



MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Environmental Statement

Volume 3, Annex 7.3: Description of network links and sensitivity



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Glossary

Term	Meaning
Baseline	The status of the environment without the Transmission Assets in place.
Collision	The act or process of colliding (crashing) between two moving objects.
Morgan and Morecambe Offshore Wind Farms: Transmission Assets	The offshore and onshore infrastructure connecting the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm to the national grid. This includes the offshore export cables, landfall site, onshore export cables, onshore substations, 400 kV grid connection cables and associated grid connection infrastructure such as circuit breaker compounds. Also referred to in this report as the Transmission Assets, for ease of reading.
National Grid Penwortham substation	The existing National Grid substation at Penwortham, Lancashire.

Acronyms

Acronym	Meaning
ES	Environmental Statement
NSL	National Speed Limit

Units

Unit	Description
m	Metre (distance)
mph	Miles per hour

1 Description of network links and sensitivity

1.1 Introduction

1.1.1.1 This document forms Volume 3, Annex 7.3: Description of network links and sensitivity of the Environmental Statement (ES) prepared for the Morgan and Morecambe Offshore Wind Farms: Transmission Assets (referred to hereafter as the Transmission Assets). It presents a description of network links and their sensitivity and has been used to characterise the transport baseline and assessment as set out in Volume 3, Chapter 7: Traffic and transport of the ES. The links are set out below in **Table 1.1**.

1.1.1.2 The description of the links incorporates the following aspects:

- link type;
- typical width;
- forward visibility;
- footways;
- street lighting;
- on-street parking;
- speed limit; and
- frontage access.

1.1.1.3 The sensitivity assigned to each link has been determined in accordance with Table 7.18 within Volume 3, Chapter 7: Traffic and transport of the ES.

1.1.1.4 The links included in **Table 1.1** have been determined based upon the routing of construction vehicles along the adjacent highway network and the sections of highway (links) that form this. The location of the highway link references listed in **Table 1.1** is shown on **Figure 1.1**.

