

Construction Traffic Flow Screening and Link Selection

Link Number	Link Name	Speed Limit	Two-way Daily Construction Traffic					2024 Do Minimum			2032 Do Minimum			2032 Do Something			Percentage Change	
			Car/LGV	Minibus	HGV	HGV%	Total	HGV	HGV%	Total	HGV	HGV%	Total	HGV	HGV%	Total	HGV %	Total Vehicles
1	Site access road (East of Seal Sands Roundabout	30	2152	88	360	14%	2600	629	14%	4490	653	14%	4662	1013	14%	7262	55%	56%
2	A178 Seaton Carew Road (Between Huntsman Drive and A1185 / A178, Seaton Carew Road)	60	1637	75	0	0%	1712	362	4%	8146	376	4%	8459	376	4%	10171	0%	20%
3	A178 Seaton Carew Road (North of Seal Sands Roundabout	60	258	13	0	0%	272	475	7%	6911	493	7%	7176	493	7%	7448	0%	4%
4	A1185 (Between A1185 / A178, Seaton Carew Road (Seal Sands Roundabout and Saltholme North Power Station)	60	257	0	360	58%	617	986	20%	4950	1024	20%	5140	1384	24%	5757	35%	12%
5	A1185 (Between Saltholme North Power Station and Cowpen Woodland	60	257	0	360	58%	617	986	20%	4950	1024	20%	5140	1384	24%	5757	35%	12%
6	A1185 (Between Cowpen Woodland and Marsh House Avenue	60/50	257	0	360	58%	617	986	20%	4950	1024	20%	5140	1384	24%	5757	35%	12%
7	Marsh House Avenue	40	97	0	0	0%	97	228	2%	9170	236	2%	9522	236	2%	9619	0%	1%
8	A1185 (Between Marsh House Avenue and A689, Stockton Road / A1185 Roundabout	50/40	160	0	360	69%	520	1612	12%	13290	1674	12%	13800	2034	14%	14320	22%	4%
9	Wolviston Road (south of the A689 rt)	50/40	2	0	0	0%	2	84	1%	8211	87	1%	8526	87	1%	8528	0%	0%
10	A689 Stockton Road	70/40	6	0	0	0%	6	1248	4%	30520	1296	4%	31692	1296	4%	31698	0%	0%
11	A19 / Wynyard Park Southbound Off-Slip	70	0	0	0	0%	0	294	7%	3946	305	7%	4098	305	7%	4098	0%	0%
12	A19 Wolviston Interchange Northbound On-Slip	70	43	0	22	34%	64	-	-	-	-	-	-	-	-	-	-	-
13	A689 (Between A689, Stockton Road / A1185 Roundabout and A689 / Wolviston Services Roundabout	40	109	0	335	75%	444	2694	8%	33563	2797	8%	34852	3132	9%	35296	12%	1%
14	A689 (West of A689 / Wolviston Services Roundabout	40	104	0	335	76%	439	2694	8%	33563	2797	8%	34852	3132	9%	35291	12%	1%
15	A19 Mainline (North of A19 Wolviston Interchange	70	47	0	22	31%	69	3965	7%	54716	4117	7%	56817	4139	7%	56886	1%	0%
16	A689 Coal Lane (West of A19 Wolviston Interchange	50	45	0	137	75%	182	1688	9%	19692	1753	9%	20448	1890	9%	20630	8%	1%
17	A178 Seaton Carew Road (Between Huntsman Drive and A1046 Port Clarence Road)	60	1637	75	0	0%	1712	362	4%	8146	376	4%	8459	376	4%	10171	0%	20%
18	A1046 Port Clarence Road (Adjacent to High Clarence Primary School	30	1633	75	0	0%	1708	362	4%	8146	376	4%	8459	376	4%	10167	0%	20%
19	A1046 Clarence Street (East of A1046, Haverton Hill Road / B1275, Hope Street Junction)	40	1633	75	0	0%	1708	362	4%	8146	376	4%	8459	376	4%	10167	0%	20%
20	B1275 Hope Street (Between Haverton Hill Road / Clarence Street Junction and B1275 Robson Street)	40	439	0	0	0%	439	362	4%	8146	376	4%	8459	376	4%	8898	0%	5%
21	Hope Street (North of B1275, Robson Street (Belasis Avenue	40/60	12	0	0	0%	12	196	6%	3274	203	6%	3400	203	6%	3412	0%	0%
22	B1275 Belasis Avenue	40	135	0	0	0%	135	167	2%	7343	174	2%	7625	174	2%	7761	0%	2%
23	Greenwood Road (North of B1275, Belasis Avenue / Greenwood Road / Coxwold Way Roundabout	40	32	0	0	0%	32	-	-	-	-	-	-	-	-	-	-	-
24	B1275 Belasis Avenue (Between Greenwood Road and Cowpen Lane	30/40	103	0	0	0%	103	167	2%	7343	174	2%	7625	174	2%	7728	0%	1%
