



Meridian Solar Farm

EN010169

Volume 6

Environmental Statement

6.3 ES Appendix 15-2: Traffic
and Transport Significance
Tables

APFP Regulation 5(2)(a)

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

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1. Significance Assessment Summary

1.1. Overview

1.1.1. As detailed in **ES Chapter 15: Traffic and Access** (Doc. Ref. 6.1), an Environmental Impact Assessment (EIA) has been carried out for link and junction receptors within the Traffic and Access Study Area for the Scheme.

1.1.2. Impacts on road links and road junctions during the construction and decommissioning of the Scheme have been assessed for the following categories:

- Severance of communities;
- Pedestrian delay (incorporating delay to all non-motorised users);
- Non-motorised user amenity;
- Fear and Intimidation on and by road users;
- Road vehicle driver and passenger delay;
- Road user and pedestrian safety; and
- Hazardous/large loads.

1.1.3. Impacts on PRow receptors during the construction and decommissioning of the Proposed Development have been assessed for the following categories:

- Severance;
- Pedestrian delay;
- Pedestrian and cyclist amenity; and
- Fear and intimidation.

1.1.4. As set out in Section 15.4 of the **ES Chapter 15: Traffic and Access** (Doc. Ref. 6.1), the significance of effect is determined through the consideration of two elements: the sensitivity of the receptor and the magnitude of the impact. Table 1-1. below shows the matrix that has been used to determine the effect category. Effects which are classified as major or moderate are considered to be potentially significant, whereas effects classified as minor or negligible are not considered to be significant.

Table 1-1 Significance Criteria

Sensitivity of Receptor	Magnitude of Change			
	High	Medium	Low	Very Low
High	Major	Major	Moderate	Minor
Medium	Major	Moderate	Minor	Negligible
Low	Moderate	Minor	Negligible	Negligible
Very Low	Minor	Negligible	Negligible	Negligible

1.2. Assessment Results

- 1.2.1. Table 1-2 sets out the significance assessment summary referenced in **ES Chapter 15: Traffic and Access** (Doc. Ref. 6.1). No significant effects have been identified as a result of the Scheme on the assessed categories for traffic and transport.

Table 1-2: Significance Assessment Summary

Ref	Receptor Type	Receptor Name	Severance	Ped Delay	Amenity	Fear and Intimidation	Driver Delay	Road Safety	Hazardous/ Large Loads
L1	Link	A16 Spalding Bypass (North-East of Spalding)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Minor
L2	Link	Cross Gate	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L3	Link	A151 Holbeach Road	Negligible	Negligible	Negligible	Negligible	Negligible	Minor	Negligible
L4	Link	A151 Weston Bypass	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L5	Link	A151 High Road	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L6	Link	Stone Gate	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L7	Link	A16 Spalding Bypass (East of Spalding)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L8	Link	Broadgate	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L9	Link	Delgate Bank (North)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible

Ref	Receptor Type	Receptor Name	Severance	Ped Delay	Amenity	Fear and Intimidation	Driver Delay	Road Safety	Hazardous/ Large Loads
L10	Link	Long Lane	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L11	Link	B1165 Austendike Road	Negligible	Negligible	Negligible	Negligible	Negligible	Minor	Negligible
L12	Link	Delgate Bank (Central)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L13	Link	West Gate	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L14	Link	A16 Spalding Bypass (South-East of Spalding)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L15	Link	A16 Cowbit Road	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L16	Link	B1357 Moulton Chapel Road	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L17	Link	Delgate Bank (South)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L18	Link	A16 Crowland Bypass (Near Crowland Airfield)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L19	Link	Queen's Bank	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible

Ref	Receptor Type	Receptor Name	Severance	Ped Delay	Amenity	Fear and Intimidation	Driver Delay	Road Safety	Hazardous/ Large Loads
L20	Link	Cloot Drove	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L21	Link	Barrier Bank	Minor	Minor	Minor	Negligible	Minor	Minor	Negligible
L22	Link	James Road	Minor	Minor	Minor	Negligible	Minor	Minor	Negligible
L23	Link	Hull's Drove (West)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L24	Link	Martins Road	Minor	Minor	Minor	Negligible	Minor	Minor	Negligible
L25	Link	Hull's Drove (East)	Negligible	Negligible	Negligible	Negligible	Negligible	Minor	Negligible
L26	Link	Eaugate Road	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L27	Link	Chapel Hill	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L28	Link	Chapel Gate	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L29	Link	Dog Drove North	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
L30	Link	Holbeach Drove Gate	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible