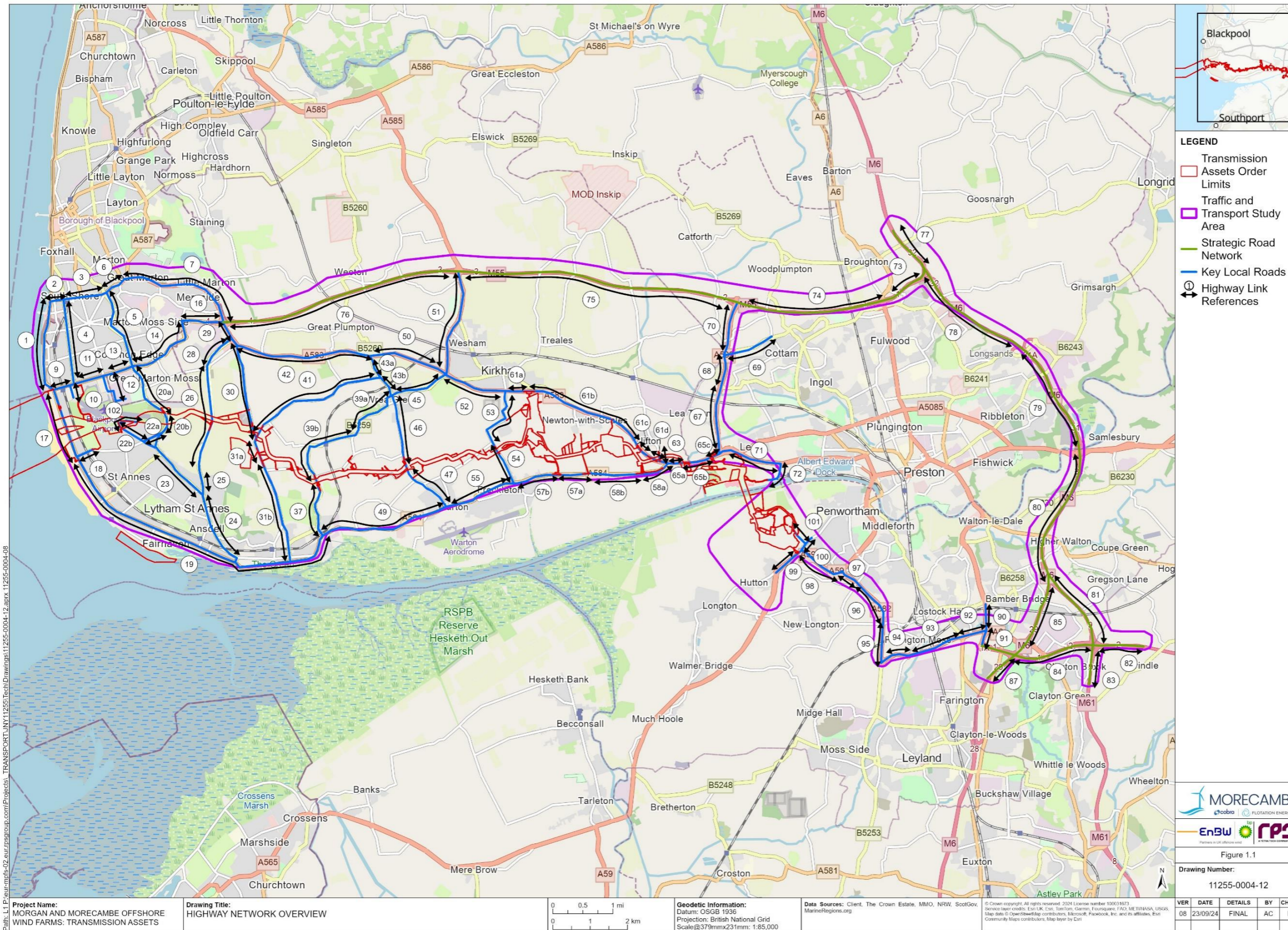


Figure 1.1: Highway network overview

Table 1.1: Description of network links and sensitivity

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L1	A584 between Waterloo Road and Squires Gate Lane	Single carriageway road	12	Good	Y	Y	-Y	30 miles per hour (mph)	Y	High – 30 mph restricted single carriageway road within residential and commercial area along the seafront with high footfall and on-street parking.
L2	Waterloo Road between A585 and B5262 roundabout	Single carriageway road (one direction only)	4.6	Good	Y	Y	Y	20 mph	Y	Medium – One way only, 20 mph restricted single carriageway road within commercial area. Shop frontage along length but adequate footway provision for its use and footfall.
L3	A5073 Waterloo Road between B5262 roundabout and B5261	Single carriageway road	10	Good	Y	Y	Y	30 mph	Y	Medium – 30 mph restricted single carriageway road within residential area and commercial area, good footway provision for its use

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
										and footfall. Frontage to residential dwellings with some on-street parking.
L4	B5262 between A5073 Waterloo Road and A5230 Squires Gate Lane	Single carriageway road	10	Good	Y	Y	Y	30 mph	Y	High – 30 mph restricted single carriageway road within residential area with good/adequate footway provision commensurate for its use and footfall. Frontage to residential dwellings. Some on-street parking. School and park located along link.
L5	B5261 between A5073 Waterloo Road and A5230 Squires Gate Lane	Single carriageway road	8	Good	Y	Y	Y	30 mph	Y	High – 30 mph restricted single carriageway road within residential area with frontage to residential dwellings. School and church along link. Unsegregated cycleways and on-

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
										street parking. Adequate footway provision commensurate with use and footfall.
L6	A5073 Waterloo Road between B5261 roundabout and Preston New Road	Single carriageway road	11	Good	Y	Y	Y	30 mph	Y	Medium – 30 mph single carriageway road within residential area with frontage to residential dwellings. Unsegregated cycleways and on-street parking. Adequate footway provision commensurate with use and footfall.
L7	A583 between B5390 and M55 J4	Dual carriageway road	7	Good	Y	Y	N	30 mph/40 mph	Y	Medium – 30-40 mph restricted dual carriageway road within residential area with some frontage to residential dwellings. Some unsegregated cycleways but adequate footway