25	Central Avenue (Between Cowpen Lane and A1027 / Wolviston Road / Central Avenue Double Roundabout	30	15	0	0	0%	15	167	2%	7343	174	2%	7625	174	2%	7640	0%	0%
26	A1027 (Between A1027 / Wolviston Road / Central Avenue Double Roundabout and A19 Norton Interchange	40	88	0	0	0%	88	167	2%	7343	174	2%	7625	174	2%	7714	0%	1%
27	A1027 (West of A19 Norton Interchange	40	68	0	0	0%	68	211	1%	31970	219	1%	33198	219	1%	33266	0%	0%
28	Cowpen Lane	30	15	0	0	0%	15	407	4%	10407	423	4%	10807	423	4%	10821	0%	0%
29	B1275 (Between Cowpen Lane and A139 / A19 Southbound On-slip	30	15	0	0	0%	15	407	4%	10407	423	4%	10807	423	4%	10821	0%	0%
30	A139	40	52	0	0	0%	52	235	1%	16539	244	1%	17174	244	1%	17227	0%	0%
31	A19 Mainline (Between A19 Wolviston Interchange and A19 Norton Interchange	70	15	0	180	92%	195	5991	8%	77571	6221	8%	80550	6401	8%	80744	3%	0%
32	A1046, Haverton Hill Road (Between A1046, Haverton Hill Road / Hope Street Junction and A1046 / SUEZ EFW Roundabout	40	1486	75	0	0%	1561	1081	7%	14445	1123	7%	15000	1123	7%	16561	0%	10%
33	A1046, Haverton Hill Road (Between A1046, Haverton Hill Road / SUEZ EFW Roundabout and New Road	40	1486	75	0	0%	1561	1081	7%	14445	1123	7%	15000	1123	7%	16561	0%	10%
34	New Road	40	47	0	0	0%	47	251	5%	4664	261	5%	4843	261	5%	4890	0%	1%
35	A1046, Haverton Hill Road (Between New Road and Able UK Head Office Access	40	1439	75	0	0%	1514	1081	7%	14445	1123	7%	15000	1123	7%	16514	0%	10%
36	A1046, Haverton Hill Road (East of A19 Portrack Interchange	40	1439	75	0	0%	1514	1081	7%	14445	1123	7%	15000	1123	7%	16514	0%	10%
37	A1032, Newport Bridge Approach Road	30/40	138	0	0	0%	138	634	4%	18042	658	4%	18735	658	3%	18873	0%	1%
38	A19 Mainline (South of A19 Portrack Interchange	70	1283	75	0	0%	1358	6999	6%	110155	7268	6%	114385	7268	6%	115742	0%	1%
39	A1046, Haverton Hill Road (West of A19 Portrack Interchange	40	21	0	0	0%	21	958	4%	27236	995	4%	28282	995	4%	28303	0%	0%
40	A19 Mainline (North of A19 Portrack Interchange	70	14	0	0	0%	14	5794	6%	98111	6016	6%	101878	6016	6%	101892	0%	0%

Operation Traffic Flow Screening and Link Selection

Link Number	Link Name	Speed Limit	Two-way Daily Operation Traffic				2024 Do Minimum			2032 Do Minimum			2032 Do Something			Percentage Change	
			Car/LGV	HGV	HGV%	Total	HGV	HGV%	Total	HGV	HGV%	Total	HGV	HGV%	Total	HGV %	Total Vehicles
1	Site access road (East of Seal Sands Roundabout	30	433	180	29%	613	629	14%	4490	773	11%	7022	953	12%	7635	23%	9%
2	A178 Seaton Carew Road (Between Huntsman Drive and A1185 / A178, Seaton Carew Road)	60	278	0	0%	278	362	4%	8146	376	4%	10171	376	4%	10448	0%	3%
3	A178 Seaton Carew Road (North of Seal Sands Roundabout	60	35	0	0%	35	475	7%	6911	493	7%	7448	493	7%	7483	0%	0%
4	A1185 (Between A1185 / A178, Seaton Carew Road (Seal Sands Roundabout and Saltholme North Power Station)	60	121	180	60%	301	986	20%	4950	1144	21%	5517	1324	23%	5818	16%	5%
5	A1185 (Between Saltholme North Power Station and Cowpen Woodland	60	121	180	60%	301	986	20%	4950	1144	21%	5517	1324	23%	5818	16%	5%
6	A1185 (Between Cowpen Woodland and Marsh House Avenue	60/50	121	180	60%	301	986	20%	4950	1144	21%	5517	1324	23%	5818	16%	5%
7	Marsh House Avenue	40	45	0	0%	45	228	2%	9170	236	2%	9619	236	2%	9664	0%	0%
8	A1185 (Between Marsh House Avenue and A689, Stockton Road / A1185 Roundabout	50/40	75	180	70%	255	1612	12%	13290	1794	13%	14080	1974	14%	14336	10%	2%
