



Norwich Western Link

Environmental Statement

Chapter 19: Traffic and Transport

Appendix 2: Non-Motorised User Sensitivity Assessment

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1 Introduction

1.1 Receptor Sensitivity

- 1.1.1 This document contains a table showing the sensitivity of different receptors to traffic and transport effects. The value of sensitivity of a receptor (thus High, Medium, Low or Very Low) is based on the presence of sensitive receptors such as hospitals, schools, nurseries, nursing homes, a high concentration of residential dwellings, facilities and amenities, areas with high tourist footfall, significant pedestrian/cycle desire lines.
- 1.1.2 Higher sensitivity can also be due to the lack of infrastructure such as limited separation provided by the highway environment (e.g., no footway provision / cycle provision) in an area where there are significant pedestrian / cycle desire lines.

Table 1 - Non-Motorised User Sensitivity Classification

Link ID	2 way DM AADT	2 way DS AADT	2 way DS+M Hon	DS+M minus DM (%)	DS+M minus DM (%)	Street Name	Junction or Between	Receptor Sensitivity	Reason
14	1540	1870	1960	27%	21%	Black Kiln Road	B1149	Low	Low sensitive receptors (e.g. small concentration of residential dwellings, facilities and amenities, few pedestrian / cycle desire lines etc)
16	3890	6170	1450	-63%	59%	Shortthorn Road	B1149 & Serpentine Lane	Medium	No separation from traffic provided by the highway environment (e.g. narrow, intermittent footway provision close to carriageway, substandard pedestrian and cycle provision) in an area where there are some pedestrian / cycle desire lines
18	1130	1920	1190	5%	70%	Bell Road	Mill Road & Norwich Road	High	High sensitive receptors (schools, nurseries, a high concentration of residential dwellings and facilities and amenities, footfall, significant pedestrian/cycle desire lines etc.)
20	960	1700	880	-8%	77%	Honingham Road	Mill Road	Medium	Rural, with some sensitive receptors (e.g residential dwellings, facilities and amenities and with some pedestrian / desire lines etc)
24	7710	8200	8000	4%	6%	Low Road	Hospital Lane	Medium	Rural, with some sensitive receptors (e.g residential dwellings, facilities and amenities and with some pedestrian / desire lines etc)
64	160	320	240	50%	100%	Ringland Lane	The Street & Church Street	Very Low	No sensitive receptors (e.g., no residential dwellings, facilities and amenities and no pedestrian / desire lines etc) such as a rural area.
92	1920	2840	2190	14%	48%	Mattishall Road	Norwich Road & Barnham Broom Road	Low	Low sensitive receptors (e.g. small concentration of residential dwellings, facilities and amenities, few pedestrian / cycle desire lines etc)

Link ID	2 way DM AADT	2 way DS AADT	2 way DS+M Hon	DS+M minus DM (%)	DS+M minus DM (%)	Street Name	Junction or Between	Receptor Sensitivity	Reason
103	270	990	660	144%	267%	Norwich Road / Dereham Road	Berrys Lane & A47	High	High sensitive receptors (schools, nurseries, high concentration of residential dwellings and facilities and amenities, significant pedestrian/cycle desire lines etc.)
108	1890	2460	2580	37%	30%	Burgh Lane	Dereham Road & Mattishall Lane	Medium	Rural, with some sensitive receptors (e.g residential dwellings, facilities and amenities and with some pedestrian / desire lines etc)
109	2390	2730	3000	26%	14%	South Green / Mill Street	South of Norwich Road	High	High sensitive receptors (high concentration of residential dwellings and facilities and amenities, some pedestrian/cycle desire lines etc.)
117	4940	4850	4900	-1%	-2%	The Common	East of Heath Road	High	High sensitive receptors (high concentration of residential dwellings and facilities and amenities, some pedestrian/cycle desire lines etc.)
118	4940	4850	4900	-1%	-2%	Heath Road	The Common & Blind Lane	Medium	Rural, with some sensitive receptors (e.g residential dwellings, facilities and amenities and with some pedestrian / desire lines etc)
140	2360	2840	2750	17%	20%	A47	Taverham Road & Dereham Road	Very Low	No sensitive receptors (e.g., no residential dwellings, facilities and amenities and no pedestrian / desire lines etc) such as a rural area.
165	1510	3040	1120	-26%	101%	Old Fakenham Road	Fakenham Road & Station Road	High	High sensitive receptors (schools, nurseries, high concentration of residential dwellings and facilities and amenities, significant pedestrian/cycle desire lines etc.)
228	4510	8140	4350	-4%	80%	Taverham Road	The Street & Reepham Road	High	High sensitive receptors (schools, nurseries, high concentration of residential dwellings and facilities and amenities, significant pedestrian/cycle desire lines etc.)

Link ID	2 way DM AADT	2 way DS AADT	2 way DS+M Hon	DS+M minus DM (%)	DS+M minus DM (%)	Street Name	Junction or Between	Receptor Sensitivity	Reason
230	5120	8340	4160	-19%	63%	The Street, Felthorpe	Mill Lane & Bilney Lane	High	High sensitive receptors (schools, nurseries, high concentration of residential dwellings and facilities and amenities, significant pedestrian/cycle desire lines etc.)
248	16010	39460	39660	148%	146%	A1270	Fakenham Road & Fir Covert Road	Very Low	No sensitive receptors (e.g., no residential dwellings, facilities and amenities and no pedestrian / desire lines etc) such as a rural area.
254	27920	36470	40040	43%	31%	A1270	Reepham Road & Drayton Lane	Very Low	No sensitive receptors (e.g., no residential dwellings, facilities and amenities and no pedestrian / desire lines etc) such as a rural area.
255	27920	36470	40040	43%	31%	A1270	Reepham Road & Drayton Lane	Very Low	No sensitive receptors (e.g., no residential dwellings, facilities and amenities and no pedestrian / desire lines etc) such as a rural area.
262	330	1630	1310	297%	394%	Norwich Road / Dereham Road	Wood Lane & A47	Medium	Rural, with some sensitive receptors (e.g residential dwellings, facilities and amenities and with some pedestrian / desire lines etc)