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
										provision commensurate for its use and footfall.
L9	A5230 Squires Gate Lane between A584 Clifton Drive N and Westgate Road	Dual carriageway road	4.5 - 6.5	Good	Y	Y	Y	30 mph	Y	Medium – 30 mph restricted dual carriageway road in built up area with footway provision commensurate with use and footfall.
L10	Westgate Road	Single carriageway road	8.5	Good	Y	Y	Y	30 mph	Y	High – 30 mph restricted single carriageway road with residential dwellings with frontage access on both sides of carriageway with access provided along link to other residential roads. On-street parking on both sides of carriageway and footway provision commensurate with use and footfall.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L11	A5230 Squires Gate Lane between Westgate Road and Amy Johnson Way	Dual carriageway road	7.5	Good	Y	Y	Y	30 mph	Y	Medium – 30 mph restricted dual carriageway road in built up area with footway provision commensurate with use and footfall. Residential dwellings with frontage access. Some on-street parking and unsegregated cycleways at parts.
L12	Amy Johnson Way	Single carriageway road	6.5	Good	Y	Y	Y	30 mph	Y	Low – 30 mph restricted single carriageway road in industrial area with footway provision commensurate with footfall and use.
L13	A5230 Squires Gate Lane between Amy Johnson Way and B5261	Dual carriageway road	6.5	Good	Y	Y	Y	30 mph	Y	High – 30 mph restricted dual carriageway road within a residential built-up area with some frontage to residential dwellings but footway provision not

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
										commensurate with footfall and use.
L14	A5230 Progress Way between B5261 and Ashworth Road Roundabout	Dual carriageway road	7.5	Good	Y - segregated from carriageway	Y	N	40 mph	N	Low – 40 mph restricted dual carriageway road with footways provided in places commensurate to footfall and use.
L16	A5230 Progress Way between Ashworth Road roundabout and M55 J4	Dual carriageway road	7.5	Good	N	Y	N	National speed limit (NSL)	N	Low – dual carriageway road subject to NSL of 70mph, low instances of road collisions and clusters with no other sensitive receptors.
L17	A584 Clifton Drive North between A5230 Squires Gate Lane and North Beach Car Park	Single carriageway road	9	Good	Y	Y	N	30 mph	Y	Medium – 30 mph restricted single carriageway road. Receptors with some sensitivity to traffic flows within a residential built-up area. Footway provision commensurate with footfall and use.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
										Unsegregated and off-road cycleways.
L18	Highbury Road West between A584 and St Anne's Old Links Golf Club	Single carriageway road	7.5	Good	Y	Y	Y	30 mph	Y	Medium – 30 mph restricted single carriageway road within a residential area with frontage to residential dwellings and on-street parking. Footways commensurate with footfall and use. Some on street parking along link and some instances of road collisions and clusters.
L19	A584 Clifton Drive North between North Beach Car Park and Saltcotes Road	Single carriageway road	9.5	Good	Y	Y	Y	30 mph	Y	High – 30 mph restricted single carriageway road. Built up residential area, with extensive frontage to residential dwellings and a school and hospital along link. Section of link within built up areas and commercial areas.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
										On-street parking and unsegregated cycleways.
L20a	B5261 Queensway between A5230 Waterloo Road and accesses A7 / A8	Single carriageway road	7	Good	Y	Y	Y - limited	30 mph	Y	Medium – 30 mph restricted single carriageway road; initial section of link is residential with on-street parking. Footway provision is commensurate with footfall and use.
L20b	B5261 Queensway between accesses A7 / A8 and Kilnhouse Lane	Single carriageway road	7	Good	Y	Y	Y - limited	40 mph	N	Low – 40 mph restricted single carriageway road, some accesses to residential areas but no residential frontage. Footways are commensurate with footfall and use. Some segregated cycleways along parts of link.
L22a	Kilnhouse Lane from B5261 Queensway and Blackpool	Single carriageway road	8	Good	Y	Y	Y	30 mph	Y	Medium –30 mph restricted single carriageway roads within a residential area with some industrial and

