | 12 | 23 | 33 | 78 | 184 | 124 | 63 | 9 | 1 |
| **10:00** | 440 | 61.0 | 53.9 | 6.9 | 0 | 0 | 0 | 2 | 2 | 16 | 104 | 154 | 102 | 51 | 7 | 2 |
| **11:00** | 485 | 61.5 | 54.0 | 7.2 | 0 | 0 | 1 | 1 | 7 | 32 | 82 | 165 | 132 | 53 | 11 | 1 |
| **12:00** | 469 | 61.7 | 54.2 | 7.3 | 0 | 0 | 0 | 0 | 3 | 38 | 72 | 174 | 116 | 53 | 9 | 4 |
| **13:00** | 496 | 61.8 | 52.7 | 8.8 | 0 | 0 | 8 | 16 | 5 | 30 | 103 | 161 | 109 | 51 | 9 | 4 |
| **14:00** | 587 | 60.7 | 52.1 | 8.2 | 0 | 0 | 13 | 3 | 14 | 54 | 132 | 169 | 133 | 61 | 8 | 0 |
| **15:00** | 636 | 61.7 | 53.4 | 8.0 | 0 | 0 | 0 | 12 | 12 | 58 | 112 | 185 | 163 | 84 | 5 | 5 |
| **16:00** | 722 | 62.8 | 55.6 | 7.0 | 0 | 0 | 0 | 4 | 11 | 16 | 87 | 240 | 221 | 127 | 15 | 1 |
| **17:00** | 710 | 66.0 | 57.1 | 8.6 | 0 | 1 | 4 | 13 | 1 | 20 | 65 | 158 | 235 | 181 | 26 | 6 |
| **18:00** | 352 | 68.3 | 60.0 | 8.1 | 0 | 0 | 0 | 0 | 0 | 9 | 23 | 59 | 112 | 111 | 35 | 3 |
| **19:00** | 237 | 69.8 | 60.3 | 9.2 | 0 | 0 | 0 | 0 | 3 | 15 | 9 | 29 | 67 | 87 | 22 | 5 |
| **20:00** | 151 | 70.7 | 60.7 | 9.7 | 0 | 0 | 0 | 0 | 2 | 4 | 7 | 29 | 42 | 43 | 18 | 6 |
| **21:00** | 123 | 70.0 | 60.4 | 9.2 | 0 | 0 | 0 | 1 | 2 | 1 | 9 | 18 | 32 | 47 | 9 | 4 |
| **22:00** | 63 | 71.4 | 61.3 | 9.7 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 10 | 12 | 28 | 1 | 5 |
| **23:00** | 38 | 68.6 | 56.8 | 11.4 | 0 | 0 | 0 | 3 | 0 | 2 | 4 | 6 | 10 | 8 | 5 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 925 | 61.3 | 53.9 | 7.0 | 0 | 0 | 1 | 3 | 9 | 48 | 186 | 319 | 234 | 104 | 18 | 3 |
| **2H(14-16)** | 1223 | 61.2 | 52.8 | 8.1 | 0 | 0 | 13 | 15 | 26 | 112 | 244 | 354 | 296 | 145 | 13 | 5 |
| **12H(7-19)** | 6800 | 63.0 | 54.5 | 8.2 | 0 | 4 | 61 | 74 | 85 | 361 | 1026 | 2073 | 1854 | 1076 | 158 | 28 |
| **24H(0-24)** | 8202 | 64.2 | 55.3 | 8.6 | 0 | 4 | 64 | 82 | 96 | 408 | 1154 | 2328 | 2210 | 1536 | 262 | 58 |
| **AM Peak** | 07:00 | 00:00 | 00:00 | 04:00 | 00:00 | 08:00 | 08:00 | 09:00 | 09:00 | 09:00 | 10:00 | 08:00 | 07:00 | 07:00 | 06:00 | 05:00 |
| | **693** | **76.0** | **65.5** | **10.5** | **0** | **3** | **32** | **12** | **23** | **33** | **104** | **219** | **204** | **130** | **18** | **5** |
| **PM Peak** | 16:00 | 22:00 | 22:00 | 23:00 | 12:00 | 17:00 | 14:00 | 13:00 | 14:00 | 15:00 | 14:00 | 16:00 | 17:00 | 17:00 | 18:00 | 17:00 |
| | **722** | **71.4** | **61.3** | **11.4** | **0** | **1** | **13** | **16** | **14** | **58** | **132** | **240** | **235** | **181** | **35** | **6** |

## Tween Bridge ATC 15, Low Levels Bank



**Direction: Westbound**

| Hour Beginning | Tue 06/06/2023 | Wed 07/06/2023 | Thu 08/06/2023 | Fri 09/06/2023 | Sat 10/06/2023 | Sun 11/06/2023 | Mon 12/06/2023 | 5-Day Ave. | 7-Day Ave. |
|---|---|---|---|---|---|---|---|---|---|
| 00:00 | 0 | 1 | 3 | 1 | 10 | 2 | 0 | 1 | 2 |
| 01:00 | 1 | 2 | 1 | 0 | 3 | 2 | 2 | 1 | 2 |
| 02:00 | 2 | 1 | 2 | 0 | 6 | 0 | 1 | 1 | 2 |
| 03:00 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 |
| 04:00 | 6 | 9 | 4 | 10 | 3 | 2 | 5 | 7 | 6 |
| 05:00 | 17 | 14 | 16 | 14 | 8 | 6 | 13 | 15 | 13 |
| 06:00 | 65 | 56 | 58 | 55 | 19 | 7 | 60 | 59 | 46 |
| 07:00 | 130 | 118 | 117 | 113 | 32 | 9 | 130 | 122 | 93 |
| 08:00 | 116 | 114 | 99 | 108 | 57 | 28 | 100 | 107 | 89 |
| 09:00 | 79 | 71 | 88 | 87 | 84 | 48 | 112 | 87 | 81 |
| 10:00 | 66 | 94 | 101 | 90 | 62 | 54 | 74 | 85 | 77 |
| 11:00 | 86 | 86 | 65 | 99 | 80 | 78 | 93 | 86 | 84 |
| 12:00 | 86 | 89 | 93 | 82 | 107 | 80 | 81 | 86 | 88 |
| 13:00 | 70 | 73 | 96 | 110 | 134 | 69 | 76 | 85 | 90 |
| 14:00 | 97 | 104 | 100 | 103 | 143 | 86 | 109 | 103 | 106 |
| 15:00 | 124 | 122 | 115 | 111 | 129 | 77 | 123 | 119 | 114 |
| 16:00 | 168 | 137 | 164 | 164 | 74 | 64 | 143 | 155 | 131 |
| 17:00 | 164 | 165 | 171 | 106 | 76 | 84 | 142 | 150 | 130 |
| 18:00 | 71 | 51 | 71 | 82 | 50 | 60 | 73 | 70 | 65 |
| 19:00 | 43 | 33 | 48 | 40 | 36 | 26 | 40 | 41 | 38 |
| 20:00 | 21 | 28 | 32 | 24 | 12 | 18 | 23 | 26 | 23 |
| 21:00 | 19 | 23 | 20 | 15 | 14 | 13 | 17 | 19 | 17 |
| 22:00 | 8 | 12 | 15 | 8 | 13 | 9 | 15 | 12 | 11 |
| 23:00 | 6 | 3 | 4 | 6 | 6 | 0 | 2 | 4 | 4 |
| Total 12H(7-19) | 1257 | 1224 | 1280 | 1255 | 1028 | 737 | 1256 | 1254 | 1148 |
| 16H(6-22) | 1405 | 1364 | 1438 | 1389 | 1109 | 801 | 1396 | 1398 | 1272 |
| 18H(6-24) | 1419 | 1379 | 1457 | 1403 | 1128 | 810 | 1413 | 1414 | 1287 |
| 24H(0-24) | 1446 | 1407 | 1484 | 1429 | 1159 | 823 | 1436 | 1440 | 1312 |
| AM Peak | 07:00 | 07:00 | 07:00 | 07:00 | 09:00 | 11:00 | 07:00 | 07:00 | 07:00 |
| | 130 | 118 | 117 | 113 | 84 | 78 | 130 | 122 | 93 |
| PM Peak | 16:00 | 17:00 | 17:00 | 16:00 | 14:00 | 14:00 | 16:00 | 16:00 | 16:00 |
| | 168 | 165 | 171 | 164 | 143 | 86 | 143 | 155 | 131 |

Paul Castle Associates

**Direction: Eastbound**

| Hour Beginning | Tue 06/06/2023 | Wed 07/06/2023 | Thu 08/06/2023 | Fri 09/06/2023 | Sat 10/06/2023 | Sun 11/06/2023 | Mon 12/06/2023 | 5-Day Ave. | 7-Day Ave. |
|---|---|---|---|---|---|---|---|---|---|
| 00:00 | 3 | 1 | 3 | 1 | 5 | 3 | 1 | 2 | 2 |
| 01:00 | 0 | 0 | 1 | 2 | 3 | 3 | 2 | 1 | 2 |
| 02:00 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 |
| 03:00 | 1 | 2 | 3 | 4 | 2 | 1 | 5 | 3 | 3 |
| 04:00 | 7 | 5 | 3 | 7 | 2 | 0 | 8 | 6 | 5 |
| 05:00 | 38 | 37 | 32 | 34 | 22 | 13 | 40 | 36 | 31 |
| 06:00 | 55 | 60 | 59 | 44 | 13 | 7 | 54 | 54 | 42 |
| 07:00 | 94 | 97 | 101 | 84 | 45 | 24 | 88 | 93 | 76 |
| 08:00 | 106 | 86 | 100 | 87 | 59 | 47 | 91 | 94 | 82 |
| 09:00 | 40 | 63 | 61 | 62 | 50 | 54 | 62 | 58 | 56 |
| 10:00 | 50 | 51 | 54 | 75 | 48 | 46 | 60 | 58 | 55 |
| 11:00 | 47 | 58 | 66 | 54 | 49 | 37 | 45 | 54 | 51 |
| 12:00 | 42 | 47 | 60 | 58 | 74 | 37 | 53 | 52 | 53 |
| 13:00 | 50 | 54 | 62 | 67 | 53 | 52 | 59 | 58 | 57 |
| 14:00 | 66 | 60 | 79 | 64 | 46 | 31 | 58 | 65 | 58 |
| 15:00 | 90 | 67 | 79 | 71 | 46 | 46 | 64 | 74 | 66 |
| 16:00 | 100 | 81 | 92 | 102 | 34 | 31 | 85 | 92 | 75 |
| 17:00 | 92 | 81 | 79 | 81 | 43 | 37 | 86 | 84 | 71 |
| 18:00 | 47 | 56 | 66 | 50 | 29 | 31 | 46 | 53 | 46 |
| 19:00 | 32 | 36 | 35 | 31 | 20 | 23 | 29 | 33 | 29 |
| 20:00 | 19 | 27 | 19 | 21 | 13 | 22 | 22 | 22 | 20 |
| 21:00 | 11 | 20 | 18 | 15 | 10 | 8 | 17 | 16 | 14 |
| 22:00 | 17 | 13 | 20 | 7 | 9 | 10 | 12 | 14 | 13 |
| 23:00 | 5 | 6 | 3 | 7 | 8 | 3 | 2 | 5 | 5 |
| Total 12H(7-19) | 824 | 801 | 899 | 855 | 576 | 473 | 797 | 835 | 746 |
| 16H(6-22) | 941 | 944 | 1030 | 966 | 632 | 533 | 919 | 960 | 852 |
| 18H(6-24) | 963 | 963 | 1053 | 980 | 649 | 546 | 933 | 978 | 870 |
| 24H(0-24) | 1012 | 1008 | 1095 | 1028 | 685 | 566 | 990 | 1027 | 912 |
| AM Peak | 08:00 | 07:00 | 07:00 | 08:00 | 08:00 | 09:00 | 08:00 | 08:00 | 08:00 |
| | 106 | 97 | 101 | 87 | 59 | 54 | 91 | 94 | 82 |
| PM Peak | 16:00 | 16:00 | 16:00 | 16:00 | 12:00 | 13:00 | 17:00 | 16:00 | 16:00 |
| | 100 | 81 | 92 | 102 | 74 | 52 | 86 | 92 | 75 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Tue 06/06/2023 | Wed 07/06/2023 | Thu 08/06/2023 | Fri 09/06/2023 | Sat 10/06/2023 | Sun 11/06/2023 | Mon 12/06/2023 | 5-Day Ave. | 7-Day Ave. |
|---|---|---|---|---|---|---|---|---|---|
| 00:00 | 3 | 2 | 6 | 2 | 15 | 5 | 1 | 3 | 5 |
| 01:00 | 1 | 2 | 2 | 2 | 6 | 5 | 4 | 2 | 3 |
| 02:00 | 2 | 1 | 2 | 0 | 8 | 0 | 2 | 1 | 2 |
| 03:00 | 2 | 3 | 4 | 5 | 3 | 2 | 7 | 4 | 4 |
| 04:00 | 13 | 14 | 7 | 17 | 5 | 2 | 13 | 13 | 10 |
| 05:00 | 55 | 51 | 48 | 48 | 30 | 19 | 53 | 51 | 43 |
| 06:00 | 120 | 116 | 117 | 99 | 32 | 14 | 114 | 113 | 87 |
| 07:00 | 224 | 215 | 218 | 197 | 77 | 33 | 218 | 214 | 169 |
| 08:00 | 222 | 200 | 199 | 195 | 116 | 75 | 191 | 201 | 171 |
| 09:00 | 119 | 134 | 149 | 149 | 134 | 102 | 174 | 145 | 137 |
| 10:00 | 116 | 145 | 155 | 165 | 110 | 100 | 134 | 143 | 132 |
| 11:00 | 133 | 144 | 131 | 153 | 129 | 115 | 138 | 140 | 135 |
| 12:00 | 128 | 136 | 153 | 140 | 181 | 117 | 134 | 138 | 141 |
| 13:00 | 120 | 127 | 158 | 177 | 187 | 121 | 135 | 143 | 146 |
| 14:00 | 163 | 164 | 179 | 167 | 189 | 117 | 167 | 168 | 164 |
| 15:00 | 214 | 189 | 194 | 182 | 175 | 123 | 187 | 193 | 181 |
| 16:00 | 268 | 218 | 256 | 266 | 108 | 95 | 228 | 247 | 206 |
| 17:00 | 256 | 246 | 250 | 187 | 119 | 121 | 228 | 233 | 201 |
| 18:00 | 118 | 107 | 137 | 132 | 79 | 91 | 119 | 123 | 112 |
| 19:00 | 75 | 69 | 83 | 71 | 56 | 49 | 69 | 73 | 67 |
| 20:00 | 40 | 55 | 51 | 45 | 25 | 40 | 45 | 47 | 43 |
| 21:00 | 30 | 43 | 38 | 30 | 24 | 21 | 34 | 35 | 31 |
| 22:00 | 25 | 25 | 35 | 15 | 22 | 19 | 27 | 25 | 24 |
| 23:00 | 11 | 9 | 7 | 13 | 14 | 3 | 4 | 9 | 9 |
| Total 12H(7-19) | 2081 | 2025 | 2179 | 2110 | 1604 | 1210 | 2053 | 2090 | 1895 |
| 16H(6-22) | 2346 | 2308 | 2468 | 2355 | 1741 | 1334 | 2315 | 2358 | 2124 |
| 18H(6-24) | 2382 | 2342 | 2510 | 2383 | 1777 | 1356 | 2346 | 2393 | 2157 |
| 24H(0-24) | 2458 | 2415 | 2579 | 2457 | 1844 | 1389 | 2426 | 2467 | 2224 |
| AM Peak | 07:00 | 07:00 | 07:00 | 07:00 | 09:00 | 11:00 | 07:00 | 07:00 | 08:00 |
| | 224 | 215 | 218 | 197 | 134 | 115 | 218 | 214 | 171 |
| PM Peak | 16:00 | 17:00 | 16:00 | 16:00 | 14:00 | 15:00 | 16:00 | 16:00 | 16:00 |
| | 268 | 246 | 256 | 266 | 189 | 123 | 228 | 247 | 206 |

Paul Castle Associates

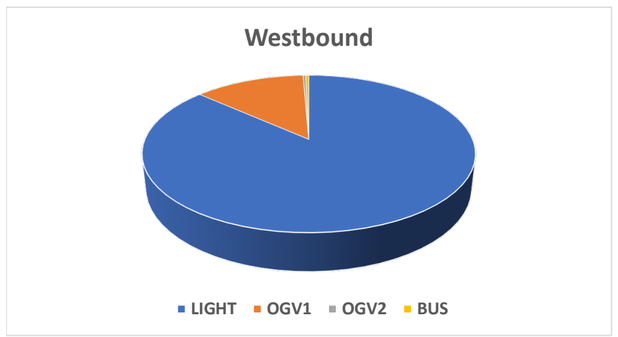
## Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 1446 | 1232 | 202 | 3 | 9 |
| Wed 7 Jun 2023 | 1407 | 1216 | 183 | 5 | 3 |
| Thu 8 Jun 2023 | 1484 | 1245 | 226 | 7 | 6 |
| Fri 9 Jun 2023 | 1429 | 1210 | 210 | 3 | 6 |
| Sat 10 Jun 2023 | 1159 | 1093 | 64 | 1 | 1 |
| Sun 11 Jun 2023 | 823 | 758 | 61 | 1 | 3 |
| Mon 12 Jun 2023 | 1436 | 1195 | 229 | 8 | 4 |
| 5 Day Ave. | 1440 | 1220 | 210 | 5 | 6 |
| 7 Day Ave. | 1312 | 1136 | 168 | 4 | 5 |

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 100.0% | 85.2% | 14.0% | 0.2% | 0.6% |
| Wed 7 Jun 2023 | 100.0% | 86.4% | 13.0% | 0.4% | 0.2% |
| Thu 8 Jun 2023 | 100.0% | 83.9% | 15.2% | 0.5% | 0.4% |
| Fri 9 Jun 2023 | 100.0% | 84.7% | 14.7% | 0.2% | 0.4% |
| Sat 10 Jun 2023 | 100.0% | 94.3% | 5.5% | 0.1% | 0.1% |
| Sun 11 Jun 2023 | 100.0% | 92.1% | 7.4% | 0.1% | 0.4% |
| Mon 12 Jun 2023 | 100.0% | 83.2% | 15.9% | 0.6% | 0.3% |
| 5 Day Ave. | 100.0% | 84.7% | 14.6% | 0.4% | 0.4% |
| 7 Day Ave. | 100.0% | 86.6% | 12.8% | 0.3% | 0.3% |

Paul Castle Associates

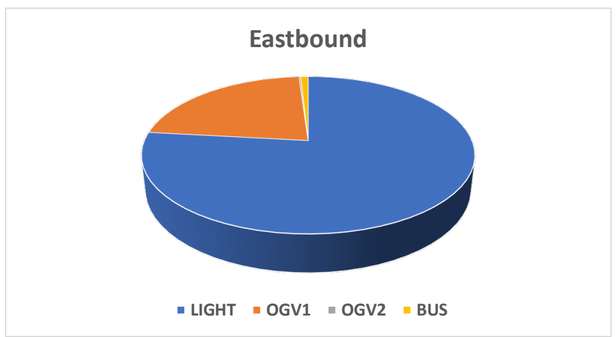



**Direction: Eastbound**

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 1012 | 755 | 245 | 1 | 11 |
| Wed 7 Jun 2023 | 1008 | 775 | 225 | 1 | 7 |
| Thu 8 Jun 2023 | 1095 | 808 | 271 | 2 | 14 |
| Fri 9 Jun 2023 | 1028 | 787 | 232 | 1 | 8 |
| Sat 10 Jun 2023 | 685 | 564 | 119 | 0 | 2 |
| Sun 11 Jun 2023 | 566 | 470 | 94 | 0 | 2 |
| Mon 12 Jun 2023 | 990 | 741 | 230 | 8 | 11 |
| 5 Day Ave. | 1027 | 773 | 241 | 3 | 10 |
| 7 Day Ave. | 912 | 700 | 202 | 2 | 8 |

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 100.0% | 74.6% | 24.2% | 0.1% | 1.1% |
| Wed 7 Jun 2023 | 100.0% | 76.9% | 22.3% | 0.1% | 0.7% |
| Thu 8 Jun 2023 | 100.0% | 73.8% | 24.7% | 0.2% | 1.3% |
| Fri 9 Jun 2023 | 100.0% | 76.6% | 22.6% | 0.1% | 0.8% |
| Sat 10 Jun 2023 | 100.0% | 82.3% | 17.4% | 0.0% | 0.3% |
| Sun 11 Jun 2023 | 100.0% | 83.0% | 16.6% | 0.0% | 0.4% |
| Mon 12 Jun 2023 | 100.0% | 74.8% | 23.2% | 0.8% | 1.1% |
| 5 Day Ave. | 100.0% | 75.3% | 23.4% | 0.3% | 1.0% |
| 7 Day Ave. | 100.0% | 76.8% | 22.2% | 0.2% | 0.9% |

Paul Castle Associates

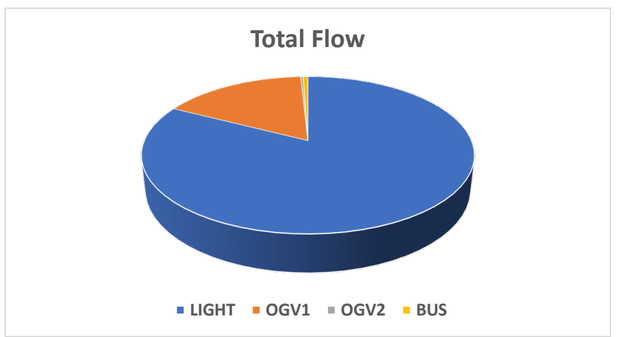



**Direction: Total Flow**

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 2458 | 1987 | 447 | 4 | 20 |
| Wed 7 Jun 2023 | 2415 | 1991 | 408 | 6 | 10 |
| Thu 8 Jun 2023 | 2579 | 2053 | 497 | 9 | 20 |
| Fri 9 Jun 2023 | 2457 | 1997 | 442 | 4 | 14 |
| Sat 10 Jun 2023 | 1844 | 1657 | 183 | 1 | 3 |
| Sun 11 Jun 2023 | 1389 | 1228 | 155 | 1 | 5 |
| Mon 12 Jun 2023 | 2426 | 1936 | 459 | 16 | 15 |
| 5 Day Ave. | 2467 | 1993 | 451 | 8 | 16 |
| 7 Day Ave. | 2224 | 1836 | 370 | 6 | 12 |

| | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 100.0% | 80.8% | 18.2% | 0.2% | 0.8% |
| Wed 7 Jun 2023 | 100.0% | 82.4% | 16.9% | 0.2% | 0.4% |
| Thu 8 Jun 2023 | 100.0% | 79.6% | 19.3% | 0.3% | 0.8% |
| Fri 9 Jun 2023 | 100.0% | 81.3% | 18.0% | 0.2% | 0.6% |
| Sat 10 Jun 2023 | 100.0% | 89.9% | 9.9% | 0.1% | 0.2% |
| Sun 11 Jun 2023 | 100.0% | 88.4% | 11.2% | 0.1% | 0.4% |
| Mon 12 Jun 2023 | 100.0% | 79.8% | 18.9% | 0.7% | 0.6% |
| 5 Day Ave. | 100.0% | 80.8% | 18.3% | 0.3% | 0.6% |
| 7 Day Ave. | 100.0% | 82.5% | 16.6% | 0.3% | 0.6% |

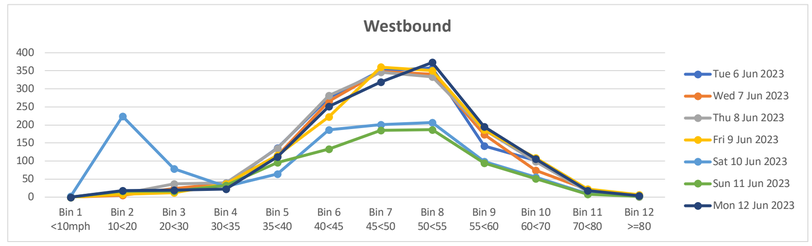
Paul Castle Associates



## Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

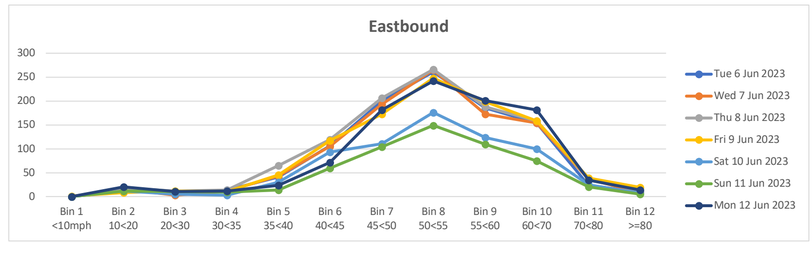
| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 1446 | 58.0 | 48.7 | 9.0 | 0 | 9 | 17 | 36 | 136 | 275 | 350 | 358 | 142 | 101 | 18 | 4 |
| Wed 7 Jun 2023 | 1407 | 57.9 | 48.7 | 8.9 | 0 | 5 | 24 | 38 | 114 | 266 | 348 | 340 | 174 | 74 | 21 | 3 |
| Thu 8 Jun 2023 | 1484 | 57.9 | 48.3 | 9.2 | 0 | 9 | 37 | 40 | 135 | 282 | 346 | 334 | 187 | 98 | 15 | 1 |
| Fri 9 Jun 2023 | 1429 | 59.1 | 49.6 | 9.2 | 0 | 8 | 12 | 37 | 116 | 222 | 360 | 350 | 186 | 109 | 23 | 6 |
| Sat 10 Jun 2023 | 1159 | 57.2 | 40.8 | 15.8 | 2 | 224 | 79 | 29 | 64 | 187 | 201 | 206 | 99 | 55 | 10 | 3 |
| Sun 11 Jun 2023 | 823 | 58.1 | 47.6 | 10.1 | 0 | 16 | 17 | 33 | 96 | 133 | 185 | 187 | 95 | 51 | 8 | 2 |
| Mon 12 Jun 2023 | 1436 | 59.0 | 49.3 | 9.4 | 0 | 18 | 19 | 22 | 112 | 251 | 319 | 373 | 195 | 106 | 18 | 3 |
| 5 Day Ave. | 1440 | 58.4 | 48.9 | 9.1 | 0 | 10 | 22 | 35 | 123 | 259 | 345 | 351 | 177 | 98 | 19 | 3 |
| 7 Day Ave. | 1312 | 58.2 | 47.6 | 10.2 | 0 | 41 | 29 | 34 | 110 | 231 | 301 | 307 | 154 | 85 | 16 | 3 |






**Direction: Eastbound**

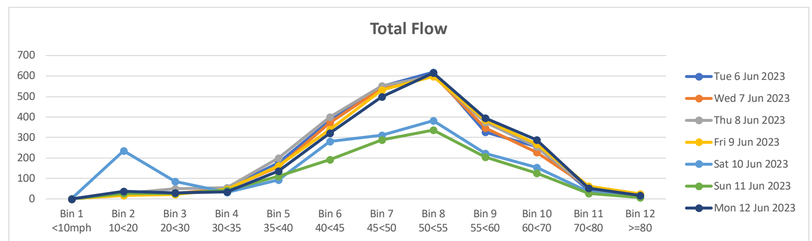
| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 1012 | 63.0 | 52.6 | 10.0 | 0 | 11 | 7 | 14 | 41 | 106 | 200 | 261 | 185 | 154 | 24 | 9 |
| Wed 7 Jun 2023 | 1008 | 63.6 | 52.8 | 10.5 | 0 | 16 | 3 | 12 | 43 | 105 | 193 | 265 | 172 | 154 | 37 | 8 |
| Thu 8 Jun 2023 | 1095 | 63.6 | 52.2 | 11.0 | 0 | 18 | 12 | 14 | 65 | 119 | 206 | 266 | 188 | 158 | 38 | 11 |
| Fri 9 Jun 2023 | 1028 | 64.6 | 53.4 | 10.8 | 1 | 8 | 11 | 10 | 45 | 117 | 173 | 248 | 199 | 158 | 39 | 19 |
| Sat 10 Jun 2023 | 685 | 63.8 | 52.6 | 10.8 | 0 | 12 | 5 | 3 | 30 | 93 | 111 | 176 | 123 | 100 | 25 | 7 |
| Sun 11 Jun 2023 | 566 | 63.8 | 52.3 | 11.1 | 0 | 12 | 10 | 9 | 14 | 59 | 104 | 149 | 109 | 75 | 20 | 5 |
| Mon 12 Jun 2023 | 990 | 65.2 | 53.8 | 11.1 | 0 | 20 | 10 | 12 | 24 | 71 | 181 | 242 | 201 | 181 | 34 | 14 |
| 5 Day Ave. | 1027 | 64.0 | 52.9 | 10.7 | 0 | 15 | 9 | 12 | 44 | 104 | 191 | 256 | 189 | 161 | 34 | 12 |
| 7 Day Ave. | 912 | 63.9 | 52.8 | 10.7 | 0 | 14 | 8 | 11 | 37 | 96 | 167 | 230 | 168 | 140 | 31 | 10 |






**Direction: Total Flow**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 2458 | 60.3 | 50.3 | 9.7 | 0 | 20 | 24 | 50 | 177 | 381 | 550 | 619 | 327 | 255 | 42 | 13 |
| Wed 7 Jun 2023 | 2415 | 60.5 | 50.4 | 9.8 | 0 | 21 | 27 | 50 | 157 | 371 | 541 | 605 | 346 | 228 | 58 | 11 |
| Thu 8 Jun 2023 | 2579 | 60.5 | 50.0 | 10.2 | 0 | 27 | 49 | 54 | 200 | 401 | 552 | 600 | 375 | 256 | 53 | 12 |
| Fri 9 Jun 2023 | 2457 | 61.6 | 51.2 | 10.1 | 1 | 16 | 23 | 47 | 161 | 339 | 533 | 598 | 385 | 267 | 62 | 25 |
| Sat 10 Jun 2023 | 1844 | 61.0 | 45.2 | 15.2 | 2 | 236 | 84 | 32 | 94 | 280 | 312 | 382 | 222 | 155 | 35 | 10 |
| Sun 11 Jun 2023 | 1389 | 60.7 | 49.5 | 10.8 | 0 | 28 | 27 | 42 | 110 | 192 | 289 | 336 | 204 | 126 | 28 | 7 |
| Mon 12 Jun 2023 | 2426 | 61.8 | 51.1 | 10.3 | 0 | 38 | 29 | 34 | 136 | 322 | 500 | 615 | 396 | 287 | 52 | 17 |
| 5 Day Ave. | 2467 | 61.0 | 50.6 | 10.0 | 0 | 24 | 30 | 47 | 166 | 363 | 535 | 607 | 366 | 259 | 53 | 16 |
| 7 Day Ave. | 2224 | 60.9 | 49.7 | 10.9 | 0 | 55 | 38 | 44 | 148 | 327 | 468 | 536 | 322 | 225 | 47 | 14 |



# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 152 | 54.0 | 44.4 | 9.3 | 0 | 2 | 1 | 14 | 32 | 39 | 29 | 17 | 9 | 8 | 1 | 0 |
| Wed 7 Jun 2023 | 180 | 56.4 | 47.0 | 9.1 | 0 | 1 | 3 | 6 | 22 | 42 | 49 | 31 | 19 | 2 | 4 | 1 |
| Thu 8 Jun 2023 | 166 | 53.9 | 44.5 | 9.1 | 0 | 1 | 10 | 10 | 23 | 47 | 25 | 32 | 14 | 4 | 0 | 0 |
| Fri 9 Jun 2023 | 189 | 56.7 | 47.5 | 8.9 | 0 | 0 | 5 | 3 | 26 | 35 | 54 | 37 | 18 | 8 | 2 | 1 |
| Sat 10 Jun 2023 | 142 | 58.7 | 43.9 | 14.3 | 0 | 21 | 2 | 2 | 7 | 25 | 32 | 33 | 12 | 7 | 0 | 1 |
| Sun 11 Jun 2023 | 132 | 58.5 | 48.7 | 9.5 | 0 | 4 | 0 | 1 | 10 | 22 | 35 | 32 | 21 | 5 | 2 | 0 |
| Mon 12 Jun 2023 | 167 | 54.8 | 44.9 | 9.6 | 0 | 6 | 4 | 5 | 24 | 39 | 43 | 29 | 12 | 5 | 0 | 0 |
| 5 Day Ave. | 171 | 55.2 | 45.6 | 9.2 | 0 | 2 | 5 | 8 | 25 | 40 | 40 | 29 | 14 | 5 | 1 | 0 |
| 7 Day Ave. | 161 | 56.2 | 45.8 | 10.0 | 0 | 5 | 4 | 6 | 21 | 36 | 38 | 30 | 15 | 6 | 1 | 0 |

**Paul Castle Associates**

**Direction: Eastbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 97 | 60.1 | 48.5 | 11.2 | 0 | 3 | 3 | 1 | 9 | 14 | 24 | 17 | 17 | 8 | 0 | 1 |
| Wed 7 Jun 2023 | 109 | 59.3 | 49.3 | 9.6 | 0 | 2 | 0 | 2 | 9 | 19 | 28 | 25 | 12 | 10 | 2 | 0 |
| Thu 8 Jun 2023 | 120 | 59.8 | 48.6 | 10.8 | 0 | 3 | 0 | 4 | 10 | 33 | 18 | 21 | 16 | 12 | 3 | 0 |
| Fri 9 Jun 2023 | 129 | 60.6 | 49.7 | 10.5 | 1 | 2 | 0 | 2 | 11 | 26 | 22 | 29 | 19 | 16 | 0 | 1 |
| Sat 10 Jun 2023 | 97 | 62.3 | 50.8 | 11.1 | 0 | 3 | 1 | 0 | 8 | 14 | 12 | 28 | 15 | 14 | 2 | 0 |
| Sun 11 Jun 2023 | 83 | 65.9 | 53.0 | 12.5 | 0 | 3 | 1 | 1 | 2 | 8 | 16 | 15 | 18 | 14 | 4 | 1 |
| Mon 12 Jun 2023 | 105 | 62.5 | 50.1 | 11.9 | 0 | 6 | 1 | 2 | 1 | 9 | 27 | 25 | 23 | 9 | 1 | 1 |
| 5 Day Ave. | 112 | 60.4 | 49.2 | 10.8 | 0 | 3 | 1 | 2 | 8 | 20 | 24 | 23 | 17 | 11 | 1 | 1 |
| 7 Day Ave. | 106 | 61.5 | 50.0 | 11.1 | 0 | 3 | 1 | 2 | 7 | 18 | 21 | 23 | 17 | 12 | 2 | 1 |

**Paul Castle Associates**

**Direction: Total Flow**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 249 | 56.6 | 46.0 | 10.2 | 0 | 5 | 4 | 15 | 41 | 53 | 53 | 34 | 26 | 16 | 1 | 1 |
| Wed 7 Jun 2023 | 289 | 57.5 | 47.9 | 9.4 | 0 | 3 | 3 | 8 | 31 | 61 | 77 | 56 | 31 | 12 | 6 | 1 |
| Thu 8 Jun 2023 | 286 | 56.6 | 46.2 | 10.0 | 0 | 4 | 10 | 14 | 33 | 80 | 43 | 53 | 30 | 16 | 3 | 0 |
| Fri 9 Jun 2023 | 318 | 58.4 | 48.4 | 9.6 | 1 | 2 | 5 | 5 | 37 | 61 | 76 | 66 | 37 | 24 | 2 | 2 |
| Sat 10 Jun 2023 | 239 | 60.7 | 46.7 | 13.5 | 0 | 24 | 3 | 2 | 15 | 39 | 44 | 61 | 27 | 21 | 2 | 1 |
| Sun 11 Jun 2023 | 215 | 61.6 | 50.3 | 10.9 | 0 | 7 | 1 | 2 | 12 | 30 | 51 | 47 | 39 | 19 | 6 | 1 |
| Mon 12 Jun 2023 | 272 | 58.1 | 46.9 | 10.8 | 0 | 12 | 5 | 7 | 25 | 48 | 70 | 54 | 35 | 14 | 1 | 1 |
| 5 Day Ave. | 283 | 57.4 | 47.1 | 10.0 | 0 | 5 | 5 | 10 | 33 | 61 | 64 | 53 | 32 | 16 | 3 | 1 |
| 7 Day Ave. | 267 | 58.5 | 47.5 | 10.6 | 0 | 8 | 4 | 8 | 28 | 53 | 59 | 53 | 32 | 17 | 3 | 1 |

**Paul Castle Associates**

# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 221 | 55.6 | 46.7 | 8.6 | 0 | 0 | 3 | 9 | 33 | 51 | 55 | 44 | 13 | 9 | 4 | 0 |
| Wed 7 Jun 2023 | 226 | 55.4 | 46.6 | 8.5 | 0 | 0 | 7 | 11 | 25 | 47 | 57 | 53 | 17 | 7 | 2 | 0 |
| Thu 8 Jun 2023 | 215 | 57.2 | 47.8 | 9.1 | 0 | 1 | 9 | 3 | 21 | 39 | 53 | 54 | 20 | 14 | 1 | 0 |
| Fri 9 Jun 2023 | 214 | 59.0 | 49.5 | 9.2 | 0 | 0 | 0 | 6 | 29 | 36 | 44 | 43 | 35 | 15 | 6 | 0 |
| Sat 10 Jun 2023 | 272 | 47.1 | 31.3 | 15.3 | 0 | 96 | 52 | 9 | 12 | 37 | 26 | 23 | 13 | 4 | 0 | 0 |
| Sun 11 Jun 2023 | 163 | 56.7 | 46.5 | 9.9 | 0 | 4 | 4 | 5 | 22 | 32 | 32 | 42 | 13 | 8 | 1 | 0 |
| Mon 12 Jun 2023 | 232 | 57.5 | 48.2 | 9.0 | 0 | 4 | 3 | 2 | 20 | 48 | 51 | 66 | 27 | 9 | 1 | 1 |
| 5 Day Ave. | 222 | 57.0 | 47.8 | 8.9 | 0 | 1 | 4 | 6 | 26 | 44 | 52 | 52 | 22 | 11 | 3 | 0 |
| 7 Day Ave. | 220 | 55.5 | 45.2 | 9.9 | 0 | 15 | 11 | 6 | 23 | 41 | 45 | 46 | 20 | 9 | 2 | 0 |

**Paul Castle Associates**

**Direction: Eastbound**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 156 | 61.7 | 50.8 | 10.5 | 0 | 4 | 2 | 2 | 13 | 12 | 30 | 40 | 30 | 22 | 1 | 0 |
| Wed 7 Jun 2023 | 127 | 62.5 | 51.1 | 11.0 | 0 | 2 | 3 | 5 | 9 | 13 | 15 | 32 | 27 | 19 | 2 | 0 |
| Thu 8 Jun 2023 | 158 | 62.9 | 51.2 | 11.3 | 0 | 4 | 0 | 2 | 17 | 20 | 22 | 41 | 23 | 22 | 7 | 0 |
| Fri 9 Jun 2023 | 135 | 62.1 | 53.6 | 8.3 | 0 | 0 | 2 | 1 | 3 | 12 | 21 | 39 | 30 | 27 | 0 | 0 |
| Sat 10 Jun 2023 | 92 | 59.3 | 50.8 | 8.2 | 0 | 0 | 0 | 1 | 4 | 23 | 12 | 27 | 16 | 7 | 2 | 0 |
| Sun 11 Jun 2023 | 77 | 62.9 | 50.9 | 11.6 | 0 | 1 | 2 | 4 | 5 | 8 | 12 | 17 | 17 | 8 | 2 | 1 |
| Mon 12 Jun 2023 | 122 | 61.7 | 51.5 | 9.9 | 0 | 1 | 3 | 4 | 3 | 12 | 25 | 34 | 21 | 17 | 2 | 0 |
| 5 Day Ave. | 140 | 62.2 | 51.6 | 10.2 | 0 | 2 | 2 | 3 | 9 | 14 | 23 | 37 | 26 | 21 | 2 | 0 |
| 7 Day Ave. | 124 | 61.9 | 51.4 | 10.1 | 0 | 2 | 2 | 3 | 8 | 14 | 20 | 33 | 23 | 17 | 2 | 0 |

**Paul Castle Associates**

**Direction: Total Flow**

| | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tue 6 Jun 2023 | 377 | 58.4 | 48.4 | 9.6 | 0 | 4 | 5 | 11 | 46 | 63 | 85 | 84 | 43 | 31 | 5 | 0 |
| Wed 7 Jun 2023 | 353 | 58.3 | 48.2 | 9.7 | 0 | 2 | 10 | 16 | 34 | 60 | 72 | 85 | 44 | 26 | 4 | 0 |
| Thu 8 Jun 2023 | 373 | 59.8 | 49.2 | 10.2 | 0 | 5 | 9 | 5 | 38 | 59 | 75 | 95 | 43 | 36 | 8 | 0 |
| Fri 9 Jun 2023 | 349 | 60.5 | 51.1 | 9.0 | 0 | 0 | 2 | 7 | 32 | 48 | 65 | 82 | 65 | 42 | 6 | 0 |
| Sat 10 Jun 2023 | 364 | 53.0 | 36.2 | 16.2 | 0 | 96 | 52 | 10 | 16 | 60 | 38 | 50 | 29 | 11 | 2 | 0 |
| Sun 11 Jun 2023 | 240 | 58.9 | 47.9 | 10.6 | 0 | 5 | 6 | 9 | 27 | 40 | 44 | 59 | 30 | 16 | 3 | 1 |
| Mon 12 Jun 2023 | 354 | 59.1 | 49.3 | 9.4 | 0 | 5 | 6 | 6 | 23 | 60 | 76 | 100 | 48 | 26 | 3 | 1 |
| 5 Day Ave. | 361 | 59.2 | 49.3 | 9.6 | 0 | 3 | 6 | 9 | 35 | 58 | 75 | 89 | 49 | 32 | 5 | 0 |
| 7 Day Ave. | 344 | 58.3 | 47.2 | 10.7 | 0 | 17 | 13 | 9 | 31 | 56 | 65 | 79 | 43 | 27 | 4 | 0 |

**Paul Castle Associates**

# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

06/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 1 | 1 | 0 | 0 | 0 |
| 02:00 | 2 | 2 | 0 | 0 | 0 |
| 03:00 | 1 | 1 | 0 | 0 | 0 |
| 04:00 | 6 | 5 | 1 | 0 | 0 |
| 05:00 | 17 | 16 | 1 | 0 | 0 |
| 06:00 | 65 | 59 | 6 | 0 | 0 |
| 07:00 | 130 | 116 | 13 | 1 | 0 |
| 08:00 | 116 | 102 | 14 | 0 | 0 |
| 09:00 | 79 | 62 | 16 | 0 | 1 |
| 10:00 | 66 | 51 | 14 | 1 | 0 |
| 11:00 | 86 | 66 | 19 | 0 | 1 |
| 12:00 | 86 | 62 | 22 | 0 | 2 |
| 13:00 | 70 | 49 | 19 | 1 | 1 |
| 14:00 | 97 | 81 | 15 | 0 | 1 |
| 15:00 | 124 | 96 | 26 | 0 | 2 |
| 16:00 | 168 | 155 | 13 | 0 | 0 |
| 17:00 | 164 | 152 | 11 | 0 | 1 |
| 18:00 | 71 | 67 | 4 | 0 | 0 |
| 19:00 | 43 | 40 | 3 | 0 | 0 |
| 20:00 | 21 | 17 | 4 | 0 | 0 |
| 21:00 | 19 | 19 | 0 | 0 | 0 |
| 22:00 | 8 | 8 | 0 | 0 | 0 |
| 23:00 | 6 | 5 | 1 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 1257 | 1059 | 186 | 3 | 9 |
| 16H(6-22) | 1405 | 1194 | 199 | 3 | 9 |
| 18H(6-24) | 1419 | 1207 | 200 | 3 | 9 |
| 24H(0-24) | 1446 | 1232 | 202 | 3 | 9 |
| AM Peak | 07:00 | 07:00 | 11:00 | 07:00 | 09:00 |
| | 130 | 116 | 19 | 1 | 1 |
| PM Peak | 16:00 | 16:00 | 15:00 | 13:00 | 12:00 |
| | 168 | 155 | 26 | 1 | 2 |