Ref	Receptor Type	Receptor Name	Severance	Ped Delay	Amenity	Fear and Intimidation	Driver Delay	Road Safety	Hazardous/ Large Loads
L31	Link	B1166 Long Lane	Minor	Minor	Minor	Negligible	Minor	Minor	Negligible
L32	Link	Langary Gate Road	Minor	Minor	Minor	Negligible	Minor	Minor	Negligible
L33	Link	A16 Crowland Bypass (East of Crowland)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Minor
L34	Link	A16 (South of Crowland)	Negligible	Negligible	Negligible	Negligible	Negligible	Minor	Minor
L35	Link	A16 (North of Peterborough)	Negligible	Negligible	Negligible	Negligible	Negligible	Minor	Minor
J1	Junction	A16 / A151 Roundabout	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
J2	Junction	A151 / High Road Roundabout	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
J3	Junction	A151 / High Road / Stone Gate Junction	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
J4	Junction	A16 / B1165 Low Road Roundabout	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
J5	Junction	A16 / A1175 Roundabout	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible

Ref	Receptor Type	Receptor Name	Severance	Ped Delay	Amenity	Fear and Intimidation	Driver Delay	Road Safety	Hazardous/ Large Loads
J6	Junction	B1168 Raven's Gate / B1165 Raven's Bank	Negligible	Negligible	Negligible	Negligible	Negligible	Minor	Negligible
J7	Junction	A16 / B1357 Moulton Chapel Road / B1357 Stonegate Roundabout	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
J8	Junction	Barrier Bank / Queen's Bank / Wash Bank Junction	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
J9	Junction	B1166 Postland Road / James Road Junction	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
J10	Junction	B1166 Spalding Road / B1166 James Road / James Road Junction	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
J11	Junction	A16 Crowland Bypass / James	Negligible	Negligible	Negligible	Negligible	Negligible	Minor	Negligible

Ref	Receptor Type	Receptor Name	Severance	Ped Delay	Amenity	Fear and Intimidation	Driver Delay	Road Safety	Hazardous/ Large Loads
		Road / Hull's Drove Junction							
J12	Junction	Martins Road / B1166 Hull's Drove Junction	Minor	Minor	Minor	Negligible	Negligible	Minor	Negligible
J13	Junction	B1168 Holbeach Drove Gate / B1166 Drove Road Junction	Minor	Minor	Negligible	Negligible	Negligible	Negligible	Negligible
J14	Junction	Langary Gate Road / B1166 Mill Lane / B1166 Long Lane Junction	Minor	Minor	Minor	Negligible	Minor	Minor	Negligible
J15	Junction	A16 Crowland Bypass / B1040 Nene Terrance Road / B1040 Thorney Road South Junction	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
J16	Junction	A16 / B1443 Thorney Road Roundabout	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible

Ref	Receptor Type	Receptor Name	Severance	Ped Delay	Amenity	Fear and Intimidation	Driver Delay	Road Safety	Hazardous/ Large Loads
P1	PRoW	Crow/11/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P2	PRoW	Crow/12/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P3	PRoW	Crow/17/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P4	PRoW	Crow/17/2	Negligible	Negligible	Negligible	Negligible	-	-	-
P5	PRoW	Flee/6/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P6	PRoW	Flee/7/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P7	PRoW	Flee/8/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P8	PRoW	Flee/8/2	Negligible	Negligible	Negligible	Negligible	-	-	-
P9	PRoW	Holb/14/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P10	PRoW	Holb/15/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P11	PRoW	Whap/1/1	Negligible	Negligible	Negligible	Negligible	-	-	-

Ref	Receptor Type	Receptor Name	Severance	Ped Delay	Amenity	Fear and Intimidation	Driver Delay	Road Safety	Hazardous/ Large Loads
P12	PRoW	Wstn/3/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P13	Common Land	Common Land on Martins Road	Negligible	Negligible	Negligible	Negligible	-	-	-