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
	Road North junction.									commercial units. Some areas with on-street parking. Footway provision commensurate with footfall and use.
L22b	Blackpool Road North from Kilnhouse Lane junction and access A5	Single Carriageway Road	8	Good	Y	Y	Y	20 mph	Y	High –20 mph restricted single carriageway roads within a residential area with a park along link. Some areas with on-street parking. Footway provision commensurate with footfall and use.
L23	B5261 Heyhouses Lane between Blackpool Road North and B5410 junction	Single carriageway road	7.5	Good	Y	Y	Y	30 mph	Y	Medium – 30 mph restricted single carriageway road within residential area with some sensitive receptors including restaurants and shops. Some on-street parking and footway provision generally separated from the

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
										carriageway by verges and commensurate with footfall and use. Some unsegregated cycleways.
L24	B5261 Heyhouses Lane between B5410 junction and A584 Clifton Drive	Single carriageway road	6.5	Good	Y	Y	Y - limited	30 mph	Y	Medium – 30 mph restricted single carriageway road within residential area with some sensitive receptors including restaurants, churches, and shops. Some on-street parking but footway provision separated from the carriageway by a verge on one side and commensurate with footfall and use.
L25	B5410 Lytham St Annes Way between B5261 Heyhouses Lane junction and Moss Hall Lane	Single carriageway road	7.5	Good	Y	Y	Y - limited	30 mph	N	Low – 30 mph restricted single carriageway road, some accesses to residential areas but no residential frontage. Some on-

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
										street parking, footways are commensurate with footfall and use. Some unsegregated cycleways along parts of link.
L26	B5410 Lytham St Annes Way from Moss Hall Lane and roundabout with School Road	Single carriageway road	Under construction	Good	Under construction	Under construction	Under construction	Under construction	N	Low –M55 Heyhouses Link Road. Single carriageway road with no frontage access and shared use footway/ cycleway generally segregated from the carriageway by a verge.
L28	B5410 Lytham St Annes Way between roundabout with School Road and Preston New Road roundabout	Single carriageway road	7.5	Good	Y	Y	Y	40 mph	N	Low – 40 mph restricted single carriageway road with adequate footway provision for footfall and use.
L29	A583 Preston New Road between B5410 Lytham St	Dual carriageway road	8.5	Good	Y	Y	N	40 mph	N	Negligible - No sensitive receptors directly along link however footways

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
	Annes Way roundabout and M55 J4 roundabout									provided to bus stop and nearby residential area which is commensurate with footfall and use.
L30	Peel Road between Ballam Road and Preston New Road	Single carriageway road	5.5	Good	Y - footways provided along north of the road	N	N	40 mph	Y - residential in the north	Low – 40 mph restricted single carriageway road. No footways at locations, limited in some areas commensurate with demand.
L31a	Ballam Road between Peel Road and accesses A16 / A19	Single carriageway road	6.5	Good	Y	Y	N	30 mph/40 mph /NSL	Y - limited	Low - Single carriageway road with variance in speed restrictions at different sections. Some residential frontage but with lighting and commensurate footway provision in locations of demand.
L31b	Ballam Road between accesses A16 /	Single Carriageway Road	6.5	Good	Y	Y	Y	30mph / NSL	Y	High – Single carriageway road, derestricted in speed initially