Paul Castle Associates

**Direction: Eastbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 3 | 3 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 1 | 1 | 0 | 0 | 0 |
| 04:00 | 7 | 5 | 2 | 0 | 0 |
| 05:00 | 38 | 32 | 6 | 0 | 0 |
| 06:00 | 55 | 43 | 11 | 0 | 1 |
| 07:00 | 94 | 72 | 22 | 0 | 0 |
| 08:00 | 106 | 75 | 27 | 0 | 4 |
| 09:00 | 40 | 26 | 13 | 0 | 1 |
| 10:00 | 50 | 38 | 12 | 0 | 0 |
| 11:00 | 47 | 34 | 11 | 0 | 2 |
| 12:00 | 42 | 26 | 14 | 0 | 2 |
| 13:00 | 50 | 34 | 15 | 0 | 1 |
| 14:00 | 66 | 45 | 21 | 0 | 0 |
| 15:00 | 90 | 68 | 22 | 0 | 0 |
| 16:00 | 100 | 70 | 29 | 1 | 0 |
| 17:00 | 92 | 72 | 20 | 0 | 0 |
| 18:00 | 47 | 41 | 6 | 0 | 0 |
| 19:00 | 32 | 25 | 7 | 0 | 0 |
| 20:00 | 19 | 18 | 1 | 0 | 0 |
| 21:00 | 11 | 8 | 3 | 0 | 0 |
| 22:00 | 17 | 14 | 3 | 0 | 0 |
| 23:00 | 5 | 5 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 824 | 601 | 212 | 1 | 10 |
| 16H(6-22) | 941 | 695 | 234 | 1 | 11 |
| 18H(6-24) | 963 | 714 | 237 | 1 | 11 |
| 24H(0-24) | 1012 | 755 | 245 | 1 | 11 |
| AM Peak | 08:00 | 08:00 | 08:00 | 00:00 | 08:00 |
| | 106 | 75 | 27 | 0 | 4 |
| PM Peak | 16:00 | 17:00 | 16:00 | 16:00 | 12:00 |
| | 100 | 72 | 29 | 1 | 2 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 3 | 3 | 0 | 0 | 0 |
| 01:00 | 1 | 1 | 0 | 0 | 0 |
| 02:00 | 2 | 2 | 0 | 0 | 0 |
| 03:00 | 2 | 2 | 0 | 0 | 0 |
| 04:00 | 13 | 10 | 3 | 0 | 0 |
| 05:00 | 55 | 48 | 7 | 0 | 0 |
| 06:00 | 120 | 102 | 17 | 0 | 1 |
| 07:00 | 224 | 188 | 35 | 1 | 0 |
| 08:00 | 222 | 177 | 41 | 0 | 4 |
| 09:00 | 119 | 88 | 29 | 0 | 2 |
| 10:00 | 116 | 89 | 26 | 1 | 0 |
| 11:00 | 133 | 100 | 30 | 0 | 3 |
| 12:00 | 128 | 88 | 36 | 0 | 4 |
| 13:00 | 120 | 83 | 34 | 1 | 2 |
| 14:00 | 163 | 126 | 36 | 0 | 1 |
| 15:00 | 214 | 164 | 48 | 0 | 2 |
| 16:00 | 268 | 225 | 42 | 1 | 0 |
| 17:00 | 256 | 224 | 31 | 0 | 1 |
| 18:00 | 118 | 108 | 10 | 0 | 0 |
| 19:00 | 75 | 65 | 10 | 0 | 0 |
| 20:00 | 40 | 35 | 5 | 0 | 0 |
| 21:00 | 30 | 27 | 3 | 0 | 0 |
| 22:00 | 25 | 22 | 3 | 0 | 0 |
| 23:00 | 11 | 10 | 1 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 2081 | 1660 | 398 | 4 | 19 |
| 16H(6-22) | 2346 | 1889 | 433 | 4 | 20 |
| 18H(6-24) | 2382 | 1921 | 437 | 4 | 20 |
| 24H(0-24) | 2458 | 1987 | 447 | 4 | 20 |
| AM Peak | 07:00 | 07:00 | 08:00 | 07:00 | 08:00 |
| | 224 | 188 | 41 | 1 | 4 |
| PM Peak | 16:00 | 16:00 | 15:00 | 13:00 | 12:00 |
| | 268 | 225 | 48 | 1 | 4 |

Paul Castle Associates

# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

**07/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 1 | 1 | 0 | 0 | 0 |
| 01:00 | 2 | 2 | 0 | 0 | 0 |
| 02:00 | 1 | 0 | 1 | 0 | 0 |
| 03:00 | 1 | 1 | 0 | 0 | 0 |
| 04:00 | 9 | 8 | 1 | 0 | 0 |
| 05:00 | 14 | 13 | 1 | 0 | 0 |
| 06:00 | 56 | 50 | 6 | 0 | 0 |
| 07:00 | 118 | 109 | 8 | 1 | 0 |
| 08:00 | 114 | 104 | 9 | 1 | 0 |
| 09:00 | 71 | 60 | 11 | 0 | 0 |
| 10:00 | 94 | 73 | 21 | 0 | 0 |
| 11:00 | 86 | 62 | 24 | 0 | 0 |
| 12:00 | 89 | 76 | 13 | 0 | 0 |
| 13:00 | 73 | 52 | 20 | 0 | 1 |
| 14:00 | 104 | 89 | 13 | 1 | 1 |
| 15:00 | 122 | 100 | 20 | 1 | 1 |
| 16:00 | 137 | 123 | 14 | 0 | 0 |
| 17:00 | 165 | 155 | 10 | 0 | 0 |
| 18:00 | 51 | 45 | 6 | 0 | 0 |
| 19:00 | 33 | 30 | 3 | 0 | 0 |
| 20:00 | 28 | 26 | 1 | 1 | 0 |
| 21:00 | 23 | 22 | 1 | 0 | 0 |
| 22:00 | 12 | 12 | 0 | 0 | 0 |
| 23:00 | 3 | 3 | 0 | 0 | 0 |
| Total 12H(7-19) | 1224 | 1048 | 169 | 4 | 3 |
| 16H(6-22) | 1364 | 1176 | 180 | 5 | 3 |
| 18H(6-24) | 1379 | 1191 | 180 | 5 | 3 |
| 24H(0-24) | 1407 | 1216 | 183 | 5 | 3 |
| AM Peak | 07:00 | 07:00 | 11:00 | 07:00 | 00:00 |
| | 118 | 109 | 24 | 1 | 0 |
| PM Peak | 17:00 | 17:00 | 13:00 | 14:00 | 13:00 |
| | 165 | 155 | 20 | 1 | 1 |

Paul Castle Associates

**Direction: Eastbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 1 | 1 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 2 | 2 | 0 | 0 | 0 |
| 04:00 | 5 | 3 | 2 | 0 | 0 |
| 05:00 | 37 | 33 | 4 | 0 | 0 |
| 06:00 | 60 | 51 | 8 | 0 | 1 |
| 07:00 | 97 | 71 | 26 | 0 | 0 |
| 08:00 | 86 | 66 | 20 | 0 | 0 |
| 09:00 | 63 | 36 | 27 | 0 | 0 |
| 10:00 | 51 | 36 | 15 | 0 | 0 |
| 11:00 | 58 | 47 | 9 | 0 | 2 |
| 12:00 | 47 | 30 | 17 | 0 | 0 |
| 13:00 | 54 | 39 | 14 | 0 | 1 |
| 14:00 | 60 | 44 | 16 | 0 | 0 |
| 15:00 | 67 | 48 | 15 | 1 | 3 |
| 16:00 | 81 | 64 | 17 | 0 | 0 |
| 17:00 | 81 | 72 | 9 | 0 | 0 |
| 18:00 | 56 | 47 | 9 | 0 | 0 |
| 19:00 | 36 | 28 | 8 | 0 | 0 |
| 20:00 | 27 | 22 | 5 | 0 | 0 |
| 21:00 | 20 | 17 | 3 | 0 | 0 |
| 22:00 | 13 | 12 | 1 | 0 | 0 |
| 23:00 | 6 | 6 | 0 | 0 | 0 |
| Total 12H(7-19) | 801 | 600 | 194 | 1 | 6 |
| 16H(6-22) | 944 | 718 | 218 | 1 | 7 |
| 18H(6-24) | 963 | 736 | 219 | 1 | 7 |
| 24H(0-24) | 1008 | 775 | 225 | 1 | 7 |
| AM Peak | 07:00 | 07:00 | 09:00 | 00:00 | 11:00 |
| | 97 | 71 | 27 | 0 | 2 |
| PM Peak | 16:00 | 17:00 | 12:00 | 15:00 | 15:00 |
| | 81 | 72 | 17 | 1 | 3 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 2 | 2 | 0 | 0 | 0 |
| 01:00 | 2 | 2 | 0 | 0 | 0 |
| 02:00 | 1 | 0 | 1 | 0 | 0 |
| 03:00 | 3 | 3 | 0 | 0 | 0 |
| 04:00 | 14 | 11 | 3 | 0 | 0 |
| 05:00 | 51 | 46 | 5 | 0 | 0 |
| 06:00 | 116 | 101 | 14 | 0 | 1 |
| 07:00 | 215 | 180 | 34 | 1 | 0 |
| 08:00 | 200 | 170 | 29 | 1 | 0 |
| 09:00 | 134 | 96 | 38 | 0 | 0 |
| 10:00 | 145 | 109 | 36 | 0 | 0 |
| 11:00 | 144 | 109 | 33 | 0 | 2 |
| 12:00 | 136 | 106 | 30 | 0 | 0 |
| 13:00 | 127 | 91 | 34 | 0 | 2 |
| 14:00 | 164 | 133 | 29 | 1 | 1 |
| 15:00 | 189 | 148 | 35 | 2 | 4 |
| 16:00 | 218 | 187 | 31 | 0 | 0 |
| 17:00 | 246 | 227 | 19 | 0 | 0 |
| 18:00 | 107 | 92 | 15 | 0 | 0 |
| 19:00 | 69 | 58 | 11 | 0 | 0 |
| 20:00 | 55 | 48 | 6 | 1 | 0 |
| 21:00 | 43 | 39 | 4 | 0 | 0 |
| 22:00 | 25 | 24 | 1 | 0 | 0 |
| 23:00 | 9 | 9 | 0 | 0 | 0 |
| Total 12H(7-19) | 2025 | 1648 | 363 | 5 | 9 |
| 16H(6-22) | 2308 | 1894 | 398 | 6 | 10 |
| 18H(6-24) | 2342 | 1927 | 399 | 6 | 10 |
| 24H(0-24) | 2415 | 1991 | 408 | 6 | 10 |
| AM Peak | 07:00 | 07:00 | 09:00 | 07:00 | 11:00 |
| | 215 | 180 | 38 | 1 | 2 |
| PM Peak | 17:00 | 17:00 | 15:00 | 15:00 | 15:00 |
| | 246 | 227 | 35 | 2 | 4 |

Paul Castle Associates

# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

**08/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 3 | 2 | 1 | 0 | 0 |
| 01:00 | 1 | 1 | 0 | 0 | 0 |
| 02:00 | 2 | 2 | 0 | 0 | 0 |
| 03:00 | 1 | 1 | 0 | 0 | 0 |
| 04:00 | 4 | 4 | 0 | 0 | 0 |
| 05:00 | 16 | 15 | 1 | 0 | 0 |
| 06:00 | 58 | 50 | 8 | 0 | 0 |
| 07:00 | 117 | 110 | 7 | 0 | 0 |
| 08:00 | 99 | 87 | 12 | 0 | 0 |
| 09:00 | 88 | 70 | 18 | 0 | 0 |
| 10:00 | 101 | 80 | 20 | 0 | 1 |
| 11:00 | 65 | 50 | 14 | 1 | 0 |
| 12:00 | 93 | 68 | 24 | 1 | 0 |
| 13:00 | 96 | 71 | 23 | 1 | 1 |
| 14:00 | 100 | 80 | 19 | 0 | 1 |
| 15:00 | 115 | 88 | 24 | 3 | 0 |
| 16:00 | 164 | 139 | 23 | 0 | 2 |
| 17:00 | 171 | 161 | 9 | 0 | 1 |
| 18:00 | 71 | 59 | 12 | 0 | 0 |
| 19:00 | 48 | 43 | 5 | 0 | 0 |
| 20:00 | 32 | 28 | 4 | 0 | 0 |
| 21:00 | 20 | 18 | 2 | 0 | 0 |
| 22:00 | 15 | 14 | 0 | 1 | 0 |
| 23:00 | 4 | 4 | 0 | 0 | 0 |
| Total 12H(7-19) | 1280 | 1063 | 205 | 6 | 6 |
| 16H(6-22) | 1438 | 1202 | 224 | 6 | 6 |
| 18H(6-24) | 1457 | 1220 | 224 | 7 | 6 |
| 24H(0-24) | 1484 | 1245 | 226 | 7 | 6 |
| AM Peak | 07:00 | 07:00 | 10:00 | 11:00 | 10:00 |
| | 117 | 110 | 20 | 1 | 1 |
| PM Peak | 17:00 | 17:00 | 12:00 | 15:00 | 16:00 |
| | 171 | 161 | 24 | 3 | 2 |

Paul Castle Associates

**Direction: Eastbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 3 | 3 | 0 | 0 | 0 |
| 01:00 | 1 | 1 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 3 | 2 | 1 | 0 | 0 |
| 04:00 | 3 | 3 | 0 | 0 | 0 |
| 05:00 | 32 | 28 | 4 | 0 | 0 |
| 06:00 | 59 | 47 | 12 | 0 | 0 |
| 07:00 | 101 | 78 | 23 | 0 | 0 |
| 08:00 | 100 | 66 | 31 | 0 | 3 |
| 09:00 | 61 | 42 | 18 | 0 | 1 |
| 10:00 | 54 | 34 | 18 | 0 | 2 |
| 11:00 | 66 | 36 | 27 | 1 | 2 |
| 12:00 | 60 | 43 | 17 | 0 | 0 |
| 13:00 | 62 | 49 | 12 | 0 | 1 |
| 14:00 | 79 | 52 | 25 | 0 | 2 |
| 15:00 | 79 | 55 | 23 | 1 | 0 |
| 16:00 | 92 | 66 | 23 | 0 | 3 |
| 17:00 | 79 | 68 | 11 | 0 | 0 |
| 18:00 | 66 | 58 | 8 | 0 | 0 |
| 19:00 | 35 | 25 | 10 | 0 | 0 |
| 20:00 | 19 | 16 | 3 | 0 | 0 |
| 21:00 | 18 | 16 | 2 | 0 | 0 |
| 22:00 | 20 | 18 | 2 | 0 | 0 |
| 23:00 | 3 | 2 | 1 | 0 | 0 |
| Total 12H(7-19) | 899 | 647 | 236 | 2 | 14 |
| 16H(6-22) | 1030 | 751 | 263 | 2 | 14 |
| 18H(6-24) | 1053 | 771 | 266 | 2 | 14 |
| 24H(0-24) | 1095 | 808 | 271 | 2 | 14 |
| AM Peak | 07:00 | 07:00 | 08:00 | 11:00 | 08:00 |
| | 101 | 78 | 31 | 1 | 3 |
| PM Peak | 16:00 | 17:00 | 14:00 | 15:00 | 16:00 |
| | 92 | 68 | 25 | 1 | 3 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 6 | 5 | 1 | 0 | 0 |
| 01:00 | 2 | 2 | 0 | 0 | 0 |
| 02:00 | 2 | 2 | 0 | 0 | 0 |
| 03:00 | 4 | 3 | 1 | 0 | 0 |
| 04:00 | 7 | 7 | 0 | 0 | 0 |
| 05:00 | 48 | 43 | 5 | 0 | 0 |
| 06:00 | 117 | 97 | 20 | 0 | 0 |
| 07:00 | 218 | 188 | 30 | 0 | 0 |
| 08:00 | 199 | 153 | 43 | 0 | 3 |
| 09:00 | 149 | 112 | 36 | 0 | 1 |
| 10:00 | 155 | 114 | 38 | 0 | 3 |
| 11:00 | 131 | 86 | 41 | 2 | 2 |
| 12:00 | 153 | 111 | 41 | 1 | 0 |
| 13:00 | 158 | 120 | 35 | 1 | 2 |
| 14:00 | 179 | 132 | 44 | 0 | 3 |
| 15:00 | 194 | 143 | 47 | 4 | 0 |
| 16:00 | 256 | 205 | 46 | 0 | 5 |
| 17:00 | 250 | 229 | 20 | 0 | 1 |
| 18:00 | 137 | 117 | 20 | 0 | 0 |
| 19:00 | 83 | 68 | 15 | 0 | 0 |
| 20:00 | 51 | 44 | 7 | 0 | 0 |
| 21:00 | 38 | 34 | 4 | 0 | 0 |
| 22:00 | 35 | 32 | 2 | 1 | 0 |
| 23:00 | 7 | 6 | 1 | 0 | 0 |
| Total 12H(7-19) | 2179 | 1710 | 441 | 8 | 20 |
| 16H(6-22) | 2468 | 1953 | 487 | 8 | 20 |
| 18H(6-24) | 2510 | 1991 | 490 | 9 | 20 |
| 24H(0-24) | 2579 | 2053 | 497 | 9 | 20 |
| AM Peak | 07:00 | 07:00 | 08:00 | 11:00 | 08:00 |
| | 218 | 188 | 43 | 2 | 3 |
| PM Peak | 16:00 | 17:00 | 15:00 | 15:00 | 16:00 |
| | 256 | 229 | 47 | 4 | 5 |

Paul Castle Associates

# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

09/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 1 | 1 | 0 | 0 | 0 |
| 01:00 | 0 | 0 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 1 | 1 | 0 | 0 | 0 |
| 04:00 | 10 | 9 | 1 | 0 | 0 |
| 05:00 | 14 | 12 | 2 | 0 | 0 |
| 06:00 | 55 | 49 | 6 | 0 | 0 |
| 07:00 | 113 | 107 | 6 | 0 | 0 |
| 08:00 | 108 | 92 | 16 | 0 | 0 |
| 09:00 | 87 | 66 | 20 | 0 | 1 |
| 10:00 | 90 | 65 | 25 | 0 | 0 |
| 11:00 | 99 | 78 | 18 | 2 | 1 |
| 12:00 | 82 | 63 | 17 | 0 | 2 |
| 13:00 | 110 | 90 | 19 | 0 | 1 |
| 14:00 | 103 | 82 | 21 | 0 | 0 |
| 15:00 | 111 | 95 | 15 | 0 | 1 |
| 16:00 | 164 | 140 | 24 | 0 | 0 |
| 17:00 | 106 | 96 | 10 | 0 | 0 |
| 18:00 | 82 | 75 | 7 | 0 | 0 |
| 19:00 | 40 | 38 | 1 | 1 | 0 |
| 20:00 | 24 | 24 | 0 | 0 | 0 |
| 21:00 | 15 | 13 | 2 | 0 | 0 |
| 22:00 | 8 | 8 | 0 | 0 | 0 |
| 23:00 | 6 | 6 | 0 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 1255 | 1049 | 198 | 2 | 6 |
| 16H(6-22) | 1389 | 1173 | 207 | 3 | 6 |
| 18H(6-24) | 1403 | 1187 | 207 | 3 | 6 |
| 24H(0-24) | 1429 | 1210 | 210 | 3 | 6 |
| AM Peak | 07:00 | 07:00 | 10:00 | 11:00 | 09:00 |
| | 113 | 107 | 25 | 2 | 1 |
| PM Peak | 16:00 | 16:00 | 16:00 | 19:00 | 12:00 |
| | 164 | 140 | 24 | 1 | 2 |

Paul Castle Associates

**Direction: Eastbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 1 | 1 | 0 | 0 | 0 |
| 01:00 | 2 | 2 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 4 | 3 | 1 | 0 | 0 |
| 04:00 | 7 | 4 | 3 | 0 | 0 |
| 05:00 | 34 | 34 | 0 | 0 | 0 |
| 06:00 | 44 | 36 | 8 | 0 | 0 |
| 07:00 | 84 | 64 | 20 | 0 | 0 |
| 08:00 | 87 | 58 | 28 | 1 | 0 |
| 09:00 | 62 | 43 | 18 | 0 | 1 |
| 10:00 | 75 | 52 | 22 | 0 | 1 |
| 11:00 | 54 | 34 | 19 | 0 | 1 |
| 12:00 | 58 | 42 | 15 | 0 | 1 |
| 13:00 | 67 | 52 | 13 | 0 | 2 |
| 14:00 | 64 | 49 | 15 | 0 | 0 |
| 15:00 | 71 | 56 | 14 | 0 | 1 |
| 16:00 | 102 | 84 | 18 | 0 | 0 |
| 17:00 | 81 | 66 | 14 | 0 | 1 |
| 18:00 | 50 | 44 | 6 | 0 | 0 |
| 19:00 | 31 | 21 | 10 | 0 | 0 |
| 20:00 | 21 | 17 | 4 | 0 | 0 |
| 21:00 | 15 | 13 | 2 | 0 | 0 |
| 22:00 | 7 | 6 | 1 | 0 | 0 |
| 23:00 | 7 | 6 | 1 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 855 | 644 | 202 | 1 | 8 |
| 16H(6-22) | 966 | 731 | 226 | 1 | 8 |
| 18H(6-24) | 980 | 743 | 228 | 1 | 8 |
| 24H(0-24) | 1028 | 787 | 232 | 1 | 8 |
| AM Peak | 08:00 | 07:00 | 08:00 | 08:00 | 09:00 |
| | 87 | 64 | 28 | 1 | 1 |
| PM Peak | 16:00 | 16:00 | 16:00 | 12:00 | 13:00 |
| | 102 | 84 | 18 | 0 | 2 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 2 | 2 | 0 | 0 | 0 |
| 01:00 | 2 | 2 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 5 | 4 | 1 | 0 | 0 |
| 04:00 | 17 | 13 | 4 | 0 | 0 |
| 05:00 | 48 | 46 | 2 | 0 | 0 |
| 06:00 | 99 | 85 | 14 | 0 | 0 |
| 07:00 | 197 | 171 | 26 | 0 | 0 |
| 08:00 | 195 | 150 | 44 | 1 | 0 |
| 09:00 | 149 | 109 | 38 | 0 | 2 |
| 10:00 | 165 | 117 | 47 | 0 | 1 |
| 11:00 | 153 | 112 | 37 | 2 | 2 |
| 12:00 | 140 | 105 | 32 | 0 | 3 |
| 13:00 | 177 | 142 | 32 | 0 | 3 |
| 14:00 | 167 | 131 | 36 | 0 | 0 |
| 15:00 | 182 | 151 | 29 | 0 | 2 |
| 16:00 | 266 | 224 | 42 | 0 | 0 |
| 17:00 | 187 | 162 | 24 | 0 | 1 |
| 18:00 | 132 | 119 | 13 | 0 | 0 |
| 19:00 | 71 | 59 | 11 | 1 | 0 |
| 20:00 | 45 | 41 | 4 | 0 | 0 |
| 21:00 | 30 | 26 | 4 | 0 | 0 |
| 22:00 | 15 | 14 | 1 | 0 | 0 |
| 23:00 | 13 | 12 | 1 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 2110 | 1693 | 400 | 3 | 14 |
| 16H(6-22) | 2355 | 1904 | 433 | 4 | 14 |
| 18H(6-24) | 2383 | 1930 | 435 | 4 | 14 |
| 24H(0-24) | 2457 | 1997 | 442 | 4 | 14 |
| AM Peak | 07:00 | 07:00 | 10:00 | 11:00 | 09:00 |
| | 197 | 171 | 47 | 2 | 2 |
| PM Peak | 16:00 | 16:00 | 16:00 | 19:00 | 12:00 |
| | 266 | 224 | 42 | 1 | 3 |

Paul Castle Associates

# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

10/06/2023

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 10 | 10 | 0 | 0 | 0 |
| 01:00 | 3 | 2 | 1 | 0 | 0 |
| 02:00 | 6 | 6 | 0 | 0 | 0 |
| 03:00 | 1 | 1 | 0 | 0 | 0 |
| 04:00 | 3 | 3 | 0 | 0 | 0 |
| 05:00 | 8 | 7 | 1 | 0 | 0 |
| 06:00 | 19 | 18 | 1 | 0 | 0 |
| 07:00 | 32 | 29 | 3 | 0 | 0 |
| 08:00 | 57 | 49 | 7 | 1 | 0 |
| 09:00 | 84 | 78 | 6 | 0 | 0 |
| 10:00 | 62 | 58 | 4 | 0 | 0 |
| 11:00 | 80 | 73 | 7 | 0 | 0 |
| 12:00 | 107 | 101 | 6 | 0 | 0 |
| 13:00 | 134 | 128 | 6 | 0 | 0 |
| 14:00 | 143 | 137 | 5 | 0 | 1 |
| 15:00 | 129 | 127 | 2 | 0 | 0 |
| 16:00 | 74 | 73 | 1 | 0 | 0 |
| 17:00 | 76 | 68 | 8 | 0 | 0 |
| 18:00 | 50 | 49 | 1 | 0 | 0 |
| 19:00 | 36 | 32 | 4 | 0 | 0 |
| 20:00 | 12 | 12 | 0 | 0 | 0 |
| 21:00 | 14 | 14 | 0 | 0 | 0 |
| 22:00 | 13 | 13 | 0 | 0 | 0 |
| 23:00 | 6 | 5 | 1 | 0 | 0 |
| Total 12H(7-19) | 1028 | 970 | 56 | 1 | 1 |
| 16H(6-22) | 1109 | 1046 | 61 | 1 | 1 |
| 18H(6-24) | 1128 | 1064 | 62 | 1 | 1 |
| 24H(0-24) | 1159 | 1093 | 64 | 1 | 1 |
| AM Peak | 09:00 | 09:00 | 08:00 | 08:00 | 00:00 |
| | 84 | 78 | 7 | 1 | 0 |
| PM Peak | 14:00 | 14:00 | 17:00 | 12:00 | 14:00 |
| | 143 | 137 | 8 | 0 | 1 |

Paul Castle Associates

**Direction: Eastbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 5 | 5 | 0 | 0 | 0 |
| 01:00 | 3 | 2 | 1 | 0 | 0 |
| 02:00 | 2 | 2 | 0 | 0 | 0 |
| 03:00 | 2 | 2 | 0 | 0 | 0 |
| 04:00 | 2 | 2 | 0 | 0 | 0 |
| 05:00 | 22 | 20 | 2 | 0 | 0 |
| 06:00 | 13 | 12 | 1 | 0 | 0 |
| 07:00 | 45 | 27 | 18 | 0 | 0 |
| 08:00 | 59 | 44 | 14 | 0 | 1 |
| 09:00 | 50 | 39 | 11 | 0 | 0 |
| 10:00 | 48 | 38 | 10 | 0 | 0 |
| 11:00 | 49 | 43 | 6 | 0 | 0 |
| 12:00 | 74 | 61 | 13 | 0 | 0 |
| 13:00 | 53 | 47 | 6 | 0 | 0 |
| 14:00 | 46 | 43 | 3 | 0 | 0 |
| 15:00 | 46 | 42 | 4 | 0 | 0 |
| 16:00 | 34 | 24 | 9 | 0 | 1 |
| 17:00 | 43 | 39 | 4 | 0 | 0 |
| 18:00 | 29 | 20 | 9 | 0 | 0 |
| 19:00 | 20 | 19 | 1 | 0 | 0 |
| 20:00 | 13 | 10 | 3 | 0 | 0 |
| 21:00 | 10 | 7 | 3 | 0 | 0 |
| 22:00 | 9 | 9 | 0 | 0 | 0 |
| 23:00 | 8 | 7 | 1 | 0 | 0 |
| Total 12H(7-19) | 576 | 467 | 107 | 0 | 2 |
| 16H(6-22) | 632 | 515 | 115 | 0 | 2 |
| 18H(6-24) | 649 | 531 | 116 | 0 | 2 |
| 24H(0-24) | 685 | 564 | 119 | 0 | 2 |
| AM Peak | 08:00 | 08:00 | 07:00 | 00:00 | 08:00 |
| | 59 | 44 | 18 | 0 | 1 |
| PM Peak | 12:00 | 12:00 | 12:00 | 12:00 | 16:00 |
| | 74 | 61 | 13 | 0 | 1 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 15 | 15 | 0 | 0 | 0 |
| 01:00 | 6 | 4 | 2 | 0 | 0 |
| 02:00 | 8 | 8 | 0 | 0 | 0 |
| 03:00 | 3 | 3 | 0 | 0 | 0 |
| 04:00 | 5 | 5 | 0 | 0 | 0 |
| 05:00 | 30 | 27 | 3 | 0 | 0 |
| 06:00 | 32 | 30 | 2 | 0 | 0 |
| 07:00 | 77 | 56 | 21 | 0 | 0 |
| 08:00 | 116 | 93 | 21 | 1 | 1 |
| 09:00 | 134 | 117 | 17 | 0 | 0 |
| 10:00 | 110 | 96 | 14 | 0 | 0 |
| 11:00 | 129 | 116 | 13 | 0 | 0 |
| 12:00 | 181 | 162 | 19 | 0 | 0 |
| 13:00 | 187 | 175 | 12 | 0 | 0 |
| 14:00 | 189 | 180 | 8 | 0 | 1 |
| 15:00 | 175 | 169 | 6 | 0 | 0 |
| 16:00 | 108 | 97 | 10 | 0 | 1 |
| 17:00 | 119 | 107 | 12 | 0 | 0 |
| 18:00 | 79 | 69 | 10 | 0 | 0 |
| 19:00 | 56 | 51 | 5 | 0 | 0 |
| 20:00 | 25 | 22 | 3 | 0 | 0 |
| 21:00 | 24 | 21 | 3 | 0 | 0 |
| 22:00 | 22 | 22 | 0 | 0 | 0 |
| 23:00 | 14 | 12 | 2 | 0 | 0 |
| Total 12H(7-19) | 1604 | 1437 | 163 | 1 | 3 |
| 16H(6-22) | 1741 | 1561 | 176 | 1 | 3 |
| 18H(6-24) | 1777 | 1595 | 178 | 1 | 3 |
| 24H(0-24) | 1844 | 1657 | 183 | 1 | 3 |
| AM Peak | 09:00 | 09:00 | 07:00 | 08:00 | 08:00 |
| | 134 | 117 | 21 | 1 | 1 |
| PM Peak | 14:00 | 14:00 | 12:00 | 12:00 | 14:00 |
| | 189 | 180 | 19 | 0 | 1 |

Paul Castle Associates

# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

**11/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 2 | 2 | 0 | 0 | 0 |
| 01:00 | 2 | 2 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 1 | 1 | 0 | 0 | 0 |
| 04:00 | 2 | 1 | 1 | 0 | 0 |
| 05:00 | 6 | 5 | 1 | 0 | 0 |
| 06:00 | 7 | 7 | 0 | 0 | 0 |
| 07:00 | 9 | 8 | 1 | 0 | 0 |
| 08:00 | 28 | 27 | 1 | 0 | 0 |
| 09:00 | 48 | 46 | 2 | 0 | 0 |
| 10:00 | 54 | 52 | 2 | 0 | 0 |
| 11:00 | 78 | 74 | 3 | 0 | 1 |
| 12:00 | 80 | 74 | 6 | 0 | 0 |
| 13:00 | 69 | 67 | 2 | 0 | 0 |
| 14:00 | 86 | 76 | 10 | 0 | 0 |
| 15:00 | 77 | 68 | 7 | 1 | 1 |
| 16:00 | 64 | 58 | 6 | 0 | 0 |
| 17:00 | 84 | 76 | 8 | 0 | 0 |
| 18:00 | 60 | 50 | 9 | 0 | 1 |
| 19:00 | 26 | 26 | 0 | 0 | 0 |
| 20:00 | 18 | 17 | 1 | 0 | 0 |
| 21:00 | 13 | 12 | 1 | 0 | 0 |
| 22:00 | 9 | 9 | 0 | 0 | 0 |
| 23:00 | 0 | 0 | 0 | 0 | 0 |
| Total 12H(7-19) | 737 | 676 | 57 | 1 | 3 |
| 16H(6-22) | 801 | 738 | 59 | 1 | 3 |
| 18H(6-24) | 810 | 747 | 59 | 1 | 3 |
| 24H(0-24) | 823 | 758 | 61 | 1 | 3 |
| AM Peak | 11:00 | 11:00 | 11:00 | 00:00 | 11:00 |
| | 78 | 74 | 3 | 0 | 1 |
| PM Peak | 14:00 | 14:00 | 14:00 | 15:00 | 15:00 |
| | 86 | 76 | 10 | 1 | 1 |

Paul Castle Associates

**Direction: Eastbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 3 | 2 | 1 | 0 | 0 |
| 01:00 | 3 | 3 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 1 | 0 | 1 | 0 | 0 |
| 04:00 | 0 | 0 | 0 | 0 | 0 |
| 05:00 | 13 | 13 | 0 | 0 | 0 |
| 06:00 | 7 | 6 | 1 | 0 | 0 |
| 07:00 | 24 | 19 | 5 | 0 | 0 |
| 08:00 | 47 | 38 | 9 | 0 | 0 |
| 09:00 | 54 | 38 | 15 | 0 | 1 |
| 10:00 | 46 | 38 | 8 | 0 | 0 |
| 11:00 | 37 | 29 | 7 | 0 | 1 |
| 12:00 | 37 | 33 | 4 | 0 | 0 |
| 13:00 | 52 | 40 | 12 | 0 | 0 |
| 14:00 | 31 | 25 | 6 | 0 | 0 |
| 15:00 | 46 | 43 | 3 | 0 | 0 |
| 16:00 | 31 | 26 | 5 | 0 | 0 |
| 17:00 | 37 | 29 | 8 | 0 | 0 |
| 18:00 | 31 | 30 | 1 | 0 | 0 |
| 19:00 | 23 | 21 | 2 | 0 | 0 |
| 20:00 | 22 | 18 | 4 | 0 | 0 |
| 21:00 | 8 | 6 | 2 | 0 | 0 |
| 22:00 | 10 | 10 | 0 | 0 | 0 |
| 23:00 | 3 | 3 | 0 | 0 | 0 |
| Total 12H(7-19) | 473 | 388 | 83 | 0 | 2 |
| 16H(6-22) | 533 | 439 | 92 | 0 | 2 |
| 18H(6-24) | 546 | 452 | 92 | 0 | 2 |
| 24H(0-24) | 566 | 470 | 94 | 0 | 2 |
| AM Peak | 09:00 | 08:00 | 09:00 | 00:00 | 09:00 |
| | 54 | 38 | 15 | 0 | 1 |
| PM Peak | 13:00 | 15:00 | 13:00 | 12:00 | 12:00 |
| | 52 | 43 | 12 | 0 | 0 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 5 | 4 | 1 | 0 | 0 |
| 01:00 | 5 | 5 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 | 0 | 0 |
| 03:00 | 2 | 1 | 1 | 0 | 0 |
| 04:00 | 2 | 1 | 1 | 0 | 0 |
| 05:00 | 19 | 18 | 1 | 0 | 0 |
| 06:00 | 14 | 13 | 1 | 0 | 0 |
| 07:00 | 33 | 27 | 6 | 0 | 0 |
| 08:00 | 75 | 65 | 10 | 0 | 0 |
| 09:00 | 102 | 84 | 17 | 0 | 1 |
| 10:00 | 100 | 90 | 10 | 0 | 0 |
| 11:00 | 115 | 103 | 10 | 0 | 2 |
| 12:00 | 117 | 107 | 10 | 0 | 0 |
| 13:00 | 121 | 107 | 14 | 0 | 0 |
| 14:00 | 117 | 101 | 16 | 0 | 0 |
| 15:00 | 123 | 111 | 10 | 1 | 1 |
| 16:00 | 95 | 84 | 11 | 0 | 0 |
| 17:00 | 121 | 105 | 16 | 0 | 0 |
| 18:00 | 91 | 80 | 10 | 0 | 1 |
| 19:00 | 49 | 47 | 2 | 0 | 0 |
| 20:00 | 40 | 35 | 5 | 0 | 0 |
| 21:00 | 21 | 18 | 3 | 0 | 0 |
| 22:00 | 19 | 19 | 0 | 0 | 0 |
| 23:00 | 3 | 3 | 0 | 0 | 0 |
| Total 12H(7-19) | 1210 | 1064 | 140 | 1 | 5 |
| 16H(6-22) | 1334 | 1177 | 151 | 1 | 5 |
| 18H(6-24) | 1356 | 1199 | 151 | 1 | 5 |
| 24H(0-24) | 1389 | 1228 | 155 | 1 | 5 |
| AM Peak | 11:00 | 11:00 | 09:00 | 00:00 | 11:00 |
| | 115 | 103 | 17 | 0 | 2 |
| PM Peak | 15:00 | 15:00 | 14:00 | 15:00 | 15:00 |
| | 123 | 111 | 16 | 1 | 1 |

Paul Castle Associates

# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

**12/06/2023**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 0 | 0 | 0 | 0 | 0 |
| 01:00 | 2 | 2 | 0 | 0 | 0 |
| 02:00 | 1 | 1 | 0 | 0 | 0 |
| 03:00 | 2 | 2 | 0 | 0 | 0 |
| 04:00 | 5 | 5 | 0 | 0 | 0 |
| 05:00 | 13 | 12 | 1 | 0 | 0 |
| 06:00 | 60 | 54 | 6 | 0 | 0 |
| 07:00 | 130 | 113 | 17 | 0 | 0 |
| 08:00 | 100 | 87 | 13 | 0 | 0 |
| 09:00 | 112 | 90 | 20 | 0 | 2 |
| 10:00 | 74 | 50 | 23 | 1 | 0 |
| 11:00 | 93 | 65 | 25 | 2 | 1 |
| 12:00 | 81 | 62 | 19 | 0 | 0 |
| 13:00 | 76 | 59 | 15 | 2 | 0 |
| 14:00 | 109 | 84 | 24 | 1 | 0 |
| 15:00 | 123 | 100 | 22 | 0 | 1 |
| 16:00 | 143 | 127 | 14 | 2 | 0 |
| 17:00 | 142 | 125 | 17 | 0 | 0 |
| 18:00 | 73 | 70 | 3 | 0 | 0 |
| 19:00 | 40 | 37 | 3 | 0 | 0 |
| 20:00 | 23 | 19 | 4 | 0 | 0 |
| 21:00 | 17 | 16 | 1 | 0 | 0 |
| 22:00 | 15 | 15 | 0 | 0 | 0 |
| 23:00 | 2 | 0 | 2 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 1256 | 1032 | 212 | 8 | 4 |
| 16H(6-22) | 1396 | 1158 | 226 | 8 | 4 |
| 18H(6-24) | 1413 | 1173 | 228 | 8 | 4 |
| 24H(0-24) | 1436 | 1195 | 229 | 8 | 4 |
| AM Peak | 07:00 | 07:00 | 11:00 | 11:00 | 09:00 |
| | 130 | 113 | 25 | 2 | 2 |
| PM Peak | 16:00 | 16:00 | 14:00 | 13:00 | 15:00 |
| | 143 | 127 | 24 | 2 | 1 |

Paul Castle Associates

**Direction: Eastbound**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 1 | 1 | 0 | 0 | 0 |
| 01:00 | 2 | 2 | 0 | 0 | 0 |
| 02:00 | 1 | 1 | 0 | 0 | 0 |
| 03:00 | 5 | 1 | 4 | 0 | 0 |
| 04:00 | 8 | 7 | 1 | 0 | 0 |
| 05:00 | 40 | 34 | 6 | 0 | 0 |
| 06:00 | 54 | 48 | 5 | 0 | 1 |
| 07:00 | 88 | 61 | 25 | 1 | 1 |
| 08:00 | 91 | 67 | 24 | 0 | 0 |
| 09:00 | 62 | 39 | 21 | 2 | 0 |
| 10:00 | 60 | 39 | 19 | 1 | 1 |
| 11:00 | 45 | 25 | 18 | 0 | 2 |
| 12:00 | 53 | 36 | 15 | 0 | 2 |
| 13:00 | 59 | 42 | 13 | 3 | 1 |
| 14:00 | 58 | 37 | 20 | 1 | 0 |
| 15:00 | 64 | 52 | 12 | 0 | 0 |
| 16:00 | 85 | 68 | 16 | 0 | 1 |
| 17:00 | 86 | 75 | 11 | 0 | 0 |
| 18:00 | 46 | 36 | 9 | 0 | 1 |
| 19:00 | 29 | 25 | 4 | 0 | 0 |
| 20:00 | 22 | 17 | 4 | 0 | 1 |
| 21:00 | 17 | 17 | 0 | 0 | 0 |
| 22:00 | 12 | 10 | 2 | 0 | 0 |
| 23:00 | 2 | 1 | 1 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 797 | 577 | 203 | 8 | 9 |
| 16H(6-22) | 919 | 684 | 216 | 8 | 11 |
| 18H(6-24) | 933 | 695 | 219 | 8 | 11 |
| 24H(0-24) | 990 | 741 | 230 | 8 | 11 |
| AM Peak | 08:00 | 08:00 | 07:00 | 09:00 | 11:00 |
| | 91 | 67 | 25 | 2 | 2 |
| PM Peak | 17:00 | 17:00 | 14:00 | 13:00 | 12:00 |
| | 86 | 75 | 20 | 3 | 2 |

Paul Castle Associates

**Direction: Total Flow**

| Hour Beginning | Total Volume | LIGHT | OGV1 | OGV2 | BUS |
|---|---|---|---|---|---|
| 00:00 | 1 | 1 | 0 | 0 | 0 |
| 01:00 | 4 | 4 | 0 | 0 | 0 |
| 02:00 | 2 | 2 | 0 | 0 | 0 |
| 03:00 | 7 | 3 | 4 | 0 | 0 |
| 04:00 | 13 | 12 | 1 | 0 | 0 |
| 05:00 | 53 | 46 | 7 | 0 | 0 |
| 06:00 | 114 | 102 | 11 | 0 | 1 |
| 07:00 | 218 | 174 | 42 | 1 | 1 |
| 08:00 | 191 | 154 | 37 | 0 | 0 |
| 09:00 | 174 | 129 | 41 | 2 | 2 |
| 10:00 | 134 | 89 | 42 | 2 | 1 |
| 11:00 | 138 | 90 | 43 | 2 | 3 |
| 12:00 | 134 | 98 | 34 | 0 | 2 |
| 13:00 | 135 | 101 | 28 | 5 | 1 |
| 14:00 | 167 | 121 | 44 | 2 | 0 |
| 15:00 | 187 | 152 | 34 | 0 | 1 |
| 16:00 | 228 | 195 | 30 | 2 | 1 |
| 17:00 | 228 | 200 | 28 | 0 | 0 |
| 18:00 | 119 | 106 | 12 | 0 | 1 |
| 19:00 | 69 | 62 | 7 | 0 | 0 |
| 20:00 | 45 | 36 | 8 | 0 | 1 |
| 21:00 | 34 | 33 | 1 | 0 | 0 |
| 22:00 | 27 | 25 | 2 | 0 | 0 |
| 23:00 | 4 | 1 | 3 | 0 | 0 |
| Total | | | | | |
| 12H(7-19) | 2053 | 1609 | 415 | 16 | 13 |
| 16H(6-22) | 2315 | 1842 | 442 | 16 | 15 |
| 18H(6-24) | 2346 | 1868 | 447 | 16 | 15 |
| 24H(0-24) | 2426 | 1936 | 459 | 16 | 15 |
| AM Peak | 07:00 | 07:00 | 11:00 | 09:00 | 11:00 |
| | 218 | 174 | 43 | 2 | 3 |
| PM Peak | 16:00 | 17:00 | 14:00 | 13:00 | 12:00 |
| | 228 | 200 | 44 | 5 | 2 |

