



## LANDSCAPE

The scheme would result in adverse effects on landscape elements and character along its immediate corridor and surrounding area. However, the character area is not distinctive within a regional or national context and the effects are local in nature. The landscape elements such as topography, hydrology, landscape pattern, vegetation, land cover are relatively abundant and with the potential for replication. The effect upon the local landscape character and landscape elements would be moderate during construction and the opening year. This would reduce to being slightly adverse in future years when mitigation planting of trees and shrubs would be providing the screening and landscape integration required.

There would be an adverse effect on the views for people living, working or pursuing leisure activities along the scheme. Construction activities would result in the largest visual impact but they would be short term. This would be greatest during the opening year before the proposed tree and shrub planting has had time to grow and screen traffic or integrate elements of the road such as embankments into the surrounding landscape. During year 15, the planting would have achieved sufficient height and density to screen traffic, although some features such as lighting would still be visible above the canopy.

*Proposed landscape for the scheme is displayed on the Environmental Masterplan.*

## TRAFFIC AND TRANSPORT

With the introduction of the scheme there will be a net reduction in traffic flow on the current road network across NW Preston, with traffic flow reductions extending to Kirkham and M55 J3 and to the A583, Blackpool Road to the South. There are also traffic flow reductions on the A6 and on approaches to the M55 J1 to the east.

This reduction becomes enhanced over the period from the 2019 Opening Year and 2034 Design Year. The benefits of the scheme will increase as development in NW Preston is built out, post scheme opening in 2019.

The scheme provides for significant reductions in traffic flows along links in NW Preston. In particular through Cottam and Hoyles Lane of over 2,100 passenger car units (PCUs) per day and between Eastway and Lightfoot Lane of approximately 1,500 PCUs per day.

There is also forecast to be a reduction of approximately 3,000 PCUs per day on the A5085 Blackpool Road through Ashton-on-Ribble.

Further traffic reductions in annual average daily traffic of approximately 500-1,000 are predicted along the A6, Black Bull Lane, Tabley Lane, Woodplumpton Road and Newsham Hall Lane; along with the majority of Tom Benson Way and Woodplumpton Road/Lytham Road.

Analysis of the percentage traffic flow change of links in the opening and design years demonstrated that a significant number of the local roads surrounding the scheme would experience a very significant reduction in flow of 30% or greater in both the AM and PM time periods. Minimal links were identified to have an increase in traffic flow, with the M55 mainline flows increasing most. Effective junction operation has also been demonstrated for all the new proposed junctions.

Of the 23 roads identified in both the With and Without scheme scenarios, the majority show significant reductions in traffic volumes created by the scheme. 9 of the roads below demonstrate a percentage decrease in traffic flow of greater than 30% in both the AM and PM time period in 2019, and 7 demonstrate a percentage decrease in traffic flow of greater than 30% in both the AM and PM time periods in 2034.

### Opening Year (2019) % Change in Traffic Flow – Passenger Car Units

Road name	Between	Without scheme (2019)		With scheme (2019)		Change (%)	
		am	pm	am	pm	am	pm
Ash Lane	Clifton Lane & Lea Lane	261	281	23	47	-91	-83
Lea Lane	Deepdale Lane & Harbour Lane	412	359	210	212	-49	-41
EWLR (West)	PWD & Sandy Lane	-	-	398	412	-	-
EWLR (East)	Sandy Lane & B6241	-	-	221	211	-	-
PWD (South)	Junction with A583 & Cottam Link Road	-	-	2235	1996	-	-
PWD (Central)	Cottam Link Road & EWLR	-	-	2430	2434	-	-
PWD (North)	EWLR & M55	-	-	2888	3025	-	-
Woodplumpton Road	Ambrose Hall Lane & Sandy Lane	644	486	382	235	-41	-52
Sandy Lane (North)	B5411 & Bartle Lane	182	160	52	64	-72	-60
Sandy Lane (South)	Bartle Lane & Hoyles Lane	171	177	253	160	48	-9
Bartle Lane	Lea Lane & Sandy Lane	202	198	42	39	-79	-80
Newsham Hall Lane	Woodplumpton & Broughton	449	550	284	339	-37	-38
Garstang Road	M55 - Black Bull Lane	2822	2546	2763	2436	-2	-4
Garstang Road	Black Bull Lane & Blackpool Road	1890	2124	1893	2091	0	-2
Garstang Road	Blackpool Road & A59	1571	1498	1514	1368	-4	-9
Black Bull Lane	A6 & Lytham Road	1731	1204	1582	918	-9	-24
Cadley Causeway	Black Bull Lane & Tag Lane	783	950	611	660	-22	-30
Tag Lane	Roundabout with B6241 & Cottam Avenue	1174	1173	1195	1247	2	6
Tag Lane	Cottam Avenue & Cadley Causeway	1068	1144	1058	1161	-1	2
Blackpool Road	Riversway & Lea Road	940	1069	544	545	-42	-49
Blackpool Road	Lea Road & B6241	1415	1696	1083	1210	-23	-29
Blackpool Road	B6241 & A6	1352	1376	1152	1156	-15	-16
Blackpool Road	Merge point with B5192 & Preston New Road	1616	1587	1179	1439	-27	-9
Tabley Lane	Woodplumpton & Lightfoot Lane	558	409	396	247	-29	-40
Hoyles Lane	Sandy Lane & Tabley Lane	748	721	417	255	-44	-65
Hoyles Lane	Sandy Lane & Sidgreaves Lane	619	572	170	106	-73	-81
M55 Junction 1	Eastbound	2227	2698	2472	3029	11	12
M55 Junction 1	Westbound	2740	2545	3027	3055	10	20
Woodplumpton Road	Cadley Causeway & Blackpool Road	939	1054	752	704	-20	-33