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
	A19 and A584 East Beach									becoming restricted to 30 mph at southern end. Golf course located along link. On street parking, frontage access to residential dwellings and some sensitive receptors including a primary school, a park, shops, and restaurants at southern end of link. Footway provision commensurate with footfall.
L37	Saltcotes Road between A584 Preston Road and accesses A25 / A28	Single carriageway road	6.5	Good	Y - eastern side	Y	Y	30 mph/NSL	Y	Medium – Single carriageway road with some speed restriction variances . Some sensitive receptors including residential areas, with footway provision commensurate with footfall and use.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L39a	B5259 Saltcotes Road between B5260 Station Road and Corka Lane Access	Single carriageway road	5.5	Good - limited through Wrea Green due to bends.	Y	Y – through Wrea Green	Y	NSL –20 mph into Wrea Green	Y – through Wrea Green	High - Single carriageway road with variances in speed restriction. Within Wrea Green receptors of high sensitivity including a school with limited footway provision.
L39b	B5259 Saltcotes Road between Corka Lane Access and accesses A25 / A26.	Single carriageway	5.5	Good – limited through Moss Side and bends.	Y	Y – through Moss Side	N	NSL -30 mph through Moss Side	Y – through Moss Side	Medium – Single carriageway road with variances in speed restrictions. Some sensitive receptors through Moss Side with railway crossing and residential dwellings with frontage access and limited footway provision.
L41	Ballam Road between Peel Road and Fox Lane Ends	Single carriageway road	6	Good	Footway provided through Westby to Fox Lane Ends junction.	N	N	40 mph	Y - through Westby	Low – Single carriageway road restricted to 40 mph with limited frontage access and footway provision commensurate for use and demand.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L42	A583 Preston New Road between B5410 Lytham St Annes Way roundabout and Fox Lane Ends	Single carriageway road	12.5	Good	Y	Y	N	40 mph	Y - two residential dwellings	Low – Single carriageway road restricted to 40 mph. Some frontages to residential dwellings. Footway provision commensurate for use and demand.
L43a	B5260 Fox Lane Ends between A583 Preston New Road and Ballam Road	Single carriageway road	7	Good	Y	Y – around A583 Preston New Road junction	N	NSL/30 mph	Y	Negligible – Single carriageway road derestricted. Limited frontage access to residential and agricultural units. Footway provision commensurate with footfall.
L43b	B5260 Fox Lane Ends between Ballam Road and B5259 Ribby Road roundabout	Single carriageway road	6	Good	Y	Y	Y	30 mph/20 mph	Y	High – Single carriageway road. Some receptors of high sensitivity through Wrea Green including pub, school, and restaurant with frontage access. Limited footway provision through Wrea Green.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L45	B5259 Ribby Road between B5260 Station Road mini roundabout and A583 Blackpool Road	Single carriageway road	6.5	Good	Y	Y	N	20 mph through Wrea Green, 30 mph through Ribby and 40 mph leading to junction	Y	High – Single carriageway road. Some receptors of high sensitivity including residential dwellings with frontage access, church, and village green with limited footway provision Sensitivity decreases towards Ribby.
L46	Bryning Lane between B5260 Station Road roundabout and accesses A34 / A37	Single carriageway road	5.5	Good	Y	Y	N	20 mph/ 30 mph/NSL	Y	High - Single carriageway road. Receptors of high sensitivity including residential dwellings with frontage access, post office and village green with limited footway provision. South of Wrea Green residential area continues with limited footway provision at some locations.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L47	Bryning Lane between accesses A34 / A37 and A584 Lytham Road	Single carriageway road	5.5	Good - can be limited through bends	Y - stops south of Kellamergh Park	Y - stops around The Birley Arms	Y - through residential area towards Lytham Road	20 mph/ 30 mph/ 40 mph/ NSL	Y	High - Single carriageway road with variances in speed restriction. Towards Lytham Road some receptors including frontage to residential dwellings, on-street parking and a church. Some areas with limited footway provision.
L49	A584 Preston Road between Saltcotes Road and Church Road	Single carriageway road	8	Good	Y	Y	N	30 mph/ 50 mph	Y	High - Single carriageway road with speed restrictions between 30 mph and 50 mph. Some residential and commercial areas. Some receptors including school and nursery with footway provision commensurate with footfall and use.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L50	A583 Blackpool Road between Fox Lane Ends and A585 roundabout	Single carriageway road	13	Good	Y	Y	N	50 mph	N	Medium – Single carriageway road restricted to 50 mph. Some frontages to residential dwellings. Footway provision generally commensurate for use and demand with some areas of limitations. Unsegregated cycleways along length.
L51	A585 between A583 Blackpool Road and J3 of M55	Single carriageway road	7	Good	Intermittent	Y	N	50 mph	N	Low - Some receptors set back from the carriageway including retail park with Aldi and fast-food restaurants, some commercial dwellings, and a football club. Footway provision commensurate with footfall and use.
L52	A583 Blackpool Road between	Dual carriageway road / Single	12	Good	Y	Y	N	50 mph	N	Low – 50 mph single carriageway