Paul Castle Associates

# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

**06/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 2 | 53.7 | 50.0 | 3.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| **03:00** | 1 | - | 65.0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| **04:00** | 6 | 59.6 | 48.8 | 10.5 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 2 | 0 | 1 | 0 | 0 |
| **05:00** | 17 | 60.4 | 52.4 | 7.8 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 8 | 1 | 3 | 0 | 0 |
| **06:00** | 65 | 62.3 | 52.6 | 9.4 | 0 | 1 | 0 | 0 | 3 | 4 | 17 | 18 | 11 | 9 | 2 | 0 |
| **07:00** | 130 | 57.9 | 50.5 | 7.1 | 0 | 0 | 0 | 1 | 3 | 27 | 30 | 42 | 16 | 10 | 1 | 0 |
| **08:00** | 116 | 60.4 | 50.6 | 9.5 | 0 | 0 | 3 | 1 | 8 | 15 | 31 | 25 | 20 | 10 | 2 | 1 |
| **09:00** | 79 | 58.3 | 48.9 | 9.0 | 0 | 1 | 0 | 0 | 8 | 20 | 15 | 19 | 8 | 7 | 1 | 0 |
| **10:00** | 66 | 52.7 | 43.4 | 8.9 | 0 | 0 | 1 | 10 | 12 | 17 | 17 | 4 | 1 | 3 | 1 | 0 |
| **11:00** | 86 | 55.0 | 45.1 | 9.5 | 0 | 2 | 0 | 4 | 20 | 22 | 12 | 13 | 8 | 5 | 0 | 0 |
| **12:00** | 86 | 56.0 | 46.5 | 9.2 | 0 | 0 | 5 | 0 | 12 | 18 | 23 | 18 | 7 | 2 | 0 | 1 |
| **13:00** | 70 | 53.6 | 44.2 | 9.1 | 0 | 1 | 2 | 3 | 14 | 20 | 15 | 10 | 2 | 2 | 1 | 0 |
| **14:00** | 97 | 53.9 | 45.8 | 7.8 | 0 | 0 | 1 | 3 | 22 | 19 | 26 | 15 | 7 | 4 | 0 | 0 |
| **15:00** | 124 | 56.9 | 47.5 | 9.1 | 0 | 0 | 2 | 6 | 11 | 32 | 29 | 29 | 6 | 5 | 4 | 0 |
| **16:00** | 168 | 59.6 | 50.8 | 8.5 | 0 | 2 | 0 | 1 | 4 | 23 | 44 | 62 | 18 | 9 | 4 | 1 |
| **17:00** | 164 | 59.3 | 51.1 | 7.9 | 0 | 1 | 2 | 0 | 6 | 14 | 49 | 54 | 22 | 14 | 2 | 0 |
| **18:00** | 71 | 57.1 | 47.9 | 8.9 | 0 | 1 | 1 | 1 | 5 | 19 | 17 | 13 | 9 | 5 | 0 | 0 |
| **19:00** | 43 | 59.6 | 50.1 | 9.1 | 0 | 0 | 0 | 3 | 1 | 10 | 6 | 13 | 3 | 7 | 0 | 0 |
| **20:00** | 21 | 59.5 | 48.9 | 10.2 | 0 | 0 | 0 | 0 | 2 | 5 | 8 | 4 | 0 | 1 | 0 | 1 |
| **21:00** | 19 | 58.4 | 49.6 | 8.5 | 0 | 0 | 0 | 1 | 1 | 4 | 3 | 6 | 2 | 2 | 0 | 0 |
| **22:00** | 8 | 49.3 | 42.5 | 6.5 | 0 | 0 | 0 | 2 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 0 |
| **23:00** | 6 | 61.6 | 51.3 | 10.0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 1 | 1 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 152 | 54.0 | 44.4 | 9.3 | 0 | 2 | 1 | 14 | 32 | 39 | 29 | 17 | 9 | 8 | 1 | 0 |
| **2H(14-16)** | 221 | 55.6 | 46.7 | 8.6 | 0 | 0 | 3 | 9 | 33 | 51 | 55 | 44 | 13 | 9 | 4 | 0 |
| **12H(7-19)** | 1257 | 57.7 | 48.4 | 9.0 | 0 | 8 | 17 | 30 | 125 | 246 | 308 | 304 | 124 | 76 | 16 | 3 |
| **24H(0-24)** | 1446 | 58.0 | 48.7 | 9.0 | 0 | 9 | 17 | 36 | 136 | 275 | 350 | 358 | 142 | 101 | 18 | 4 |
| **AM Peak** | 07:00 | 06:00 | 03:00 | 04:00 | 00:00 | 11:00 | 08:00 | 10:00 | 11:00 | 07:00 | 08:00 | 07:00 | 08:00 | 07:00 | 06:00 | 08:00 |
| | **130** | **62.3** | **65.0** | **10.5** | **0** | **2** | **3** | **10** | **20** | **27** | **31** | **42** | **20** | **10** | **2** | **1** |
| **PM Peak** | 16:00 | 23:00 | 23:00 | 20:00 | 12:00 | 16:00 | 12:00 | 15:00 | 14:00 | 15:00 | 17:00 | 16:00 | 17:00 | 17:00 | 15:00 | 12:00 |
| | **168** | **61.6** | **51.3** | **10.2** | **0** | **2** | **5** | **6** | **22** | **32** | **49** | **62** | **22** | **14** | **4** | **1** |



**Direction: Eastbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 3 | 67.0 | 62.5 | 4.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 1 | - | 65.0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| **04:00** | 7 | 68.7 | 58.2 | 10.1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 3 | 1 | 1 | 0 |
| **05:00** | 38 | 64.7 | 56.6 | 7.7 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 12 | 8 | 9 | 2 | 0 |
| **06:00** | 55 | 68.0 | 57.3 | 10.3 | 0 | 0 | 0 | 1 | 0 | 3 | 4 | 17 | 16 | 10 | 0 | 4 |
| **07:00** | 94 | 64.0 | 55.3 | 8.4 | 0 | 0 | 0 | 0 | 1 | 8 | 16 | 28 | 15 | 22 | 4 | 0 |
| **08:00** | 106 | 63.5 | 53.3 | 9.8 | 0 | 0 | 0 | 5 | 0 | 15 | 19 | 28 | 14 | 21 | 3 | 1 |
| **09:00** | 40 | 63.6 | 50.8 | 12.4 | 0 | 2 | 0 | 1 | 2 | 3 | 8 | 10 | 9 | 4 | 0 | 1 |
| **10:00** | 50 | 59.8 | 48.7 | 10.7 | 0 | 1 | 1 | 1 | 3 | 11 | 11 | 11 | 7 | 3 | 0 | 1 |
| **11:00** | 47 | 60.5 | 48.2 | 11.8 | 0 | 2 | 2 | 0 | 6 | 3 | 13 | 6 | 10 | 5 | 0 | 0 |
| **12:00** | 42 | 60.6 | 50.0 | 10.2 | 0 | 0 | 0 | 1 | 2 | 11 | 13 | 6 | 3 | 4 | 1 | 1 |
| **13:00** | 50 | 60.2 | 50.8 | 9.1 | 0 | 1 | 0 | 0 | 2 | 8 | 11 | 15 | 6 | 7 | 0 | 0 |
| **14:00** | 66 | 62.0 | 50.8 | 10.8 | 0 | 2 | 1 | 2 | 2 | 5 | 14 | 19 | 12 | 8 | 1 | 0 |
| **15:00** | 90 | 61.5 | 50.8 | 10.3 | 0 | 2 | 1 | 0 | 11 | 7 | 16 | 21 | 18 | 14 | 0 | 0 |
| **16:00** | 100 | 61.5 | 52.2 | 9.0 | 0 | 0 | 0 | 2 | 4 | 16 | 20 | 26 | 14 | 15 | 3 | 0 |
| **17:00** | 92 | 60.6 | 53.4 | 7.0 | 0 | 0 | 0 | 0 | 1 | 4 | 27 | 27 | 23 | 7 | 3 | 0 |
| **18:00** | 47 | 63.7 | 52.7 | 10.7 | 0 | 0 | 1 | 1 | 2 | 6 | 9 | 11 | 7 | 7 | 3 | 0 |
| **19:00** | 32 | 65.1 | 54.5 | 10.3 | 0 | 1 | 0 | 0 | 0 | 1 | 6 | 10 | 6 | 7 | 1 | 0 |
| **20:00** | 19 | 62.6 | 52.5 | 9.8 | 0 | 0 | 1 | 0 | 0 | 3 | 2 | 4 | 6 | 3 | 0 | 0 |
| **21:00** | 11 | 68.6 | 54.5 | 13.6 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 2 | 1 | 2 | 0 |
| **22:00** | 17 | 65.1 | 53.5 | 11.2 | 0 | 0 | 0 | 0 | 2 | 0 | 5 | 4 | 3 | 2 | 0 | 1 |
| **23:00** | 5 | 62.3 | 57.0 | 5.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 97 | 60.1 | 48.5 | 11.2 | 0 | 3 | 3 | 1 | 9 | 14 | 24 | 17 | 17 | 8 | 0 | 1 |
| **2H(14-16)** | 156 | 61.7 | 50.8 | 10.5 | 0 | 4 | 2 | 2 | 13 | 12 | 30 | 40 | 30 | 22 | 1 | 0 |
| **12H(7-19)** | 824 | 62.2 | 51.9 | 9.9 | 0 | 10 | 6 | 13 | 36 | 97 | 177 | 208 | 138 | 117 | 18 | 4 |
| **24H(0-24)** | 1012 | 63.0 | 52.6 | 10.0 | 0 | 11 | 7 | 14 | 41 | 106 | 200 | 261 | 185 | 154 | 24 | 9 |
| **AM Peak** | 08:00 | 04:00 | 03:00 | 09:00 | 00:00 | 09:00 | 11:00 | 08:00 | 11:00 | 08:00 | 08:00 | 07:00 | 06:00 | 07:00 | 07:00 | 06:00 |
| | **106** | **68.7** | **65.0** | **12.4** | **0** | **2** | **2** | **5** | **6** | **15** | **19** | **28** | **16** | **22** | **4** | **4** |
| **PM Peak** | 16:00 | 21:00 | 23:00 | 21:00 | 12:00 | 14:00 | 14:00 | 14:00 | 15:00 | 16:00 | 17:00 | 17:00 | 17:00 | 16:00 | 16:00 | 12:00 |
| | **100** | **68.6** | **57.0** | **13.6** | **0** | **2** | **1** | **2** | **11** | **16** | **27** | **27** | **23** | **15** | **3** | **1** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 3 | 67.0 | 62.5 | 4.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 |
| **01:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 2 | 53.7 | 50.0 | 3.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| **03:00** | 2 | 65.0 | 65.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| **04:00** | 13 | 65.2 | 53.8 | 11.0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 3 | 3 | 2 | 1 | 0 |
| **05:00** | 55 | 63.5 | 55.3 | 7.9 | 0 | 0 | 0 | 0 | 1 | 3 | 8 | 20 | 9 | 12 | 2 | 0 |
| **06:00** | 120 | 65.1 | 54.8 | 10.0 | 0 | 1 | 0 | 1 | 3 | 7 | 21 | 35 | 27 | 19 | 2 | 4 |
| **07:00** | 224 | 60.8 | 52.5 | 8.0 | 0 | 0 | 0 | 1 | 4 | 35 | 46 | 70 | 31 | 32 | 5 | 0 |
| **08:00** | 222 | 62.0 | 51.9 | 9.7 | 0 | 0 | 3 | 6 | 8 | 30 | 50 | 53 | 34 | 31 | 5 | 2 |
| **09:00** | 119 | 60.2 | 49.6 | 10.3 | 0 | 3 | 0 | 1 | 10 | 23 | 23 | 29 | 17 | 11 | 1 | 1 |
| **10:00** | 116 | 56.1 | 45.7 | 10.0 | 0 | 1 | 2 | 11 | 15 | 28 | 28 | 15 | 8 | 6 | 1 | 1 |
| **11:00** | 133 | 57.1 | 46.2 | 10.5 | 0 | 4 | 2 | 4 | 26 | 25 | 25 | 19 | 18 | 10 | 0 | 0 |
| **12:00** | 128 | 57.6 | 47.6 | 9.7 | 0 | 0 | 5 | 1 | 14 | 29 | 36 | 24 | 10 | 6 | 1 | 2 |
| **13:00** | 120 | 56.9 | 47.0 | 9.6 | 0 | 2 | 2 | 3 | 16 | 28 | 26 | 25 | 8 | 9 | 1 | 0 |
| **14:00** | 163 | 57.6 | 47.8 | 9.4 | 0 | 2 | 2 | 5 | 24 | 24 | 40 | 34 | 19 | 12 | 1 | 0 |
| **15:00** | 214 | 59.0 | 48.9 | 9.7 | 0 | 2 | 3 | 6 | 22 | 39 | 45 | 50 | 24 | 19 | 4 | 0 |
| **16:00** | 268 | 60.3 | 51.3 | 8.7 | 0 | 2 | 0 | 3 | 8 | 39 | 64 | 88 | 32 | 24 | 7 | 1 |
| **17:00** | 256 | 59.8 | 51.9 | 7.7 | 0 | 1 | 2 | 0 | 7 | 18 | 76 | 81 | 45 | 21 | 5 | 0 |
| **18:00** | 118 | 60.0 | 49.8 | 9.9 | 0 | 1 | 2 | 2 | 7 | 25 | 26 | 24 | 16 | 12 | 3 | 0 |
| **19:00** | 75 | 62.1 | 52.0 | 9.8 | 0 | 1 | 0 | 3 | 1 | 11 | 12 | 23 | 9 | 14 | 1 | 0 |
| **20:00** | 40 | 61.1 | 50.6 | 10.1 | 0 | 0 | 1 | 0 | 2 | 8 | 10 | 8 | 6 | 4 | 0 | 1 |
| **21:00** | 30 | 62.5 | 51.4 | 10.7 | 0 | 0 | 0 | 1 | 4 | 4 | 3 | 9 | 4 | 3 | 2 | 0 |
| **22:00** | 25 | 61.5 | 50.0 | 11.1 | 0 | 0 | 0 | 2 | 2 | 2 | 9 | 4 | 3 | 2 | 0 | 1 |
| **23:00** | 11 | 62.5 | 53.9 | 8.3 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 4 | 3 | 2 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 249 | 56.6 | 46.0 | 10.2 | 0 | 5 | 4 | 15 | 41 | 53 | 53 | 34 | 26 | 16 | 1 | 1 |
| **2H(14-16)** | 377 | 58.4 | 48.4 | 9.6 | 0 | 4 | 5 | 11 | 46 | 63 | 85 | 84 | 43 | 31 | 5 | 0 |
| **12H(7-19)** | 2081 | 59.6 | 49.8 | 9.5 | 0 | 18 | 23 | 43 | 161 | 343 | 485 | 512 | 262 | 193 | 34 | 7 |
| **24H(0-24)** | 2458 | 60.3 | 50.3 | 9.7 | 0 | 20 | 24 | 50 | 177 | 381 | 550 | 619 | 327 | 255 | 42 | 13 |
| **AM Peak** | 07:00 | 00:00 | 03:00 | 04:00 | 00:00 | 11:00 | 08:00 | 10:00 | 11:00 | 07:00 | 08:00 | 07:00 | 08:00 | 07:00 | 07:00 | 06:00 |
| | **224** | **67.0** | **65.0** | **11.0** | **0** | **4** | **3** | **11** | **26** | **35** | **50** | **70** | **34** | **32** | **5** | **4** |
| **PM Peak** | 16:00 | 21:00 | 23:00 | 22:00 | 12:00 | 13:00 | 12:00 | 15:00 | 14:00 | 15:00 | 17:00 | 16:00 | 17:00 | 16:00 | 16:00 | 12:00 |
| | **268** | **62.5** | **53.9** | **11.1** | **0** | **2** | **5** | **6** | **24** | **39** | **76** | **88** | **45** | **24** | **7** | **2** |

# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

**07/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 2 | 48.7 | 45.0 | 3.5 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 1 | - | 57.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **03:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 9 | 59.7 | 52.8 | 6.7 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 2 | 1 | 0 | 0 |
| **05:00** | 14 | 62.6 | 52.7 | 9.6 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 4 | 3 | 3 | 0 | 0 |
| **06:00** | 56 | 60.7 | 53.2 | 7.2 | 0 | 0 | 0 | 0 | 0 | 4 | 15 | 19 | 12 | 5 | 0 | 1 |
| **07:00** | 118 | 59.7 | 51.6 | 7.9 | 0 | 0 | 2 | 1 | 2 | 11 | 32 | 39 | 19 | 10 | 2 | 0 |
| **08:00** | 114 | 60.6 | 49.4 | 10.8 | 0 | 1 | 5 | 0 | 8 | 19 | 32 | 24 | 11 | 8 | 6 | 0 |
| **09:00** | 71 | 57.9 | 48.6 | 9.0 | 0 | 0 | 3 | 0 | 6 | 15 | 17 | 13 | 11 | 6 | 0 | 0 |
| **10:00** | 94 | 56.5 | 47.3 | 8.9 | 0 | 1 | 2 | 1 | 13 | 17 | 25 | 20 | 13 | 0 | 2 | 0 |
| **11:00** | 86 | 56.4 | 46.7 | 9.4 | 0 | 0 | 1 | 5 | 9 | 25 | 24 | 11 | 6 | 2 | 2 | 1 |
| **12:00** | 89 | 53.9 | 44.2 | 9.4 | 0 | 3 | 1 | 8 | 10 | 26 | 17 | 16 | 6 | 2 | 0 | 0 |
| **13:00** | 73 | 54.2 | 45.6 | 8.3 | 0 | 0 | 0 | 5 | 13 | 23 | 9 | 16 | 4 | 2 | 1 | 0 |
| **14:00** | 104 | 54.9 | 46.6 | 8.0 | 0 | 0 | 1 | 5 | 13 | 25 | 27 | 23 | 5 | 4 | 1 | 0 |
| **15:00** | 122 | 55.9 | 46.6 | 8.9 | 0 | 0 | 6 | 6 | 12 | 22 | 30 | 30 | 12 | 3 | 1 | 0 |
| **16:00** | 137 | 57.1 | 50.1 | 6.8 | 0 | 0 | 0 | 0 | 8 | 18 | 45 | 44 | 14 | 6 | 2 | 0 |
| **17:00** | 165 | 58.6 | 51.3 | 7.1 | 0 | 0 | 0 | 0 | 6 | 26 | 38 | 50 | 32 | 11 | 2 | 0 |
| **18:00** | 51 | 60.6 | 50.6 | 9.6 | 0 | 0 | 0 | 1 | 3 | 12 | 11 | 9 | 10 | 3 | 1 | 1 |
| **19:00** | 33 | 59.2 | 48.2 | 10.6 | 0 | 0 | 1 | 5 | 1 | 3 | 8 | 7 | 4 | 4 | 0 | 0 |
| **20:00** | 28 | 59.9 | 48.8 | 10.7 | 0 | 0 | 2 | 0 | 2 | 5 | 5 | 9 | 2 | 2 | 1 | 0 |
| **21:00** | 23 | 56.8 | 48.5 | 8.0 | 0 | 0 | 0 | 1 | 2 | 5 | 6 | 3 | 5 | 1 | 0 | 0 |
| **22:00** | 12 | 54.1 | 45.2 | 8.6 | 0 | 0 | 0 | 0 | 4 | 3 | 3 | 0 | 1 | 1 | 0 | 0 |
| **23:00** | 3 | 57.1 | 49.2 | 7.6 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 180 | 56.4 | 47.0 | 9.1 | 0 | 1 | 3 | 6 | 22 | 42 | 49 | 31 | 19 | 2 | 4 | 1 |
| **2H(14-16)** | 226 | 55.4 | 46.6 | 8.5 | 0 | 0 | 7 | 11 | 25 | 47 | 57 | 53 | 17 | 7 | 2 | 0 |
| **12H(7-19)** | 1224 | 57.6 | 48.5 | 8.8 | 0 | 5 | 21 | 32 | 103 | 239 | 307 | 295 | 143 | 57 | 20 | 2 |
| **24H(0-24)** | 1407 | 57.9 | 48.7 | 8.9 | 0 | 5 | 24 | 38 | 114 | 266 | 348 | 340 | 174 | 74 | 21 | 3 |
| **AM Peak** | 07:00 | 05:00 | 02:00 | 08:00 | 00:00 | 08:00 | 08:00 | 11:00 | 10:00 | 11:00 | 07:00 | 07:00 | 07:00 | 07:00 | 08:00 | 06:00 |
| | **118** | **62.6** | **57.5** | **10.8** | **0** | **1** | **5** | **5** | **13** | **25** | **32** | **39** | **19** | **10** | **6** | **1** |
| **PM Peak** | 17:00 | 18:00 | 17:00 | 20:00 | 12:00 | 12:00 | 15:00 | 12:00 | 13:00 | 12:00 | 16:00 | 17:00 | 17:00 | 17:00 | 16:00 | 18:00 |
| | **165** | **60.6** | **51.3** | **10.7** | **0** | **3** | **6** | **8** | **13** | **26** | **45** | **50** | **32** | **11** | **2** | **1** |



**Direction: Eastbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 1 | - | 47.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 2 | 49.8 | 42.5 | 7.1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 5 | 62.8 | 56.0 | 6.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 0 |
| **05:00** | 37 | 64.4 | 55.8 | 8.3 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 15 | 10 | 4 | 3 | 0 |
| **06:00** | 60 | 65.8 | 55.6 | 9.8 | 0 | 1 | 0 | 0 | 2 | 1 | 10 | 15 | 14 | 14 | 3 | 0 |
| **07:00** | 97 | 65.4 | 55.6 | 9.4 | 0 | 0 | 0 | 0 | 2 | 9 | 12 | 31 | 19 | 17 | 5 | 2 |
| **08:00** | 86 | 66.6 | 55.7 | 10.5 | 0 | 1 | 0 | 0 | 2 | 5 | 14 | 27 | 12 | 17 | 7 | 1 |
| **09:00** | 63 | 62.1 | 51.2 | 10.5 | 0 | 2 | 0 | 1 | 1 | 4 | 23 | 13 | 10 | 8 | 0 | 1 |
| **10:00** | 51 | 59.4 | 48.8 | 10.3 | 0 | 1 | 0 | 2 | 6 | 9 | 8 | 13 | 7 | 4 | 1 | 0 |
| **11:00** | 58 | 59.2 | 49.7 | 9.1 | 0 | 1 | 0 | 0 | 3 | 10 | 20 | 12 | 5 | 6 | 1 | 0 |
| **12:00** | 47 | 59.9 | 49.0 | 10.5 | 0 | 2 | 0 | 0 | 4 | 9 | 8 | 10 | 10 | 4 | 0 | 0 |
| **13:00** | 54 | 59.7 | 50.9 | 8.5 | 0 | 0 | 0 | 0 | 2 | 11 | 16 | 14 | 3 | 6 | 2 | 0 |
| **14:00** | 60 | 62.1 | 50.5 | 11.2 | 0 | 2 | 2 | 0 | 3 | 6 | 9 | 20 | 10 | 7 | 1 | 0 |
| **15:00** | 67 | 62.8 | 51.6 | 10.8 | 0 | 0 | 1 | 5 | 6 | 7 | 6 | 12 | 17 | 12 | 1 | 0 |
| **16:00** | 81 | 66.4 | 53.2 | 12.7 | 0 | 4 | 0 | 0 | 3 | 9 | 8 | 22 | 15 | 14 | 6 | 0 |
| **17:00** | 81 | 64.1 | 54.5 | 9.2 | 0 | 0 | 0 | 0 | 2 | 4 | 23 | 23 | 10 | 15 | 2 | 2 |
| **18:00** | 56 | 64.5 | 52.5 | 11.7 | 0 | 1 | 0 | 2 | 4 | 5 | 8 | 14 | 12 | 8 | 0 | 2 |
| **19:00** | 36 | 63.2 | 52.7 | 10.1 | 0 | 0 | 0 | 1 | 1 | 5 | 9 | 9 | 4 | 4 | 3 | 0 |
| **20:00** | 27 | 64.6 | 54.3 | 10.0 | 0 | 0 | 0 | 1 | 0 | 3 | 5 | 8 | 3 | 5 | 2 | 0 |
| **21:00** | 20 | 62.7 | 53.8 | 8.6 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | 3 | 2 | 6 | 0 | 0 |
| **22:00** | 13 | 64.8 | 51.2 | 13.1 | 0 | 1 | 0 | 0 | 0 | 2 | 2 | 1 | 5 | 2 | 0 | 0 |
| **23:00** | 6 | 57.7 | 51.7 | 5.8 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 109 | 59.3 | 49.3 | 9.6 | 0 | 2 | 0 | 2 | 9 | 19 | 28 | 25 | 12 | 10 | 2 | 0 |
| **2H(14-16)** | 127 | 62.5 | 51.1 | 11.0 | 0 | 2 | 3 | 5 | 9 | 13 | 15 | 32 | 27 | 19 | 2 | 0 |
| **12H(7-19)** | 801 | 63.4 | 52.4 | 10.6 | 0 | 14 | 3 | 10 | 38 | 88 | 155 | 211 | 130 | 118 | 26 | 8 |
| **24H(0-24)** | 1008 | 63.6 | 52.8 | 10.5 | 0 | 16 | 3 | 12 | 43 | 105 | 193 | 265 | 172 | 154 | 37 | 8 |
| **AM Peak** | 07:00 | 08:00 | 04:00 | 09:00 | 00:00 | 09:00 | 00:00 | 10:00 | 10:00 | 11:00 | 09:00 | 07:00 | 07:00 | 07:00 | 08:00 | 07:00 |
| | **97** | **66.6** | **56.0** | **10.5** | **0** | **2** | **0** | **2** | **6** | **10** | **23** | **31** | **19** | **17** | **7** | **2** |
| **PM Peak** | 16:00 | 16:00 | 17:00 | 22:00 | 12:00 | 16:00 | 14:00 | 15:00 | 15:00 | 13:00 | 17:00 | 17:00 | 15:00 | 17:00 | 16:00 | 17:00 |
| | **81** | **66.4** | **54.5** | **13.1** | **0** | **4** | **2** | **5** | **6** | **11** | **23** | **23** | **17** | **15** | **6** | **2** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 2 | 48.7 | 45.0 | 3.5 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 2 | 48.7 | 45.0 | 3.5 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 1 | - | 57.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **03:00** | 3 | 47.7 | 42.5 | 5.0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 14 | 60.7 | 53.9 | 6.6 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 4 | 4 | 2 | 0 | 0 |
| **05:00** | 51 | 63.9 | 55.0 | 8.7 | 0 | 0 | 0 | 0 | 3 | 4 | 2 | 19 | 13 | 7 | 3 | 0 |
| **06:00** | 116 | 63.5 | 54.4 | 8.7 | 0 | 1 | 0 | 0 | 2 | 5 | 25 | 34 | 26 | 19 | 3 | 1 |
| **07:00** | 215 | 62.5 | 53.4 | 8.8 | 0 | 0 | 2 | 1 | 4 | 20 | 44 | 70 | 38 | 27 | 7 | 2 |
| **08:00** | 200 | 63.6 | 52.1 | 11.1 | 0 | 2 | 5 | 0 | 10 | 24 | 46 | 51 | 23 | 25 | 13 | 1 |
| **09:00** | 134 | 60.0 | 49.8 | 9.8 | 0 | 2 | 3 | 1 | 7 | 19 | 40 | 26 | 21 | 14 | 0 | 1 |
| **10:00** | 145 | 57.5 | 47.8 | 9.4 | 0 | 2 | 2 | 3 | 19 | 26 | 33 | 33 | 20 | 4 | 3 | 0 |
| **11:00** | 144 | 57.6 | 47.9 | 9.4 | 0 | 1 | 1 | 5 | 12 | 35 | 44 | 23 | 11 | 8 | 3 | 1 |
| **12:00** | 136 | 56.2 | 45.8 | 10.0 | 0 | 5 | 1 | 8 | 14 | 35 | 25 | 26 | 16 | 6 | 0 | 0 |
| **13:00** | 127 | 56.9 | 47.9 | 8.7 | 0 | 0 | 0 | 5 | 15 | 34 | 25 | 30 | 7 | 8 | 3 | 0 |
| **14:00** | 164 | 57.8 | 48.0 | 9.4 | 0 | 2 | 3 | 5 | 16 | 31 | 36 | 43 | 15 | 11 | 2 | 0 |
| **15:00** | 189 | 58.7 | 48.4 | 9.9 | 0 | 0 | 7 | 11 | 18 | 29 | 36 | 42 | 29 | 15 | 2 | 0 |
| **16:00** | 218 | 61.1 | 51.2 | 9.5 | 0 | 4 | 0 | 0 | 11 | 27 | 53 | 66 | 29 | 20 | 8 | 0 |
| **17:00** | 246 | 60.6 | 52.4 | 8.0 | 0 | 0 | 0 | 0 | 8 | 30 | 61 | 73 | 42 | 26 | 4 | 2 |
| **18:00** | 107 | 62.7 | 51.6 | 10.7 | 0 | 1 | 0 | 3 | 7 | 17 | 19 | 23 | 22 | 11 | 1 | 3 |
| **19:00** | 69 | 61.5 | 50.5 | 10.5 | 0 | 0 | 1 | 6 | 2 | 8 | 17 | 16 | 8 | 8 | 3 | 0 |
| **20:00** | 55 | 62.5 | 51.5 | 10.6 | 0 | 0 | 2 | 1 | 2 | 8 | 10 | 17 | 5 | 7 | 3 | 0 |
| **21:00** | 43 | 59.9 | 50.9 | 8.6 | 0 | 0 | 0 | 1 | 2 | 8 | 12 | 6 | 7 | 7 | 0 | 0 |
| **22:00** | 25 | 60.1 | 48.3 | 11.4 | 0 | 1 | 0 | 0 | 4 | 5 | 5 | 1 | 6 | 3 | 0 | 0 |
| **23:00** | 9 | 57.2 | 50.8 | 6.1 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 3 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 289 | 57.5 | 47.9 | 9.4 | 0 | 3 | 3 | 8 | 31 | 61 | 77 | 56 | 31 | 12 | 6 | 1 |
| **2H(14-16)** | 353 | 58.3 | 48.2 | 9.7 | 0 | 2 | 10 | 16 | 34 | 60 | 72 | 85 | 44 | 26 | 4 | 0 |
| **12H(7-19)** | 2025 | 60.2 | 50.0 | 9.8 | 0 | 19 | 24 | 42 | 141 | 327 | 462 | 506 | 273 | 175 | 46 | 10 |
| **24H(0-24)** | 2415 | 60.5 | 50.4 | 9.8 | 0 | 21 | 27 | 50 | 157 | 371 | 541 | 605 | 346 | 228 | 58 | 11 |
| **AM Peak** | 07:00 | 05:00 | 02:00 | 08:00 | 00:00 | 08:00 | 08:00 | 11:00 | 10:00 | 11:00 | 08:00 | 07:00 | 07:00 | 07:00 | 08:00 | 07:00 |
| | **215** | **63.9** | **57.5** | **11.1** | **0** | **2** | **5** | **5** | **19** | **35** | **46** | **70** | **38** | **27** | **13** | **2** |
| **PM Peak** | 17:00 | 18:00 | 17:00 | 22:00 | 12:00 | 12:00 | 15:00 | 15:00 | 15:00 | 12:00 | 17:00 | 17:00 | 17:00 | 17:00 | 16:00 | 18:00 |
| | **246** | **62.7** | **52.4** | **11.4** | **0** | **5** | **7** | **11** | **18** | **35** | **61** | **73** | **42** | **26** | **8** | **3** |

# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

**08/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 3 | 51.6 | 40.8 | 10.4 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **01:00** | 1 | - | 47.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 2 | 53.7 | 50.0 | 3.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| **03:00** | 1 | - | 47.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 4 | 63.4 | 55.6 | 7.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 |
| **05:00** | 16 | 64.6 | 54.7 | 9.6 | 0 | 0 | 0 | 0 | 1 | 0 | 4 | 4 | 5 | 0 | 2 | 0 |
| **06:00** | 58 | 61.9 | 53.7 | 8.0 | 0 | 0 | 0 | 0 | 1 | 5 | 15 | 14 | 13 | 8 | 2 | 0 |
| **07:00** | 117 | 59.2 | 52.2 | 6.7 | 0 | 0 | 0 | 1 | 2 | 12 | 25 | 46 | 17 | 14 | 0 | 0 |
| **08:00** | 99 | 58.6 | 50.3 | 8.0 | 0 | 0 | 0 | 3 | 3 | 13 | 38 | 19 | 13 | 8 | 2 | 0 |
| **09:00** | 88 | 55.4 | 47.2 | 8.0 | 0 | 1 | 1 | 3 | 8 | 18 | 23 | 21 | 12 | 1 | 0 | 0 |
| **10:00** | 101 | 52.8 | 42.7 | 9.8 | 0 | 1 | 9 | 9 | 14 | 33 | 10 | 18 | 3 | 4 | 0 | 0 |
| **11:00** | 65 | 54.8 | 47.2 | 7.3 | 0 | 0 | 1 | 1 | 9 | 14 | 15 | 14 | 11 | 0 | 0 | 0 |
| **12:00** | 93 | 53.8 | 44.9 | 8.5 | 0 | 1 | 1 | 2 | 20 | 31 | 16 | 10 | 9 | 2 | 1 | 0 |
| **13:00** | 96 | 53.7 | 43.2 | 10.2 | 0 | 4 | 3 | 10 | 14 | 23 | 14 | 21 | 5 | 2 | 0 | 0 |
| **14:00** | 100 | 56.4 | 48.2 | 8.0 | 0 | 0 | 2 | 1 | 13 | 17 | 22 | 29 | 11 | 5 | 0 | 0 |
| **15:00** | 115 | 57.8 | 47.4 | 10.0 | 0 | 1 | 7 | 2 | 8 | 22 | 31 | 25 | 9 | 9 | 1 | 0 |
| **16:00** | 164 | 58.2 | 48.4 | 9.5 | 0 | 0 | 8 | 0 | 17 | 30 | 39 | 37 | 20 | 10 | 3 | 0 |
| **17:00** | 171 | 60.3 | 51.2 | 8.8 | 0 | 1 | 1 | 0 | 8 | 23 | 51 | 39 | 27 | 17 | 3 | 1 |
| **18:00** | 71 | 59.5 | 50.4 | 8.7 | 0 | 0 | 1 | 1 | 6 | 12 | 13 | 15 | 15 | 8 | 0 | 0 |
| **19:00** | 48 | 57.7 | 47.3 | 10.0 | 0 | 0 | 2 | 3 | 3 | 13 | 11 | 6 | 4 | 6 | 0 | 0 |
| **20:00** | 32 | 56.9 | 48.0 | 8.6 | 0 | 0 | 0 | 0 | 4 | 11 | 7 | 3 | 5 | 1 | 1 | 0 |
| **21:00** | 20 | 55.7 | 48.8 | 6.7 | 0 | 0 | 0 | 0 | 3 | 2 | 6 | 5 | 4 | 0 | 0 | 0 |
| **22:00** | 15 | 60.7 | 47.7 | 12.6 | 0 | 0 | 1 | 3 | 0 | 2 | 1 | 3 | 3 | 2 | 0 | 0 |
| **23:00** | 4 | 53.7 | 48.8 | 4.8 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 |
| **Total 2H(10-12)** | 166 | 53.9 | 44.5 | 9.1 | 0 | 1 | 10 | 10 | 23 | 47 | 25 | 32 | 14 | 4 | 0 | 0 |
| **2H(14-16)** | 215 | 57.2 | 47.8 | 9.1 | 0 | 1 | 9 | 3 | 21 | 39 | 53 | 54 | 20 | 14 | 1 | 0 |
| **12H(7-19)** | 1280 | 57.6 | 48.0 | 9.2 | 0 | 9 | 34 | 33 | 122 | 248 | 297 | 294 | 152 | 80 | 10 | 1 |
| **24H(0-24)** | 1484 | 57.9 | 48.3 | 9.2 | 0 | 9 | 37 | 40 | 135 | 282 | 346 | 334 | 187 | 98 | 15 | 1 |
| **AM Peak** | 07:00 | 05:00 | 04:00 | 00:00 | 00:00 | 09:00 | 10:00 | 10:00 | 10:00 | 10:00 | 08:00 | 07:00 | 07:00 | 07:00 | 05:00 | 00:00 |
| | **117** | **64.6** | **55.6** | **10.4** | **0** | **1** | **9** | **9** | **14** | **33** | **38** | **46** | **17** | **14** | **2** | **0** |
| **PM Peak** | 17:00 | 22:00 | 17:00 | 22:00 | 12:00 | 13:00 | 16:00 | 13:00 | 12:00 | 12:00 | 17:00 | 17:00 | 17:00 | 17:00 | 16:00 | 17:00 |
| | **171** | **60.7** | **51.2** | **12.6** | **0** | **4** | **8** | **10** | **20** | **31** | **51** | **39** | **27** | **17** | **3** | **1** |