### Design Year (2034) % Change in Traffic Flow – Passenger Car Units

Road name	Between	Without scheme (2034)		With scheme (2034)		Change (%)	
		am	pm	am	pm	am	pm
Ash Lane	Clifton Lane & Lea Lane	436	283	15	44	-97	-85
Lea Lane	Deepdale Lane & Harbour Lane	490	293	233	215	-52	-27
EWLR (West)	PWD & Sandy Lane	-	-	777	812	-	-
EWLR (East)	Sandy Lane & B6241	-	-	934	896	-	-
PWD (South)	Junction with A583 & Cottam Link Road	-	-	3144	2627	-	-
PWD (Central)	Cottam Link Road & EWLR	-	-	3717	3268	-	-
PWD (North)	EWLR & M55	-	-	4390	4135	-	-
Woodplumpton Road	Ambrose Hall Lane & Sandy Lane	981	876	469	384	-52	-56
Sandy Lane (North)	B5411 & Bartle Lane	504	537	95	92	-81	-83
Sandy Lane (South)	Bartle Lane & Hoyles Lane	550	547	578	441	5	-19
Bartle Lane	Lea Lane & Sandy Lane	553	615	70	49	-87	-92
Newsham Hall Lane	Woodplumpton & Broughton	541	861	395	518	-27	-40
Garstang Road	M55 - Black Bull Lane	2825	2648	2823	2576	0	-3
Garstang Road	Black Bull Lane & Blackpool Road	1887	2186	1922	2177	2	0
Garstang Road	Blackpool Road & A59	1748	1571	1673	1486	-4	-5
Black Bull Lane	A6 & Lytham Road	2214	1439	1795	1081	-19	-25
Cadley Causeway	Black Bull Lane & Tag Lane	1245	1096	841	920	-32	-16
Tag Lane	Roundabout with B6241 & Cottam Avenue	1619	1685	1718	1723	6	2
Tag Lane	Cottam Avenue & Cadley Causeway	1523	1796	1580	1707	4	-5
Blackpool Road	Riversway & Lea Road	917	1046	565	670	-38	-36
Blackpool Road	Lea Road & B6241	1619	1746	1126	1329	-30	-24
Blackpool Road	B6241 & A6	1549	1552	1328	1364	-14	-12
Blackpool Road	Merge point with B5192 & Preston New Road	1656	1802	997	1472	-40	-18
Tabley Lane	Woodplumpton & Lightfoot Lane	895	847	437	377	-51	-55
Hoyles Lane	Sandy Lane & Tabley Lane	724	712	684	524	-6	-26
Hoyles Lane	Sandy Lane & Sidgreaves Lane	545	302	159	116	-71	-62
M55 Junction 1	Eastbound	2534	3066	3002	3411	18	11
M55 Junction 1	Westbound	3005	2733	3351	3207	12	17
Woodplumpton Road	Cadley Causeway & Blackpool Road	1243	921	1018	1078	-18	17

### Keeping you updated

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