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
	A585 and Kirkham Road	carriageway road								road with section of dual carriageway road. Grammar school segregated from link by hedgerow however may create footfall onto this link.
L53	Kirkham Road between A583 Kirkham Bypass and accesses A42 / A43	Single carriageway road	6	Good but limited at bends around HMP Kirkham	Y	Y	N	40 mph	Y	Medium – 40 mph restricted single carriageway road within residential area at some locations. Some narrow footways in locations. Access to HMP Kirkham along link.
L54	Kirkham Road between accesses A52 / A53 and A584 Preston New Road	Single carriageway road	7.5	Good	Y	Y	Y	30 mph (20 mph through school zone)	Y	High – Single carriageway road restricted to 30 mph and 20 mph during school times in school zone. Towards A584 sensitive receptors including school and frontage access to residential dwellings with on-street

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
										parking. Some areas of limited footway provision.
L55	A584 Preston New Road between Church Road and Kirkham Road	Single carriageway road / Dual carriageway road	10	Good	Y	Y	Y	30 mph/ 50 mph	Y	High - Single carriageway to dual carriageway road with speed restriction of 30 mph to 50 mph respectively. Some sensitive receptors including a school, shops and restaurants but footway provision commensurate with footfall and use.
L57a	A584 Preston New Road between accesses A48 / Morecambe substation access and A49	Dual carriageway road	7.5	Good	Y - along the edge on the southern side and intermittent on northern side	N	N	50 mph	N	Low - 50 mph restricted dual carriageway road with limited frontage access to residential dwellings. Footway provision is intermittent but commensurate with use and demand. Unsegregated cycleways along length.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L57b	A584 Preston New Road between Kirkham Road and access A48	Dual carriageway road	7.5	Good	Y - along the edge on the southern side and intermittent on northern side	Y - Lighting provided through Freckleton	N	50 mph	Y - through Freckleton	Low - 50 mph restricted dual carriageway road with limited frontage access to residential dwellings. Good footway provision commensurate with use and demand in Freckleton. To the east of Freckleton footway provision is intermittent and narrow at places but commensurate with use and footfall. Unsegregated cycleways along length.
L58a	A584 Preston New Road between A583 Blackpool Road and access A51	Dual carriageway road	7.5	Good	Y - Provided towards A583 junction.	N	N	50 mph	N	Negligible - No sensitive receptors.
L58b	A584 Preston New Road between	Dual carriageway road	7.5	Good	Y - becomes intermittent between	N	N	50 mph	Y	Low – 50 mph dual carriageway road. Small area of

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
	accesses A49 / A51				Clifton Business Park and The Courtyard Café.					commercial units with access from link. Footway provision on southern side of carriageway, becomes intermittent between Clifton Business Park and The Courtyard Café access commensurate with use and demand.
L61a	A583 Kirkham Bypass between Freckleton/Kirkham Road and access Morgan substation access.	Single carriageway	12	Good	Y – on the northern side.	Y	N	50 mph	N	Negligible - Single carriageway road with speed restriction of 50 mph. Good footway provision commensurate with footfall and use.
L61b	A583 Kirkham Bypass between Morgan substation access and access A50	Single carriageway road	12	Y	Y	Y	N	50 mph	Y	Low – Single carriageway road with speed restriction of 50 mph. Limited receptors including limited dwellings with frontage