**Direction: Eastbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 3 | 65.9 | 51.7 | 13.8 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| **01:00** | 1 | - | 37.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 3 | 56.8 | 50.8 | 5.8 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| **04:00** | 3 | 58.8 | 55.8 | 2.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 |
| **05:00** | 32 | 66.3 | 55.2 | 10.7 | 0 | 1 | 0 | 0 | 0 | 0 | 8 | 6 | 9 | 6 | 2 | 0 |
| **06:00** | 59 | 65.6 | 55.8 | 9.5 | 0 | 0 | 1 | 0 | 1 | 5 | 5 | 17 | 14 | 12 | 4 | 0 |
| **07:00** | 101 | 66.2 | 55.6 | 10.2 | 0 | 0 | 0 | 0 | 3 | 8 | 22 | 24 | 15 | 21 | 5 | 3 |
| **08:00** | 100 | 65.3 | 53.2 | 11.7 | 0 | 2 | 0 | 0 | 5 | 7 | 28 | 26 | 11 | 14 | 3 | 4 |
| **09:00** | 61 | 63.0 | 50.5 | 12.0 | 0 | 1 | 3 | 0 | 3 | 14 | 7 | 9 | 15 | 7 | 1 | 1 |
| **10:00** | 54 | 60.4 | 49.2 | 10.8 | 0 | 1 | 0 | 2 | 4 | 15 | 8 | 9 | 8 | 5 | 2 | 0 |
| **11:00** | 66 | 59.4 | 48.2 | 10.8 | 0 | 2 | 0 | 2 | 6 | 18 | 10 | 12 | 8 | 7 | 1 | 0 |
| **12:00** | 60 | 62.0 | 47.7 | 13.8 | 0 | 4 | 3 | 2 | 6 | 3 | 10 | 16 | 9 | 5 | 2 | 0 |
| **13:00** | 62 | 61.4 | 49.1 | 11.9 | 0 | 1 | 2 | 3 | 5 | 10 | 13 | 12 | 8 | 4 | 4 | 0 |
| **14:00** | 79 | 62.5 | 53.4 | 8.8 | 0 | 0 | 0 | 1 | 3 | 10 | 11 | 24 | 15 | 12 | 3 | 0 |
| **15:00** | 79 | 62.5 | 49.0 | 13.0 | 0 | 4 | 0 | 1 | 14 | 10 | 11 | 17 | 8 | 10 | 4 | 0 |
| **16:00** | 92 | 63.4 | 52.5 | 10.5 | 0 | 1 | 1 | 0 | 4 | 12 | 21 | 19 | 18 | 11 | 4 | 1 |
| **17:00** | 79 | 64.3 | 55.2 | 8.8 | 0 | 0 | 0 | 0 | 5 | 2 | 10 | 29 | 13 | 17 | 2 | 1 |
| **18:00** | 66 | 62.3 | 52.8 | 9.2 | 0 | 1 | 1 | 1 | 2 | 0 | 16 | 19 | 15 | 11 | 0 | 0 |
| **19:00** | 35 | 62.1 | 55.0 | 6.9 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 9 | 6 | 9 | 0 | 0 |
| **20:00** | 19 | 59.1 | 53.9 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 8 | 1 | 0 | 0 |
| **21:00** | 18 | 59.7 | 50.0 | 9.4 | 0 | 0 | 0 | 1 | 0 | 4 | 5 | 5 | 1 | 1 | 1 | 0 |
| **22:00** | 20 | 66.0 | 52.6 | 12.9 | 0 | 0 | 1 | 1 | 1 | 1 | 3 | 5 | 4 | 3 | 0 | 1 |
| **23:00** | 3 | 65.9 | 51.7 | 13.8 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| **Total 2H(10-12)** | 120 | 59.8 | 48.6 | 10.8 | 0 | 3 | 0 | 4 | 10 | 33 | 18 | 21 | 16 | 12 | 3 | 0 |
| **2H(14-16)** | 158 | 62.9 | 51.2 | 11.3 | 0 | 4 | 0 | 2 | 17 | 20 | 22 | 41 | 23 | 22 | 7 | 0 |
| **12H(7-19)** | 899 | 63.4 | 51.7 | 11.2 | 0 | 17 | 10 | 12 | 60 | 109 | 167 | 216 | 143 | 124 | 31 | 10 |
| **24H(0-24)** | 1095 | 63.6 | 52.2 | 11.0 | 0 | 18 | 12 | 14 | 65 | 119 | 206 | 266 | 188 | 158 | 38 | 11 |
| **AM Peak** | 07:00 | 05:00 | 04:00 | 00:00 | 00:00 | 08:00 | 09:00 | 10:00 | 11:00 | 11:00 | 08:00 | 08:00 | 07:00 | 07:00 | 07:00 | 08:00 |
| | **101** | **66.3** | **55.8** | **13.8** | **0** | **2** | **3** | **2** | **6** | **18** | **28** | **26** | **15** | **21** | **5** | **4** |
| **PM Peak** | 16:00 | 22:00 | 17:00 | 12:00 | 12:00 | 12:00 | 12:00 | 13:00 | 15:00 | 16:00 | 16:00 | 17:00 | 16:00 | 17:00 | 13:00 | 16:00 |
| | **92** | **66.0** | **55.2** | **13.8** | **0** | **4** | **3** | **3** | **14** | **12** | **21** | **29** | **18** | **17** | **4** | **1** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 6 | 59.1 | 46.3 | 12.4 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 1 | 0 | 0 |
| **01:00** | 2 | 49.8 | 42.5 | 7.1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 2 | 53.7 | 50.0 | 3.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| **03:00** | 4 | 55.2 | 50.0 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 |
| **04:00** | 7 | 61.5 | 55.7 | 5.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 1 | 0 | 0 |
| **05:00** | 48 | 65.7 | 55.1 | 10.2 | 0 | 1 | 0 | 0 | 1 | 0 | 12 | 10 | 14 | 6 | 4 | 0 |
| **06:00** | 117 | 63.8 | 54.7 | 8.8 | 0 | 0 | 1 | 0 | 2 | 10 | 20 | 31 | 27 | 20 | 6 | 0 |
| **07:00** | 218 | 62.8 | 53.8 | 8.7 | 0 | 0 | 0 | 1 | 5 | 20 | 47 | 70 | 32 | 35 | 5 | 3 |
| **08:00** | 199 | 62.2 | 51.8 | 10.1 | 0 | 2 | 0 | 3 | 8 | 20 | 66 | 45 | 24 | 22 | 5 | 4 |
| **09:00** | 149 | 58.8 | 48.5 | 9.9 | 0 | 2 | 4 | 3 | 11 | 32 | 30 | 30 | 27 | 8 | 1 | 1 |
| **10:00** | 155 | 55.9 | 45.0 | 10.6 | 0 | 2 | 9 | 11 | 18 | 48 | 18 | 27 | 11 | 9 | 2 | 0 |
| **11:00** | 131 | 57.3 | 47.7 | 9.2 | 0 | 2 | 1 | 3 | 15 | 32 | 25 | 26 | 19 | 7 | 1 | 0 |
| **12:00** | 153 | 57.3 | 46.0 | 10.9 | 0 | 5 | 4 | 4 | 26 | 34 | 26 | 26 | 18 | 7 | 3 | 0 |
| **13:00** | 158 | 57.2 | 45.5 | 11.2 | 0 | 5 | 5 | 13 | 19 | 33 | 27 | 33 | 13 | 6 | 4 | 0 |
| **14:00** | 179 | 59.5 | 50.5 | 8.7 | 0 | 0 | 2 | 2 | 16 | 27 | 33 | 53 | 26 | 17 | 3 | 0 |
| **15:00** | 194 | 59.8 | 48.0 | 11.3 | 0 | 5 | 7 | 3 | 22 | 32 | 42 | 42 | 17 | 19 | 5 | 0 |
| **16:00** | 256 | 60.3 | 49.9 | 10.0 | 0 | 1 | 9 | 0 | 21 | 42 | 60 | 56 | 38 | 21 | 7 | 1 |
| **17:00** | 250 | 61.8 | 52.5 | 9.0 | 0 | 1 | 1 | 0 | 13 | 25 | 61 | 68 | 40 | 34 | 5 | 2 |
| **18:00** | 137 | 60.9 | 51.6 | 9.0 | 0 | 1 | 2 | 2 | 8 | 12 | 29 | 34 | 30 | 19 | 0 | 0 |
| **19:00** | 83 | 60.5 | 50.5 | 9.6 | 0 | 0 | 2 | 3 | 3 | 13 | 22 | 15 | 10 | 15 | 0 | 0 |
| **20:00** | 51 | 58.5 | 50.2 | 8.0 | 0 | 0 | 0 | 0 | 4 | 11 | 12 | 8 | 13 | 2 | 1 | 0 |
| **21:00** | 38 | 57.6 | 49.3 | 8.0 | 0 | 0 | 0 | 1 | 3 | 6 | 11 | 10 | 5 | 1 | 1 | 0 |
| **22:00** | 35 | 63.8 | 50.5 | 12.8 | 0 | 0 | 2 | 4 | 1 | 3 | 4 | 8 | 7 | 5 | 0 | 1 |
| **23:00** | 7 | 59.1 | 50.0 | 8.8 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 0 | 1 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 286 | 56.6 | 46.2 | 10.0 | 0 | 4 | 10 | 14 | 33 | 80 | 43 | 53 | 30 | 16 | 3 | 0 |
| **2H(14-16)** | 373 | 59.8 | 49.2 | 10.2 | 0 | 5 | 9 | 5 | 38 | 59 | 75 | 95 | 43 | 36 | 8 | 0 |
| **12H(7-19)** | 2179 | 60.2 | 49.6 | 10.3 | 0 | 26 | 44 | 45 | 182 | 357 | 464 | 510 | 295 | 204 | 41 | 11 |
| **24H(0-24)** | 2579 | 60.5 | 50.0 | 10.2 | 0 | 27 | 49 | 54 | 200 | 401 | 552 | 600 | 375 | 256 | 53 | 12 |
| **AM Peak** | 07:00 | 05:00 | 04:00 | 00:00 | 00:00 | 08:00 | 10:00 | 10:00 | 10:00 | 10:00 | 08:00 | 07:00 | 07:00 | 07:00 | 06:00 | 08:00 |
| | **218** | **65.7** | **55.7** | **12.4** | **0** | **2** | **9** | **11** | **18** | **48** | **66** | **70** | **32** | **35** | **6** | **4** |
| **PM Peak** | 16:00 | 22:00 | 17:00 | 22:00 | 12:00 | 12:00 | 16:00 | 13:00 | 12:00 | 16:00 | 17:00 | 17:00 | 17:00 | 17:00 | 16:00 | 17:00 |
| | **256** | **63.8** | **52.5** | **12.8** | **0** | **5** | **9** | **13** | **26** | **42** | **61** | **68** | **40** | **34** | **7** | **2** |

# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

**09/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 1 | - | 47.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 10 | 59.3 | 52.8 | 6.3 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 4 | 2 | 1 | 0 | 0 |
| **05:00** | 14 | 59.9 | 50.7 | 8.8 | 0 | 0 | 0 | 1 | 0 | 2 | 4 | 3 | 2 | 2 | 0 | 0 |
| **06:00** | 55 | 63.2 | 54.5 | 8.4 | 0 | 0 | 0 | 0 | 0 | 6 | 11 | 14 | 14 | 8 | 1 | 1 |
| **07:00** | 113 | 60.7 | 51.9 | 8.5 | 0 | 1 | 2 | 1 | 0 | 12 | 27 | 34 | 20 | 16 | 0 | 0 |
| **08:00** | 108 | 60.8 | 51.4 | 9.1 | 0 | 1 | 0 | 0 | 6 | 16 | 27 | 25 | 20 | 9 | 4 | 0 |
| **09:00** | 87 | 54.1 | 46.4 | 7.3 | 0 | 0 | 1 | 3 | 12 | 19 | 23 | 25 | 2 | 1 | 1 | 0 |
| **10:00** | 90 | 53.5 | 46.0 | 7.3 | 0 | 0 | 3 | 1 | 14 | 17 | 28 | 21 | 5 | 1 | 0 | 0 |
| **11:00** | 99 | 59.2 | 48.9 | 9.9 | 0 | 0 | 2 | 2 | 12 | 18 | 26 | 16 | 13 | 7 | 2 | 1 |
| **12:00** | 82 | 57.1 | 47.7 | 9.1 | 0 | 2 | 0 | 3 | 6 | 15 | 26 | 15 | 10 | 5 | 0 | 0 |
| **13:00** | 110 | 58.9 | 48.6 | 9.9 | 0 | 2 | 1 | 7 | 7 | 9 | 38 | 25 | 11 | 8 | 2 | 0 |
| **14:00** | 103 | 56.4 | 47.5 | 8.6 | 0 | 0 | 0 | 4 | 16 | 23 | 27 | 13 | 14 | 4 | 2 | 0 |
| **15:00** | 111 | 61.1 | 51.4 | 9.3 | 0 | 0 | 0 | 2 | 13 | 13 | 17 | 30 | 21 | 11 | 4 | 0 |
| **16:00** | 164 | 59.4 | 48.9 | 10.1 | 0 | 2 | 1 | 9 | 14 | 28 | 32 | 44 | 18 | 12 | 3 | 1 |
| **17:00** | 106 | 59.0 | 50.8 | 8.0 | 0 | 0 | 1 | 2 | 3 | 14 | 31 | 30 | 13 | 11 | 1 | 0 |
| **18:00** | 82 | 62.1 | 52.6 | 9.2 | 0 | 0 | 0 | 0 | 5 | 11 | 12 | 31 | 11 | 9 | 1 | 2 |
| **19:00** | 40 | 63.0 | 52.4 | 10.2 | 0 | 0 | 0 | 0 | 2 | 7 | 10 | 9 | 6 | 3 | 2 | 1 |
| **20:00** | 24 | 51.1 | 45.6 | 5.3 | 0 | 0 | 0 | 1 | 3 | 4 | 12 | 4 | 0 | 0 | 0 | 0 |
| **21:00** | 15 | 54.3 | 47.5 | 6.5 | 0 | 0 | 0 | 1 | 0 | 4 | 5 | 3 | 2 | 0 | 0 | 0 |
| **22:00** | 8 | 56.6 | 48.1 | 8.2 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 2 | 2 | 0 | 0 | 0 |
| **23:00** | 6 | 60.3 | 45.8 | 13.9 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 2 | 0 | 1 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 189 | 56.7 | 47.5 | 8.9 | 0 | 0 | 5 | 3 | 26 | 35 | 54 | 37 | 18 | 8 | 2 | 1 |
| **2H(14-16)** | 214 | 59.0 | 49.5 | 9.2 | 0 | 0 | 0 | 6 | 29 | 36 | 44 | 43 | 35 | 15 | 6 | 0 |
| **12H(7-19)** | 1255 | 58.9 | 49.4 | 9.2 | 0 | 8 | 11 | 34 | 108 | 195 | 314 | 309 | 158 | 94 | 20 | 4 |
| **24H(0-24)** | 1429 | 59.1 | 49.6 | 9.2 | 0 | 8 | 12 | 37 | 116 | 222 | 360 | 350 | 186 | 109 | 23 | 6 |
| **AM Peak** | 07:00 | 06:00 | 06:00 | 11:00 | 00:00 | 07:00 | 10:00 | 09:00 | 10:00 | 09:00 | 10:00 | 07:00 | 07:00 | 07:00 | 08:00 | 06:00 |
| | **113** | **63.2** | **54.5** | **9.9** | **0** | **1** | **3** | **3** | **14** | **19** | **28** | **34** | **20** | **16** | **4** | **1** |
| **PM Peak** | 16:00 | 19:00 | 18:00 | 23:00 | 12:00 | 12:00 | 13:00 | 16:00 | 14:00 | 16:00 | 13:00 | 16:00 | 15:00 | 16:00 | 15:00 | 18:00 |
| | **164** | **63.0** | **52.6** | **13.9** | **0** | **2** | **1** | **9** | **16** | **28** | **38** | **44** | **21** | **12** | **4** | **2** |



**Direction: Eastbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 1 | - | 57.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **01:00** | 2 | 66.7 | 61.3 | 5.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 4 | 62.5 | 50.6 | 11.4 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| **04:00** | 7 | 74.1 | 61.8 | 11.9 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 2 | 0 |
| **05:00** | 34 | 65.1 | 53.6 | 11.0 | 0 | 0 | 1 | 0 | 0 | 6 | 7 | 7 | 3 | 9 | 0 | 1 |
| **06:00** | 44 | 64.2 | 55.0 | 8.9 | 0 | 0 | 0 | 0 | 2 | 3 | 11 | 2 | 16 | 8 | 2 | 0 |
| **07:00** | 84 | 69.2 | 58.5 | 10.3 | 0 | 0 | 1 | 0 | 0 | 0 | 11 | 28 | 15 | 17 | 9 | 3 |
| **08:00** | 87 | 66.0 | 54.0 | 11.6 | 0 | 2 | 0 | 1 | 2 | 9 | 13 | 25 | 14 | 15 | 4 | 2 |
| **09:00** | 62 | 65.8 | 51.1 | 14.2 | 0 | 1 | 3 | 1 | 10 | 5 | 9 | 7 | 13 | 9 | 1 | 3 |
| **10:00** | 75 | 60.9 | 49.9 | 10.6 | 0 | 2 | 0 | 2 | 3 | 17 | 13 | 14 | 16 | 7 | 0 | 1 |
| **11:00** | 54 | 60.2 | 49.3 | 10.5 | 1 | 0 | 0 | 0 | 8 | 9 | 9 | 15 | 3 | 9 | 0 | 0 |
| **12:00** | 58 | 65.9 | 54.1 | 11.4 | 0 | 0 | 1 | 0 | 0 | 11 | 10 | 15 | 8 | 7 | 4 | 2 |
| **13:00** | 67 | 64.1 | 51.8 | 11.9 | 0 | 1 | 2 | 1 | 4 | 11 | 8 | 11 | 17 | 9 | 2 | 1 |
| **14:00** | 64 | 62.0 | 53.4 | 8.4 | 0 | 0 | 1 | 1 | 2 | 4 | 11 | 16 | 18 | 11 | 0 | 0 |
| **15:00** | 71 | 62.2 | 53.7 | 8.2 | 0 | 0 | 1 | 0 | 1 | 8 | 10 | 23 | 12 | 16 | 0 | 0 |
| **16:00** | 102 | 61.4 | 51.9 | 9.2 | 0 | 1 | 0 | 0 | 3 | 17 | 23 | 27 | 16 | 11 | 4 | 0 |
| **17:00** | 81 | 68.6 | 56.0 | 12.2 | 0 | 0 | 0 | 0 | 5 | 8 | 16 | 15 | 14 | 12 | 6 | 5 |
| **18:00** | 50 | 62.0 | 53.1 | 8.7 | 0 | 0 | 0 | 3 | 0 | 2 | 10 | 18 | 10 | 5 | 2 | 0 |
| **19:00** | 31 | 65.4 | 56.5 | 8.5 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 11 | 10 | 4 | 1 | 1 |
| **20:00** | 21 | 64.5 | 53.6 | 10.5 | 0 | 0 | 1 | 0 | 0 | 3 | 2 | 5 | 6 | 3 | 1 | 0 |
| **21:00** | 15 | 63.1 | 49.7 | 13.0 | 0 | 1 | 0 | 1 | 1 | 0 | 2 | 5 | 3 | 2 | 0 | 0 |
| **22:00** | 7 | 54.2 | 47.5 | 6.5 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 1 | 1 | 0 | 0 | 0 |
| **23:00** | 7 | 64.2 | 50.7 | 13.0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 1 | 1 | 0 | 1 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 129 | 60.6 | 49.7 | 10.5 | 1 | 2 | 0 | 2 | 11 | 26 | 22 | 29 | 19 | 16 | 0 | 1 |
| **2H(14-16)** | 135 | 62.1 | 53.6 | 8.3 | 0 | 0 | 2 | 1 | 3 | 12 | 21 | 39 | 30 | 27 | 0 | 0 |
| **12H(7-19)** | 855 | 64.6 | 53.2 | 10.9 | 1 | 7 | 9 | 9 | 38 | 101 | 143 | 214 | 156 | 128 | 32 | 17 |
| **24H(0-24)** | 1028 | 64.6 | 53.4 | 10.8 | 1 | 8 | 11 | 10 | 45 | 117 | 173 | 248 | 199 | 158 | 39 | 19 |
| **AM Peak** | 08:00 | 04:00 | 04:00 | 09:00 | 11:00 | 08:00 | 09:00 | 10:00 | 09:00 | 10:00 | 08:00 | 07:00 | 06:00 | 07:00 | 07:00 | 07:00 |
| | **87** | **74.1** | **61.8** | **14.2** | **1** | **2** | **3** | **2** | **10** | **17** | **13** | **28** | **16** | **17** | **9** | **3** |
| **PM Peak** | 16:00 | 17:00 | 19:00 | 23:00 | 12:00 | 13:00 | 13:00 | 18:00 | 17:00 | 16:00 | 16:00 | 16:00 | 14:00 | 15:00 | 17:00 | 17:00 |
| | **102** | **68.6** | **56.5** | **13.0** | **0** | **1** | **2** | **3** | **5** | **17** | **23** | **27** | **18** | **16** | **6** | **5** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 2 | 61.0 | 50.0 | 10.6 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| **01:00** | 2 | 66.7 | 61.3 | 5.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 5 | 60.4 | 50.0 | 10.0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 0 | 1 | 0 | 0 |
| **04:00** | 17 | 66.6 | 56.5 | 9.8 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 5 | 3 | 3 | 2 | 0 |
| **05:00** | 48 | 63.6 | 52.8 | 10.4 | 0 | 0 | 1 | 1 | 0 | 8 | 11 | 10 | 5 | 11 | 0 | 1 |
| **06:00** | 99 | 63.6 | 54.7 | 8.6 | 0 | 0 | 0 | 0 | 2 | 9 | 22 | 16 | 30 | 16 | 3 | 1 |
| **07:00** | 197 | 64.9 | 54.7 | 9.8 | 0 | 1 | 3 | 1 | 0 | 12 | 38 | 62 | 35 | 33 | 9 | 3 |
| **08:00** | 195 | 63.3 | 52.6 | 10.3 | 0 | 3 | 0 | 1 | 8 | 25 | 40 | 50 | 34 | 24 | 8 | 2 |
| **09:00** | 149 | 59.7 | 48.4 | 11.0 | 0 | 1 | 4 | 4 | 22 | 24 | 32 | 32 | 15 | 10 | 2 | 3 |
| **10:00** | 165 | 57.2 | 47.8 | 9.1 | 0 | 2 | 3 | 3 | 17 | 34 | 41 | 35 | 21 | 8 | 0 | 1 |
| **11:00** | 153 | 59.5 | 49.1 | 10.1 | 1 | 0 | 2 | 2 | 20 | 27 | 35 | 31 | 16 | 16 | 2 | 1 |
| **12:00** | 140 | 61.3 | 50.4 | 10.5 | 0 | 2 | 1 | 3 | 6 | 26 | 36 | 30 | 18 | 12 | 4 | 2 |
| **13:00** | 177 | 61.0 | 49.8 | 10.8 | 0 | 3 | 3 | 8 | 11 | 20 | 46 | 36 | 28 | 17 | 4 | 1 |
| **14:00** | 167 | 59.0 | 49.7 | 9.0 | 0 | 0 | 1 | 5 | 18 | 27 | 38 | 29 | 32 | 15 | 2 | 0 |
| **15:00** | 182 | 61.6 | 52.3 | 9.0 | 0 | 0 | 1 | 2 | 14 | 21 | 27 | 53 | 33 | 27 | 4 | 0 |
| **16:00** | 266 | 60.3 | 50.0 | 9.9 | 0 | 3 | 1 | 9 | 17 | 45 | 55 | 71 | 34 | 23 | 7 | 1 |
| **17:00** | 187 | 63.7 | 53.0 | 10.3 | 0 | 0 | 1 | 2 | 8 | 22 | 47 | 45 | 27 | 23 | 7 | 5 |
| **18:00** | 132 | 62.1 | 52.8 | 9.0 | 0 | 0 | 0 | 3 | 5 | 13 | 22 | 49 | 21 | 14 | 3 | 2 |
| **19:00** | 71 | 64.2 | 54.2 | 9.7 | 0 | 0 | 0 | 0 | 2 | 9 | 12 | 20 | 16 | 7 | 3 | 2 |
| **20:00** | 45 | 58.6 | 49.3 | 9.0 | 0 | 0 | 1 | 1 | 3 | 7 | 14 | 9 | 6 | 3 | 1 | 0 |
| **21:00** | 30 | 59.1 | 48.6 | 10.1 | 0 | 1 | 0 | 2 | 1 | 4 | 7 | 8 | 5 | 2 | 0 | 0 |
| **22:00** | 15 | 55.3 | 47.8 | 7.2 | 0 | 0 | 0 | 0 | 3 | 2 | 4 | 3 | 3 | 0 | 0 | 0 |
| **23:00** | 13 | 62.0 | 48.5 | 13.1 | 0 | 0 | 1 | 0 | 3 | 1 | 2 | 3 | 1 | 1 | 1 | 0 |
| **Total 2H(10-12)** | 318 | 58.4 | 48.4 | 9.6 | 1 | 2 | 5 | 5 | 37 | 61 | 76 | 66 | 37 | 24 | 2 | 2 |
| **2H(14-16)** | 349 | 60.5 | 51.1 | 9.0 | 0 | 0 | 2 | 7 | 32 | 48 | 65 | 82 | 65 | 42 | 6 | 0 |
| **12H(7-19)** | 2110 | 61.4 | 51.0 | 10.1 | 1 | 15 | 20 | 43 | 146 | 296 | 457 | 523 | 314 | 222 | 52 | 21 |
| **24H(0-24)** | 2457 | 61.6 | 51.2 | 10.1 | 1 | 16 | 23 | 47 | 161 | 339 | 533 | 598 | 385 | 267 | 62 | 25 |
| **AM Peak** | 07:00 | 01:00 | 01:00 | 09:00 | 11:00 | 08:00 | 09:00 | 09:00 | 09:00 | 10:00 | 10:00 | 07:00 | 07:00 | 07:00 | 07:00 | 07:00 |
| | **197** | **66.7** | **61.3** | **11.0** | **1** | **3** | **4** | **4** | **22** | **34** | **41** | **62** | **35** | **33** | **9** | **3** |
| **PM Peak** | 16:00 | 19:00 | 19:00 | 23:00 | 12:00 | 13:00 | 13:00 | 16:00 | 14:00 | 16:00 | 16:00 | 16:00 | 16:00 | 15:00 | 16:00 | 17:00 |
| | **266** | **64.2** | **54.2** | **13.1** | **0** | **3** | **3** | **9** | **18** | **45** | **55** | **71** | **34** | **27** | **7** | **5** |

# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

**10/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 10 | 67.4 | 55.8 | 11.2 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 3 | 2 | 1 | 0 |
| **01:00** | 3 | 56.2 | 42.5 | 13.2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **02:00** | 6 | 53.6 | 45.8 | 7.5 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 2 | 0 | 0 | 0 | 0 |
| **03:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 3 | 73.5 | 60.0 | 13.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 |
| **05:00** | 8 | 56.5 | 48.8 | 7.4 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 3 | 1 | 0 | 0 | 0 |
| **06:00** | 19 | 64.0 | 51.4 | 12.1 | 0 | 1 | 0 | 0 | 0 | 2 | 6 | 3 | 4 | 2 | 1 | 0 |
| **07:00** | 32 | 63.8 | 50.6 | 12.7 | 0 | 2 | 0 | 0 | 1 | 6 | 5 | 7 | 3 | 8 | 0 | 0 |
| **08:00** | 57 | 58.6 | 48.3 | 9.9 | 0 | 2 | 0 | 1 | 4 | 11 | 11 | 18 | 7 | 2 | 1 | 0 |
| **09:00** | 84 | 57.4 | 46.6 | 10.4 | 0 | 4 | 0 | 4 | 7 | 17 | 17 | 23 | 7 | 5 | 0 | 0 |
| **10:00** | 62 | 60.6 | 47.4 | 12.8 | 0 | 6 | 1 | 0 | 2 | 8 | 10 | 22 | 9 | 4 | 0 | 0 |
| **11:00** | 80 | 56.7 | 41.3 | 14.9 | 0 | 15 | 1 | 2 | 5 | 17 | 22 | 11 | 3 | 3 | 0 | 1 |
| **12:00** | 107 | 53.4 | 36.6 | 16.2 | 0 | 33 | 5 | 3 | 3 | 20 | 17 | 17 | 7 | 2 | 0 | 0 |
| **13:00** | 134 | 52.3 | 35.2 | 16.4 | 2 | 39 | 12 | 4 | 9 | 24 | 18 | 16 | 3 | 6 | 1 | 0 |
| **14:00** | 143 | 46.3 | 31.4 | 14.4 | 0 | 43 | 36 | 2 | 7 | 24 | 17 | 7 | 5 | 2 | 0 | 0 |
| **15:00** | 129 | 48.0 | 31.2 | 16.3 | 0 | 53 | 16 | 7 | 5 | 13 | 9 | 16 | 8 | 2 | 0 | 0 |
| **16:00** | 74 | 57.7 | 39.3 | 17.8 | 0 | 19 | 7 | 1 | 3 | 6 | 12 | 14 | 9 | 1 | 1 | 1 |
| **17:00** | 76 | 59.2 | 48.5 | 10.4 | 0 | 4 | 0 | 0 | 1 | 14 | 26 | 15 | 11 | 4 | 1 | 0 |
| **18:00** | 50 | 60.7 | 49.7 | 10.7 | 0 | 2 | 0 | 0 | 4 | 5 | 13 | 15 | 5 | 5 | 1 | 0 |
| **19:00** | 36 | 58.7 | 47.0 | 11.3 | 0 | 1 | 1 | 0 | 6 | 9 | 6 | 4 | 6 | 2 | 1 | 0 |
| **20:00** | 12 | 62.9 | 51.3 | 11.3 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 |
| **21:00** | 14 | 56.9 | 52.1 | 4.6 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 6 | 4 | 0 | 0 | 0 |
| **22:00** | 13 | 63.6 | 49.0 | 14.0 | 0 | 0 | 0 | 1 | 2 | 4 | 1 | 2 | 1 | 1 | 0 | 1 |
| **23:00** | 6 | 67.2 | 51.3 | 15.4 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 142 | 58.7 | 43.9 | 14.3 | 0 | 21 | 2 | 2 | 7 | 25 | 32 | 33 | 12 | 7 | 0 | 1 |
| **2H(14-16)** | 272 | 47.1 | 31.3 | 15.3 | 0 | 96 | 52 | 9 | 12 | 37 | 26 | 23 | 13 | 4 | 0 | 0 |
| **12H(7-19)** | 1028 | 56.1 | 39.6 | 15.9 | 2 | 222 | 78 | 24 | 51 | 165 | 177 | 181 | 77 | 44 | 5 | 2 |
| **24H(0-24)** | 1159 | 57.2 | 40.8 | 15.8 | 2 | 224 | 79 | 29 | 64 | 187 | 201 | 206 | 99 | 55 | 10 | 3 |
| **AM Peak** | 09:00 | 04:00 | 04:00 | 11:00 | 00:00 | 11:00 | 10:00 | 09:00 | 09:00 | 09:00 | 11:00 | 09:00 | 10:00 | 07:00 | 00:00 | 11:00 |
| | **84** | **73.5** | **60.0** | **14.9** | **0** | **15** | **1** | **4** | **7** | **17** | **22** | **23** | **9** | **8** | **1** | **1** |
| **PM Peak** | 14:00 | 23:00 | 21:00 | 16:00 | 13:00 | 15:00 | 14:00 | 15:00 | 13:00 | 13:00 | 17:00 | 12:00 | 17:00 | 13:00 | 13:00 | 16:00 |
| | **143** | **67.2** | **52.1** | **17.8** | **2** | **53** | **36** | **7** | **9** | **24** | **26** | **17** | **11** | **6** | **1** | **1** |



**Direction: Eastbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 5 | 79.0 | 59.0 | 19.3 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 1 |
| **01:00** | 3 | 66.9 | 55.0 | 11.5 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| **02:00** | 2 | 69.1 | 56.3 | 12.4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| **03:00** | 2 | 42.5 | 42.5 | 0.0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 2 | 91.4 | 71.3 | 19.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| **05:00** | 22 | 68.0 | 54.4 | 13.0 | 0 | 1 | 0 | 0 | 0 | 1 | 7 | 4 | 1 | 6 | 2 | 0 |
| **06:00** | 13 | 65.3 | 58.8 | 6.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 7 | 2 | 1 | 0 |
| **07:00** | 45 | 68.9 | 56.6 | 11.8 | 0 | 0 | 0 | 0 | 1 | 5 | 8 | 11 | 8 | 4 | 6 | 2 |
| **08:00** | 59 | 65.1 | 52.1 | 12.6 | 0 | 2 | 3 | 0 | 2 | 4 | 10 | 12 | 11 | 14 | 1 | 0 |
| **09:00** | 50 | 66.7 | 51.3 | 14.9 | 0 | 4 | 1 | 0 | 4 | 3 | 4 | 14 | 7 | 10 | 3 | 0 |
| **10:00** | 48 | 63.4 | 52.7 | 10.3 | 0 | 1 | 0 | 0 | 2 | 7 | 7 | 13 | 7 | 10 | 1 | 0 |
| **11:00** | 49 | 60.9 | 48.9 | 11.6 | 0 | 2 | 1 | 0 | 6 | 7 | 5 | 15 | 8 | 4 | 1 | 0 |
| **12:00** | 74 | 60.0 | 50.6 | 9.0 | 0 | 1 | 0 | 0 | 4 | 12 | 17 | 22 | 11 | 6 | 0 | 1 |
| **13:00** | 53 | 62.8 | 51.8 | 10.6 | 0 | 1 | 0 | 1 | 2 | 9 | 8 | 14 | 10 | 5 | 3 | 0 |
| **14:00** | 46 | 59.9 | 51.8 | 7.9 | 0 | 0 | 0 | 1 | 1 | 6 | 10 | 15 | 8 | 4 | 1 | 0 |
| **15:00** | 46 | 58.6 | 49.8 | 8.5 | 0 | 0 | 0 | 0 | 3 | 17 | 2 | 12 | 8 | 3 | 1 | 0 |
| **16:00** | 34 | 61.5 | 54.5 | 6.8 | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 11 | 7 | 7 | 0 | 0 |
| **17:00** | 43 | 62.7 | 52.8 | 9.6 | 0 | 0 | 0 | 1 | 3 | 2 | 11 | 12 | 7 | 4 | 3 | 0 |
| **18:00** | 29 | 66.8 | 56.2 | 10.2 | 0 | 0 | 0 | 0 | 0 | 4 | 5 | 5 | 6 | 7 | 1 | 1 |
| **19:00** | 20 | 63.6 | 53.8 | 9.5 | 0 | 0 | 0 | 0 | 1 | 4 | 1 | 5 | 5 | 3 | 1 | 0 |
| **20:00** | 13 | 60.1 | 52.5 | 7.3 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 4 | 2 | 2 | 0 | 0 |
| **21:00** | 10 | 58.6 | 50.3 | 8.0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 2 | 2 | 1 | 0 | 0 |
| **22:00** | 9 | 64.5 | 57.2 | 7.0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 3 | 0 | 0 |
| **23:00** | 8 | 71.3 | 58.8 | 12.1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 1 | 0 | 1 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 97 | 62.3 | 50.8 | 11.1 | 0 | 3 | 1 | 0 | 8 | 14 | 12 | 28 | 15 | 14 | 2 | 0 |
| **2H(14-16)** | 92 | 59.3 | 50.8 | 8.2 | 0 | 0 | 0 | 1 | 4 | 23 | 12 | 27 | 16 | 7 | 2 | 0 |
| **12H(7-19)** | 576 | 63.3 | 52.1 | 10.7 | 0 | 11 | 5 | 3 | 28 | 78 | 94 | 156 | 98 | 78 | 21 | 4 |
| **24H(0-24)** | 685 | 63.8 | 52.6 | 10.8 | 0 | 12 | 5 | 3 | 30 | 93 | 111 | 176 | 123 | 100 | 25 | 7 |
| **AM Peak** | 08:00 | 04:00 | 04:00 | 04:00 | 00:00 | 09:00 | 08:00 | 00:00 | 11:00 | 10:00 | 08:00 | 11:00 | 08:00 | 08:00 | 07:00 | 07:00 |
| | **59** | **91.4** | **71.3** | **19.4** | **0** | **4** | **3** | **0** | **6** | **7** | **10** | **15** | **11** | **14** | **6** | **2** |
| **PM Peak** | 12:00 | 23:00 | 23:00 | 23:00 | 12:00 | 12:00 | 12:00 | 13:00 | 12:00 | 15:00 | 12:00 | 12:00 | 12:00 | 16:00 | 13:00 | 12:00 |
| | **74** | **71.3** | **58.8** | **12.1** | **0** | **1** | **0** | **1** | **4** | **17** | **17** | **22** | **11** | **7** | **3** | **1** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 15 | 71.1 | 56.8 | 13.8 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 1 | 3 | 4 | 1 | 1 |
| **01:00** | 6 | 62.2 | 48.8 | 13.0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 2 | 1 | 0 | 0 |
| **02:00** | 8 | 58.0 | 48.4 | 9.3 | 0 | 0 | 0 | 1 | 0 | 1 | 3 | 2 | 0 | 1 | 0 | 0 |
| **03:00** | 3 | 42.5 | 42.5 | 0.0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 5 | 79.8 | 64.5 | 14.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 1 |
| **05:00** | 30 | 65.3 | 52.9 | 12.0 | 0 | 1 | 0 | 1 | 0 | 1 | 10 | 7 | 2 | 6 | 2 | 0 |
| **06:00** | 32 | 65.5 | 54.5 | 10.7 | 0 | 1 | 0 | 0 | 0 | 2 | 6 | 6 | 11 | 4 | 2 | 0 |
| **07:00** | 77 | 67.0 | 54.1 | 12.5 | 0 | 2 | 0 | 0 | 2 | 11 | 13 | 18 | 11 | 12 | 6 | 2 |
| **08:00** | 116 | 62.1 | 50.2 | 11.4 | 0 | 4 | 3 | 1 | 6 | 15 | 21 | 30 | 18 | 16 | 2 | 0 |
| **09:00** | 134 | 61.3 | 48.4 | 12.4 | 0 | 8 | 1 | 4 | 11 | 20 | 21 | 37 | 14 | 15 | 3 | 0 |
| **10:00** | 110 | 62.1 | 49.7 | 12.0 | 0 | 7 | 1 | 0 | 4 | 15 | 17 | 35 | 16 | 14 | 1 | 0 |
| **11:00** | 129 | 58.9 | 44.2 | 14.2 | 0 | 17 | 2 | 2 | 11 | 24 | 27 | 26 | 11 | 7 | 1 | 1 |
| **12:00** | 181 | 58.2 | 42.3 | 15.3 | 0 | 34 | 5 | 3 | 7 | 32 | 34 | 39 | 18 | 8 | 0 | 1 |
| **13:00** | 187 | 57.3 | 39.9 | 16.8 | 2 | 40 | 12 | 5 | 11 | 33 | 26 | 30 | 13 | 11 | 4 | 0 |
| **14:00** | 189 | 52.7 | 36.3 | 15.8 | 0 | 43 | 36 | 3 | 8 | 30 | 27 | 22 | 13 | 6 | 1 | 0 |
| **15:00** | 175 | 53.4 | 36.1 | 16.8 | 0 | 53 | 16 | 7 | 8 | 30 | 11 | 28 | 16 | 5 | 1 | 0 |
| **16:00** | 108 | 61.4 | 44.1 | 16.7 | 0 | 19 | 7 | 1 | 3 | 8 | 19 | 25 | 16 | 8 | 1 | 1 |
| **17:00** | 119 | 60.7 | 50.0 | 10.3 | 0 | 4 | 0 | 1 | 4 | 16 | 37 | 27 | 18 | 8 | 4 | 0 |
| **18:00** | 79 | 63.4 | 52.1 | 10.9 | 0 | 2 | 0 | 0 | 4 | 9 | 18 | 20 | 11 | 12 | 2 | 1 |
| **19:00** | 56 | 60.9 | 49.4 | 11.1 | 0 | 1 | 1 | 0 | 7 | 13 | 7 | 9 | 11 | 5 | 2 | 0 |
| **20:00** | 25 | 61.5 | 51.9 | 9.2 | 0 | 0 | 0 | 0 | 2 | 4 | 5 | 6 | 4 | 3 | 1 | 0 |
| **21:00** | 24 | 57.7 | 51.4 | 6.2 | 0 | 0 | 0 | 0 | 0 | 5 | 4 | 8 | 6 | 1 | 0 | 0 |
| **22:00** | 22 | 65.0 | 52.4 | 12.2 | 0 | 0 | 0 | 1 | 2 | 4 | 3 | 3 | 4 | 4 | 0 | 1 |
| **23:00** | 14 | 69.6 | 55.5 | 13.6 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 3 | 4 | 0 | 1 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 239 | 60.7 | 46.7 | 13.5 | 0 | 24 | 3 | 2 | 15 | 39 | 44 | 61 | 27 | 21 | 2 | 1 |
| **2H(14-16)** | 364 | 53.0 | 36.2 | 16.2 | 0 | 96 | 52 | 10 | 16 | 60 | 38 | 50 | 29 | 11 | 2 | 0 |
| **12H(7-19)** | 1604 | 60.2 | 44.1 | 15.5 | 2 | 233 | 83 | 27 | 79 | 243 | 271 | 337 | 175 | 122 | 26 | 6 |
| **24H(0-24)** | 1844 | 61.0 | 45.2 | 15.2 | 2 | 236 | 84 | 32 | 94 | 280 | 312 | 382 | 222 | 155 | 35 | 10 |
| **AM Peak** | 09:00 | 04:00 | 04:00 | 04:00 | 00:00 | 11:00 | 08:00 | 09:00 | 09:00 | 11:00 | 11:00 | 09:00 | 08:00 | 08:00 | 07:00 | 07:00 |
| | **134** | **79.8** | **64.5** | **14.7** | **0** | **17** | **3** | **4** | **11** | **24** | **27** | **37** | **18** | **16** | **6** | **2** |
| **PM Peak** | 14:00 | 23:00 | 23:00 | 15:00 | 13:00 | 15:00 | 14:00 | 15:00 | 13:00 | 13:00 | 17:00 | 12:00 | 12:00 | 18:00 | 13:00 | 12:00 |
| | **189** | **69.6** | **55.5** | **16.8** | **2** | **53** | **36** | **7** | **11** | **33** | **37** | **39** | **18** | **12** | **4** | **1** |

# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

**11/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 2 | 61.0 | 50.0 | 10.6 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| **01:00** | 2 | 71.4 | 51.3 | 19.4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 1 | - | 37.5 | - | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 2 | 54.8 | 47.5 | 7.1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **05:00** | 6 | 60.1 | 48.8 | 10.9 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 0 |
| **06:00** | 7 | 60.9 | 44.6 | 15.7 | 0 | 1 | 0 | 0 | 0 | 3 | 1 | 0 | 1 | 1 | 0 | 0 |
| **07:00** | 9 | 60.6 | 52.8 | 7.5 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 2 | 3 | 1 | 0 | 0 |
| **08:00** | 28 | 57.8 | 44.3 | 13.1 | 0 | 3 | 1 | 0 | 2 | 6 | 6 | 7 | 1 | 2 | 0 | 0 |
| **09:00** | 48 | 58.9 | 50.2 | 8.4 | 0 | 1 | 0 | 1 | 1 | 6 | 14 | 10 | 13 | 2 | 0 | 0 |
| **10:00** | 54 | 61.3 | 48.6 | 12.2 | 0 | 4 | 0 | 0 | 1 | 9 | 15 | 11 | 10 | 2 | 2 | 0 |
| **11:00** | 78 | 56.1 | 48.8 | 7.1 | 0 | 0 | 0 | 1 | 9 | 13 | 20 | 21 | 11 | 3 | 0 | 0 |
| **12:00** | 80 | 58.4 | 47.1 | 10.9 | 0 | 2 | 1 | 5 | 15 | 6 | 17 | 18 | 9 | 6 | 1 | 0 |
| **13:00** | 69 | 58.2 | 47.2 | 10.6 | 0 | 0 | 5 | 3 | 5 | 16 | 9 | 19 | 8 | 3 | 0 | 1 |
| **14:00** | 86 | 57.1 | 49.2 | 7.6 | 0 | 0 | 0 | 1 | 11 | 12 | 20 | 28 | 9 | 4 | 1 | 0 |
| **15:00** | 77 | 55.0 | 43.5 | 11.2 | 0 | 4 | 4 | 4 | 11 | 20 | 12 | 14 | 4 | 4 | 0 | 0 |
| **16:00** | 64 | 58.1 | 46.9 | 10.8 | 0 | 1 | 1 | 3 | 11 | 11 | 18 | 9 | 2 | 6 | 2 | 0 |
| **17:00** | 84 | 56.3 | 46.5 | 9.5 | 0 | 0 | 3 | 5 | 16 | 7 | 25 | 15 | 8 | 4 | 1 | 0 |
| **18:00** | 60 | 58.9 | 47.8 | 10.7 | 0 | 0 | 2 | 6 | 6 | 7 | 12 | 14 | 9 | 3 | 0 | 1 |
| **19:00** | 26 | 63.4 | 53.6 | 9.5 | 0 | 0 | 0 | 1 | 0 | 3 | 5 | 9 | 1 | 6 | 1 | 0 |
| **20:00** | 18 | 54.7 | 45.7 | 8.7 | 0 | 0 | 0 | 1 | 5 | 3 | 4 | 2 | 2 | 1 | 0 | 0 |
| **21:00** | 13 | 58.1 | 51.2 | 6.7 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 5 | 2 | 1 | 0 | 0 |
| **22:00** | 9 | 51.5 | 44.2 | 7.1 | 0 | 0 | 0 | 1 | 1 | 3 | 3 | 0 | 1 | 0 | 0 | 0 |
| **23:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 132 | 58.5 | 48.7 | 9.5 | 0 | 4 | 0 | 1 | 10 | 22 | 35 | 32 | 21 | 5 | 2 | 0 |
| **2H(14-16)** | 163 | 56.7 | 46.5 | 9.9 | 0 | 4 | 4 | 5 | 22 | 32 | 32 | 42 | 13 | 8 | 1 | 0 |
| **12H(7-19)** | 737 | 57.9 | 47.4 | 10.2 | 0 | 15 | 17 | 29 | 88 | 115 | 169 | 168 | 87 | 40 | 7 | 2 |
| **24H(0-24)** | 823 | 58.1 | 47.6 | 10.1 | 0 | 16 | 17 | 33 | 96 | 133 | 185 | 187 | 95 | 51 | 8 | 2 |
| **AM Peak** | 11:00 | 01:00 | 07:00 | 01:00 | 00:00 | 10:00 | 08:00 | 05:00 | 11:00 | 11:00 | 11:00 | 11:00 | 09:00 | 11:00 | 10:00 | 00:00 |
| | **78** | **71.4** | **52.8** | **19.4** | **0** | **4** | **1** | **1** | **9** | **13** | **20** | **21** | **13** | **3** | **2** | **0** |
| **PM Peak** | 14:00 | 19:00 | 19:00 | 15:00 | 12:00 | 15:00 | 13:00 | 18:00 | 17:00 | 15:00 | 17:00 | 14:00 | 12:00 | 12:00 | 16:00 | 13:00 |
| | **86** | **63.4** | **53.6** | **11.2** | **0** | **4** | **5** | **6** | **16** | **20** | **25** | **28** | **9** | **6** | **2** | **1** |



