



Fosse Green Energy

Preliminary Environmental Information Report

VOLUME

3

**Appendix 13-C: Traffic and
Transport Significance Assessment
Summary**

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1. Significance Assessment Summary

- 1.1.1 As detailed in **PEI Report Volume 1 Chapter 13: Traffic and Transport**, an Environmental Impact Assessment (EIA) has been carried out for receptors within the Site Boundary of the Proposed Development.
- 1.1.2 Impacts on road links and road junctions during the construction and decommissioning of the Proposed Development have been determined 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 determined for the following categories:
- Severance;
 - Pedestrian delay;
 - Pedestrian and cyclist amenity; and
 - Fear and intimidation.
- 1.1.4 As set out in **PEI Report Volume 1 Chapter 5: EIA Methodology**, 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** 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 significant.

Table 1: Significance Criteria

Sensitivity or Value of Resource / 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

- 1.1.5 **Table 2** sets out the significance assessment summary referenced in **PEI Report Volume 1 Chapter 13: Traffic and Transport**. Following the assessment for the Principal Site, no significant impacts have been identified as a result of the Proposed Development on the assessed categories for traffic and transport.

Table 2: Significance Assessment Summary

Receptor Ref.	Receptor Type	Receptor Name	Severance	Ped Delay	Amenity	Fear and Intimidation	Driver Delay	Road Safety	Hazardous or Large Loads
RL1	Link	A46 west of Halfway House Roundabout	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
RL2	Link	Halfway House Lane	Negligible	Minor	Negligible	Negligible	Negligible	Minor	Negligible
RL3	Link	The Avenue	Negligible	Minor	Negligible	Negligible	Negligible	Minor	Negligible
RL4	Link	A46 east of Halfway House Roundabout	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
RL5	Link	Haddington Lane (North of Old Haddington Lane)	Negligible	Negligible	Negligible	Negligible	Negligible	Minor	Negligible
RL6	Link	Fosse Lane (north of Haddington Lane)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
RL7	Link	Old Haddington Lane (between Haddington Lane and A46)	Minor	Minor	Negligible	Negligible	Minor	Negligible	Negligible
RL8	Link	A46 west of Hykeham Roundabout	Negligible	Negligible	Negligible	Negligible	Negligible	Minor	Minor
RL9	Link	Haddington Lane (South of Old Haddington Lane)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
RL10	Link	Stone Lane	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
RL11	Link	Butts Lane	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
RL12	Link	Church Road (between Bridge Road and Royal Oak Lane)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible

Receptor Ref.	Receptor Type	Receptor Name	Severance	Ped Delay	Amenity	Fear and Intimidation	Driver Delay	Road Safety	Hazardous or Large Loads
RL13	Link	Bassingham Road (northeast)	Minor	Minor	Negligible	Negligible	Negligible	Minor	Negligible
RL14	Link	Haddington Lane (south of Stone Lane)	Negligible	Negligible	Negligible	Negligible	Negligible	Minor	Negligible
RL15	Link	Norton Lane	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
RL16	Link	Moor Lane	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
RL17	Link	Bassingham Road (southwest)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
RL18	Link	Clay Lane	Minor	Minor	Minor	Negligible	Minor	Minor	Negligible
RL19	Link	Camp Road (south of Halfway House roundabout)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
RL20	Link	Fosse Lane (between A46 and Haddington Lane)	Negligible	Negligible	Negligible	Negligible	Minor	Negligible	Negligible
RJ1	Junction	Halfway House Roundabout (Halfway House Lane(N)/A46(E)/Unnamed Road(S)/A46(W))	Negligible	Negligible	Negligible	Negligible	Minor	Minor	Negligible
RJ2	Junction	A46 EB On-Slip and Off-Slip (Fosse Lane(N)/Fosse	Negligible	Negligible	Negligible	Negligible	Negligible	Minor	Negligible

Receptor Ref.	Receptor Type	Receptor Name	Severance	Ped Delay	Amenity	Fear and Intimidation	Driver Delay	Road Safety	Hazardous or Large Loads
		Lane(E)/Haddington Lane(S))							
RJ3	Junction	A46 WB On-Slip and Off-Slip (Haddington Lane(W)/Old Haddington Lane(N)/Haddington Lane(E)	Negligible	Negligible	Negligible	Negligible	Minor	Negligible	Negligible
RJ4	Junction	Haddington Lane(N)/Butts Lane(E)/Haddington Lane(S)/Stone Lane(W)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
RJ5	Junction	Bridge Road(N)/Church Road(E)/Bassingham Road(W)	Minor	Minor	Negligible	Negligible	Negligible	Negligible	Negligible
RJ6	Junction	Haddington Lane(E)/Bassingham Road(S)/Moor Lane(W)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
RJ7	Junction	Unnamed Road(N)/Moor Lane(E)/Norton Lane(W)	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
RJ8	Junction	North Hykeham Roundabout (A46(N)/Newark Road/ A46(S)/ Middle Lane)	Negligible	Negligible	Negligible	Negligible	Minor	Minor	Negligible
P1	PRoW	PRoW LL TOTH 6/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P2	PRoW	PRoW LL TOTH 7/2	Negligible	Negligible	Negligible	Negligible	-	-	-

Receptor Ref.	Receptor Type	Receptor Name	Severance	Ped Delay	Amenity	Fear and Intimidation	Driver Delay	Road Safety	Hazardous or Large Loads
P3	PRoW	LL TOTH 15/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P4	PRoW	PRoW LL TOTH 7/3	Negligible	Negligible	Negligible	Negligible	-	-	-
P5	PRoW	PRoW LL TOTH 21/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P6	PRoW	PRoW LL TOTH 6/2	Negligible	Negligible	Negligible	Negligible	-	-	-
P7	PRoW	PRoW LL TOTH 6/3	Negligible	Negligible	Negligible	Negligible	-	-	-
P8	PRoW	PRoW LL TOTH 13/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P9	PRoW	PRoW LL TOTH 6A/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P10	PRoW	PRoW LL TOTH 11/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P11	PRoW	PRoW LL TOTH 12/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P12	PRoW	PRoW LL TOTH 12/3	Negligible	Negligible	Negligible	Negligible	-	-	-
P13	PRoW	PRoW LL Aubo 12/2	Negligible	Negligible	Negligible	Negligible	-	-	-
P14	PRoW	PRoW LL Aubo 11/2	Negligible	Negligible	Negligible	Negligible	-	-	-
P15	PRoW	PRoW LL Aubo 13/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P16	PRoW	PRoW LL Aubo 10/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P17	PRoW	PRoW LL Aubo 8/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P18	PRoW	PRoW LL Bass 23/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P19	PRoW	PRoW LL ThuN 1/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P20	PRoW	PRoW LL ThuN 2/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P21	PRoW	PRoW LL ThuN 5/1	Negligible	Negligible	Negligible	Negligible	-	-	-

Receptor Ref.	Receptor Type	Receptor Name	Severance	Ped Delay	Amenity	Fear and Intimidation	Driver Delay	Road Safety	Hazardous or Large Loads
P22	PRoW	PRoW LL Cole 1/2	Negligible	Negligible	Negligible	Negligible	-	-	-
P23	PRoW	PRoW LL Cole 3/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P24	PRoW	PRoW LL Cole 4/1	Negligible	Negligible	Negligible	Negligible	-	-	-
P25	PRoW	PRoW LL Boog 5/1	Negligible	Negligible	Negligible	Negligible	-	-	-