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
										access. Sections with unsegregated cycleways.
L61c	A583 Kirkham Bypass between access A50 and accesses A52 / A53	Single carriageway road	10	Y	Y	Y	N	50mph	Y	Low – Single carriageway road with speed restriction of 50 mph. Limited receptors along link. Sections with unsegregated cycleways.
L61d	A583 Kirkham Bypass between accesses A52 / A53 and Preston New Road	Single carriageway road	13	Y	Y	Y	N	50 mph	N	Negligible – Single carriageway road with 50 mph speed restriction. Footway provided on southern side of carriageway, commensurate with footfall.
L63	Lodge Lane between accesses A55 and A583	Single carriageway road	7	Good	Y	N	N	50 mph speed limit changes just south of access to 30 mph	N	Low – 30 mph single carriageway road with narrow footway along link commensurate with use and demand.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L65a	A583 Blackpool Road between Preston New Road and access A56	Single carriageway road	13	Good	Y – along the edge to the south	Y	N	50 mph	N	Low – 50 mph single carriageway road Footway provided on southern side of carriageway commensurate with use and demand.
L65b	A583 Blackpool Road between accesses A56 / A57	Single carriageway road	13	Good	Y – along the edge to the south	Y	N	50 mph	Y	Low – 50 mph single carriageway road with limited receptors along link. Footway provided on southern side of carriageway.
L65c	A583 Blackpool Road between access A57 and Preston Western Distributor	Single carriageway Road / Dual carriageway road	13	Good	Y – along the edge to the south	Y	N	50 mph	Y	Low – 50 mph single carriageway road becoming a dual carriageway road towards Preston Western Distributor. Footway provided on southern side of carriageway commensurate with use and demand.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L67	Preston Western Distributor Road between A583 and Cottom Link Road	Dual carriageway road	10	Good	Y	N – Only around junctions.	N	50 mph	N	Negligible - No sensitive receptors – Recently opened Preston Western Distributor road.
L68	Preston Western Distributor Road between Cottom Link Road and East-West Link Road	Dual carriageway road	11	Good	Y	N – Only around junctions.	N	50 mph	N	Negligible - No sensitive receptors – Recently opened Preston Western Distributor road.
L69	William Young Way between A582 Edith Rigby Way and Sandly Lane	Single carriageway road	7.5	Good	Y	Y	N	40 mph	N	Negligible - No sensitive receptors – Recently opened Preston Western Distributor road.
L70	Preston Western Distributor Road between East-West Link Road and M55 J2	Dual carriageway road	10	Good	N	N – Only around junctions	N	50 mph	N	Negligible - No sensitive receptors – Recently opened Preston Western Distributor road.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L71	A585 Riverways between Preston Western Distributor and Nelson Way	Dual carriageway road	7.5	Good	Y - along the edge to the south	Y	N	50 mph	N	Negligible - No sensitive receptors – part recently opened as part of Preston Western Distributor road.
L72	Nelson Way from A583 Riversway to access A58	Single carriageway road	9	Good - on-street parking and bends in road limit visibility closer to the access	Y	Y	Y	30 mph	N	Low - 30 mph restricted single carriageway road within an industrial area. Limited receptors including an industrial park. Street lighting and footways provided commensurate with footfall and use. Some on street parking.
L73	M55 between M6 J32 and M55 J1	Trunk road - dual carriageway - four lanes at places due to joining lanes from M6	15	Good	N	Y	N	NSL	N	High - a junction where congestion can occur.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L74	M55 between J1 (A6) and J2 (Preston Western Distributor)	Trunk road - motorway	11	Good	N	Only around junctions	N	NSL	N	Negligible - No sensitive receptors.
L75	M55 between J2 (Preston Western Distributor) and J3 (A585)	Trunk road - motorway	11	Good	N	Only around junctions	N	NSL	N	Negligible - No sensitive receptors.
L76	M55 between J3 (A585) and J4 (Preston New Road)	Trunk road - motorway	11	Good	N	Only around junctions	N	NSL	N	Negligible - No sensitive receptors.
L77	M6 (north of M55 junction)	Trunk road - motorway	11	Good	N	Only around junctions	N	NSL	N	High - a junction where congestion can occur.
L78	M6 between J32 and J31A	Trunk road - motorway	11	Good	N	Y	N	NSL	N	High - a junction where congestion can occur.
L79	M6 between J31A and J31	Trunk road - motorway	15	Good	N	Y	N	NSL	N	Negligible - No sensitive receptors.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L80	M6 between J31 and J30	Trunk road - motorway	15	Good	N	Y	N	NSL	N	High - a junction where congestion can occur.
L81	M61 between M6 J30 and M61 J9 (M65 junction)	Trunk road - motorway	11	Good	N	Y	N	NSL	N	High - a junction where congestion can occur.
L82	M65 east of J2 (M61 junction)	Trunk road - dual carriageway	8	Good	N	N	N	NSL	N	High - a junction where congestion can occur.
L83	M61 south of M61 J9 (M65 junction)	Trunk road - motorway	11	Good	N	N	N	NSL	N	High - a junction where congestion can occur
L84	M65 between M61 J9 and M6 J29	Trunk road - motorway	11	Good	N	Y	N	NSL	N	High - a junction where congestion can occur
L85	M6 between M6 J30 (M61 junction) and A6 junction	Trunk road - motorway	11	Good	N	Y	N	NSL	N	High - a junction where congestion can occur
L87	M6 south of J29 (M65 junction)	Trunk road - motorway	11	Good	N	Y	N	NSL	N	High - a junction where congestion can occur
L90	A6 north of A582 roundabout	Dual carriageway road	7.5	Good	N	Y	N	NSL	N	Negligible - No sensitive receptors.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L91	A6 between M65 roundabout and A582 roundabout	Dual carriageway road	8	Good	N	Y	N	50 mph	N	Negligible - No sensitive receptors.
L92	A582 Lostock Lane between B5254 Watkin Lane roundabout and A6 roundabout	Dual Carriageway Road	8	Good	Y – along northern edge	Y	N	NSL	Y	Low – Dual carriageway road derestricted. Limited receptors including limited residential frontage and commercial units. Footway provision on northern side of carriageway commensurate with footfall and use. Shared cycleway footway along northern edge of carriageway.
L93	A582 Farrington Road between B5254 Watkin Lane junction and Croston Road junction	Single carriageway road	7.5	Good	N	Y	N	NSL	N	Low – Limited receptors along link. Single carriageway road for the most part derestricted. Small section of PRow at western part of link. PRow