**Direction: Eastbound**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 3 | 79.6 | 69.2 | 10.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 |
| **01:00** | 3 | 57.7 | 52.5 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 1 | - | 42.5 | - | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **05:00** | 13 | 68.7 | 57.7 | 10.6 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 2 | 2 | 3 | 2 | 0 |
| **06:00** | 7 | 80.7 | 56.4 | 23.4 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 1 | 1 |
| **07:00** | 24 | 60.8 | 50.3 | 10.1 | 0 | 1 | 0 | 0 | 0 | 1 | 12 | 5 | 1 | 4 | 0 | 0 |
| **08:00** | 47 | 65.6 | 53.0 | 12.2 | 0 | 1 | 3 | 0 | 0 | 3 | 7 | 12 | 10 | 9 | 2 | 0 |
| **09:00** | 54 | 65.4 | 54.2 | 10.8 | 0 | 0 | 2 | 1 | 0 | 1 | 13 | 14 | 13 | 7 | 1 | 2 |
| **10:00** | 46 | 65.5 | 51.6 | 13.3 | 0 | 3 | 0 | 0 | 0 | 6 | 10 | 9 | 11 | 4 | 2 | 1 |
| **11:00** | 37 | 66.2 | 54.6 | 11.2 | 0 | 0 | 1 | 1 | 2 | 2 | 6 | 6 | 7 | 10 | 2 | 0 |
| **12:00** | 37 | 61.8 | 47.8 | 13.5 | 0 | 3 | 2 | 1 | 0 | 4 | 3 | 16 | 4 | 4 | 0 | 0 |
| **13:00** | 52 | 62.0 | 51.3 | 10.3 | 0 | 2 | 0 | 0 | 2 | 4 | 10 | 18 | 10 | 5 | 1 | 0 |
| **14:00** | 31 | 63.7 | 52.3 | 10.9 | 0 | 0 | 0 | 4 | 0 | 4 | 3 | 5 | 9 | 5 | 1 | 0 |
| **15:00** | 46 | 62.4 | 49.9 | 12.1 | 0 | 1 | 2 | 0 | 5 | 4 | 9 | 12 | 8 | 3 | 1 | 1 |
| **16:00** | 31 | 63.5 | 53.7 | 9.5 | 0 | 0 | 0 | 0 | 1 | 5 | 5 | 9 | 4 | 5 | 2 | 0 |
| **17:00** | 37 | 58.7 | 51.4 | 7.1 | 0 | 0 | 0 | 1 | 1 | 5 | 5 | 16 | 6 | 3 | 0 | 0 |
| **18:00** | 31 | 60.6 | 51.9 | 8.3 | 0 | 0 | 0 | 0 | 2 | 5 | 5 | 8 | 8 | 2 | 1 | 0 |
| **19:00** | 23 | 58.5 | 51.0 | 7.3 | 0 | 0 | 0 | 0 | 0 | 7 | 3 | 6 | 5 | 2 | 0 | 0 |
| **20:00** | 22 | 62.2 | 52.6 | 9.2 | 0 | 0 | 0 | 1 | 0 | 3 | 5 | 4 | 6 | 2 | 1 | 0 |
| **21:00** | 8 | 62.7 | 51.9 | 10.4 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 2 | 1 | 2 | 0 | 0 |
| **22:00** | 10 | 67.4 | 58.0 | 9.1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 1 | 3 | 1 | 0 |
| **23:00** | 3 | 57.7 | 52.5 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 83 | 65.9 | 53.0 | 12.5 | 0 | 3 | 1 | 1 | 2 | 8 | 16 | 15 | 18 | 14 | 4 | 1 |
| **2H(14-16)** | 77 | 62.9 | 50.9 | 11.6 | 0 | 1 | 2 | 4 | 5 | 8 | 12 | 17 | 17 | 8 | 2 | 1 |
| **12H(7-19)** | 473 | 63.4 | 51.9 | 11.1 | 0 | 11 | 10 | 8 | 13 | 44 | 88 | 130 | 91 | 61 | 13 | 4 |
| **24H(0-24)** | 566 | 63.8 | 52.3 | 11.1 | 0 | 12 | 10 | 9 | 14 | 59 | 104 | 149 | 109 | 75 | 20 | 5 |
| **AM Peak** | 09:00 | 06:00 | 00:00 | 06:00 | 00:00 | 10:00 | 08:00 | 09:00 | 11:00 | 10:00 | 09:00 | 09:00 | 09:00 | 11:00 | 00:00 | 09:00 |
| | **54** | **80.7** | **69.2** | **23.4** | **0** | **3** | **3** | **1** | **2** | **6** | **13** | **14** | **13** | **10** | **2** | **2** |
| **PM Peak** | 13:00 | 22:00 | 22:00 | 12:00 | 12:00 | 12:00 | 12:00 | 14:00 | 15:00 | 19:00 | 13:00 | 13:00 | 13:00 | 13:00 | 16:00 | 15:00 |
| | **52** | **67.4** | **58.0** | **13.5** | **0** | **3** | **2** | **4** | **5** | **7** | **10** | **18** | **10** | **5** | **2** | **1** |

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 5 | 75.8 | 61.5 | 13.8 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 2 | 0 |
| **01:00** | 5 | 62.7 | 52.0 | 10.4 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 0 |
| **02:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 2 | 43.7 | 40.0 | 3.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **04:00** | 2 | 54.8 | 47.5 | 7.1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| **05:00** | 19 | 66.5 | 54.9 | 11.3 | 0 | 0 | 0 | 1 | 0 | 2 | 4 | 4 | 2 | 4 | 2 | 0 |
| **06:00** | 14 | 71.4 | 50.5 | 20.1 | 0 | 2 | 0 | 0 | 0 | 4 | 2 | 0 | 1 | 3 | 1 | 1 |
| **07:00** | 33 | 60.7 | 51.0 | 9.4 | 0 | 1 | 0 | 0 | 0 | 3 | 13 | 7 | 4 | 5 | 0 | 0 |
| **08:00** | 75 | 63.3 | 49.7 | 13.1 | 0 | 4 | 4 | 0 | 2 | 9 | 13 | 19 | 11 | 11 | 2 | 0 |
| **09:00** | 102 | 62.6 | 52.3 | 9.9 | 0 | 1 | 2 | 2 | 1 | 7 | 27 | 24 | 26 | 9 | 1 | 2 |
| **10:00** | 100 | 63.2 | 50.0 | 12.8 | 0 | 7 | 0 | 0 | 1 | 15 | 25 | 20 | 21 | 6 | 4 | 1 |
| **11:00** | 115 | 60.0 | 50.6 | 9.0 | 0 | 0 | 1 | 2 | 11 | 15 | 26 | 27 | 18 | 13 | 2 | 0 |
| **12:00** | 117 | 59.5 | 47.4 | 11.7 | 0 | 5 | 3 | 6 | 15 | 10 | 20 | 34 | 13 | 10 | 1 | 0 |
| **13:00** | 121 | 60.0 | 49.0 | 10.6 | 0 | 2 | 5 | 3 | 7 | 20 | 19 | 37 | 18 | 8 | 1 | 1 |
| **14:00** | 117 | 59.0 | 50.0 | 8.7 | 0 | 0 | 0 | 5 | 11 | 16 | 23 | 33 | 18 | 9 | 2 | 0 |
| **15:00** | 123 | 58.2 | 45.9 | 11.9 | 0 | 5 | 6 | 4 | 16 | 24 | 21 | 26 | 12 | 7 | 1 | 1 |
| **16:00** | 95 | 60.3 | 49.1 | 10.8 | 0 | 1 | 1 | 3 | 12 | 16 | 23 | 18 | 6 | 11 | 4 | 0 |
| **17:00** | 121 | 57.4 | 48.0 | 9.1 | 0 | 0 | 3 | 6 | 17 | 12 | 30 | 31 | 14 | 7 | 1 | 0 |
| **18:00** | 91 | 59.7 | 49.2 | 10.1 | 0 | 0 | 2 | 6 | 8 | 12 | 17 | 22 | 17 | 5 | 1 | 1 |
| **19:00** | 49 | 61.2 | 52.3 | 8.5 | 0 | 0 | 0 | 1 | 0 | 10 | 8 | 15 | 6 | 8 | 1 | 0 |
| **20:00** | 40 | 59.4 | 49.5 | 9.6 | 0 | 0 | 0 | 2 | 5 | 6 | 9 | 6 | 8 | 3 | 1 | 0 |
| **21:00** | 21 | 59.8 | 51.4 | 8.0 | 0 | 0 | 0 | 0 | 1 | 5 | 2 | 7 | 3 | 3 | 0 | 0 |
| **22:00** | 19 | 62.5 | 51.4 | 10.7 | 0 | 0 | 0 | 1 | 1 | 3 | 5 | 3 | 2 | 3 | 1 | 0 |
| **23:00** | 3 | 57.7 | 52.5 | 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 215 | 61.6 | 50.3 | 10.9 | 0 | 7 | 1 | 2 | 12 | 30 | 51 | 47 | 39 | 19 | 6 | 1 |
| **2H(14-16)** | 240 | 58.9 | 47.9 | 10.6 | 0 | 5 | 6 | 9 | 27 | 40 | 44 | 59 | 30 | 16 | 3 | 1 |
| **12H(7-19)** | 1210 | 60.3 | 49.2 | 10.8 | 0 | 26 | 27 | 37 | 101 | 159 | 257 | 298 | 178 | 101 | 20 | 6 |
| **24H(0-24)** | 1389 | 60.7 | 49.5 | 10.8 | 0 | 28 | 27 | 42 | 110 | 192 | 289 | 336 | 204 | 126 | 28 | 7 |
| **AM Peak** | 11:00 | 00:00 | 00:00 | 06:00 | 00:00 | 10:00 | 08:00 | 09:00 | 11:00 | 10:00 | 09:00 | 11:00 | 09:00 | 11:00 | 10:00 | 09:00 |
| | **115** | **75.8** | **61.5** | **20.1** | **0** | **7** | **4** | **2** | **11** | **15** | **27** | **27** | **26** | **13** | **4** | **2** |
| **PM Peak** | 15:00 | 22:00 | 23:00 | 15:00 | 12:00 | 12:00 | 15:00 | 12:00 | 17:00 | 15:00 | 17:00 | 13:00 | 13:00 | 16:00 | 16:00 | 13:00 |
| | **123** | **62.5** | **52.5** | **11.9** | **0** | **5** | **6** | **6** | **17** | **24** | **30** | **37** | **18** | **11** | **4** | **1** |

# Tween Bridge ATC 15, Low Levels Bank

**Direction: Westbound**

**12/06/2023**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 0 | - | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **01:00** | 2 | 42.5 | 42.5 | 0.0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| **02:00** | 1 | - | 65.0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| **03:00** | 2 | 69.1 | 56.3 | 12.4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| **04:00** | 5 | 67.0 | 61.0 | 5.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 0 | 0 |
| **05:00** | 13 | 63.4 | 52.1 | 10.8 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 3 | 3 | 1 | 1 | 0 |
| **06:00** | 60 | 61.0 | 52.3 | 8.4 | 0 | 0 | 0 | 0 | 4 | 7 | 11 | 21 | 8 | 7 | 2 | 0 |
| **07:00** | 130 | 59.1 | 52.5 | 6.3 | 0 | 0 | 0 | 1 | 2 | 3 | 40 | 50 | 20 | 13 | 1 | 0 |
| **08:00** | 100 | 60.5 | 52.0 | 8.2 | 0 | 0 | 1 | 0 | 3 | 9 | 31 | 31 | 10 | 12 | 3 | 0 |
| **09:00** | 112 | 55.4 | 46.4 | 8.7 | 0 | 2 | 1 | 1 | 16 | 30 | 28 | 18 | 12 | 3 | 1 | 0 |
| **10:00** | 74 | 52.9 | 44.7 | 7.9 | 0 | 1 | 1 | 5 | 9 | 20 | 23 | 9 | 5 | 1 | 0 | 0 |
| **11:00** | 93 | 56.1 | 45.0 | 10.7 | 0 | 5 | 3 | 0 | 15 | 19 | 20 | 20 | 7 | 4 | 0 | 0 |
| **12:00** | 81 | 55.6 | 46.7 | 8.5 | 0 | 0 | 1 | 3 | 12 | 24 | 12 | 17 | 8 | 3 | 1 | 0 |
| **13:00** | 76 | 57.2 | 46.2 | 10.6 | 0 | 2 | 3 | 6 | 8 | 9 | 16 | 20 | 8 | 4 | 0 | 0 |
| **14:00** | 109 | 57.0 | 47.3 | 9.4 | 0 | 2 | 2 | 1 | 14 | 20 | 25 | 32 | 10 | 1 | 1 | 1 |
| **15:00** | 123 | 57.8 | 48.9 | 8.5 | 0 | 2 | 1 | 1 | 6 | 28 | 26 | 34 | 17 | 8 | 0 | 0 |
| **16:00** | 143 | 60.8 | 50.9 | 9.5 | 0 | 1 | 4 | 1 | 2 | 28 | 23 | 42 | 26 | 12 | 4 | 0 |
| **17:00** | 142 | 60.8 | 51.8 | 8.7 | 0 | 0 | 2 | 2 | 1 | 23 | 31 | 36 | 30 | 14 | 2 | 1 |
| **18:00** | 73 | 62.6 | 52.4 | 9.9 | 0 | 1 | 0 | 0 | 2 | 11 | 18 | 15 | 13 | 11 | 1 | 1 |
| **19:00** | 40 | 60.0 | 50.3 | 9.4 | 0 | 0 | 0 | 0 | 7 | 7 | 5 | 7 | 10 | 3 | 1 | 0 |
| **20:00** | 23 | 61.1 | 49.5 | 11.2 | 0 | 1 | 0 | 0 | 3 | 3 | 2 | 8 | 3 | 3 | 0 | 0 |
| **21:00** | 17 | 56.5 | 48.5 | 7.7 | 0 | 0 | 0 | 0 | 3 | 3 | 2 | 7 | 1 | 1 | 0 | 0 |
| **22:00** | 15 | 54.6 | 43.3 | 10.8 | 0 | 1 | 0 | 1 | 3 | 3 | 3 | 2 | 2 | 0 | 0 | 0 |
| **23:00** | 2 | 59.8 | 52.5 | 7.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 167 | 54.8 | 44.9 | 9.6 | 0 | 6 | 4 | 5 | 24 | 39 | 43 | 29 | 12 | 5 | 0 | 0 |
| **2H(14-16)** | 232 | 57.5 | 48.2 | 9.0 | 0 | 4 | 3 | 2 | 20 | 48 | 51 | 66 | 27 | 9 | 1 | 1 |
| **12H(7-19)** | 1256 | 58.7 | 49.1 | 9.3 | 0 | 16 | 19 | 21 | 90 | 224 | 293 | 324 | 166 | 86 | 14 | 3 |
| **24H(0-24)** | 1436 | 59.0 | 49.3 | 9.4 | 0 | 18 | 19 | 22 | 112 | 251 | 319 | 373 | 195 | 106 | 18 | 3 |
| **AM Peak** | 07:00 | 03:00 | 02:00 | 03:00 | 00:00 | 11:00 | 11:00 | 10:00 | 09:00 | 09:00 | 07:00 | 07:00 | 07:00 | 07:00 | 08:00 | 00:00 |
| | **130** | **69.1** | **65.0** | **12.4** | **0** | **5** | **3** | **5** | **16** | **30** | **40** | **50** | **20** | **13** | **3** | **0** |
| **PM Peak** | 16:00 | 18:00 | 23:00 | 20:00 | 12:00 | 13:00 | 16:00 | 13:00 | 14:00 | 15:00 | 17:00 | 16:00 | 17:00 | 17:00 | 16:00 | 14:00 |
| | **143** | **62.6** | **52.5** | **11.2** | **0** | **2** | **4** | **6** | **14** | **28** | **31** | **42** | **30** | **14** | **4** | **1** |

**Paul Castle Associates**

**Direction: Eastbound**

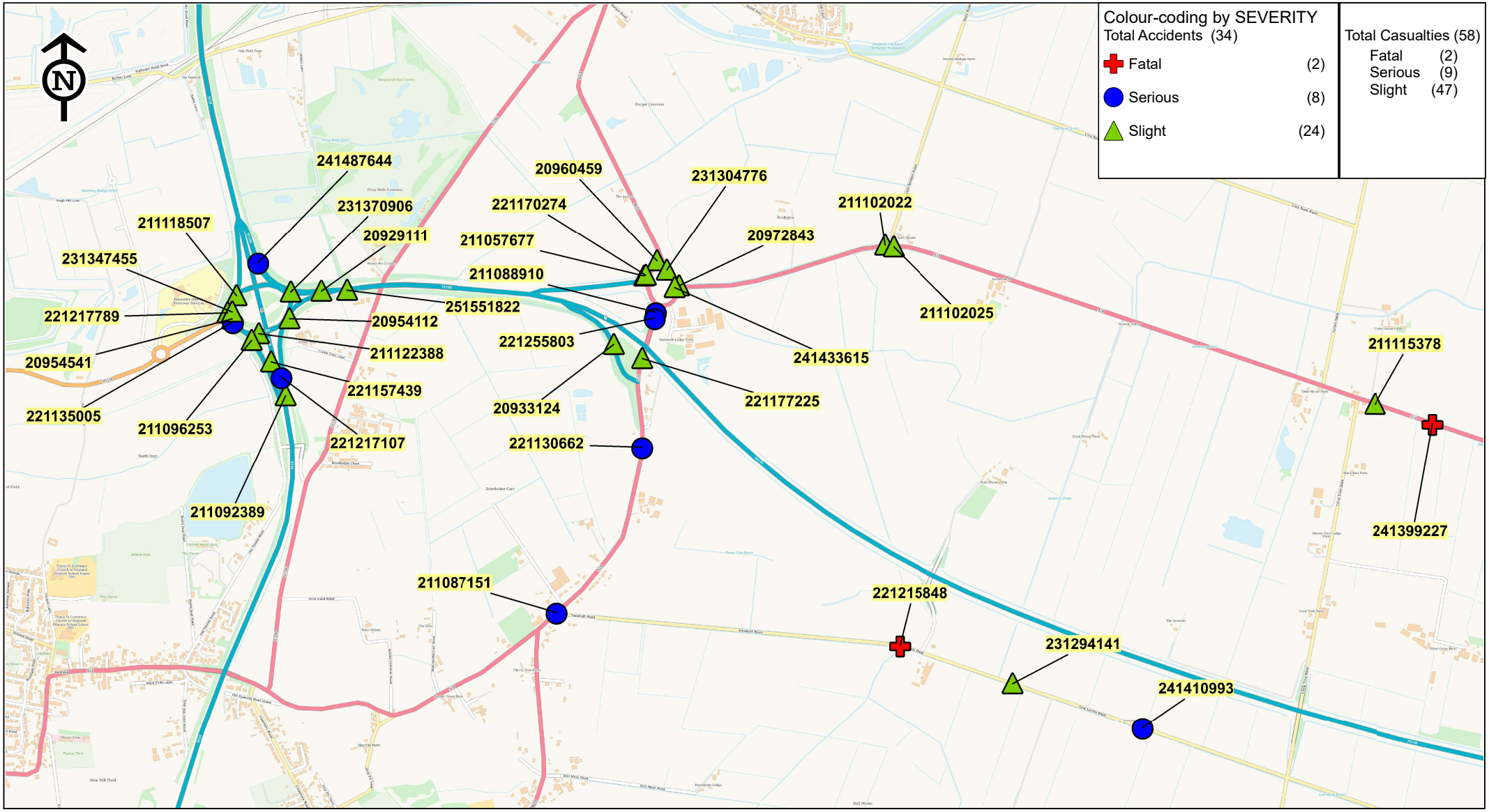
| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 1 | - | 57.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **01:00** | 2 | 59.8 | 52.5 | 7.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| **02:00** | 1 | - | 47.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **03:00** | 5 | 78.1 | 62.0 | 15.6 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 1 |
| **04:00** | 8 | 66.8 | 58.8 | 7.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 1 | 1 | 0 |
| **05:00** | 40 | 68.1 | 58.9 | 8.8 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 9 | 10 | 11 | 3 | 1 |
| **06:00** | 54 | 65.7 | 56.1 | 9.2 | 0 | 1 | 0 | 0 | 0 | 2 | 5 | 16 | 17 | 10 | 3 | 0 |
| **07:00** | 88 | 68.2 | 57.5 | 10.4 | 0 | 0 | 2 | 0 | 1 | 1 | 12 | 26 | 13 | 25 | 6 | 2 |
| **08:00** | 91 | 65.1 | 53.9 | 10.8 | 0 | 1 | 0 | 0 | 2 | 14 | 15 | 24 | 16 | 13 | 3 | 3 |
| **09:00** | 62 | 61.9 | 49.9 | 11.6 | 0 | 3 | 0 | 1 | 2 | 7 | 20 | 12 | 8 | 7 | 2 | 0 |
| **10:00** | 60 | 61.9 | 50.6 | 10.9 | 0 | 3 | 0 | 0 | 1 | 7 | 15 | 13 | 15 | 5 | 1 | 0 |
| **11:00** | 45 | 63.2 | 49.4 | 13.3 | 0 | 3 | 1 | 2 | 0 | 2 | 12 | 12 | 8 | 4 | 0 | 1 |
| **12:00** | 53 | 64.1 | 49.0 | 14.5 | 0 | 5 | 0 | 0 | 5 | 7 | 8 | 11 | 6 | 9 | 2 | 0 |
| **13:00** | 59 | 60.4 | 50.0 | 10.0 | 0 | 0 | 3 | 2 | 3 | 7 | 12 | 12 | 13 | 7 | 0 | 0 |
| **14:00** | 58 | 60.9 | 49.8 | 10.8 | 0 | 0 | 3 | 4 | 3 | 4 | 14 | 13 | 7 | 10 | 0 | 0 |
| **15:00** | 64 | 62.1 | 53.0 | 8.8 | 0 | 1 | 0 | 0 | 0 | 8 | 11 | 21 | 14 | 7 | 2 | 0 |
| **16:00** | 85 | 64.8 | 54.7 | 9.7 | 0 | 1 | 0 | 0 | 2 | 6 | 17 | 17 | 23 | 15 | 3 | 1 |
| **17:00** | 86 | 66.3 | 56.1 | 9.8 | 0 | 1 | 1 | 0 | 1 | 3 | 10 | 24 | 21 | 21 | 3 | 1 |
| **18:00** | 46 | 66.5 | 55.2 | 10.9 | 0 | 1 | 0 | 1 | 1 | 1 | 9 | 11 | 6 | 14 | 2 | 0 |
| **19:00** | 29 | 72.2 | 59.3 | 12.4 | 0 | 0 | 0 | 0 | 2 | 1 | 4 | 4 | 5 | 8 | 3 | 2 |
| **20:00** | 22 | 67.0 | 56.4 | 10.3 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 6 | 6 | 5 | 0 | 1 |
| **21:00** | 17 | 61.7 | 53.5 | 7.9 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 7 | 3 | 3 | 0 | 0 |
| **22:00** | 12 | 65.6 | 57.1 | 8.2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 5 | 4 | 0 | 0 |
| **23:00** | 2 | 93.7 | 66.3 | 26.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| **Total** | | | | | | | | | | | | | | | | |
| **2H(10-12)** | 105 | 62.5 | 50.1 | 11.9 | 0 | 6 | 1 | 2 | 1 | 9 | 27 | 25 | 23 | 9 | 1 | 1 |
| **2H(14-16)** | 122 | 61.7 | 51.5 | 9.9 | 0 | 1 | 3 | 4 | 3 | 12 | 25 | 34 | 21 | 17 | 2 | 0 |
| **12H(7-19)** | 797 | 64.5 | 52.9 | 11.2 | 0 | 19 | 10 | 10 | 21 | 67 | 155 | 196 | 150 | 137 | 24 | 8 |
| **24H(0-24)** | 990 | 65.2 | 53.8 | 11.1 | 0 | 20 | 10 | 12 | 24 | 71 | 181 | 242 | 201 | 181 | 34 | 14 |
| **AM Peak** | 08:00 | 03:00 | 03:00 | 03:00 | 00:00 | 09:00 | 07:00 | 11:00 | 08:00 | 08:00 | 09:00 | 07:00 | 06:00 | 07:00 | 07:00 | 08:00 |
| | **91** | **78.1** | **62.0** | **15.6** | **0** | **3** | **2** | **2** | **2** | **14** | **20** | **26** | **17** | **25** | **6** | **3** |
| **PM Peak** | 17:00 | 23:00 | 23:00 | 23:00 | 12:00 | 12:00 | 13:00 | 14:00 | 12:00 | 15:00 | 16:00 | 17:00 | 16:00 | 17:00 | 16:00 | 19:00 |
| | **86** | **93.7** | **66.3** | **26.5** | **0** | **5** | **3** | **4** | **5** | **8** | **17** | **24** | **23** | **21** | **3** | **2** |

**Paul Castle Associates**

**Direction: Total Flow**

| Hour Beginning | Total Volume | 85th Percentile | Mean Average | Standard Deviation | Bin 1 <10mph | Bin 2 10<20 | Bin 3 20<30 | Bin 4 30<35 | Bin 5 35<40 | Bin 6 40<45 | Bin 7 45<50 | Bin 8 50<55 | Bin 9 55<60 | Bin 10 60<70 | Bin 11 70<80 | Bin 12 >=80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **00:00** | 1 | - | 57.5 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **01:00** | 4 | 54.8 | 47.5 | 7.1 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| **02:00** | 2 | 69.1 | 56.3 | 12.4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| **03:00** | 7 | 74.8 | 60.4 | 14.0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | 1 |
| **04:00** | 13 | 66.8 | 59.6 | 6.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 1 | 0 |
| **05:00** | 53 | 67.3 | 57.3 | 9.7 | 0 | 0 | 0 | 0 | 2 | 2 | 7 | 12 | 13 | 12 | 4 | 1 |
| **06:00** | 114 | 63.4 | 54.1 | 9.0 | 0 | 1 | 0 | 0 | 4 | 9 | 16 | 37 | 25 | 17 | 5 | 0 |
| **07:00** | 218 | 63.4 | 54.5 | 8.5 | 0 | 0 | 2 | 1 | 3 | 4 | 52 | 76 | 33 | 38 | 7 | 2 |
| **08:00** | 191 | 62.8 | 52.9 | 9.6 | 0 | 1 | 1 | 0 | 5 | 23 | 46 | 55 | 26 | 25 | 6 | 3 |
| **09:00** | 174 | 57.9 | 47.7 | 9.9 | 0 | 5 | 1 | 2 | 18 | 37 | 48 | 30 | 20 | 10 | 3 | 0 |
| **10:00** | 134 | 57.5 | 47.4 | 9.8 | 0 | 4 | 1 | 5 | 10 | 27 | 38 | 22 | 20 | 6 | 1 | 0 |
| **11:00** | 138 | 58.6 | 46.4 | 11.8 | 0 | 8 | 4 | 2 | 15 | 21 | 32 | 32 | 15 | 8 | 0 | 1 |
| **12:00** | 134 | 59.3 | 47.6 | 11.3 | 0 | 5 | 1 | 3 | 17 | 31 | 20 | 28 | 14 | 12 | 3 | 0 |
| **13:00** | 135 | 58.7 | 47.9 | 10.5 | 0 | 2 | 6 | 8 | 11 | 16 | 28 | 32 | 21 | 11 | 0 | 0 |
| **14:00** | 167 | 58.4 | 48.2 | 9.9 | 0 | 2 | 5 | 5 | 17 | 24 | 39 | 45 | 17 | 11 | 1 | 1 |
| **15:00** | 187 | 59.5 | 50.3 | 8.8 | 0 | 3 | 1 | 1 | 6 | 36 | 37 | 55 | 31 | 15 | 2 | 0 |
| **16:00** | 228 | 62.5 | 52.4 | 9.7 | 0 | 2 | 4 | 1 | 4 | 34 | 40 | 59 | 49 | 27 | 7 | 1 |
| **17:00** | 228 | 63.1 | 53.4 | 9.3 | 0 | 1 | 3 | 2 | 2 | 26 | 41 | 60 | 51 | 35 | 5 | 2 |
| **18:00** | 119 | 64.2 | 53.4 | 10.3 | 0 | 2 | 0 | 1 | 3 | 12 | 27 | 26 | 19 | 25 | 3 | 1 |
| **19:00** | 69 | 66.1 | 54.1 | 11.6 | 0 | 0 | 0 | 0 | 9 | 8 | 9 | 11 | 15 | 11 | 4 | 2 |
| **20:00** | 45 | 64.4 | 52.8 | 11.2 | 0 | 1 | 0 | 1 | 3 | 4 | 4 | 14 | 9 | 8 | 0 | 1 |
| **21:00** | 34 | 59.4 | 51.0 | 8.1 | 0 | 0 | 0 | 1 | 3 | 3 | 5 | 14 | 4 | 4 | 0 | 0 |
| **22:00** | 27 | 61.7 | 49.4 | 11.9 | 0 | 1 | 0 | 1 | 4 | 3 | 4 | 3 | 7 | 4 | 0 | 0 |
| **23:00** | 4 | 77.7 | 59.4 | 17.7 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 1 |
| **Total 2H(10-12)** | 272 | 58.1 | 46.9 | 10.8 | 0 | 12 | 5 | 7 | 25 | 48 | 70 | 54 | 35 | 14 | 1 | 1 |
| **2H(14-16)** | 354 | 59.1 | 49.3 | 9.4 | 0 | 5 | 6 | 6 | 23 | 60 | 76 | 100 | 48 | 26 | 3 | 1 |
| **12H(7-19)** | 2053 | 61.2 | 50.6 | 10.2 | 0 | 35 | 29 | 31 | 111 | 291 | 448 | 520 | 316 | 223 | 38 | 11 |
| **24H(0-24)** | 2426 | 61.8 | 51.1 | 10.3 | 0 | 38 | 29 | 34 | 136 | 322 | 500 | 615 | 396 | 287 | 52 | 17 |
| **AM Peak** | 07:00 | 03:00 | 03:00 | 03:00 | 00:00 | 11:00 | 11:00 | 10:00 | 09:00 | 09:00 | 07:00 | 07:00 | 07:00 | 07:00 | 07:00 | 08:00 |
| | **218** | **74.8** | **60.4** | **14.0** | **0** | **8** | **4** | **5** | **18** | **37** | **52** | **76** | **33** | **38** | **7** | **3** |
| **PM Peak** | 16:00 | 23:00 | 23:00 | 23:00 | 12:00 | 12:00 | 13:00 | 13:00 | 12:00 | 15:00 | 17:00 | 17:00 | 17:00 | 17:00 | 16:00 | 17:00 |
| | **228** | **77.7** | **59.4** | **17.7** | **0** | **5** | **6** | **8** | **17** | **36** | **41** | **60** | **51** | **35** | **7** | **2** |

**Appendix D**




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AC0000828038.
South Yorkshire SRP

**Selected Range of Accidents between dates 01/01/2020 and 17/03/2025**
**Blue and Green Route data**

| | |
|---|---|
| SCALE | 1 : 22000 |
| DATE | 05/06/2025 |
| DRWG No. | **46002/411/LB** |
| DRN BY | [redacted] |
| | |

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

20929111 10/02/2020 Monday Time: 1405 Vehicles 2 Casualties 1 Slight
Easting: 467,386 Northing: 411,096
Fine with high winds Road Surface: Dry Daylight
Road Type: Dual carriageway Speed Limit: 70

Location: M180 EASTBOUND DONCASTER
Description: VEHICLE 1 TRAVELLING FROM DONCASTER TO THORNE ALONG THE M18 AND AT THE MOTO ROUNDABOUT TURNED OFF ONTO THE M180 IN THE MIDDLE LANE WHEN VEHICLE 2 WHO WAS IN THE OUTSIDE LANE PULLED INTO THE MIDDLE LANE COLLIDING WITH VEHICLE 1 OFFSIDE CAUSING VEHICLE 1 T O SPIN 360 ONTO THE CENTRAL RESERVATION. VEHICLE 2 STOPPED INITIALLY AND THE DRIVER SUGGESTED THEY MEET IN THE LAYBY FURTHER UP THE ROAD BUT WHEN VEHICLE 1 WENT TO THE LOCATION VEHICLE 2 HAD LEFT THEREFORE NO DETAILS EXCHANGED AND THE DRIVER OF VEHICLE 1 DID NOT MAKE A RECORD OF THE VRN. POSSIBLE CCTV ON MOTTO ROUNDABOUT WHICH MAY HAVCE CAPTURED VEHICLE 2 WHICH WAS A LORRY. DAMAGE TO OFFSIDE OF VEHICLE 1 WHICH IS ALL DENTED AND THE DRIVER IS COMPLAINING OF STIFF NECK AND IS SHAKEN FROM THE INCIDENT. NO WITNESSES. NO DASHCAM

Vehicle Reference: 1 Car Going ahead
First point of impact: Offside
Vehicle direction: W to E Journey: Journey as part of work
Age of Driver : 54 Breath test: Driver not contacted

Contributory Factors :

Casualty Reference: 1 Age: 54 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Goods vehicle - unknown Changing lane to left
First point of impact: Nearside
Vehicle direction: W to E Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors :

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

20933124 24/02/2020 Monday Time: 0710 Vehicles 2 Casualties 1 Slight
Easting: 468,609 Northing: 410,874
Raining without high winds Road Surface: Wet/Damp Daylight
Road Type: Slip road Speed Limit: 70

Location: M180 J1 WESTBOUND ENTRY DONCASTER
Description: VEHICLE 1 WAS ON A TWO LANE SLIP ROAD FIRSTLY IN THE LEFT LANE THEN SHE WENT INTO THE RIGHT HAND TO OVERTAKE A LORRY VEHICLE 1 HAS STAYED IN THE RIGHT HAND LANE ON THE SLIP ROAD, VEHICLE 2 A LORRY HAS THEN COME FROM THE LEFT HAND LANE INTO THE RIGHT HAND LANE HITTING VEHICLE 1'S PASSENGER SIDE DOOR AND WING MIRROR. BOTH VEHICLES HAVE JOINED THE MOTORWAY, VEHICLE 1 HAS FLASHED AND BEEPED VEHICLE 2 TO TRY AND STOP. VEHICLE 2 HAS JUST DRIVEN OFF. THE
N COME OFF AT THE MOTO SERVICES. AND PHONED 101. SHE HAS MANAGED TO OBTAIN VEHICLE 2 NUMBER PLATE

Vehicle Reference: 1 Car Going ahead
First point of impact: Nearside
Vehicle direction: SE to NW Journey: Other
Age of Driver : 38 Breath test: Not requested

Contributory Factors :

Casualty Reference: 1 Age: 38 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Goods vehicle - unknown Changing lane to right
First point of impact: Offside
Vehicle direction: SE to NW Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors :

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

20954112 26/05/2020 Tuesday Time: 1320 Vehicles 1 Casualties 4 Slight
Easting: 467,252 Northing: 410,981
Fine without high winds Road Surface: Dry Daylight
Road Type: Slip road Speed Limit: 70

Location: M18 J5 SOUTHBOUND ENTRY DONCASTER
Description: VEHICLE 1 SEEN SPEEDING ON THE M180 BY POLICE PATROL AND REQUESTED TO STOP. VEHICLE MAKES OFF FROM PATROL INCREASING TO SPEEDS NO LESS THEN 130MPH. UPON APPROACHING THE INTERSECTION WITH JUNCTION 5 M18 VEHICLE 1 FAILS TO AJUST HIS SPEED ACORDINGLY AND CO NNECTS WITH THE OFFSIDE KERB WHICH HAS SPUN HIM OFF TO THE NEARSIDE COMING OFF THE ROAD ONTO THE GRASS VERGE HITTING THE AMCO BARRIER AND KNOCKING DOWN A LAMP POST. HUMBERSIDE OFFICERS
E COLLISION HERE.

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

Vehicle Reference: 1 Car Going ahead left hand bend
First point of impact: Front
Vehicle direction: NE to SW Journey: Other
Age of Driver : 31 Breath test: Negative

Contributory Factors : 601 602 502

Casualty Reference: 1 Age: 4 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 2 Age: 5 Male Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 3 Age: 24 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 4 Age: 2 Male Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

20954541 01/06/2020 Monday Time: 1211 Vehicles 3 Casualties 1 Slight
Easting: 467,013 Northing: 410,980
Fine without high winds Road Surface: Dry Daylight
Road Type: Roundabout Speed Limit: 60

Location: M180 ROUNDABOUT DONCASTER AT OR NR JN WITH M180 DONCASTER NORTH SERVICES
Description: COLLISION ON ROUNDABOUT BETWEEN LGV AND TWO CARS

Vehicle Reference: 1 Goods >= 7.5 tonnes mgw Going ahead right hand bend
First point of impact: Offside
Vehicle direction: S to N Journey: Journey as part of work
Age of Driver : 22 Breath test: Negative

Contributory Factors : 405

Vehicle Reference: 2 Car Changing lane to left
First point of impact: Nearside
Vehicle direction: S to N Journey: Not known
Age of Driver : 43 Breath test: Negative

Contributory Factors : 405

Vehicle Reference: 3 Car Waiting to go ahead but held up
First point of impact: Nearside
Vehicle direction: S to N Journey: Not known
Age of Driver : 51 Breath test: Negative

Contributory Factors : 405

Casualty Reference: 1 Age: 52 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

20960459 28/06/2020 Sunday Time: 1425 Vehicles 1 Casualties 1 Slight
Easting: 468,789 Northing: 411,223
Fine without high winds Road Surface: Dry Daylight
Road Type: Dual carriageway Speed Limit: 60

Location: TUDWORTH ROAD (A614) DONCASTER
Description: VEHICLE NEGOTIATES ROUNDABOUT TOO FAST. LOSES CONTROL, MOUNTS WEARSIDE KERB AND ROLLS.

Vehicle Reference: 1 Car Turning left
First point of impact: Front
Vehicle direction: SW to N Journey: Other
Age of Driver : 18 Breath test: Negative

Contributory Factors : 601

Casualty Reference: 1 Age: 18 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

20972843 16/08/2020 Sunday Time: 1151 Vehicles 1 Casualties 1 Slight
Easting: 468,881 Northing: 411,118
Raining without high winds Road Surface: Wet/Damp Daylight
Road Type: Single carriageway Speed Limit: 60

Location: HIGH LEVELS BANK (A18) DONCASTER AT OR NR JN WITH TUDWORTH ROUNDABOUT (A18)
Description: VEHICLES HAS EXITED ROUNDBOUT (TUDWORTH ROUNABOUT) ONTO THE A18 TOWARDS SCUNTHORPE. AS THE VEHICLE HAS NEGIOTIATED THE CORNER EXITING THE ROUNDABOUT IT HAS EXITED THE ROAD AND THE VEHICLE HAS TURNED 180' AND ENDEDSIDEWAYS INTO A DITCH.

Vehicle Reference: 1 Car Turning left
First point of impact: Front
Vehicle direction: N to E Journey: Other
Age of Driver : 50 Breath test: Not requested

Contributory Factors : 103

Casualty Reference: 1 Age: 49 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211057677 17/06/2021 Thursday Time: 1830 Vehicles 2 Casualties 1 Slight
Easting: 468,736 Northing: 411,159
Fine without high winds Road Surface: Dry Daylight
Road Type: Slip road Speed Limit: 70

Location: M180 - 23 METRES FROM JUNCTION WITH TUDWORTH ROUNDABOUT (A18)
Description: V001 - STATIONARY AT THE TUDWORTH ROUNDABOUT FROM M180 TOWARDS GOOLE V002 - COLLIDED WITH REAR OF V001

Vehicle Reference: 1 Car Waiting to go ahead but held up
First point of impact: Back
Vehicle direction: SW to NE Journey: Not known
Age of Driver : 21 Breath test: Not requested

Contributory Factors :

Casualty Reference: 1 Age: 21 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Moving off
First point of impact: Front
Vehicle direction: SW to NE Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors :

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211087151 03/09/2021 Friday Time: 0842 Vehicles 2 Casualties 1 Serious
Easting: 468,370 Northing: 409,752
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 60

Location:
Description: VEHICLE 1 HAS ARRIVED AT A JUNCTION TO THE A18. AFTER LOOKING BOTH WAYS HE HAS PULLED OUT ONTO THE A18, MISSED SEEING A MOTORCYCLE (VEHICLE 2) WHICH HAS THEN COLLIDED WITH THE FRONT OF VEHICLE 1.

Vehicle Reference: 1 Goods vehicle - unknown Turning right
First point of impact: Front
Vehicle direction: E to NE Journey: Not known
Age of Driver : 32 Breath test: Negative

Contributory Factors : 602

Vehicle Reference: 2 Motorcycle - unknown cc Going ahead
First point of impact: Front
Vehicle direction: SW to NE Journey: Not known
Age of Driver : 56 Breath test: Not provided (medical)

Contributory Factors : 602

Casualty Reference: 1 Age: 56 Male Driver/rider Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211088910 17/09/2021 Friday Time: 1845 Vehicles 2 Casualties 1 Serious
Easting: 468,784 Northing: 411,008
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 40

Location: TUDWORTH ROAD (A18) - 41 METRES FROM JUNCTION WITH TUDWORTH ROUNDABOUT (A18)
Description: MOTORBIKE TRAVELLING AROUND THE ROUNDABOUT IN THE OUTSIDE LANE WHEN A VEHICLE HAS THEN ALIGHTED FROM THE JUNCTION TO JOIN THE ROUNDABOUT AND HAS THEN COLLIDED WITH THE BIKE CAUSING THE BIKE TO FALL ON ITS SIDE AND THE RIDER AND PILLION PASSENGER TO COME OFF . PILLION PASSENGER SUSPECTED TO HAVE A COUPLE OF BROKEN FINGERS DRIVER APPEARS FINE WITH JUST SUPERFICIAL CUTS AND ACHING

Vehicle Reference: 1 Car Moving off
First point of impact: Offside
Vehicle direction: N to NE Journey: Commuting to/from work
Age of Driver : 37 Breath test: Negative

Contributory Factors : 405

Vehicle Reference: 2 Motorcycle over 500cc Going ahead
First point of impact: Nearside
Vehicle direction: N to NE Journey: Other
Age of Driver : 65 Breath test: Negative

Contributory Factors : 405

Casualty Reference: 1 Age: 63 Female Passenger Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211092389 24/09/2021 Friday Time: 1029 Vehicles 3 Casualties 2 Slight
Easting: 467,236 Northing: 410,660
Fine without high winds Road Surface: Dry Daylight
Road Type: Dual carriageway Speed Limit: 70

Location: M18 SOUTHBOUND - 45 METRES FROM JUNCTION WITH M180
Description: IT WOULD APPEAR THAT VEHICLE 2 HAS ENTERED THE MOTORWAY AT JUNCTION 5 AND MISJUDGED THE SPEED OF VEHICLE 1 AND COLLIDED WITH THE REAR OF IT LOSING CONTROL AND CAUSING VEHICLE 3 TO RUN INTO THE BACK OF HER. VEHICLE 2 SUBSEQUENTLY OVERTURNED AND DRIVER SU STAINED MINOR INJURIES WHILST VEHICLE 3 TRYING TO AVOID THE COLILSION COLLIDED WITH THE CENTRAL BARRIER CAUSING MINOR WHIPLASH TYPE INJURIES

Vehicle Reference: 1 Goods vehicle - unknown Going ahead
First point of impact: Back
Vehicle direction: N to S Journey: Journey as part of work
Age of Driver : 53 Breath test: Not requested

Contributory Factors : 602

Vehicle Reference: 2 Car Changing lane to right
First point of impact: Front
Vehicle direction: N to S Journey: Other
Age of Driver : 38 Breath test: Negative

Contributory Factors : 602

Casualty Reference: 1 Age: 38 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

Vehicle Reference: 3 Car Going ahead
First point of impact: Front
Vehicle direction: N to S Journey: Other
Age of Driver : 51 Breath test: Negative

Contributory Factors : 602

Casualty Reference: 2 Age: 51 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211096253 28/09/2021 Tuesday Time: 1420 Vehicles 2 Casualties 1 Slight
Easting: 467,095 Northing: 410,891
Unknown Road Surface: Dry Daylight
Road Type: Dual carriageway Speed Limit: 70

Location: M18
Description: VEHICLE 1 LEAVING THE MOTO SERVICES AND WAITING IN TRAFFIC IN THE RIGHT HAND LANE AT THE ROUNDABOUT JUNCTION M18, JUNCTION 5. VEHICLE 1 SET OFF TO ENTER THE ROUNDABOUT AND THEN BRAKED AND VEHICLE 2 HIT THE REAR OF VEHICLE 1. THE DRIVER OF VEHICLE 1 SUSTA
INED WHIPLASH AND SOUGHT MEDICAL ATTENTION HE HAS A SPRAINED NECK.
BOTH DRIVERS HAVE EXCHANGED DETAILS NOW BUT RECORDED DUE TO

Vehicle Reference: 1 Car Going ahead
First point of impact: Front
Vehicle direction: SE to NW Journey: Other
Age of Driver : 29 Breath test: Not requested

Contributory Factors :

Casualty Reference: 1 Age: 29 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Going ahead
First point of impact: Back
Vehicle direction: SE to NW Journey: Not known
Age of Driver : 37 Breath test: Not requested

Contributory Factors :

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211102025 24/10/2021 Sunday Time: 2350 Vehicles 1 Casualties 1 Slight
Easting: 469,777 Northing: 411,281
Fine without high winds Road Surface: Wet/Damp Darkness: street lights present and lit
Road Type: Single carriageway Speed Limit: 60

Location: HIGH LEVELS BANK (A18) NEAR JUNCTION WITH DOUBLE BRIDGES ROAD
Description: COLLISION OCCURED WHEN DRIVER OF VEHCILE 1 HIT A RAISED AREA WHICH WAS UNLIT. THIS CAUSED THE DRIVER TO LOSE CONTROL OF THE VEHICLE TO THE OFFSIDE. THE VEHICLE SKIDDED AND OVERTURNED COMING TO A HALT IN A DITCH

Vehicle Reference: 1 Car Going ahead right hand bend
First point of impact: Front
Vehicle direction: E to W Journey: Not known
Age of Driver : 57 Breath test: Negative

Contributory Factors : 101

Casualty Reference: 1 Age: 57 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211102022 25/10/2021 Monday Time: 0050 Vehicles 1 Casualties 1 Slight
Easting: 469,741 Northing: 411,288
Raining without high winds Road Surface: Wet/Damp Darkness: no street lighting
Road Type: Single carriageway Speed Limit: 60

Location: HIGH LEVELS BANK (A18) NEAR JUNCTION WITH DOUBLE BRIDGES ROAD
Description: COLLISION OCCURRED WHEN VEHICLE 1 WAS TRAVELLING ALONG THE A18 FROM TUDWORTH ROUNDABOUT IN THE DIRECTION OF SANDTOFT WHEN IT WAS DESCRIBED THERE WAS A VEHICLE TRAVELLING IN THE OPPOSITE DIRECTION, ON THE WRONG SIDE OF THE ROAD WITH NO LIGHTS ON. THE DRI VER OF VEHICLE 1 THEN SWERVED TO AVOID THIS VEHICLE AND CLIPPED A TRAFFIC ISLAND WHICH IS POORLY LIT. THIS HAS CAUSED THE VEHICLE TO LOSE CONTROL AND LEAVE THE ROAD TO THE NEARSIDE. VEHICLE 1 OVERTURNED NUMEROUS TIMES. DRIVER WAS BREATHALYSED AT SCENE.

Vehicle Reference: 1 Car Going ahead right hand bend
First point of impact: Front
Vehicle direction: W to E Journey: Not known
Age of Driver : 20 Breath test: Negative

Contributory Factors : 108 601 103

Casualty Reference: 1 Age: 20 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211115378 29/11/2021 Monday Time: 0700 Vehicles 2 Casualties 1 Slight
Easting: 471,790 Northing: 410,625
Other Road Surface: Frost/Ice Daylight
Road Type: Single carriageway Speed Limit: 60

Location: HIGH LEVELS BANK (A18) - 21 METRES FROM JUNCTION WITH UNCLASSIFIED ROAD
Description: VEHICLE 1 WAS TRAVELLING ON THE A18 FROM HUMBERSIDE AREA TO SOUTH YORKSHIRE AREA, IT HAS THEN LOST CONTROL AT THE REAR AND SPUN INTO THE MIDDLE OF THE ROAD AND HAS BEEN UNABLE TO STOP, VEHICLE 2 WHICH WAS TRAVELLING FROM THORNE AREA TOWARDS HUMBERSIDE HA
S THEN COLLIDED WITH VEHICLE 1.

Vehicle Reference: 1 Car Going ahead
First point of impact: Offside
Vehicle direction: E to W Journey: Not known
Age of Driver : 30 Breath test: Negative

Contributory Factors : 410

Casualty Reference: 1 Age: 30 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Going ahead
First point of impact: Front
Vehicle direction: W to E Journey: Other
Age of Driver : 66 Breath test: Negative

Contributory Factors : 410

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211118507 06/12/2021 Monday Time: 1732 Vehicles 2 Casualties 2 Slight
Easting: 467,031 Northing: 411,077
Raining without high winds Road Surface: Wet/Damp Darkness: no street lighting
Road Type: Roundabout Speed Limit: 70

Location: M18 0- JUNCTION 5
Description: WHILST NEGOTIATING THE ROUNDABOUT AT JUNCTION 5 IT WOULD APPEAR THAT THE FOREIGN REGISTERED HGV (VEHICLE 1) HAS COLLIDED WITH THE NEARSIDE OF VEHICLE 2 THAT WAS TRAVELLING IN THE CENTER LANE, IT WOULD APPEAR THAT THIS IS DOWN TO VEHICLE POSSTION ON THE R OAD BY THE FOREIGN REGIOSTERED VEHICLE. MINOR INJURIES RESULTED

Vehicle Reference: 1 Goods >= 7.5 tonnes mgw Going ahead
First point of impact: Offside
Vehicle direction: W to E Journey: Journey as part of work
Age of Driver : 34 Breath test: Negative

Contributory Factors : 405

Vehicle Reference: 2 Car Going ahead
First point of impact: Nearside
Vehicle direction: E to W Journey: Other
Age of Driver : 23 Breath test: Negative

Contributory Factors : 405

Casualty Reference: 1 Age: 23 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 2 Age: 29 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211122388 14/12/2021 Tuesday Time: 0950 Vehicles 2 Casualties 1 Slight
Easting: 467,124 Northing: 410,919
Fine without high winds Road Surface: Wet/Damp Daylight
Road Type: Roundabout Speed Limit: 70

Location: M180 - 62 METRES FROM JUNCTION WITH M18
Description: V001 ON ROUNDABOUT WHEN HIT BY HGV CAUSING HER TO CRASH INTO ARMCO BARRIER.

Vehicle Reference: 1 Goods >= 7.5 tonnes mgw Changing lane to left
First point of impact: Nearside
Vehicle direction: E to W Journey: Journey as part of work
Age of Driver : 43 Breath test: Negative

Contributory Factors : 406

Vehicle Reference: 2 Car Going ahead
First point of impact: Back
Vehicle direction: E to W Journey: Journey as part of work
Age of Driver : 29 Breath test: Negative

Contributory Factors : 406

Casualty Reference: 1 Age: 29 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

221130662 11/01/2022 Tuesday Time: 0620 Vehicles 2 Casualties 2 Serious
Easting: 468,727 Northing: 410,446
Fine without high winds Road Surface: Dry Darkness: no street lighting
Road Type: Single carriageway Speed Limit: 60

Location: TUDWORTH ROAD (A18) - 75 METRES FROM JUNCTION WITH UNCLASSIFIED ROAD
Description: VEHICLE 1 HAS BEEN DRIVING ALONG TUDWORTH ROAD, HATFIELD TOWARDS THE M180. VEHICLE 2 HAS BEEN DRIVING ALONG TUDWORTH ROAD, HATFIELD AWAY FROM THE M180 AND HAS COLLIDED WITH VEHICLE 1.

Vehicle Reference: 1 Car Going ahead
First point of impact: Front
Vehicle direction: S to N Journey: Commuting to/from work
Age of Driver : 37 Breath test: Negative

Contributory Factors : 602

Vehicle Reference: 2 Car Going ahead
First point of impact: Front
Vehicle direction: N to S Journey: Commuting to/from work
Age of Driver : 73 Breath test: Not requested

Contributory Factors : 602

Casualty Reference: 1 Age: 73 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 2 Age: 57 Female Passenger Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

221135005 21/01/2022 Friday Time: 1611 Vehicles 1 Casualties 1 Serious
Easting: 467,016 Northing: 410,967
Fine without high winds Road Surface: Wet/Damp Darkness: street lights present and lit
Road Type: Roundabout Speed Limit: 60

Location: M18 ROUNDABOUT NEAR JUNCTION WITH SERVICES
Description: V1 HAS BEEN TRAVELLING FROM JUNCTION 5 OF THE M18 TOWARDS STAINFORTH. AS THE VEHICLE HAS APPROACHED THE ROUNDABOUT TO THE JUNCTION 5 SERVICES, IT IS BELIEVED THAT THE DRIVER OF V1 HAS HAD A DIABETIC ATTACK AND GONE INTO HYPOGLYCEMIA, THEREFORE GOING STRA IGHT TO THE LEFT OF THE R/A AND DOWN A BANKING COLLIDING WITH A WOODEN FENCE.

Vehicle Reference: 1 Car Going ahead left hand bend
First point of impact: Front
Vehicle direction: SE to NW Journey: Other
Age of Driver : 58 Breath test: Not requested

Contributory Factors : 505

Casualty Reference: 1 Age: 58 Female Driver/rider Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

221157439 25/03/2022 Friday Time: 1325 Vehicles 2 Casualties 5 Slight
Easting: 467,176 Northing: 410,801
Fine without high winds Road Surface: Dry Daylight
Road Type: Dual carriageway Speed Limit: 70

Location: M18 - 192 METRES FROM JUNCTION WITH M180, DONCASTER, DONCASTER
Description: VEHICLE 1 TRAVELLING IN LANE 1 OF THE M18 AND SLOWS DUE TO TRAFFIC. DRIVER OF VEHICLE 1 CHECKS HIS REAR VIEW MIRROR TO SEE VEHICLE 2 APPROACHING AT SPEED. DRIVER OF VEHICLE 1 TRIES TO DRIVE AWAY IN TO LANE 2 BUT VEHICLE 2 COLLIDES WITH VEHICLE 1.

Vehicle Reference: 1 Car Slowing or Stopping
First point of impact: Back
Vehicle direction: S to N Journey: Other
Age of Driver : 49 Breath test: Negative

Contributory Factors : 406 405

Casualty Reference: 1 Age: 46 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 2 Age: 14 Male Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 3 Age: 12 Male Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 4 Age: 10 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020** **and** **17/03/2025** **(63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

Vehicle Reference: 2 Goods vehicle - unknown Changing lane to left
First point of impact: Front
Vehicle direction: S to N Journey: Journey as part of work
Age of Driver : 21 Breath test: Negative

Contributory Factors : 406 405

Casualty Reference: 5 Age: 30 Male Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

221170274 26/04/2022 Tuesday Time: 1048 Vehicles 2 Casualties 2 Slight
Easting: 468,742 Northing: 411,162
Fine without high winds Road Surface: Dry Daylight
Road Type: Slip road Speed Limit: 60

Location: M180 NEAR JUNCTION WITH TUDWORTH ROUNDABOUT (A18), DONCASTER
Description: VEHICLE 1 HAS COME OFF JUNCTION 1 OF THE M180 OF THE DIRECTION OF TUDWORTH ROUNDERBOUT, VEHICLE 1 THEN COMES TO A STOP AT THE JUNCTION. VEHICLE 2 FOLLOWS VEHICLE 1 AND ON APPROACH TO THE JUNCTION VEHICLE 2 HAS THEN CRASHED INTO THE BACK OF VEHICLE 1.

Vehicle Reference: 1 Car Waiting to turn left
First point of impact: Back
Vehicle direction: SW to NE Journey: Journey as part of work
Age of Driver : 32 Breath test: Negative

Contributory Factors : 509

Casualty Reference: 1 Age: 32 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Goods vehicle - unknown Going ahead
First point of impact: Front
Vehicle direction: SW to E Journey: Journey as part of work
Age of Driver : 28 Breath test: Negative

Contributory Factors : 509

Casualty Reference: 2 Age: 28 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

221177225 13/05/2022 Friday Time: 2328 Vehicles 2 Casualties 2 Slight
Easting: 468,727 Northing: 410,815
Fine without high winds Road Surface: Dry Darkness: no street lighting
Road Type: Single carriageway Speed Limit: 60

Location: TUDWORTH ROAD (A18), HATFIELD, DONCASTER, DONCASTER
Description: VEHICLE 1 HAS BEEN TRAVELING TOWARDS TUDWORTH ROUNDABOUT AND FOR REASONS UNKNOWN V1 HAS CROSSED THE CENTRE OF THE CARRIAGEWAY AND COLLIDED HEAD ON WITH V2 WHICH WAS TRAVELLING IN THE OPPOSITE DIRECTION. BOTH DRIVERS SUFFERED INJURIES CONSTANT WITH AIR
BAG DEPLOYMENT.

Vehicle Reference: 1 Goods vehicle - unknown Going ahead
First point of impact: Front
Vehicle direction: SW to NE Journey: Other
Age of Driver : 18 Breath test: Not requested

Contributory Factors : 602

Casualty Reference: 1 Age: 18 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Going ahead
First point of impact: Front
Vehicle direction: NE to SW Journey: Commuting to/from work
Age of Driver : 21 Breath test: Not requested

Contributory Factors : 602

Casualty Reference: 2 Age: 21 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

221215848 05/09/2022 Monday Time: 1825 Vehicles 2 Casualties 5 Fatal
Easting: 469,803 Northing: 409,615
Fine without high winds Road Surface: Dry Darkness: no street lighting
Road Type: Single carriageway Speed Limit: 60

Location: LOW LEVELS BANK - HATFIELD, DONCASTER, DONCASTER
Description: V1 TRAVELLING AT SPEED FAILS TO NAVIGATE BEND IN ROAD AND COLLIDES WITH V2

Vehicle Reference: 1 Car Going ahead left hand bend
First point of impact: Front
Vehicle direction: E to W Journey: Not known
Age of Driver : 52 Breath test: Not requested

Contributory Factors : 306

Casualty Reference: 1 Age: 52 Male Driver/rider Severity: Fatal
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020** **and** **17/03/2025** **(63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

Vehicle Reference: 2 Car — Going ahead right hand bend
First point of impact: Front
Vehicle direction: W to E — Journey: Not known
Age of Driver : 18 — Breath test: Negative

Contributory Factors : 306

Casualty Reference: 2 Age: 18 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 3 Age: 19 Male Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 4 Age: 17 Male Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 5 Age: 18 Male Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

221217107 07/09/2022 Wednesda Time: 2200 Vehicles 2 Casualties 1 Serious
Easting: 467,219 Northing: 410,738
Fine without high winds Road Surface: Wet/Damp Darkness: street lights present and lit
Road Type: Dual carriageway Speed Limit: 70

Location: M18 - 125 METRES FROM JUNCTION WITH M180, DONCASTER, DONCASTER
Description: VEHICLE 1 WAS DRIVING ALONG THE SOUTHBOUND CARRIAGEWAY BETWEEN JUNCTIONS 4 AND 5. VEHICLE 1 WAS IN THE LEFT HAND LANE AND WAS INDICATING TO MOVE INTO THE RIGHT HAND LANE DUE TO OTHER CARS IN FRONT. VEHICLE 2 WHICH WAS TRAVELLING IN THE RIGHT HAND LANE BEHIND VEHICLE 1 FLASHED VEHICLE 1 TO LET HIM PULL OUT. ONCE HE HAD PULLED OUT INTO RIGHT HAND LANE VEHICLE 2 THEN SUDDENLY SPED UP AND HIT VEHICLE 1 TO THE REAR. VEHICLE 1 DRIVER INDICATED AND PULLED OVER
ED AS IF THEY WERE GOING TO PULL OVER PULLED INTO LEFT LANE AS IF THEY WERE GOING TO STOP BUT THEN AS THEY GOT TO THE FRONT OF VEHICLE 1 THEY SPED OFF ALONG THE MOTORWAY WITHOUT STOPPING OR LEAVING ANY DETAILS. VEHICLE 1 DRIVER WAS UNABLE TO GET A REG
ISTRATION NUMBER OF VEHICLE 2 BUT STATES IT WAS A 4X4 WITH CIRCLE HEADLIGHTS AND SQUARE REAR LIGHTS WAS SHINY BLACK NEW CAR POSSIBLY JEEP WRANGLER OR SIMILAR. CALLER IS UNSURE IF THERE IS ANY CCTV ON THAT STRETCH OF THE ROAD OR IF THERE ARE ANY OTHER RE

Vehicle Reference: 1 Car Going ahead
First point of impact: Back
Vehicle direction: N to S Journey: Not known
Age of Driver : 23 Breath test: Not requested

Contributory Factors : 307 308 406

Casualty Reference: 1 Age: 23 Male Driver/rider Severity: Serious

Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Changing lane to right
First point of impact: Front
Vehicle direction: N to S Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors : 307 308 406

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

221217789 10/09/2022 Saturday Time: 0845 Vehicles 2 Casualties 2 Slight
Easting: 466,994 Northing: 411,005
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 30

Location: SERVICE ROAD NEAR JUNCTION WITH M18 / M180, DONCASTER
Description: V001 - STATIONARY AT THE M18 / M180 ROUNDABOUT FROM THE SERVICES
V002 - COLLIDED WITH REAR OF V001 DETAILS EXCHANGED - INJURY FROM BOTH DRIVERS

Vehicle Reference: 1 Car Waiting to go ahead but held up
First point of impact: Back
Vehicle direction: SW to NE Journey: Other
Age of Driver : 36 Breath test: Not requested

Contributory Factors :

Casualty Reference: 1 Age: 36 Female Driver/rider Severity: Slight

Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Slowing or Stopping
First point of impact: Front
Vehicle direction: SW to NE Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors :

Casualty Reference: 2 Age: Female Driver/rider Severity: Slight

Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

221255803 19/12/2022 Monday Time: 1716 Vehicles 2 Casualties 2 Serious
Easting: 468,780 Northing: 410,984
Fine without high winds Road Surface: Wet/Damp Darkness: street lights present and lit
Road Type: Single carriageway Speed Limit: 60

Location: TUDWORTH ROAD (A18), HATFIELD, DONCASTER
Description: VEHICLE 1 HAS SLOWED DOWN COMING TO A ROUNDABOUT AFTER COMING OFF THE M180 TO WAIT FOR ANOTHER CAR ALREADY ON THE ROUNDABOUT TO PASS. VEHICLE 2 HAS FAILED TO SEE VEHICLE 1 STOP AT THE ROUNDABOUT AND HAS HIT THE REAR END OF THE VEHICLE 1.

Vehicle Reference: 1 Car Slowing or Stopping
First point of impact: Back
Vehicle direction: S to N Journey: Not known
Age of Driver : 22 Breath test: Not requested

Contributory Factors : 406

Casualty Reference: 1 Age: 22 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 2 Age: 19 Female Passenger Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Slowing or Stopping
First point of impact: Front
Vehicle direction: S to N Journey: Not known
Age of Driver : 38 Breath test: Not requested

Contributory Factors : 406

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

231294141 05/04/2023 Wednesda Time: 1840 Vehicles 2 Casualties 2 Slight
Easting: 470,275 Northing: 409,455
Raining without high winds Road Surface: Wet/Damp Darkness: no street lighting
Road Type: Single carriageway Speed Limit: 60

Location: LOW LEVELS BANK - HATFIELD, DONCASTER
Description: VEHICLE 1 RED FIAT 500 - TRAVELLING IN THE DIRECTION FROM SANDTOFT ROAD/GREEN TREE INN. VEHICLE 2 BLACK VAUXHALL TIGRA TRAVELLING IN THE DIRECTION OF SANDTOFT. 2 HAS GONE ONTO THE WRONG SIDE OF THE ROAD HITTING VEHICLE 1 HEAD ON. VEHICLE 1 HAS LEFT THE ROAD HITTING A FARMERS FIELD UPSIDE DOWN. VEHICLE 2 HAS REMAINED ON THE ROAD. ROAD SURFACE WAS WET AND APPEARED TO HAVE OIL ON THE SURFACE.

Vehicle Reference: 1 Car Going ahead
First point of impact: Front
Vehicle direction: NE to NW Journey: Not known
Age of Driver : 18 Breath test: Not requested

Contributory Factors : 501 707 103 103

Casualty Reference: 1 Age: 18 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Going ahead
First point of impact: Front
Vehicle direction: NW to NE Journey: Not known
Age of Driver : 45 Breath test: Positive

Contributory Factors : 501 707 103 103

Casualty Reference: 2 Age: 45 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

231304776 06/05/2023 Saturday Time: 1832 Vehicles 2 Casualties 1 Slight
Easting: 468,830 Northing: 411,184
Raining without high winds Road Surface: Wet/Damp Daylight
Road Type: Roundabout Speed Limit: 60

Location: TUDWORTH ROUNDABOUT (A18) AT JUNCTION WITH TUDWORTH ROAD (A614), HATFIELD, DONCASTER
Description: VICTIM HAS BEEN LEAVING THE M180 ONTO THE ROUNDABOUT AT TUDWORTH CORNER IN A BLACK VW TIGUAN, WHILST ON THE ROUNDABOUT AS THEY WERE TURNING RIGHT, A SILVER PICK UP TRUCK, WITH A COVERED BOX AREA, POSSIBLY A FORD RANGER HAS COME FROM THE THORNE DIRECTION HEADING TOWARDS HATFIELD AND NOT STOPPED AT THE ROUNDABOUT JUNCTION. THE VW TIGUAN HAS ATTEMPTED TO SWERVE TO AVOID THE VEHICLE AND MOUNTED THE KERB, THE SILVER PICK UP HAS STILL HIT THE VW. THE SILVER PICK UP HAD DAMAGE TO THE WING MIRROR AND HAS DRIVEN OFF FROM THE SCENE. NO DETAILS WERE EXCHANGED BETWEEN DRIVERS. THE VW HAS SUSTAINED BLOWN TYRES AND AIR BAGS DEPLOYED. REPORTING OFFICERS OBSERVATIONS AND NOTES - VISITED THE INCIDENT SITE, THE MARKS THAT HAVE BEEN LEFT BY TYRES AND DEBRIS ON THE ROA D FROM THE INCIDENT MATCH THE DESCRIPTION OF TRAVEL AND INCIDENT DESCRIPTION GIVEN BY THE VICTIM.

Vehicle Reference: 1 Car Going ahead right hand bend
First point of impact: Back
Vehicle direction: W to SE Journey: Not known
Age of Driver : 44 Breath test: Not requested

Contributory Factors : 602 302

Casualty Reference: 1 Age: 11 Male Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Going ahead
First point of impact: Front
Vehicle direction: NW to SE Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors : 602 302

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

231347455 31/08/2023 Thursday Time: 1451 Vehicles 3 Casualties 2 Slight
Easting: 467,013 Northing: 411,009
Fine without high winds Road Surface: Dry Daylight
Road Type: Roundabout Speed Limit: 30

Location:
Description:

Vehicle Reference: 1 Car Overtaking moving vehicle on its offside
First point of impact: Front
Vehicle direction: E to N Journey: Not known
Age of Driver : Breath test:

Contributory Factors : 901

Vehicle Reference: 2 Car Overtaking stationary vehicle on its offside
First point of impact: Front
Vehicle direction: E to N Journey: Journey as part of work
Age of Driver : 34 Breath test:

Contributory Factors : 901

Casualty Reference: 2 Age: 34 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement : Not pedestrian
Ped Location: Not pedestrian

Vehicle Reference: 3 Car Slowing or Stopping
First point of impact: Back
Vehicle direction: S to N Journey: Commuting to/from work
Age of Driver : 48 Breath test:

Contributory Factors : 901

Casualty Reference: 1 Age: 48 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement : Not pedestrian
Ped Location: Not pedestrian

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

231370906 05/11/2023 Sunday Time: 1430 Vehicles 2 Casualties 1 Slight
Easting: 467,258 Northing: 411,092
Fine without high winds Road Surface: Wet/Damp Daylight
Road Type: Slip road Speed Limit: 70

Location: M180 - 47 METRES FROM JUNCTION WITH M180, DONCASTER
Description: BOTH VEHICLES WERE ON THE M18 SOUTHBOUND AND LEFT AT JUNCTION 5 SLIP ROAD. AT THE TOP OF THE SLIP ROAD IS A SET OF TRAFFIC LIGHTS BEFORE ENTERING THE ROUNDABOUT. V1 WAS IN FRONT WITH V2 BEHIND, THEY STOPPED AT THE TRAFFIC LIGHTS. WHEN THE LIGHTS CH ANGED TO GREEN V1 PULLED AWAY ONTO THE ROUNDABOUT AND FOR AN UNKNOWN REASON IT BRAKED HARD CAUSING V2 TO COLLIDE WITH THE REAR OF V1. V2 WAS TOWING A HORSE BOX WITH A HORSE INSIDE.

Vehicle Reference: 1 Car Moving off
First point of impact: Back
Vehicle direction: E to W Journey: Not known
Age of Driver : 35 Breath test: Negative

Contributory Factors : 406 408

Casualty Reference: 1 Age: 46 Male Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Moving off
First point of impact: Front
Vehicle direction: E to W Journey: Not known
Age of Driver : 26 Breath test: Negative

Contributory Factors : 406 408

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

241399227 16/01/2024 Tuesday Time: 1940 Vehicles 3 Casualties 2 Fatal
Easting: 472,030 Northing: 410,544
Fine without high winds Road Surface: Wet/Damp Darkness: no street lighting
Road Type: Single carriageway Speed Limit: 60

Location:
Description: V1 TRAVELS A18 AWAY FROM TUDWORTH WHEN IT IS STRUCK HEAD ON BY V2 TRAVELLING THE OTHER WAY, WHO IS OVERTAKING V3. RIDER OF V1 PRONOUNCED DECEASED AT THE SCENE. (V3 DOES NOT REMAIN AT SCENE -

Vehicle Reference: 1 Motorcycle over 50cc and up Going ahead
First point of impact: Front
Vehicle direction: W to E Journey: Not known
Age of Driver : 20 Breath test: Not provided (medical)

Contributory Factors : 405

Casualty Reference: 1 Age: 20 Male Driver/rider Severity: Fatal
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Overtaking moving vehicle on its offside
First point of impact: Front
Vehicle direction: E to W Journey: Not known
Age of Driver : 22 Breath test: Negative

Contributory Factors : 405

Casualty Reference: 2 Age: 22 Male Driver/rider Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

Vehicle Reference: 3 Goods vehicle - unknown Going ahead
First point of impact: Did not impact
Vehicle direction: E to W Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors : 405

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241410993 17/02/2024 Saturday Time: 1119 Vehicles 2 Casualties 1 Serious
Easting: 470,818 Northing: 409,270
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 60

Location: LOW LEVELS BANK, HATFIELD, DONCASTER
Description: V1 HAS BEEN DRIVING PAST A SCHOOL OF CYCLISTS. WHEN HE HAS OVERTAKEN AND REVERSES INTO HIS DRIVEWAY. THIS MANEUVER HAS CAUSED THE CYCLISTS TO STOP IN WHICH THE IP HAS FALLEN FROM THEIR BIKE ONTO THE FLOOR, CAUSING INJURIES TO HIS FACE.

Vehicle Reference: 1 Car Reversing
First point of impact: Did not impact
Vehicle direction: E to W Journey: Other
Age of Driver : 55 Breath test: Negative

Contributory Factors : 407 405

Vehicle Reference: 2 Pedal cycle Slowing or Stopping
First point of impact: Front
Vehicle direction: E to W Journey: Other
Age of Driver : Breath test: Not provided (medical)

Contributory Factors : 407 405

Casualty Reference: 1 Age: Male Driver/rider Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

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**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

241433615 19/04/2024 Friday Time: 1630 Vehicles 1 Casualties 2 Slight
Easting: 468,863 Northing: 411,111
Fine without high winds Road Surface: Dry Daylight
Road Type: Speed Limit: 60

Location: TUDWORTH ROUNDABOUT (A18) - 25 METRES FROM JUNCTION WITH HIGH LEVELS BANK (A18), HATFIELD, DONCASTER
Description: VEHICLE 1 WAS DRIVING ALONG THE ROUNDABOUT AND ALLEGED AN UNKNOWN VEHICLE CUT HIM UP ON THE ROUNDABOUT, RESULTING IN VEHICLE 1 HAVING TO SWERVE OUT OF THE WAY, DRIVING UP ONTO THE CURB AND HITTING THE LAMP POST. OTHER UNKNOWN VEHICLE DROVE OFF AND DID N OT STOP. NO DETAILS OF THIS VEHICLE, NO WITNESSES STOPPED.

Vehicle Reference: 1 Car Changing lane to left
First point of impact: Front
Vehicle direction: N to S Journey: Not known
Age of Driver : 33 Breath test: Not requested

Contributory Factors : 704

Casualty Reference: 1 Age: 33 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 2 Age: 26 Male Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

241487644 30/07/2024 Tuesday Time: 1045 Vehicles 2 Casualties 3 Serious
Easting: 467,122 Northing: 411,215
Fine without high winds Road Surface: Dry Daylight
Road Type: Slip road Speed Limit: 60

Location: M18 - JUNCTION 5 WITH M180, DONCASTER
Description: V1 WAS ON THE MOTORWAY TAKING JUNCTION 5, THEY SLOWED DOWN AS ALWAYS WHEN ENTERING A SLIP ROAD TO JOIN ANOTHER ROAD. V1 WAS ON THE SLIP ROAD JUNCTION 5, V2 INFRONT HAD SLAMMED ON THIER BREAKS AND LEFT TYRE MARKS, LEADING V1 TO SLAM ON THE BREAKS, V1 DRIV ER TRIED TO AVOID A COLLISION BY STEARING TO THE RIGHT BUT UNFORTUNATELY HIT THE BACK OF V2. V2 DRIVER CAME OUT OF V2 AT THE SAME TIME AS V1 DRIVER EXITED V1 AND V1 DRIVER SAID 'ARE YOU OK?' AND V2 DRIVER SAID 'YEAH IM FINE, IT WAS THE CAR INFRONT, HES D

ROVE OFF NOW. HE SLAMMED ON, LEADING ME TO SLAM ON' AND THATS WHEN V1 DRIVER SAID 'LEADING ME TO SLAM ON AND HIT THE BACK OF YOU'. DURING THIS CHILDREN PASSENGERS IN V1 WERE CRYING, IN PAIN AND ALSO IN SHOCK AND SCARED AS THEY DIDNT KNOW WHAT HAPPENED.

WHILST V1 DRIVER WAS CALMING SON AND DAUGHTER DOWN, V2 TOOK PICTURES ASKED FOR V1 INSURANCE. V1 DRIVER SENT DETAILS ACROSS THE ONCES SHE COULD FIND. V1 DRIVER SPENT ALL DAY IN A&E, LATER THAT DAY V1 DRIVER RANG AND MESSAGED V2 DRIVER FOR INSURANCE DETAIL

**Accidents between dates** **01/01/2020** **and** **17/03/2025** **(63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

Vehicle Reference: 1 Car Going ahead
First point of impact: Front
Vehicle direction: N to S Journey: Other
Age of Driver : 31 Breath test: Driver not contacted

Contributory Factors :

Casualty Reference: 1 Age: 31 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 2 Age: 5 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 3 Age: 3 Male Passenger Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Slowing or Stopping
First point of impact: Back
Vehicle direction: N to S Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors :

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

251551822 07/02/2025 Friday Time: 1205 Vehicles 3 Casualties 1 Slight
Easting: 467,493 Northing: 411,100
Fine without high winds Road Surface: Wet/Damp Daylight
Road Type: Dual carriageway Speed Limit: 70

Location: M180 - 114 METRES FROM JUNCTION WITH M180, DONCASTER
Description: VEHICLE 1 HAS BEEN TRAVELLING ALONG THE M180 WESTBOUND. UPON APPROACH TO THE ROUNDABOUT AT JUNCTION 5 OF THE M18, TRAFFIC WAS QUEUEING AND STATIONARY. VEHICLE 1 WAS IN LANE 2 AND HAS FAILED TO SEE THAT VEHICLE 2, A PETROL TANKER WAS STATIONARY. VEHICLE 1 HAS ATTEMPTED TO SWERVE AT THE LAST MINUTE BUT HAS COLLIDED WITH THE REAR OFFSIDE OF THE TANKER. THIS HAS CAUSED VEHICLE 1 TO LOSE ITS TRAILER WHICH WAS CARRYING A CAR. VEHICLE 1 HAS THEN CONTINUED IN LANE 3 WHERE IT HAS COLLIDED WITH THE REAR OF VEHIC

LE 3 WHICH WAS ALSO STATIONARY. THE DRIVER OF VEHICLE 1 HAS FAILED TO REMAIN AT THE SCENE LEAVING HIS HEAVILY DAMAGED VEHICLE, TRAILER AND CAR BEING CARRIED IN SITU. THE DRIVER OF VEHICLE 3 HAS GONE TO HOSPITAL WITH BACK PAIN AND A HEADACHE FROM BANGING

HIS HEAD IN THE COLLISION. INJURIES ARE NOT LIFE THREATENING OR LIFE ALTERING.

Vehicle Reference: 1 Goods vehicle - unknown Going ahead
First point of impact: Front
Vehicle direction: E to W Journey: Not known
Age of Driver : 41 Breath test: Driver not contacted

Contributory Factors : 602 509 701

Vehicle Reference: 2 Other Vehicle Waiting to go ahead but held up
First point of impact: Back
Vehicle direction: E to W Journey: Journey as part of work
Age of Driver : 60 Breath test: Negative

Contributory Factors : 602 509 701

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

Vehicle Reference: 3 Goods vehicle - unknown Waiting to go ahead but held up
First point of impact: Back
Vehicle direction: E to W Journey: Journey as part of work
Age of Driver : 48 Breath test: Negative

Contributory Factors : 602 509 701

Casualty Reference: 1 Age: 48 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

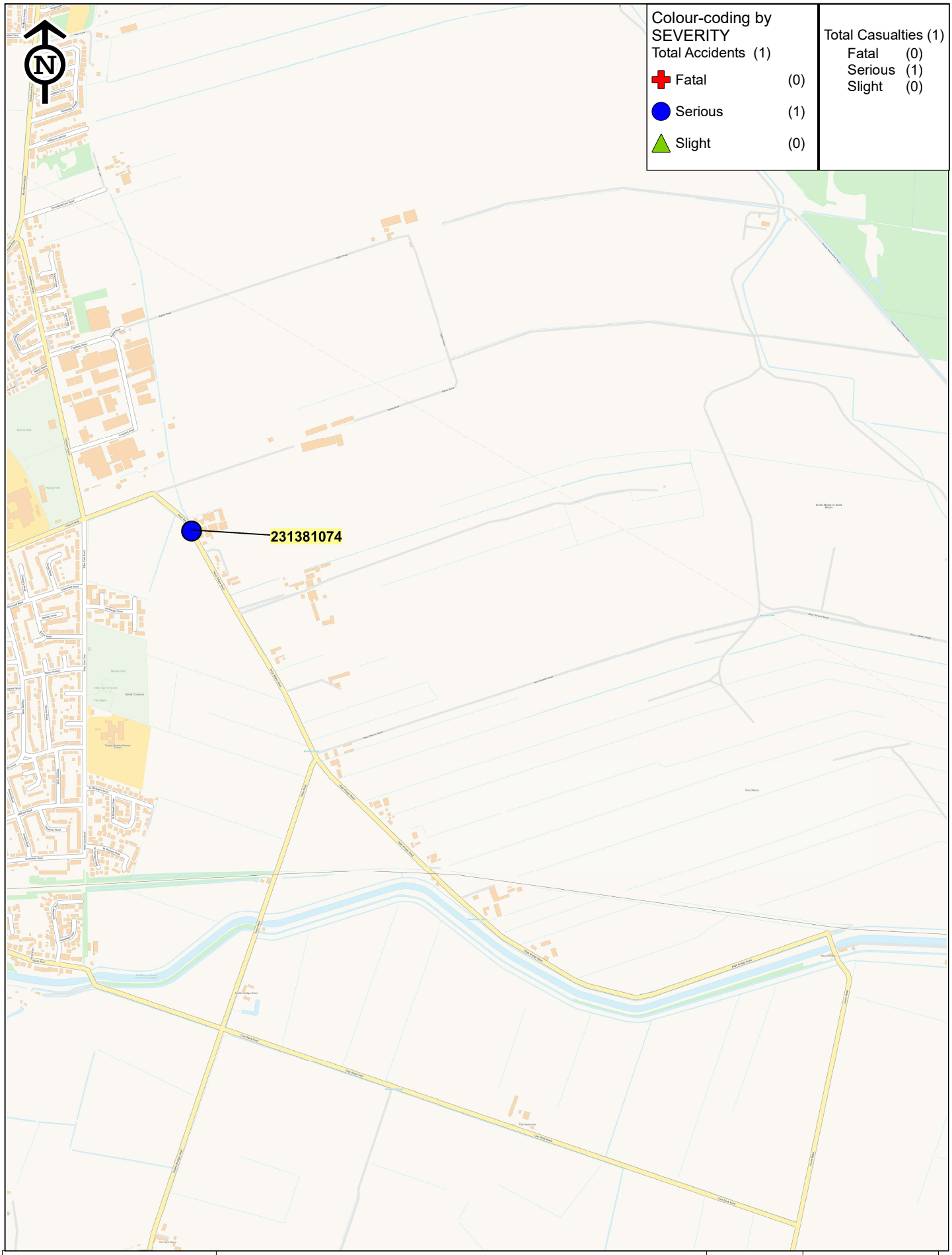
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Accidents involving:

| | Fatal | Serious | Slight | Total |
|---|---|---|---|---|
| Motor vehicles only excluding 2-wheels | 1 | 5 | 24 | 30 |
| 2-wheeled motor vehicles | 1 | 2 | 0 | 3 |
| Pedal cycles | 0 | 1 | 0 | 1 |
| Horses & other | 0 | 0 | 0 | 0 |
| Total | 2 | 8 | 24 | 34 |

Casualties:

| | Fatal | Serious | Slight | Total |
|---|---|---|---|---|
| Vehicle driver | 1 | 4 | 27 | 32 |
| Passenger | 0 | 4 | 20 | 24 |
| Motorcycle rider | 1 | 1 | 0 | 2 |
| Cyclist | 0 | 1 | 0 | 1 |
| Pedestrian | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Total | 2 | 9 | 47 | 58 |




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**Selected Range of Accidents between dates 01/01/2020 and 17/03/2025**
**Moor Edges Rd & HIgh Bridge Rd**

| | |
|---|---|
| SCALE | 1 : 15000 |
| DATE | 05/06/2025 |
| DRWG No. | **46002/411/LB** |
| DRN BY | [redacted] |

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

231381074 30/11/2023 Thursday Time: 1805 Vehicles 1 Casualties 1 Serious
Easting: 469,888 Northing: 413,455
Raining without high winds Road Surface: Wet/Damp Darkness: street lights present and lit
Road Type: Single carriageway Speed Limit: 60

Location: MOOR EDGES ROAD THORNE, DONCASTER
Description: DRIVER HAS LOST CONTROL ON A SLIPPY, UNLIT BACK ROAD. VEHICLE HAS SPUN AND SLID INTO A DITCH.

Vehicle Reference: 1 Car Going ahead
First point of impact: Nearside
Vehicle direction: N to S Journey: Not known
Age of Driver : 32 Breath test: Negative

Contributory Factors : 707

Casualty Reference: 1 Age: 5 Male Passenger Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

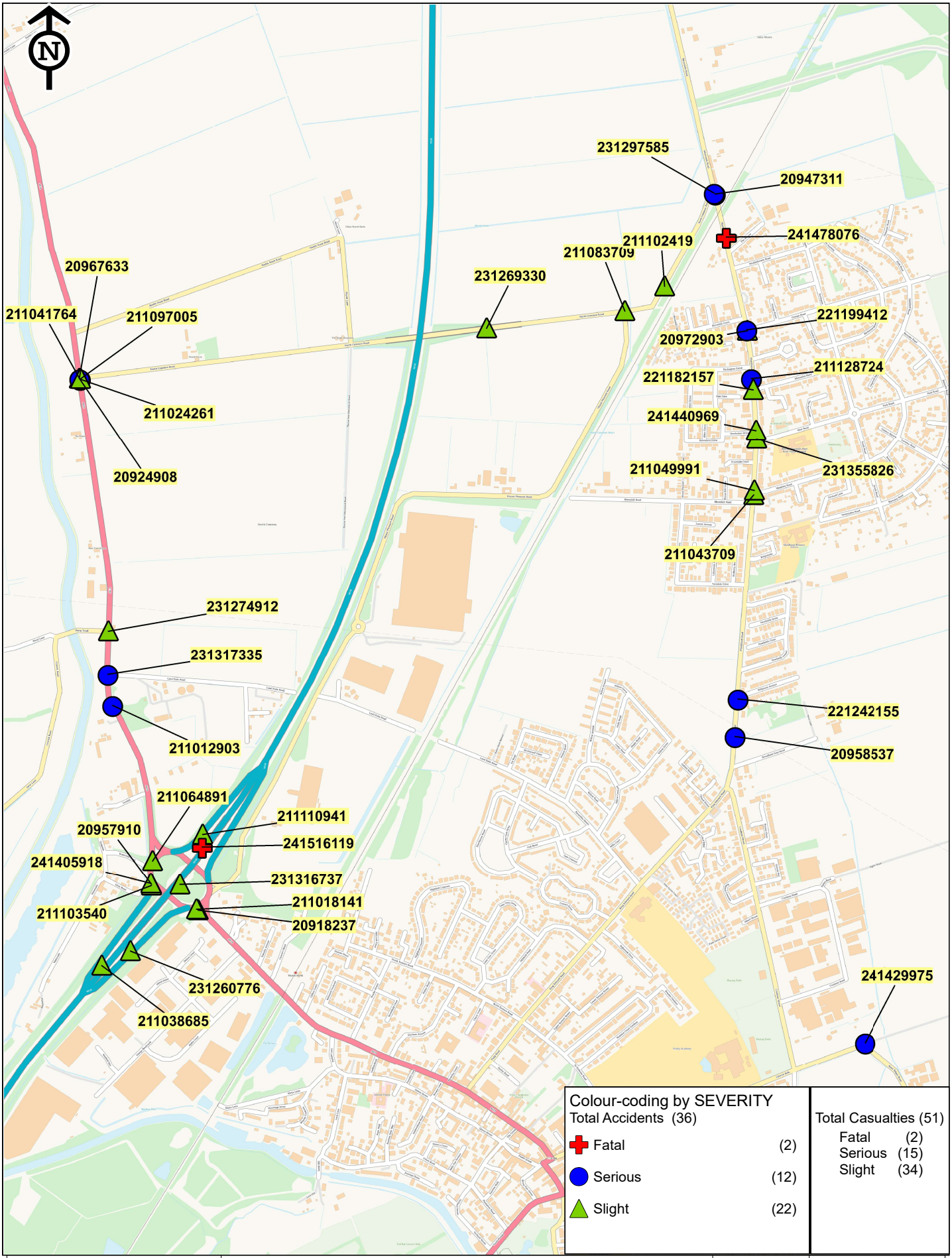
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Accidents involving:

| | Fatal | Serious | Slight | Total |
|---|---|---|---|---|
| Motor vehicles only excluding 2-wheels | 0 | 1 | 0 | 1 |
| 2-wheeled motor vehicles | 0 | 0 | 0 | 0 |
| Pedal cycles | 0 | 0 | 0 | 0 |
| Horses & other | 0 | 0 | 0 | 0 |
| Total | 0 | 1 | 0 | 1 |

Casualties:

| | Fatal | Serious | Slight | Total |
|---|---|---|---|---|
| Vehicle driver | 0 | 0 | 0 | 0 |
| Passenger | 0 | 1 | 0 | 1 |
| Motorcycle rider | 0 | 0 | 0 | 0 |
| Cyclist | 0 | 0 | 0 | 0 |
| Pedestrian | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Total | 0 | 1 | 0 | 1 |




Colour-coding by SEVERITY
Total Accidents (36)

| | |
|---|---|
| Fatal | (2) |
| Serious | (12) |
| Slight | (22) |

Total Casualties (51)

| | |
|---|---|
| Fatal | (2) |
| Serious | (15) |
| Slight | (34) |

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**Selected Range of Accidents between dates 01/01/2020 and 17/03/2025 Yellow Route Collision data**

| | |
|---|---|
| SCALE | 1 : 15000 |
| DATE | 05/06/2025 |
| DRWG No. | 46002/411/LB |
| DRN BY | [redacted] |

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

20918237 12/01/2020 Sunday Time: 1245 Vehicles 2 Casualties 1 Slight
Easting: 467,780 Northing: 413,966
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 60

Location: SELBY ROAD (A614) DONCASTER AT OR NR JN WITH WATERSIDE ROUNDABOUT (A614)
Description: V1 HEADING TOWARD DONCASTER ON SELBY ROAD, THORNE, TOWARD THE M18, WHEN V2 RAN INTO THE BACK OF V1 , AT THE ROUNDABOUT FOR THE M18. THE PASSENGER GOT OUT OF V2, AND ASKED THE DRIVER OF V1 TO FOLLOW THEM, BUT THEY DROVE OFF. REGISTRATION NUMBER OBTA INED FOR V2. THE DRIVER OF V2 IS DESCRIBED AS WHITE, FEMALE, MID 30S, WITH BLOND HAIR WEARING SPECTACLES. WEATHER FINE AND DRY, VISIBILITY GOOD.