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
										users using verge for approx. 50 m.
L94	A582 Flensburg Way	Single carriageway road	7.5	Good	Y – for small section on northern side.	Y	N	NSL	N	Low - Limited receptors but unsegregated cycleway on northern side of carriageway along link.
L95	A582 Penwortham Way between Flensburg Way roundabout and Chain House Lane junction	Single carriageway road	8	Good	Only around junctions	Y	N	50 mph	N	Low – 50 mph restricted single carriageway road with unsegregated cycleway. No frontage access and footway provision commensurate with use and demand.
L96	A582 Penwortham Way between Chain House Lane junction and Pope Lane	Single carriageway road	8	Good	Only around junctions	Y	N	50 mph	N	Low – 50 mph restricted single carriageway road with unsegregated cycleways. No frontage access and footway provision commensurate with use and demand.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L97	A582 Penwortham Way between Pope Lane and A59 junction	Single lane - south side, dual lane - north side	11.5	Good	Y - around junctions and on the north side of the carriageway	Y	N	50 mph	N	Low – 50 mph restricted single carriageway road with unsegregated cycleways. No frontage access and footway provision commensurate with use and demand.
L98	A59 John Horrocks Way between A582 roundabout and Liverpool Road junction	Dual carriageway road	7.5	Good	N	N	N	50 mph	N	Negligible - No sensitive receptors.
L99	A59 south west of Liverpool Road junction to Stanley Avenue roundabout	Dual carriageway road	7	Good	Y	Y	N	30 mph	Y	Medium - Dual carriageway road restricted to 30 mph, limited frontage access to residential dwellings and frontage to a school. Shared footway and cycleway on both sides of carriageway. Footway provision commensurate with footfall and use.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L100	Liverpool Road between A59 junction and Howick Cross Lane access	Single carriageway road	9.5	Good	Y	Y	N	30 mph	Y	Low - 30 mph restricted single carriageway road. Limited frontage to limited residential dwellings and access to a residential area. Shared footway and cycleway on both sides of carriageway. Footway provision commensurate with footfall and use.
L101	Howick Cross Lane between Liverpool Road and National Grid Penwortham substation access	Single carriageway road	6	Good	Y	Y	Y	20 mph	Y	Medium - 20 mph restricted single carriageway road with some frontage to residential dwellings and some on-street parking. Footway provided along residential frontage side of carriageway commensurate with footfall and use.

Link reference	Description	Link type	Typical width (m)*	Forward visibility	Footways	Street lighting	On-street parking	Speed limit	Frontage access	Sensitivity
L102	Leach Lane N / Appealing Lane / The Hamlet	Single carriageway road	5.5	Good	Y	Y	Y – limited	20 mph	Y	High – 20 mph restricted single carriageway road with frontage access to residential dwellings and some on street parking. Footway provision along length commensurate with footfall and use.

*Typical width for dual carriageway links is provided for one side of the dual carriageway.