Vehicle Reference: 1 Car Waiting to turn left
First point of impact: Back
Vehicle direction: SE to SW Journey: Other
Age of Driver : 40 Breath test: Not provided (medical)

Contributory Factors :

Casualty Reference: 1 Age: 40 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Going ahead
First point of impact: Front
Vehicle direction: SE to NW Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors :

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

20924908 29/01/2020 Wednesda Time: 2130 Vehicles 2 Casualties 3 Serious
Easting: 467,426 Northing: 415,556
Unknown Road Surface: Dry Darkness: no street lighting
Road Type: Single carriageway Speed Limit: 60

Location: SELBY ROAD (A614) DONCASTER AT OR NR JN WITH NORTH COMMON ROAD
Description: VEHICLE 1 HAS BEEN TRAVELLING ALONG SELBY ROAD WHEN VEHICLE 2 HAS PULLED OUT OF THE JUNCTION AT NORTH COMMON ROAD COLLIDING WITH VEHICLE 1.

Vehicle Reference: 1 Car Going ahead
First point of impact: Front
Vehicle direction: N to S Journey: Not known
Age of Driver : 21 Breath test: Not requested

Contributory Factors : 405

Casualty Reference: 1 Age: 21 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 2 Age: 31 Male Passenger Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Moving off
First point of impact: Front
Vehicle direction: E to W Journey: Not known
Age of Driver : 26 Breath test: Not requested

Contributory Factors : 405

Casualty Reference: 3 Age: 26 Female Driver/rider Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

20947311 21/04/2020 Tuesday Time: 1922 Vehicles 2 Casualties 2 Serious
Easting: 469,328 Northing: 416,111
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 30

Location: MOORENDS ROAD DONCASTER AT OR NR JN WITH NORTH COMMON ROAD
Description: V01 TRAVELLING ON GOOLE ROAD IN DIRECTION OF MOORENDS, FOLLOWED BY V002 IN CONVOY. V001 INITIATED A RIGHT TURN ONTO NORTH COMMON ROAD AS V002 COMMENCES AN OVERTAKE. COLLISION OCCURRED IN CENTRE OF CARRIAGEWAY. NO ROAD FURNITURE DAMAGE

Vehicle Reference: 1 Motorcycle over 500cc Turning right
First point of impact: Offside
Vehicle direction: N to SW Journey: Other
Age of Driver : 30 Breath test: Negative

Contributory Factors : 602

Casualty Reference: 1 Age: 30 Male Driver/rider Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Motorcycle over 50cc and up Overtaking moving vehicle on its offside
First point of impact: Front
Vehicle direction: N to S Journey: Other
Age of Driver : 19 Breath test: Negative

Contributory Factors : 602

Casualty Reference: 2 Age: 19 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

20957910 14/06/2020 Sunday Time: 1400 Vehicles 2 Casualties 1 Slight
Easting: 467,640 Northing: 414,044
Fine without high winds Road Surface: Dry Daylight
Road Type: Slip road Speed Limit: 70

Location: M18 J6 NORTHBOUND EXIT DONCASTER AT OR NR JN WITH WATERSIDE ROUNDABOUT (A614)
Description: V1 HAS BEEN WAITING AT M18 JUNCTION NORTH EXIT SLIP ROAD ROUNDABOUT WHEN V2 HAS COLLIDED INTO THE REAR OF IT .

Vehicle Reference: 1 Car Waiting to go ahead but held up
First point of impact: Back
Vehicle direction: SW to N Journey: Other
Age of Driver : 53 Breath test: Not requested

Contributory Factors : 602

Vehicle Reference: 2 Car Slowing or Stopping
First point of impact: Front
Vehicle direction: SW to N Journey: Other
Age of Driver : 29 Breath test: Negative

Contributory Factors : 602

Casualty Reference: 1 Age: 11 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

20958537 18/06/2020 Thursday Time: 1650 Vehicles 2 Casualties 1 Serious
Easting: 469,387 Northing: 414,486
Raining with high winds Road Surface: Wet/Damp Daylight
Road Type: Single carriageway Speed Limit: 40

Location: MARSHLAND ROAD DONCASTER
Description: IP HAS BEEN RIDING HIS BIKE IN CONVOY WITH A FRIEND ON THEIR BIKE ALSO. THE DRIVER OF THE BMW HAS SEEN ONE BIKE GO PAST AND DECIDED TO PULL OUT BUT COLLIDED WITH CAS, CAUSING HIM TO SUFFER HEAVY BLEEDING FROM HIS LEG. CAS TELLS OFFICERS THAT BOTH PAR
TIES WERE EQUALLY AT FAULT AND THAT THE BMW DRIVER HAS OFFERED TO PAY FOR THE DAMAGE TO HIS BIKE.

Vehicle Reference: 1 Car Moving off
First point of impact: Front
Vehicle direction: S to N Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors :

Vehicle Reference: 2 Pedal cycle Going ahead
First point of impact: Front
Vehicle direction: N to S Journey: Not known
Age of Driver : 43 Breath test: Not applicable

Contributory Factors :

Casualty Reference: 1 Age: 43 Male Driver/rider Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

20967633 25/07/2020 Saturday Time: 1035 Vehicles 2 Casualties 1 Slight
Easting: 467,424 Northing: 415,558
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 60

Location: SELBY ROAD (A614) DONCASTER AT OR NR JN WITH NORTH COMMON ROAD
Description: VEHICLE 2 WAS TURNING RIGHT ONTO SELBY FROM NORTH COMMON ROAD AS HE DID SO HE COLLIDED WITH AN ONCOMING VEHICLE (VEHICLE 1) THAT WAS TRAVELLING IN THE DIRECTION TOWARDS SUTTON BRIDGE. VEHICLE 1 TRIED TO AVERT A COLLISION AND ONLY GLANCED VEHICLE 2 ON ITS NEAR SIDE, VEHICLE 1 ENDED UP IN THE DITCH AT THE SIDE OF THE ROAD. HEDGES BELONGING TO THE THIRD PARTY LANDOWNER WERE ALSO DAMAGED. VEHICLE 1 FRONT SEAT PASSENGER SUSTAINED MINOR INJURIES TO HER HAND.

Vehicle Reference: 1 Car Going ahead
First point of impact: Offside
Vehicle direction: S to N Journey: Not known
Age of Driver : 24 Breath test: Negative

Contributory Factors : 406 405

Casualty Reference: 1 Age: 25 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Turning right
First point of impact: Nearside
Vehicle direction: E to N Journey: Not known
Age of Driver : 83 Breath test: Negative

Contributory Factors : 406 405

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

20972903 16/08/2020 Sunday Time: 1530 Vehicles 2 Casualties 2 Slight
Easting: 469,424 Northing: 415,701
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 30

Location: MARSHLAND ROAD DONCASTER AT OR NR JN WITH GRANGE ROAD
Description: V1 WAS TURNING AROUND AT THE MOUTH OF JUNCTION GRANGE ROAD/MARSHLAND ROAD IN ORDER TO HEAD IN THE DIRECTION HEADING OUT OF MOORENDS. HE'S LOOKED AND INDICATED TO MAKE A TURN BUT V2 WHICH WAS TRAVELLING IN THE DIRECTION COMING INTO MOORENDS, ALONG MARSHLA
ND ROAD, COLLIDED WITH V1. BOTH VEHICLES ENDED UP TOGETHER SIDE BY SIDE ACROSS THE ROAD ON THE SIDE OF THE PREMIER SHOP. DRIVER OF V1 HAS A BRUISE ON HIS ARM FROM THE COLLISION BUT IS OTHERWISE OKAY. THE YOUNG DAUGHTER OF THE DRIVER OF V2 COMPLAINED OF A
VERY MINOR LEG INJURY. SHE WILL BE GOING TO DRI WITH HER MOTHER TO BE CHECKED OVER.

Vehicle Reference: 1 Car U turn
First point of impact: Offside
Vehicle direction: N to N Journey: Not known
Age of Driver : 46 Breath test: Not requested

Contributory Factors : 406 405

Casualty Reference: 1 Age: 46 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Going ahead
First point of impact: Front
Vehicle direction: N to S Journey: Not known
Age of Driver : 32 Breath test: Not requested

Contributory Factors : 406 405

Casualty Reference: 2 Age: 13 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211012903 04/01/2021 Monday Time: 2220 Vehicles 1 Casualties 1 Serious
Easting: 467,524 Northing: 414,579
Other Road Surface: Wet/Damp Darkness: street lighting unknown
Road Type: Single carriageway Speed Limit: 60

Location: SELBY ROAD (A614) - 93 METRES FROM JUNCTION WITH LAND ENDS ROAD
Description: CALLER STATES HE HAS BEEN DRIVING DOWN THE ROAD WHEN SOMETHING HAS SHOT OUT OF A BUSH, CALLER HAS BRAKED HARD AND AT FIRST ON THE INCIDENT STATES HIS BACK END HAS SLID AND CAR WENT IN A DITCH, IT THEN STATES THAT CALLER HAS HIT A FENCE AND GONE INTO A ST
EEP DYKE THEN A 10 FT EMBAKEMENT IS MENTIONED. CALLER HAS A DISLOCATED SHOULDER, CUT HEAD, CUT FINGERS AND STATES HE PASSES OUT AFTER THE ACCIDENT.

Vehicle Reference: 1 Car Going ahead
First point of impact: Back
Vehicle direction: N to S Journey: Not known
Age of Driver : 23 Breath test: Not requested

Contributory Factors : 410

Casualty Reference: 1 Age: 23 Male Driver/rider Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211018141 28/01/2021 Thursday Time: 0830 Vehicles 2 Casualties 1 Slight
Easting: 467,775 Northing: 413,969
Fine without high winds Road Surface: Wet/Damp Daylight
Road Type: Single carriageway Speed Limit: 60

Location: SELBY ROAD (A614) NEAR JUNCTION WITH SELBY ROAD (A614)
Description: V1 HIT FROM BEHIND BY V2 ON SELBY ROAD THORNE - EXCHANGED DETAILS BUT DRIVER OF V1 HAS INJURIES

Vehicle Reference: 1 Car Waiting to go ahead but held up
First point of impact: Back
Vehicle direction: SE to NW Journey: Not known
Age of Driver : 31 Breath test: Not requested

Contributory Factors : 308

Casualty Reference: 1 Age: 31 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Goods vehicle - unknown Going ahead
First point of impact: Front
Vehicle direction: SE to NW Journey: Journey as part of work
Age of Driver : Breath test: Not requested

Contributory Factors : 308

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211024261 26/02/2021 Friday Time: 1150 Vehicles 2 Casualties 1 Serious
Easting: 467,427 Northing: 415,556
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 60

Location: SELBY ROAD (A614) AT JUNCTION WITH NORTH COMMON ROAD
Description: BOTH VEHICLE 1 AND 2 TRAVELLING ALONG SELBY ROAD A614 AWAY FROM DIRECTION OF M18 TOWARDS SELBY. VEHICLE 1 OVERTAKES A SLOW MOVING TRACTOR AND MOVES ONTO CORRECT SIDE OF ROAD BEFORE THEN COMMENCING RIGHT HAND TURN ONTO NORTH COMMON ROAD. VEHICLE 2 ALSO
OVERTAKING SLOW MOVING TRACTOR AND STARTS TO COMMENCE OVERTAKE OFF VEHICLE 1 AND COLLIDES INTO OFFSIDE OF VEHICLE 1. VEHICLE 2 EXITS ROAD INTO FIELD ON OFFSIDE.

Vehicle Reference: 1 Car Turning right
First point of impact: Offside
Vehicle direction: S to E Journey: Journey as part of work
Age of Driver : 37 Breath test: Negative

Contributory Factors : 405 405

Vehicle Reference: 2 Motorcycle over 500cc Overtaking moving vehicle on its offside
First point of impact: Front
Vehicle direction: S to N Journey: Other
Age of Driver : 45 Breath test: Not provided (medical)

Contributory Factors : 405 405

Casualty Reference: 1 Age: 45 Male Driver/rider Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211038685 24/04/2021 Saturday Time: 1025 Vehicles 2 Casualties 2 Slight
Easting: 467,491 Northing: 413,801
Fine without high winds Road Surface: Dry Daylight
Road Type: Dual carriageway Speed Limit: 70

Location: M18 - 104 METRES FROM JUNCTION WITH M18, NB JCT 6
Description: VEHICLE 2 TRAVELLING LANE 1 OR 2 M18 NB, VEHICLE 1 OVERTAKES AND CUTS BACK INTO LEFT HAND LANE COLLIDING WITH VEHICLE 2

Vehicle Reference: 1 Car Changing lane to left
First point of impact: Nearside
Vehicle direction: SW to NE Journey: Journey as part of work
Age of Driver : 38 Breath test: Negative

Contributory Factors : 406

Casualty Reference: 1 Age: 38 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Going ahead
First point of impact: Front
Vehicle direction: SW to NE Journey: Other
Age of Driver : 66 Breath test: Negative

Contributory Factors : 406

Casualty Reference: 2 Age: 66 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211041764 01/05/2021 Saturday Time: 1148 Vehicles 2 Casualties 1 Serious
Easting: 467,425 Northing: 415,557
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 60

Location: SELBY ROAD (A614) AT JUNCTION WITH NORTH COMMON ROAD
Description: V1 TURNED ACROSS V2 CAUSING COLLISION.

Vehicle Reference: 1 Car Turning right
First point of impact: Front
Vehicle direction: S to E Journey: Other
Age of Driver : 21 Breath test: Negative

Contributory Factors : 405

Vehicle Reference: 2 Motorcycle over 50cc and up Going ahead
First point of impact: Front
Vehicle direction: N to S Journey: Other
Age of Driver : 53 Breath test: Not provided (medical)

Contributory Factors : 405

Casualty Reference: 1 Age: 53 Male Driver/rider Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211043709 09/05/2021 Sunday Time: 1338 Vehicles 2 Casualties 1 Slight
Easting: 469,443 Northing: 415,209
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 30

Location: MARSHLAND ROAD AT JUNCTION WITH WEMBLEY ROAD
Description: V1 ARRIVED AT JUNCTION AND FAILED TO SEE CYCLIST ON MAIN ROAD AND COLLIDED WITH THE SIDE OF THEM KNOCKING THEM OFF

Vehicle Reference: 1 Car Turning left
First point of impact: Offside
Vehicle direction: E to S Journey: Other
Age of Driver : 31 Breath test: Negative

Contributory Factors :

Vehicle Reference: 2 Pedal cycle Going ahead
First point of impact: Nearside
Vehicle direction: N to S Journey: Other
Age of Driver : 64 Breath test: Not applicable

Contributory Factors :

Casualty Reference: 1 Age: 64 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211049991 27/05/2021 Thursday Time: 1000 Vehicles 2 Casualties 1 Slight
Easting: 469,445 Northing: 415,222
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 30

Location: MARSHLAND ROAD NEAR JUNCTION WITH WEMBLEY ROAD
Description: VEH 1 WAS DRIVING AT THE T JUNCTION AROUND 5 METRES BEHIND - VEH 2 CUT HIM OFF HITTING FRONT DRIVERS SIDE, VEH 2 DROVE AWAY. AN AMBULANCE WAS CALLED SO AFTER 4 HOURS ON THE SCENE HE WENT HOME AND THE AMBULANCE WENT THERE . VEH 1 HAS DASHCAM FOOTAGE W AN IMAGE. A NEIGHBOUR CONFIRMS WHO IT WAS A WITNESS HAS THE REGISTRATION NUMBER. THE AIR BAGS WERE DEPLOYED

Vehicle Reference: 1 Car Going ahead
First point of impact: Front
Vehicle direction: N to S Journey: Not known
Age of Driver : 54 Breath test: Not requested

Contributory Factors : 403

Casualty Reference: 1 Age: 54 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Overtaking moving vehicle on its offside
First point of impact: Nearside
Vehicle direction: N to S Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors : 403

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211064891 10/07/2021 Saturday Time: 1910 Vehicles 1 Casualties 2 Slight
Easting: 467,643 Northing: 414,114
Raining without high winds Road Surface: Wet/Damp Daylight
Road Type: Roundabout Speed Limit: 60

Location: SELBY ROAD (A614) AT JUNCTION WITH SELBY ROAD (A614)
Description: THE DRIVER WAS OPL. SHE HAD BEEN FOR A MEAL AND WAS DRINKING IN YORK. THEY CAUGHT THE TRAIN BACK AND DROVE FROM THE STATION BACK HOME. ON THE ROUNDABOUT AT J6 M18, THE DRIVER AND HER PARTNER WHO WAS FRONT SEAT PASSENGER WERE ARGUING AND BY HER OWN ADMIS SION SHE ACCELERATED HARD AROUND THE ROUNDABOUT FROM SELBY RD, THORNE AND LOST CONTROL LEAVING THE ROUNDABOUT BETWEEN WATERSIDE AND A614 SELBY RD, AND THE CAR WENT INTO A LARGE DITCH 40 FEET DOWN, CAUSING SIGNIFICANT DAMAGE. BOTH OCCUPANTS HAVE MINOR INJ
URIES, CUTS AND BRUISES.

Vehicle Reference: 1 Car Turning right
First point of impact: Front
Vehicle direction: SW to SE Journey: Other
Age of Driver : 35 Breath test: Positive

Contributory Factors : 501

Casualty Reference: 1 Age: 35 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 2 Age: 43 Male Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211083709 02/09/2021 Thursday Time: 1435 Vehicles 2 Casualties 1 Slight
Easting: 469,058 Northing: 415,759
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 60

Location: NORTH COMMON ROAD AT JUNCTION WITH MOUNT PLEASANT ROAD
Description: D1 WAS AT THE JUNCTION, AND AS D1 STARTED TO PULL OUT HE CLIPPED A VEHICLE CAUSING D2 TO HIT A WALL AND SWERVE INTO A FIELD.

Vehicle Reference: 1 Car Turning right
First point of impact: Front
Vehicle direction: S to E Journey: Journey as part of work
Age of Driver : 46 Breath test: Not requested

Contributory Factors : 602

Vehicle Reference: 2 Car Going ahead
First point of impact: Front
Vehicle direction: W to E Journey: Journey as part of work
Age of Driver : 57 Breath test: Not requested

Contributory Factors : 602

Casualty Reference: 1 Age: 57 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211097005 06/10/2021 Wednesda Time: 1418 Vehicles 2 Casualties 2 Slight
Easting: 467,428 Northing: 415,557
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 60

Location: SELBY ROAD (A614) AT JUNCTION WITH NORTH COMMON ROAD
Description: V1 TURNING RIGHT ON TO SELBY ROAD FROM NORTH COMMON RD. V1 EDGING OUT TO GET A VIEW, DRIVER STATES THAT HE WAS TRYING TO PULL OUT TO GET A VIEW PAST THE HEDGE/SHRUBBERY, BECAUSE THE FRONT END IS FAIRLY LONG ON HIS VEHICLE, V2 TRAVELLING WEST ON SELBY RD, TRIED TO SWERVE BUT COULD NOT IN TIME, COLLIDED WITH V1 AT THE JUNCTION.

Vehicle Reference: 1 Car Turning right
First point of impact: Front
Vehicle direction: E to N Journey: Not known
Age of Driver : 91 Breath test: Not requested

Contributory Factors : 405 406

Casualty Reference: 1 Age: 91 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Van or Goods <= 3.5 tonnes Going ahead
First point of impact: Nearside
Vehicle direction: N to S Journey: Journey as part of work
Age of Driver : 32 Breath test: Not requested

Contributory Factors : 405 406

Casualty Reference: 2 Age: 32 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211102419 22/10/2021 Friday Time: 1335 Vehicles 2 Casualties 3 Slight
Easting: 469,177 Northing: 415,833
Raining without high winds Road Surface: Wet/Damp Daylight
Road Type: Single carriageway Speed Limit: 60

Location: NORTH COMMON ROAD - 141 METRES FROM JUNCTION WITH MOUNT PLEASANT ROAD
Description: VEHICLE 1 HAS BEEN TRAVELLING ON NORTH COMMON ROAD, MOORENDS,DONCASTER TOWARDS THE JUNCTION OF MARSHLAND ROAD, MOORENDS DONCASTER AND COLLIDED WITH VEHICLE 2 WHICH WAS TRAVELLING IN THE OPPOSITE DIRECTION.

Vehicle Reference: 1 Car Going ahead
First point of impact: Front
Vehicle direction: NE to SW Journey: Other
Age of Driver : 52 Breath test: Not requested

Contributory Factors : 602 503

Casualty Reference: 1 Age: 75 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Going ahead
First point of impact: Front
Vehicle direction: NE to SW Journey: Other
Age of Driver : 82 Breath test: Not requested

Contributory Factors : 602 503

Casualty Reference: 2 Age: 82 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 3 Age: 55 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211103540 23/10/2021 Saturday Time: 1600 Vehicles 2 Casualties 1 Slight
Easting: 467,640 Northing: 414,040
Other Road Surface: Wet/Damp Daylight
Road Type: Slip road Speed Limit: 70

Location: M18 NORTHBOUND
Description: VEHICLE 1 WAS ON THE EXIT OF JUNCTION 6 M18 IN THE LEFT HAND LANE AND VEHICLE 2 FAILED TO STOP AND COLLIDES WITH THE REAR OF VEHICLE 1. THEY DID EXCHANGE REGISTRATIONS BUT THE DRIVER OF VEHICLE 1 HAS SUSTAINED MINOR WHIPLASH INJURIES.

Vehicle Reference: 1 Car Going ahead
First point of impact: Back
Vehicle direction: SW to NE Journey: Other
Age of Driver : 28 Breath test: Not requested

Contributory Factors : 308

Casualty Reference: 1 Age: 28 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Going ahead
First point of impact: Front
Vehicle direction: SW to NE Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors : 308

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211110941 27/10/2021 Wednesda Time: 1812 Vehicles 1 Casualties 1 Slight
Easting: 467,793 Northing: 414,194
Fine without high winds Road Surface: Dry Darkness: no street lighting
Road Type: Slip road Speed Limit: 70

Location: M18 - ENTRY SLIP AT JUNCTION SLIP
Description: UNKNOWN REASON THE DRIVER OF V1 HAS VEERED ACROSS THE ON SLIP FROM THE M18 AND THEN DOWN AN EMBANKMENT.

Vehicle Reference: 1 Goods >= 7.5 tonnes mgw Going ahead
First point of impact: Front
Vehicle direction: S to N Journey: Journey as part of work
Age of Driver : 53 Breath test: Negative

Contributory Factors : 999

Casualty Reference: 1 Age: 53 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

211128724 21/12/2021 Tuesday Time: 2032 Vehicles 5 Casualties 1 Serious
Easting: 469,436 Northing: 415,558
Fine without high winds Road Surface: Dry Darkness: street lights present and lit
Road Type: Single carriageway Speed Limit: 30

Location: MARSHLAND ROAD - 34 METRES FROM JUNCTION WITH ALEXANDRA ROAD
Description: VEHICLE 1, WAS PARKED ON THE SIDE OF MARSHLAND ROAD OUTSIDE NUMBER 80. IT PULLED OUT AND VEHICLE 2 COLLIDED WITH VEHICLE 1 AS IT WAS TRAVELLING DOWN MARSHAL ROAD AWAY FROM THORNE, FROM BEHIND VEHICLE 1. THE FRONT RIGHT END OF VEHICLE ONE HIT THE FRONT LEFT SIDE OF VEHICLE 2. VEHICLE 2 THEN COLLIDED WITH THE REAR OF VEHICLE 3, WHICH IN TURN HIT THE FRONT OF VEHICLE 4, WHICH THEN HIT THE REAR OF VEHICLE 5, VEHICLES 3, 4 AND 5 WERE PARKED ONTHE SIDE OF THE ROAD, ON THE RIGHT HAND SIDE, IN THE DIRECTION A WAY FROM THORNE. DAMAGE WAS CAUSED TO THE FRONT OF VEHICLE 5, THE FRONT AND REAR OF VEHICLE 4, THE FRONT AND REAR OF VEHICLE 3. THESE 3 VEHICLES WERE ALL PUSHED APPROXIMATELY 5 METRES BACKWARDS DOWN THE ROAD BY VEHICLE 2 WHEN IT WAS HIT. NONE OF THESE V EHICLES HAS OCCUPANTS AT THE TIME OF THE COLLISION. SEVERE DAMAGE WAS CAUSED TO VEHICLE 2 ON THE ENTIRE LEFT SIDE AND FRONT. DAMAGE WAS CAUSED TO THE WHOLE FRONT OF VEHICLE 1.

Vehicle Reference: 1 Car Moving off
First point of impact: Front
Vehicle direction: S to N Journey: Other
Age of Driver : 30 Breath test: Negative

Contributory Factors : 602

Vehicle Reference: 2 Car Overtaking stationary vehicle on its offside
First point of impact: Offside
Vehicle direction: S to N Journey: Other
Age of Driver : 39 Breath test: Negative

Contributory Factors : 602

Casualty Reference: 1 Age: 36 Female Passenger Severity: Serious

Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020** **and** **17/03/2025** **(63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

Vehicle Reference: 3 Car Parked
First point of impact: Back
Vehicle direction: Parked to Parked Journey: Not known
Age of Driver : Breath test: Not requested

Contributory Factors : 602

Vehicle Reference: 4 Car Parked
First point of impact: Front
Vehicle direction: Parked to Parked Journey: Not known
Age of Driver : Breath test: Not requested

Contributory Factors : 602

Vehicle Reference: 5 Car Parked
First point of impact: Back
Vehicle direction: Parked to Parked Journey: Not known
Age of Driver : Breath test: Not requested

Contributory Factors : 602

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

221182157 21/05/2022 Saturday Time: 1300 Vehicles 2 Casualties 4 Slight
Easting: 469,442 Northing: 415,524
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 30

Location:
Description: V1 AND V2 IN A COLLISION, AT JUNCTION OF ALEXANDRA ROAD, AND MARSHLAND ROAD, MOORENDS. V1 HEADING IN ONE DIRECTION, V2 HEADING
IN THE OPPOSITE DIRECTION, SUDDENLY CAME INTO THE PATH OF V1. MINOR OK UP, MINOR SPRAIN AND STRAINS, STIFFNESS. BOTH VEHICLES POSSIBLE WRITE OFF.

Vehicle Reference: 1 Car Going ahead
First point of impact: Front
Vehicle direction: N to NE Journey: Other
Age of Driver : 54 Breath test: Not requested

Contributory Factors : 999 999

Casualty Reference: 1 Age: 54 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 2 Age: 74 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 3 Age: 29 Female Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

Vehicle Reference: 2 Car Going ahead
First point of impact: Front
Vehicle direction: S to SW Journey: Not known
Age of Driver : 78 Breath test: Not requested

Contributory Factors : 999 999

Casualty Reference: 4 Age: 78 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

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221199412 15/07/2022 Friday Time: 1200 Vehicles 1 Casualties 1 Serious
Easting: 469,422 Northing: 415,703
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 30

Location: MARSHLAND ROAD AT JUNCTION WITH GRANGE ROAD, MOORENDS, DONCASTER, DONCASTER
Description: DPD DELIEVERY DRIVER DRIVING FROM GRANGE ROAD AND TURNING RIGHT ONTO MARSHLAND ROAD AND IN DOING SO HAS HIT A LADY WHO WAS WALKING CROSS THE ROAD AT THE TIME.

Vehicle Reference: 1 Goods vehicle - unknown Turning right
First point of impact: Front
Vehicle direction: E to N Journey: Journey as part of work
Age of Driver : 21 Breath test: Not requested

Contributory Factors : 602 802

Casualty Reference: 1 Age: 54 Female Pedestrian Severity: Serious
Ped Dir: Pedestrian Ped Movement : Driver's offside
Ped Location: In carr elsewhere

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**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

221242155 14/11/2022 Monday Time: 1730 Vehicles 2 Casualties 1 Serious
Easting: 469,396 Northing: 414,598
Raining without high winds Road Surface: Wet/Damp Darkness: street lights present and lit
Road Type: Single carriageway Speed Limit: 40

Location:
Description: FEMALE WAS TRAVELLING ON HER PUSH BIKE ON MARSHLAND ROAD IN THE DIRECTION OF THORNE, DONCASTER AT THE JUNCTION OF WILKINSON AVENUNE, THE FEMALE IS ON THE FOOT PATH AND RECALLS ATTEMPTING TO CROSS THE ROAD, WHEN SHE HAS DONE THIS SHE HAS BEEN STRUCK BY A BLACK VEHICLE, RESULTING IN HER BEING KNOCKED OF HER PUSH BIKE AND BEING THROWN IN THE AIR LANDING ON HER BACK CAUSING PAIN AT THE TOP OF HER BACK. THE FEMALE CANNOT RECALL THE EXACT CIRCUMSTANCES AS SHE BELIEVES SHE MAY HAVE BEEN KNOCKED OUT. IT CAN
NOT BE CONFIRMED IF THE VEHICLE HAS MOUNTED THE KERB OR REMAINED IN THE CARRIGEWAY.

Vehicle Reference: 1 Car Going ahead
First point of impact: Front
Vehicle direction: N to S Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors : 601

Vehicle Reference: 2 Pedal cycle Moving off
First point of impact: Front
Vehicle direction: SE to SW Journey: Not known
Age of Driver : 13 Breath test: Not applicable

Contributory Factors : 601

Casualty Reference: 1 Age: 13 Female Driver/rider Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

231260776 07/01/2023 Saturday Time: 1540 Vehicles 2 Casualties 2 Slight
Easting: 467,577 Northing: 413,844
Fine without high winds Road Surface: Dry Darkness: no street lighting
Road Type: Slip road Speed Limit: 70

Location:
Description: IT WOULD APPEAR THAT V2 HAS SLOWED DOWN DUE TO EXTREMELY BRIGHT LOW SETTING SUN, THE DRIVER OF V1 HAS HAD THE SAME PROBLEM AND NOT SEEN V2 SLOWING DOWN. V1 HAS THEN COLLIDED WITH THE REAR OF V2.

Vehicle Reference: 1 Car Going ahead
First point of impact: Front
Vehicle direction: N to S Journey: Other
Age of Driver : 30 Breath test: Negative

Contributory Factors : 706

Casualty Reference: 2 Age: 69 Male Passenger Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Going ahead
First point of impact: Back
Vehicle direction: N to S Journey: Other
Age of Driver : 69 Breath test: Negative

Contributory Factors : 706

Casualty Reference: 1 Age: 69 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

231269330 28/01/2023 Saturday Time: 2249 Vehicles 1 Casualties 1 Slight
Easting: 468,645 Northing: 415,708
Fine without high winds Road Surface: Dry Darkness: no street lighting
Road Type: Single carriageway Speed Limit: 60

Location: NORTH COMMON ROAD, THORNE, DONCASTER, DONCASTER
Description: 3 X BLACK/BROWN HORSES HAD ESCAPED OUT OF THEIR FIELD AND WERE RUNNING DOWN THE ROAD, WHICH IS UNLIT, THE VEHICLE INVOLVED IN THE COLLISION WAS TRAVELLING AT APPROXIMATELY 60 MPH WHEN 1 OF THE HORSES COLLIDED WITH THE FRONT OF THE VEHICLE, CAUSING THE BO NNET TO CRUMPLE AND ALL AIRBAGS INSIDE THE VEHICLE WERE DEPLOYED. THE HORSE'S HEAD STRUCK THE WINDSCREEN AND PROTRUDED THROUGH THE VEHICLE. THE HORSE HAS THEN COLLAPSED AT THE SIDE OF THE ROAD AND DIED A COUPLE OF MINUTES AFTER THE IMPACT.

Vehicle Reference: 1 Car Going ahead
First point of impact: Front
Vehicle direction: W to E Journey: Other
Age of Driver : 49 Breath test: Not requested

Contributory Factors : 999

Casualty Reference: 1 Age: 49 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

231274912 09/02/2023 Thursday Time: 1500 Vehicles 2 Casualties 1 Slight
Easting: 467,511 Northing: 414,802
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 60

Location: SELBY ROAD (A614) AT JUNCTION WITH FERRY ROAD, THORNE, DONCASTER
Description: V1 FAILED TO LOOK PROPERLY AS HE EMERGED FROM JUNCTION ENTERING MAIN CARRIAGEWAY AND V2 NOT HAD TIME TO STOP SUFFICIENTLY. V2 HAS THEN TRIED TO AVOID V1 AND COLLIDED V2'S N/S/F COLLIDED WITH V1'S O/S/R SPINNING IT INTO THE GRASS VERGE AND DOWN A DITCH

Vehicle Reference: 1 Car Moving off
First point of impact: Back
Vehicle direction: E to S Journey: Other
Age of Driver : 66 Breath test: Not requested

Contributory Factors : 405

Vehicle Reference: 2 Car Going ahead
First point of impact: Front
Vehicle direction: N to S Journey: Other
Age of Driver : 27 Breath test: Not requested

Contributory Factors : 405

Casualty Reference: 1 Age: 27 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

231297585 17/04/2023 Monday Time: 2023 Vehicles 2 Casualties 2 Serious
Easting: 469,325 Northing: 416,113
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 30

Location:
Description: V1 HAS BEEN DRIVING AT SPEED AND DURING THE OVERTAKE OF V2 IT HAS COLLIDED INTO THE OFFSIDE OF V2 CAUSING DAMAGE TO BOTH VEHICLES. DRIVER OF V1 HAS LEFT THE SCENE ON FOOT.

Vehicle Reference: 1 Car Overtaking moving vehicle on its offside
First point of impact: Nearside
Vehicle direction: N to S Journey: Not known
Age of Driver : 38 Breath test: Driver not contacted

Contributory Factors : 601

Casualty Reference: 2 Age: 41 Female Passenger Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Turning right
First point of impact: Offside
Vehicle direction: N to SW Journey: Other
Age of Driver : 36 Breath test: Not requested

Contributory Factors : 601

Casualty Reference: 1 Age: 36 Female Driver/rider Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

231316737 09/06/2023 Friday Time: 0700 Vehicles 2 Casualties 1 Slight
Easting: 467,725 Northing: 414,043
Fine without high winds Road Surface: Dry Daylight
Road Type: Dual carriageway Speed Limit: 70

Location: M18, SOUTHBOUND JUNCTION 6, DONCASTER
Description: V1, UNKNOWN VAN, WAS TRAVELLING SOUTHBOUND ON THE M18 IN LANE 2, V2 AN ARTICULATED HGV WITH HAZCHEM ON BOARD WAS BEHIND V1 IN LANE 1. AS THE VEHICLES PASSED OVER J6 V1 RAN OVER A METAL OBJECT THROWING IT UPWARDS INTO THE PATH OF V2 AND INTO THE OFFSIDE W INDSCREEN AREA CAUSING THE WINDOW TO SMASH PROJECTING GLASS INTO THE CAB AND CAUSING MINOR CUTS TO HIS FACE. THE DRIVER WAS ABLE TO MAINTAIN CONTROL OF THE VEHICLE AND HAD THE PRESENCE OF MIND TO BRING IT TO A CONTROLLED STOP ON THE ENTRY SLIP OF THE M18 JUNCTION 6. FIRST AID GIVEN BY HETO. AMB REFUSED.

Vehicle Reference: 1 Goods vehicle - unknown weight Going ahead
First point of impact: Did not impact
Vehicle direction: N to S Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors : 109

Vehicle Reference: 2 Goods vehicle - unknown weight Going ahead
First point of impact: Front
Vehicle direction: N to S Journey: Journey as part of work
Age of Driver : 61 Breath test: Negative

Contributory Factors : 109

Casualty Reference: 1 Age: 61 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

231317335 10/06/2023 Saturday Time: 1450 Vehicles 2 Casualties 1 Serious
Easting: 467,510 Northing: 414,672
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 60

Location: SELBY ROAD (A614) AT JUNCTION WITH LAND ENDS ROAD, THORNE, DONCASTER

Description: DRIVER OF VEHICLE 1 HAS BEEN DRIVING ON THE A614, SELBY ROAD IN THE DIRECTION OF RAWCLIFFE. DRIVER OF VEHICLE 1 HAS APPROACHED THE JUNCTION OF LAND ENDS ROAD AND HAS THEN INDICATED TO TURN, HE HAS COME TO A STOP AND BEGAN TO TURN AND VEHICLE 2 A MOTORCYC
LE HAS OVERTAKEN AT THIS POINT ON THE JUNCTION CAUSING THE OFFSIDE OF VEHICLE 1 TO COLLIDE WITH THE MOTORCYCLE. RIDER OF VEHICLE 2 HAS THEN BEEN KNOCKED OFF THE MOTORCYCLE. INJURY CAUSED TO THE RIDERS LEFT COLLAR BONE WITH AN ABRASION AND LACERATION.

RIDER OF VEHICLE 2 HAS OVERTAKEN AT THE SITE OF A JUNCTION, THE SUN
WAS VERY BRIGHT THAT DAY AND THE RIDER NOTED THAT HE DID NOT SEE THE INDICATORS ON THE VEHICLE. BOTH PARTIES WERE HAPPY TO
ANCE. BOTH PARTIES BLEW ZERO AT THE ROAD SIDE.

Vehicle Reference: 1 Car Turning right
First point of impact: Offside
Vehicle direction: S to E Journey: Not known
Age of Driver : 27 Breath test: Negative

Contributory Factors : 706

Vehicle Reference: 2 Motorcycle - unknown cc Overtaking moving vehicle on its offside
First point of impact: Nearside
Vehicle direction: S to N Journey: Not known
Age of Driver : 41 Breath test: Negative

Contributory Factors : 706

Casualty Reference: 1 Age: 41 Male Driver/rider Severity: Serious

Ped Dir: Ped Movement :
Ped Location:

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

231355826 24/09/2023 Sunday Time: 1600 Vehicles 2 Casualties 1 Slight
Easting: 469,452 Northing: 415,377
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 30

Location: MARSHLAND ROAD NEAR JUNCTION WITH WEST ROAD, MOORENDS, DONCASTER
Description: V1 HAS BEEN DRIVING DOWN MARSHLAND ROAD, MOORENDS APPROACHING THE JUNCTION AT WEST ROAD. V2 HAS PULLED OUT WITHOUT INDICATING INTO THE PATH OF V1 CAUSING A COLLISION. DAMAGE HAS BEEN CAUSED TO THE BUMPER, BONNET, WINDSCREEN AND REAR LEFT BRAKE LIGHT.
THE DRIVER OF V2 HAS EXITED THE VEHICLE TO CHECK THE WELFARE OF THE DRIVER OF V1 BUT THEN HAS GOT BACK INTO HIS CAR AND DRIVEN AWAY FROM THE SCENE WITHOUT EXCHANGING INSURANCE DETAILS.

Vehicle Reference: 1 Car Going ahead
First point of impact: Front
Vehicle direction: N to S Journey: Journey as part of work
Age of Driver : 43 Breath test: Not requested

Contributory Factors : 302 602 508

Casualty Reference: 1 Age: 43 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Turning right
First point of impact: Offside
Vehicle direction: E to N Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors : 302 602 508

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

241405918 11/01/2024 Thursday Time: 1030 Vehicles 2 Casualties 1 Slight
Easting: 467,638 Northing: 414,046
Fine without high winds Road Surface: Dry Daylight
Road Type: Slip road Speed Limit: 40

Location: M18, THORNE, DONCASTER
Description: V001 - TRAVELING NORTH ON M18 J6 EXIT SLIP ROAD LEFT LANE STATIONARY WAITING TO PULL ONTO ROUNDABOUT V002 - COLLIDED WITH REAR OF V001

Vehicle Reference: 1 Car Moving off
First point of impact: Back
Vehicle direction: S to N Journey: Other
Age of Driver : 53 Breath test: Not requested

Contributory Factors : 308

Casualty Reference: 1 Age: 53 Female Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Goods vehicle - unknown Slowing or Stopping
First point of impact: Front
Vehicle direction: S to N Journey: Not known
Age of Driver : Breath test: Driver not contacted

Contributory Factors : 308

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

241429975 10/04/2024 Wednesda Time: 0710 Vehicles 2 Casualties 1 Serious
Easting: 469,777 Northing: 413,570
Fine without high winds Road Surface: Dry Daylight
Road Type: Unknown Speed Limit: 60

Location: CHURCH BALK NEAR JUCNTION WITH MOOR EDGES ROAD
Description: V1 HAS BEEN DRIVING DOWN MOOREDGES ROAD. HIS VISION HAS BECOME RESTRICTED DUE TO THE SUN SHINING IN HIS FACE. HE HAS ATTEMPTED TO PULL DOWN THE SUN VISOR AND HAS DRIFTED ONTO THE OPPOSITE SIDE OF THE ROAD HITTING V2 IN THE FRONT.

Vehicle Reference: 1 Car Going ahead right hand bend
First point of impact: Front
Vehicle direction: SE to SW Journey: Journey as part of work
Age of Driver : 26 Breath test: Not requested

Contributory Factors : 706

Casualty Reference: 1 Age: 26 Male Driver/rider Severity: Serious

Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Going ahead
First point of impact: Front
Vehicle direction: SW to SE Journey: Journey as part of work
Age of Driver : 53 Breath test: Not requested

Contributory Factors : 706

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

241440969 09/05/2024 Thursday Time: 1614 Vehicles 2 Casualties 1 Slight
Easting: 469,450 Northing: 415,402
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 30

Location: MARSHLAND ROAD NEAR JUNCTION WITH NEWHOLME DRIVE, MOORENDS, DONCASTER
Description: RIDER OF V1 HAS BEEN TRAVELLING NORTH ALONG MARSHLAND ROAD WHEN V2 HAS PULLED OUT OF THE JUNCTION OF NEWHOLME DRIVE, MOORENDS. V1
HAS HIT THE OFFSIDE FRONT CORNER OF V2. V1 HAS BEEN RIDDEN BY A

Vehicle Reference: 1 Motorcycle - unknown cc Going ahead
First point of impact: Front
Vehicle direction: S to N Journey: Other
Age of Driver : 16 Breath test: Negative

Contributory Factors : 605

Casualty Reference: 1 Age: 16 Male Driver/rider Severity: Slight
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Turning right
First point of impact: Offside
Vehicle direction: W to S Journey: Other
Age of Driver : 64 Breath test: Negative

Contributory Factors : 605

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

241478076 09/08/2024 Friday Time: 1644 Vehicles 2 Casualties 2 Fatal
Easting: 469,361 Northing: 415,980
Fine without high winds Road Surface: Dry Daylight
Road Type: Single carriageway Speed Limit: 30

Location: MARSHLAND ROAD - 48 METRES FROM JUNCTION WITH THE AVENUE, MOORENDS, DONCASTER, DONCASTER
Description: V1 TRAVELS FROM DIRECTION OF RAWCLIFFE INTO MOORENDS WHEN IT LOSES CONTROL, COLLIDING WITH PROPERTY AND A PARKED VEHICLE. FATAL INJURIES SUSTAINED TO DRIVER OF V1 AND SERIOUS INJURIES TO PASSENGER OF V1. NO FURTHER PERSONS INJURED. **CAUSES EXTENSIVE DAMAGE TO PROPERTY, PARKED VEHICLE AND FENCING. ALSO REPORTS OF DAMAGED GAS METRE BOX/GAS PIPE**

Vehicle Reference: 1 Car Going ahead
First point of impact: Nearside
Vehicle direction: N to S Journey: Commuting to/from work
Age of Driver : 40 Breath test: Not provided (medical)

Contributory Factors : 410

Casualty Reference: 1 Age: 40 Male Driver/rider Severity: Fatal
Ped Dir: Ped Movement :
Ped Location:

Casualty Reference: 2 Age: 45 Male Passenger Severity: Serious
Ped Dir: Ped Movement :
Ped Location:

Vehicle Reference: 2 Car Parked
First point of impact: Offside
Vehicle direction: Parked to Parked Journey: Not known
Age of Driver : Breath test: 7

Contributory Factors : 410

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

241516119 13/11/2024 Wednesda Time: 1045 Vehicles 5 Casualties 1 Fatal
Easting: 467,792 Northing: 414,156
Fine without high winds Road Surface: Dry Daylight
Road Type: Dual carriageway Speed Limit: 70

Location: M18, DONCASTER
Description: VEHICLES HAVE BEEN QUEUING IN TRAFFIC DUE TO A BACK LOG ON THE M18. VEHICLE 5 HAS COLLIDED WITH THE REAR OF VEHICLE 4, APPEARING NOT TO SLOW OR BRAKE. THIS HAS SUBSEQUENTLY SHUNTED VEHICLE 3, 2 AND 1 INTO ONE ANOTHER.

Vehicle Reference: 1 Car Waiting to go ahead but held up
First point of impact: Back
Vehicle direction: N to S Journey: Other
Age of Driver : 63 Breath test: Negative

Contributory Factors : 406

Vehicle Reference: 2 Goods vehicle - unknown Waiting to go ahead but held up
First point of impact: Back
Vehicle direction: N to S Journey: Journey as part of work
Age of Driver : 67 Breath test: Negative

Contributory Factors : 406

Vehicle Reference: 3 Goods vehicle - unknown Waiting to go ahead but held up
First point of impact: Back
Vehicle direction: N to S Journey: Journey as part of work
Age of Driver : 47 Breath test: Negative

Contributory Factors : 406

Vehicle Reference: 4 Goods vehicle - unknown Waiting to go ahead but held up
First point of impact: Back
Vehicle direction: N to S Journey: Journey as part of work
Age of Driver : 30 Breath test: Negative

Contributory Factors : 406

**Accidents between dates** **01/01/2020 and 17/03/2025 (63) months**
**Selection:** **Notes:**
**Selected using Manual Selection**

Vehicle Reference: 5 Goods vehicle - unknown Going ahead
First point of impact: Front
Vehicle direction: N to S Journey: Journey as part of work
Age of Driver : 68 Breath test: Not requested

Contributory Factors : 406

Casualty Reference: 1 Age: 68 Male Driver/rider Severity: Fatal
Ped Dir: Ped Movement :
Ped Location:

---

Accidents involving:

| | Fatal | Serious | Slight | Total |
|---|---|---|---|---|
| Motor vehicles only excluding 2-wheels | 2 | 6 | 20 | 28 |
| 2-wheeled motor vehicles | 0 | 4 | 1 | 5 |
| Pedal cycles | 0 | 2 | 1 | 3 |
| Horses & other | 0 | 0 | 0 | 0 |
| Total | 2 | 12 | 22 | 36 |

Casualties:

| | Fatal | Serious | Slight | Total |
|---|---|---|---|---|
| Vehicle driver | 2 | 5 | 23 | 30 |
| Passenger | 0 | 4 | 9 | 13 |
| Motorcycle rider | 0 | 4 | 2 | 6 |
| Cyclist | 0 | 2 | 1 | 3 |
| Pedestrian | 0 | 1 | 0 | 1 |
| Other | 0 | 0 | 0 | 0 |
| Total | 2 | 15 | 34 | 51 |

# ROAD SAFETY AUDIT BRIEF

| **Project Summary** | |
|---|---|
| **Date:** | 04/05/2026 |
| **Document Reference:** | P21-3484_TR10_S1 RSA BRIEF_01 |
| **Prepared by:** | Pegasus Group |
| **On Behalf of:** | RWE Renewables UK Solar and Storage Ltd. |
| **AUTHORISATION SHEET** | |
| **Project:** | Tween Bridge Solar Farm |
| **Report title:** | Stage 1 Road Safety Audit Brief – Tween Bridge Solar Farm |
| **PREPARED BY:** | |
| **Name:** | [redacted] |
| **Signed:** | |
| **Organisation:** | Pegasus Group |
| **Date:** | 11/05/2026 |
| **I APPROVE THE RSA BRIEF AND INSTRUCT THE RSA TO TAKE PLACE ON BEHALF OF THE OVERSEEING ORGANISATION:** | |
| **Name:** | |
| **Signed:** | |
| **Organisation:** | North Lincolnshire Council |
| **Date:** | |

<table>
<tr><th colspan="5">General Details</th></tr>
<tr><td colspan="2">Highway Scheme Name & Road Number</td><td colspan="3">P21-3484_TR10_s1RSA – Tween Bridge DCO – Accesses within North Lincolnshire Council authority area</td></tr>
<tr><td colspan="5">Type of Scheme<br>e.g. new road scheme, smart motorway, junction improvement, traffic signs and road markings improvement, traffic calming, etc.</td></tr>
<tr><td colspan="5">Access arrangements for construction and operational period of solar farm</td></tr>
<tr><td rowspan="2">RSA Stage<br>Tick as appropriate ✓</td><td>1 ✓</td><td>2</td><td>3</td><td rowspan="2">4</td></tr>
<tr><td colspan="3">Interim</td></tr>
<tr><td colspan="2">Overseeing Organisation Details</td><td colspan="3">Design Organisation Details</td></tr>
<tr><td colspan="2">North Lincolnshire Council<br>Church Square House<br>30-40 High Street<br>Scunthorpe<br>DN15 6NL</td><td colspan="3">Pegasus Planning Group Ltd<br>First Floor, South Wing<br>Equinox North<br>Great Park Road<br>Almondsbury<br>Bristol<br>BS32 4QL</td></tr>
<tr><td colspan="2">Police Contact Details (RSA3 Only)</td><td colspan="3">Maintaining Agent Contact Details</td></tr>
<tr><td colspan="2">N/A</td><td colspan="3"></td></tr>
<tr><td colspan="5">RSA Team Membership</td></tr>
<tr><td colspan="5">[redacted]</td></tr>
<tr><td colspan="5">Terms of Reference<br>Make reference to relevant DMRB documents and other guidance where appropriate.</td></tr>
<tr><td colspan="5">DMRB GG119, CA185</td></tr>
</table>

## Scheme Details

**Scheme Description/Objective**

**General**
*Define the extents of the RSA, include a brief scheme description, the scheme objectives, a start date for construction if known and a completion date. In addition, for stage 4 RSAs, confirm when all related traffic management has been removed.*

This Stage 1 Road Safety Audit brief has been prepared by Pegasus Group on behalf of RWE UK in respect of the proposed site accesses associated with the proposed construction of a ground mounted solar park to be known as Tween Bridge Solar Farm (the Scheme). The scheme is subject to a Development Consent Order (DCO).

The Scheme is located between the settlements of Thorne and Crowle, centred at approximately 10 kilometres to the northeast of Doncaster and 14 kilometres to the west of Scunthorpe. The Order Limits (scheme boundary) is split across the administrative boundaries of the City of Doncaster Council (CDC) and North Lincolnshire Council (NLC). The site in its wider geographical context is shown in drawing **Figure 4.1.** The Scheme is generally surrounded by open land with agricultural land uses.

Access to the Scheme is proposed by a number of accesses across the local highway network. This Stage One Road Safety Audit covers the accesses located within the administrative boundary of North Lincolnshire Council.

**Site Accesses**

Due to the large-scale nature of the Scheme, there are multiple access points proposed, as shown in the Access Overview in **Figure 3.1**.

**Appendix A** includes a summary table of each proposed site access listed above, including a GoogleMaps location for each of the access points, the road from which it would be served, the speed limit of the road from which it would be served, the achievable visibility splays and the Figure reference. The accesses comprise of both existing agricultural access points and new access points. All Figures/drawings are included within the drawings list as part of this audit brief.

Swept path assessments of the largest construction related vehicle (a 16.5 metre long HGV) are shown in the access drawing Figures. All construction vehicles will access and egress the Scheme in a forward gear, with turning areas provided internal of the Scheme.

Internal of the site, access tracks will be surfaced with loose gravel. For those access points which are currently unsurfaced, it is proposed that the extent of the access point which falls within the extent of adopted highway shall be laid with temporary matting. This shall protect the verge and also collect any loose material from the site as vehicles exit on to the adjacent highway.

The scheme is supported by an Outline Construction Traffic Management Plan, which is included at **Appendix B**.

**Design Standards Applied to the Scheme Design**
*For example, DMRB.*

DMRB

**Design Speeds**
*Provide details of applied and/or existing design speeds.*

50mph, 60mph

**Speed Limits**
*State whether mandatory or advisory, available speed data.*

50mph, 60mph (see Appendix A). ATC survey data for relevant links is enclosed at **Appendix C**. **Figure 2.1** shows the locations of the ATCs undertaken.

**Existing Traffic Flows/Queues**
*To include current automatic traffic counter (ATC) data, up-to-date turning count and queue information etc.*

Two-way Annual Average Daily Traffic (AADT) flows were recorded in 2023 for the following roads:

A18 High Levels Bank – 7,582
Marsh Road - 113

The Department for Transport has a count point (reference 38499) located on the A161 within the vicinity of the proposed Access AK location. The AADT estimated using flows on the link from the previous years is 5,342 two-way AADT movements in 2024.

**Forecast Traffic Flows**
*Where available and relevant, provide future traffic flow data including vehicle proportions.*

It is anticipated that during the temporary construction period associated with the Scheme, each of the accesses could be associated with an average of up to 18 vehicles per day, comprising of 15 HGVs and 3 LGV movements. In reality, vehicle movements could be lower, dependant on the size of the development area which the access serves. The movements will be outside of the typical AM (0700-0800) and PM (1600-1700) peak hours, which would be secured as a requirement of the DCO, if the Scheme is consented.

Once the Scheme becomes operational, the accesses will be retained and associated with around two trips per day.

**Pedestrian, Cyclist & Equestrian Desire Lines**
*Include details of pedestrian, cyclist and equestrian movements in the vicinity of the scheme and, when applicable the relevant walking, cycling and horse-riding assessment and review reports HD 42/17 [Ref 7.1].*

N/A

**Environmental Constraints**
*Include all environmental constraints within the scheme extents, for example sites of special scientific interest (SSSI), conservation areas, listed properties etc.*

None

## Locality

**Description of Locality**.

The Scheme is located between the settlements of Thorne and Crowle, centred at approximately 10 kilometres to the northeast of Doncaster and 14 kilometres to the west of Scunthorpe. The Order Limits (scheme boundary) is split across the administrative boundaries of the City of Doncaster Council (CDC) and North Lincolnshire Council (NLC). The site in its wider geographical context is shown in drawing **Figure 4.1.**

**General Description**
*Include road network, road type, relevant land uses etc.*

A18 (High Levels Bank)
The A18 is a single carriageway road which is approximately seven metres wide. It is subject to the National Speed Limit (60mph) and facilitates travel between the towns of Hatfield to the west and Scunthorpe to the east. It provides direct access to farmland along its extent. The section of the A18 within the vicinity of the Scheme is generally unlit. Streetlighting and footways are generally provided within the vicinity of local settlements.

A161
The A161 is a single carriageway road which is approximately seven metres wide. It connects to the A18 via a gyratory junction to the south of Ealand, and can be used to join the M180 via Junction 2 in the south. The A161 passes through Crowle to the east of the Scheme. It is subject to varying speed limits along its length, with the National Speed Limit south of the A18 and 40mph and 30mph sections through Crowle.

Marsh Road
Marsh Road is an unmarked single carriageway that measures approximately four metres wide and currently serves a small number of dwellings and agricultural buildings. No footways are provided, and street lighting is provided at its northeastern extent only, within the vicinity of dwellings within Crowle.

To the southwest it becomes Crook O'Moor Road and to the northeast it forms the minor arm of a priority junction with Cross Street and Windsor Road.

Marsh Road is subject to the national speed limit which reduces to a 30mph speed limit approximately 90 metres southwest of the junction with Cross Street and Windsor Road. There are double yellow lines on both sides of the carriageway at this junction.

**Relevant Factors Which May Affect Road Safety**
*Factors known to the Design Organisation and considered as part of the design. This should also include anything that would not be immediately obvious to the RSA Team – such as school crossing patrols and large events, for example.*

N/A

## Analysis

**Collision Data Analysis**
*Stages 1,2, and 3 provide a summary of road traffic collision data covering both the extent of the scheme and the adjoining sections of highway. As a minimum, the most recent 36 month of data. At Stage 4, provide 12 months of post-opening validated road traffic collision data. Raw data should be provided as an appendix.*

Personal Injury Collision (PIC) data has been obtained from NLC for the five-year period between May 2020 – May 2025. NLC has since confirmed that no further incidents have been recorded between May 2025 and April 2026.

The study area comprises the roads of the local highway network that will provide access to the Scheme. The full PIC reports including a breakdown of where the recorded incidents occurred is set out at **Appendix D**.

**Departures from Standards**
*Include status details, i.e. approved/pending/rejected, and any design strategy records produced for improvements to existing trunk roads and motorways.*

The access designs are not provided in full accordance with DMRB geometric requirements due to their temporary nature.

**Previous Road Safety Audit Stage Reports, Road Safety Audit Response Reports & Evidence of Agreed Actions**
*Attach previous reports to the RSA Brief, or provide an explanation where these are not available.*

n/a

**Strategic Decisions**
*Includes items outside the scope of this RSA, which will not change irrespective of the RSA, for example route choice, junction type, approved departures from standard.*

n/a

**List of Included Documents and Drawings**
*For example: previous RSA reports; Design Responses; Departures; Road Traffic Collision Data; Walking, Cycling and Horse-Riding Assessment and Reviews. This could include any relevant operational data such as damage-only collision data or incident logs.*
*This list could be included as an attachment to the RSA Brief or a hyperlink to a shared electronic location where the RSA Brief information has been collated.*

**Documents**

| Reference/ Revision | Title | Date |
|---|---|---|
| Appendix A | Site Access Summary Table | May 2026 |
| Appendix B | Outline CTMP | August 2025 |
| Appendix C | ATC survey data | June 2023 |
| Appendix D | PIC data | May 2020-2025 |

**Drawings**

| Reference/ Revision | Title | Date |
|---|---|---|
| Figure 2.1 | Scheme Location and Automatic Traffic Count Locations | 19/08/2025 |
| Figure 3.1 | Access Overview | 15/08/2025 |
| Figure 3.15 | Proposed Access Arrangements – Location N | 22/04/2026 |
| Figure 3.16 | Proposed Access Arrangements – Location O | 22/04/2026 |
| Figure 3.17 | Proposed Access Arrangements – Location P | 22/04/2026 |
| Figure 3.18 | Proposed Access Arrangements – Location Q | 22/04/2026 |
| Figure 3.19 | Proposed Access Arrangements – Location R | 22/04/2026 |
| Figure 3.20 | Proposed Access Arrangements – Location S | 22/04/2026 |
| Figure 3.25 | Proposed Access Arrangements – Location X | 22/04/2026 |
| Figure 3.26 | Proposed Access Arrangements – Location Y | 22/04/2026 |
| Figure 3.28 | Proposed Access Arrangements – Location AA / AB | 22/04/2026 |
| Figure 3.34 | Proposed Access Arrangements – Location AH | 22/04/2026 |
| Figure 3.35 | Proposed Access Arrangements – Location Ai | 22/04/2026 |
| Figure 3.37 | Proposed Access Arrangements – Location AK | 22/04/2026 |
| Figure 4.1 | Construction Traffic Route Plan to Land Parcels | 26/03/2026 |

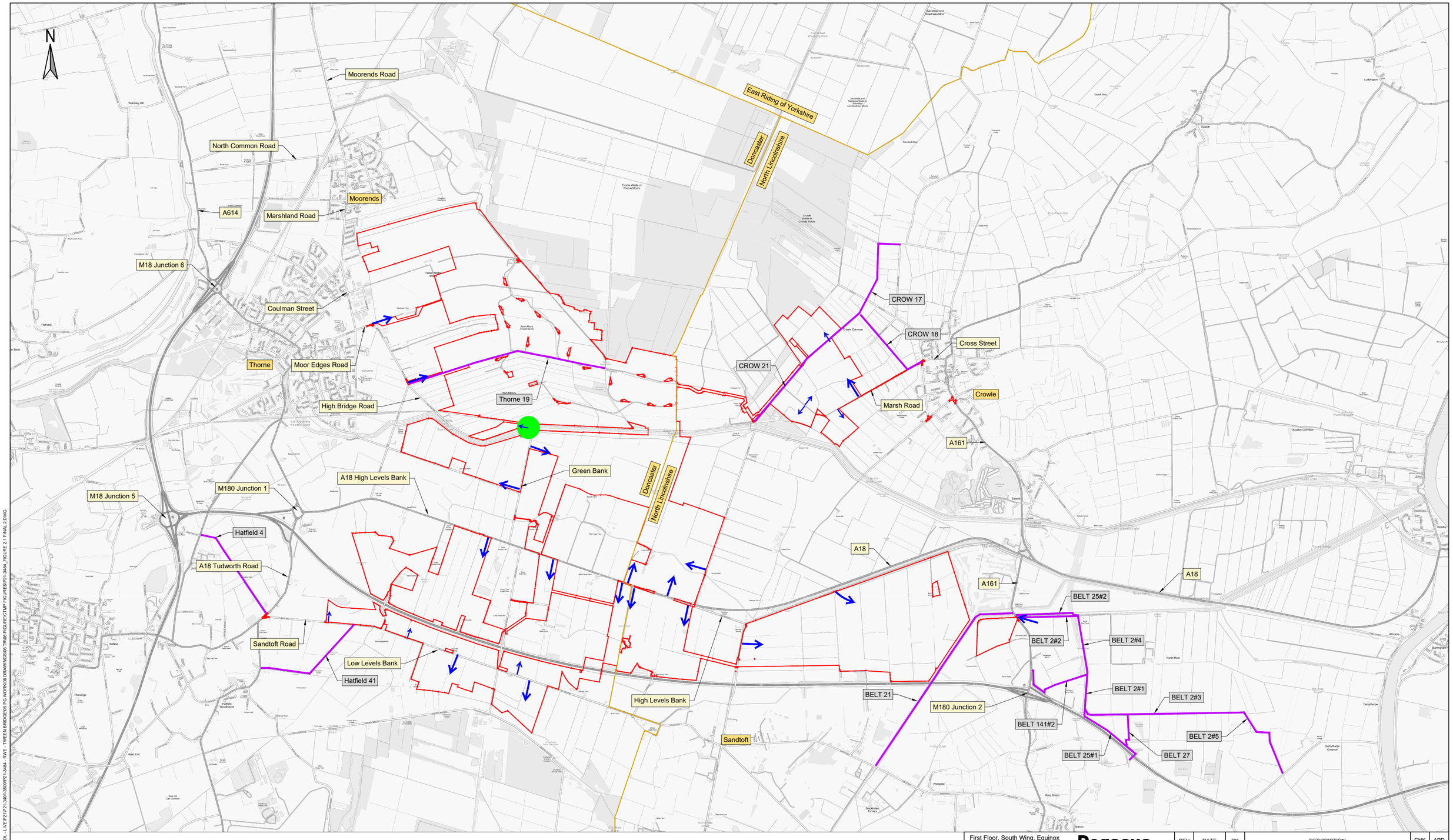
## Checklist

**Tick all that are included and provide reasons for those that are not included.**

| | | | |
|---|---|---|---|
| Site Location plan | ✓ | Scale Layout Plans | ✓ |
| Departures and Relaxations from Standards | ✓ | Construction/Typical Details | |
| Previous RSA Reports | | Previous RSA Response Reports & Evidence of Agreed Actions | |
| Collision Data and Collision Data Analysis | ✓ | Road Traffic Collision Plot | ✓ |
| Traffic Signal Staging | | Traffic Counts | ✓ |
| Speed Surveys | ✓ | Pedestrian, Cyclist, Horse-Riding Desire Lines & Volumes | |
| Walking, Cycling and Horse-Riding Assessment & Reviews | | Items Outside the Scope of the RSA/Strategic Decisions | |
| Other Factors that may Impact Upon Road Safety | | Design Speeds/Speed Limits | ✓ |
| Design Standards Used | ✓ | Adjacent Land Uses | ✓ |

Construction/Typical Details – None provided.
Previous RSA Reports – No previous RSAs undertaken.
Previous RSA Response Reports & Evidence of Agreed Actions – No previous RSAs undertaken.
Traffic Signal Staging – Non signalised junctions.
Pedestrian, Cyclist, Horse-Riding Desire Lines & Volumes – none provided.
Walking, Cycling and Horse-Riding Assessment & Reviews – None provided.
Items Outside the Scope of the RSA/ Strategic Decisions – N/A.
Other Factors that may Impact Upon Road Safety – N/A.

**DRAWINGS**




\\LUCIDLINK\PEGASUSGROUP\01 ALL OFFICES\02 BRS\DATA\BRISTOL PROJECTS\BRISTOL - LIVE\P21\P21-3401-3500\P21-3484 - RWE - TWEEN BRIDGE\05 PG WORK\06 DRAWINGS\06 TROW FIGURE\TMP FIGURES\P21-3484_FIGURE 2.1 FINAL 2.DWG

Key:

- Order Limits
- Weak Bridge (7.5 tonne)
- Public Right of Way
- Approximate Access Locations
- Local Authority Boundaries


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| | | | |
|---|---|---|---|
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| PROJECT: TWEEN BRIDGE SOLAR FARM | DATE: 19/08/2025 | DESIGN-DRAWN: JAN | DRAWING-STATUS: FINAL |
| TITLE: INDICATIVE ACCESS STRATEGY | PROJECT No: P21-3484 | DRAWING No: FIGURE 2.1 | REV: 2 |


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N

Location A
Location B
Location C
Location D
Location E
Location F
Location AJ
Location M
Location L
Location N and AH
Location Z
Location O
Location Y
Location P
Location R
Location AK
Location G
Location H
Location AE
Location i
Location W
Location J
Location K
Location Ai
Location Q
Location X
Locations AA & AB
Location S
Location AD
Location T
Location U
Location AC
Location V

Key:

- Order Limits
- Approximate Extent of Adopted Highway
- Stainforth and Keadby Canal
- Railway Track
- Local Authority Boundary
- Motorway

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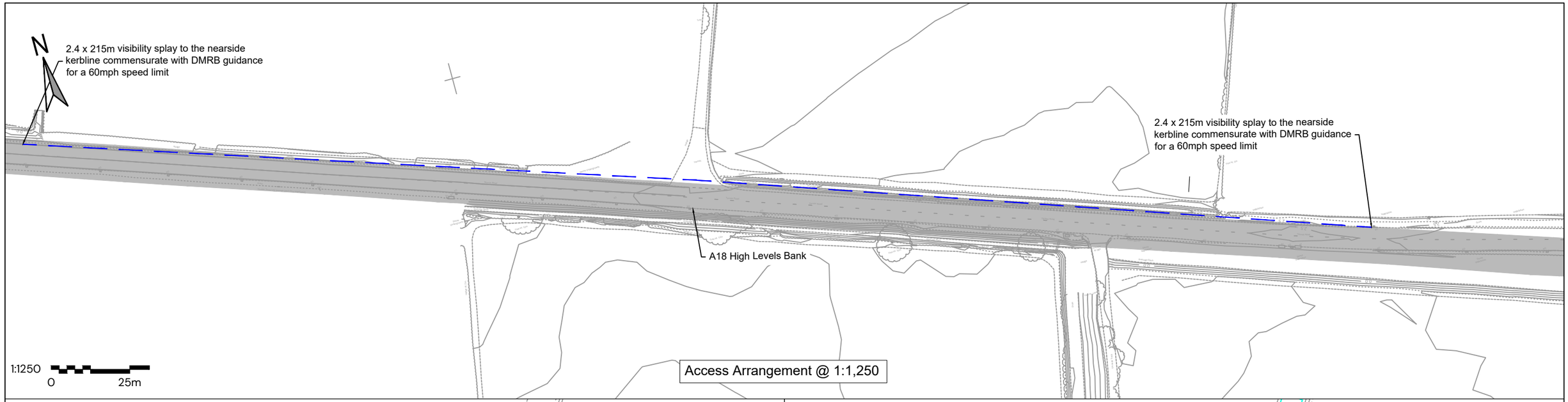
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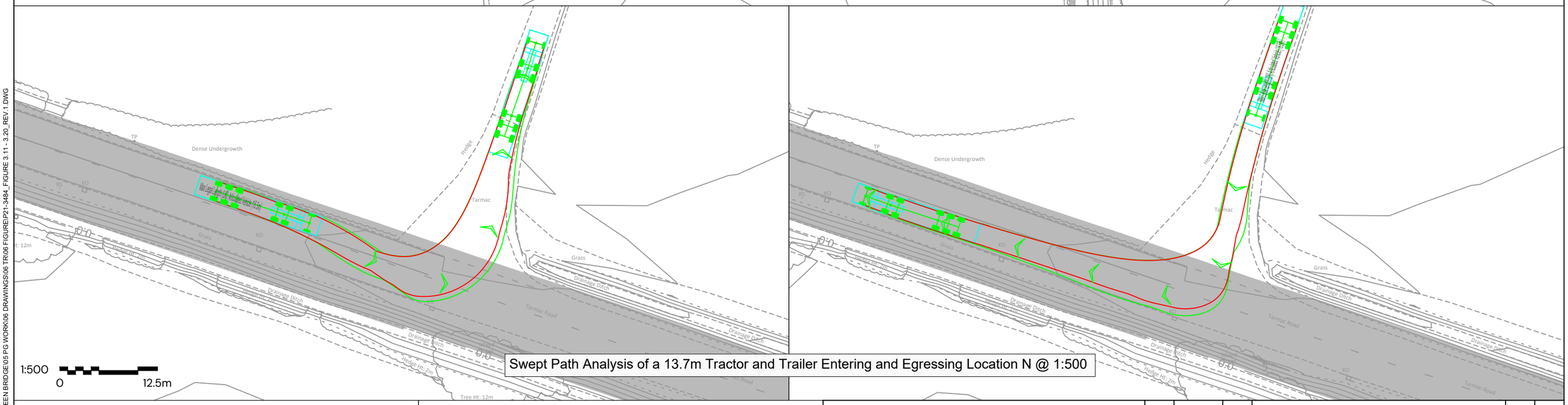
| | | | |
|---|---|---|---|
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| PROJECT: TWEEN BRIDGE SOLAR FARM | DATE: 09/07/2025 | DESIGN-DRAWN: JAN | DRAWING-STATUS: FINAL |
| TITLE: PROPOSED ACCESS ARRANGEMENTS - MASTER | PROJECT No: P21-3484 | DRAWING No: FIGURE 3.1 | REV: 1 |

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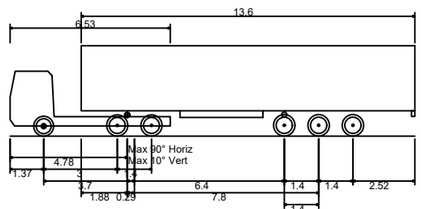

Access Arrangement @ 1:1,250




Swept Path Analysis of a 13.7m Tractor and Trailer Entering and Egressing Location N @ 1:500

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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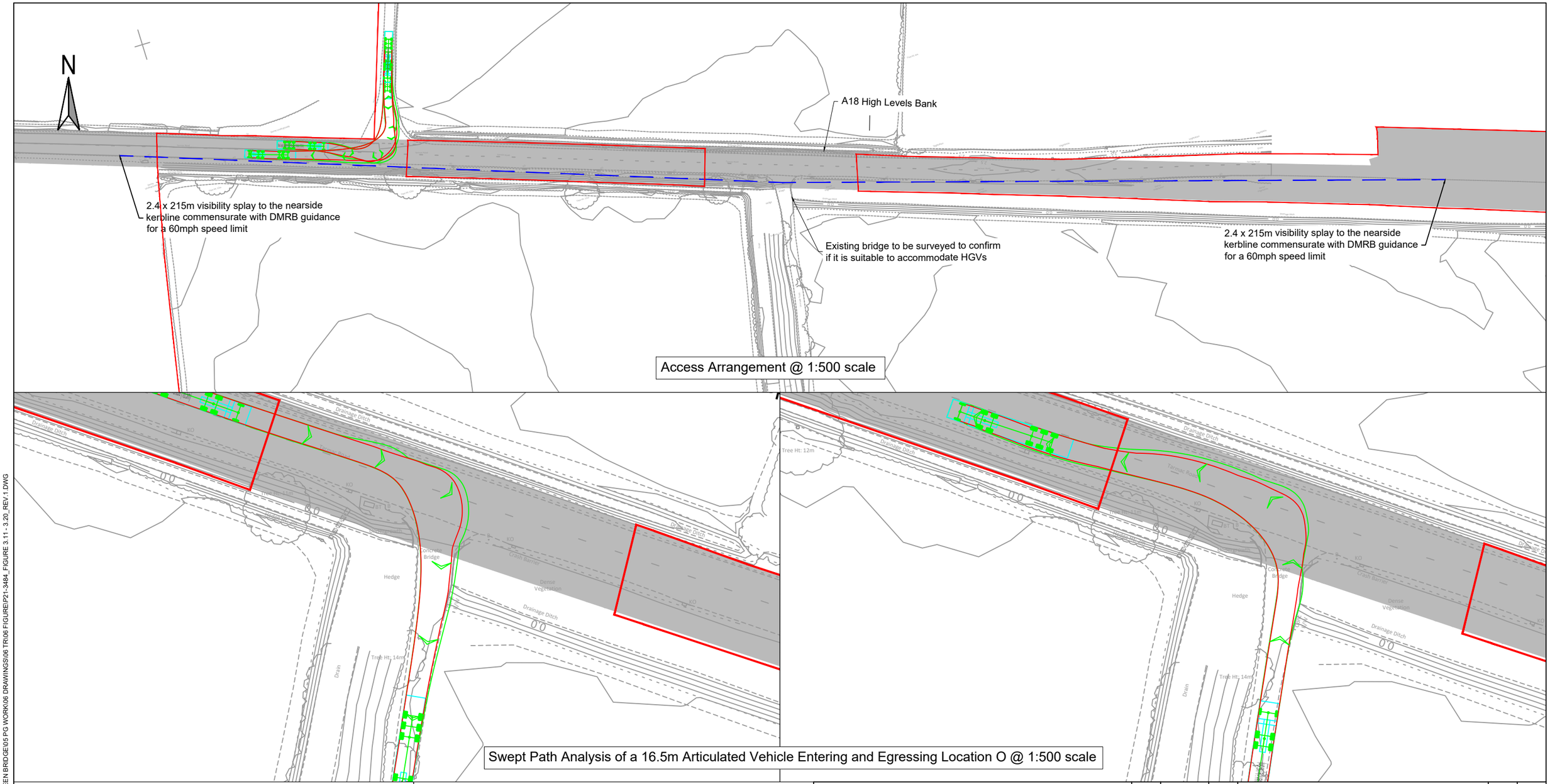
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TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION N

| SCALE @ A3: | CHECKED: | APPROVED: |
|---|---|---|
| AS SHOWN | ADWS | KS |
| **DATE:** | **DESIGN-DRAWN:** | **DRAWING-STATUS:** |
| 09/07/2025 | JAN | FINAL |
| **PROJECT No:** | **DRAWING No:** | **REV:** |
| P21-3484 | FIGURE 3.15 | 1 |

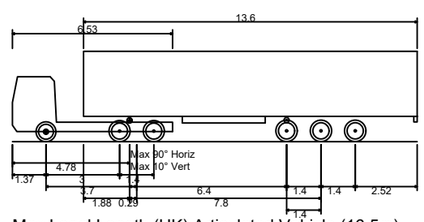
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Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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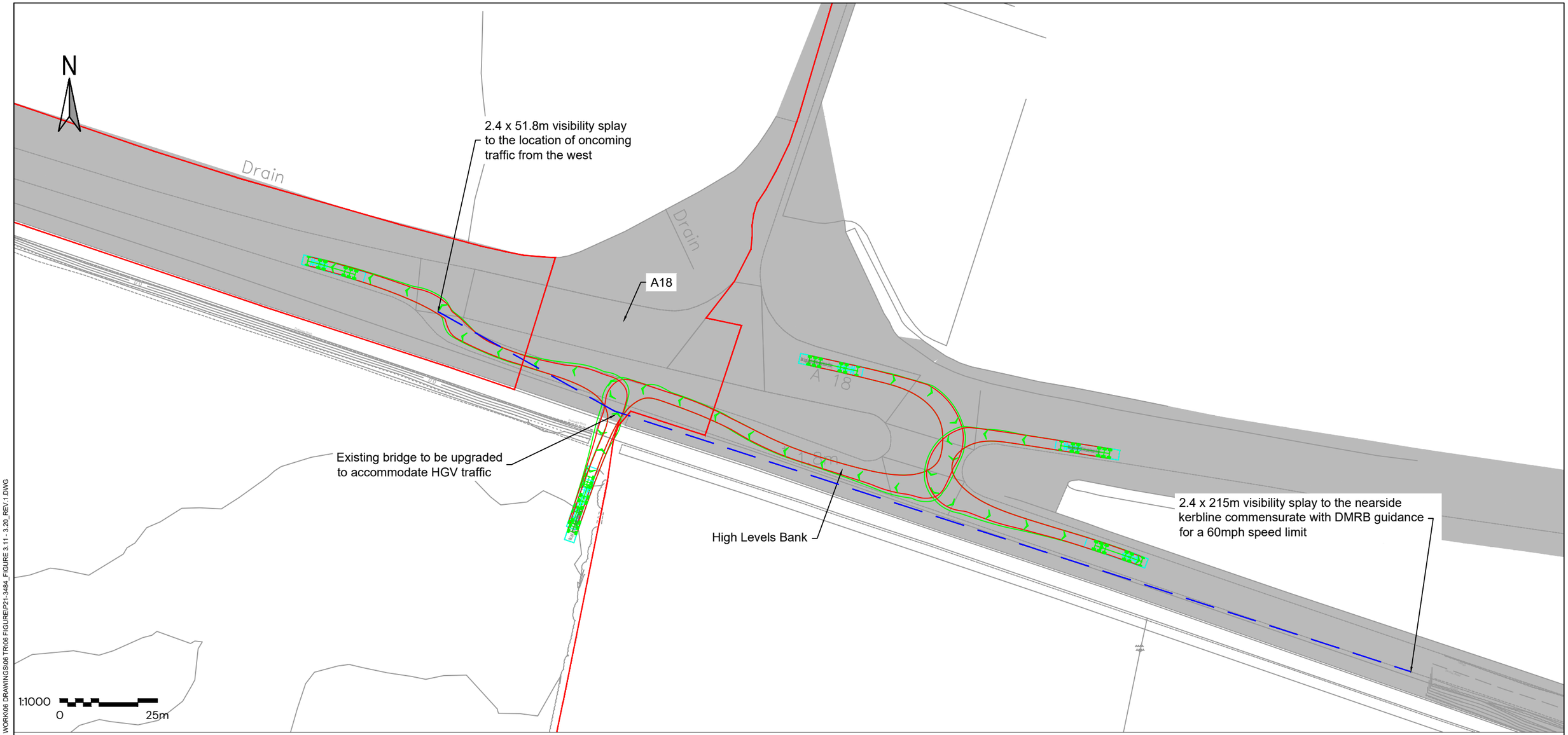
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TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION O

| SCALE @ A3: | CHECKED: | APPROVED: |
|---|---|---|
| AS SHOWN | ADWS | KS |
| DATE: | DESIGN-DRAWN: | DRAWING-STATUS: |
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| PROJECT No: | DRAWING No: | REV: |
| P21-3484 | FIGURE 3.16 | 1 |

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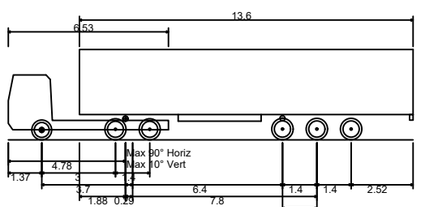
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Swept Path Analysis of a 16.5m Articulated Vehicle Entering and Egressing Location P

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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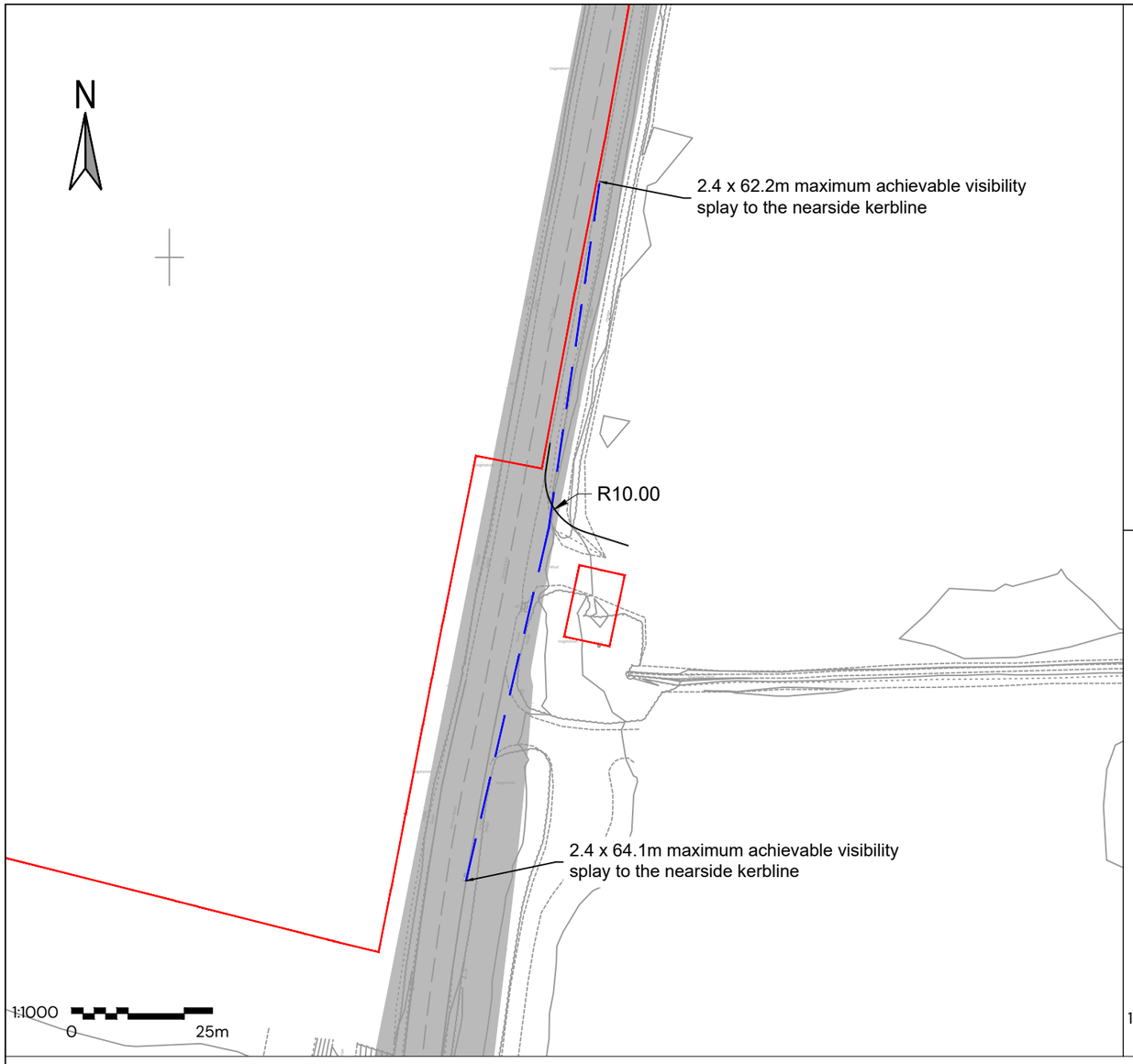
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TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION P

| SCALE @ A3: | CHECKED: | APPROVED: |
|---|---|---|
| 1:1,000 | ADWS | KS |
| DATE: | DESIGN-DRAWN: | DRAWING-STATUS: |
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| PROJECT No: | DRAWING No: | REV: |
| P21-3484 | FIGURE 3.17 | 1 |

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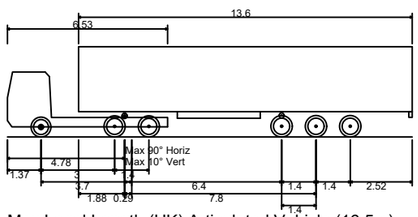

General Arrangement - Location Q
Scale @ 1:1,000




Swept Path Analysis of a 13.7m Tractor and Trailer Entering and Egressing Location Q
Scale @ 1:500

Key:

- Order Limits
- Visibility Splay
- Approximate Extent of Adopted Highway




Max Legal Length (UK) Articulated Vehicle (16.5m)

| | |
|---|---|
| Overall Length | 16.500m |
| Overall Width | 2.550m |
| Overall Body Height | 3.681m |
| Min Body Ground Clearance | 0.411m |
| Max Track Width | 2.500m |
| Lock to lock time | 6.00s |
| Kerb to Kerb Turning Radius | 6.530m |

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TITLE: PROPOSED ACCESS ARRANGEMENTS - LOCATION Q

| SCALE @ A3: | CHECKED: | APPROVED: |
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|---|---|---|
| P21-3484 | FIGURE 3.18 | 1 |

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