9	Wolviston Road (south of the A689 rbt)	50/40	1	0	0%	1	84	1%	8211	87	1%	8528	87	1%	8529	0%	0%
10	A689 Stockton Road	70/40	3	0	0%	3	1248	4%	30520	1296	4%	31698	1296	4%	31701	0%	0%
11	A19 / Wynyard Park Southbound Off-Slip	70	0	0	0%	0	294	7%	3946	305	7%	4098	305	7%	4098	0%	0%
12	A19 Wolviston Interchange Northbound On-Slip	70	20	11	35%	31	-	-	-	-	-	-	-	-	-	-	-
13	A689 (Between A689, Stockton Road / A1185 Roundabout and A689 / Wolviston Services Roundabout	40	51	167	77%	219	2694	8%	33563	2909	8%	35072	3076	9%	35291	6%	1%
14	A689 (West of A689 / Wolviston Services Roundabout	40	49	167	77%	217	2694	8%	33563	2909	8%	35068	3076	9%	35284	6%	1%
15	A19 Mainline (North of A19 Wolviston Interchange	70	22	11	33%	33	3965	7%	54716	4124	7%	56872	4135	7%	56905	0%	0%
16	A689 Coal Lane (West of A19 Wolviston Interchange	50	21	68	76%	90	1688	9%	19692	1798	9%	20539	1867	9%	20628	4%	0%
17	A178 Seaton Carew Road (Between Huntsman Drive and A1046 Port Clarence Road)	60	278	0	0%	278	362	4%	8146	376	4%	10171	376	4%	10448	0%	3%
18	A1046 Port Clarence Road (Adjacent to High Clarence Primary School	30	276	0	0%	276	362	4%	8146	376	4%	10167	376	4%	10443	0%	3%
19	A1046 Clarence Street (East of A1046, Haverton Hill Road / B1275, Hope Street Junction)	40	276	0	0%	276	362	4%	8146	376	4%	10167	376	4%	10443	0%	3%
20	B1275 Hope Street (Between Haverton Hill Road / Clarence Street Junction and B1275 Robson Street)	40	207	0	0%	207	362	4%	8146	376	4%	8898	376	4%	9104	0%	2%
21	Hope Street (North of B1275, Robson Street (Belasis Avenue	40/60	6	0	0%	6	196	6%	3274	203	6%	3412	203	6%	3417	0%	0%
22	B1275 Belasis Avenue	40	64	0	0%	64	167	2%	7343	174	2%	7761	174	2%	7824	0%	1%
23	Greenwood Road (North of B1275, Belasis Avenue / Greenwood Road / Coxwold Way Roundabout	40	15	0	0%	15	-	-	-	-	-	-	-	-	-	-	-
24	B1275 Belasis Avenue (Between Greenwood Road and Cowpen Lane	30/40	48	0	0%	48	167	2%	7343	174	2%	7728	174	2%	7777	0%	1%
25	Central Avenue (Between Cowpen Lane and A1027 / Wolviston Road / Central Avenue Double Roundabout	30	7	0	0%	7	167	2%	7343	174	2%	7640	174	2%	7647	0%	0%
26	A1027 (Between A1027 / Wolviston Road / Central Avenue Double Roundabout and A19 Norton Interchange	40	42	0	0%	42	167	2%	7343	174	2%	7714	174	2%	7755	0%	1%
27	A1027 (West of A19 Norton Interchange	40	32	0	0%	32	211	1%	31970	219	1%	33266	219	1%	33298	0%	0%
28	Cowpen Lane	30	7	0	0%	7	407	4%	10407	423	4%	10821	423	4%	10828	0%	0%
29	B1275 (Between Cowpen Lane and A139 / A19 Southbound On-slip	30	7	0	0%	7	407	4%	10407	423	4%	10821	423	4%	10828	0%	0%
30	A139	40	25	0	0%	25	235	1%	16539	244	1%	17227	244	1%	17251	0%	0%
31	A19 Mainline (Between A19 Wolviston Interchange and A19 Norton Interchange	70	7	90	93%	97	5991	8%	77571	6281	8%	80624	6371	8%	80721	1%	0%
32	A1046, Haverton Hill Road (Between A1046, Haverton Hill Road / Hope Street Junction and A1046 / SUEZ EFW Roundabout	40	207	0	0%	207	1081	7%	14445	1123	7%	16561	1123	7%	16767	0%	1%
33	A1046, Haverton Hill Road (Between A1046, Haverton Hill Road / SUEZ EFW Roundabout and New Road	40	207	0	0%	207	1081	7%	14445	1123	7%	16561	1123	7%	16767	0%	1%
34	New Road	40	22	0	0%	22	251	5%	4664	261	5%	4890	261	5%	4912	0%	0%
35	A1046, Haverton Hill Road (Between New Road and Able UK Head Office Access	40	184	0	0%	184	1081	7%	14445	1123	7%	16514	1123	7%	16698	0%	1%
36	A1046, Haverton Hill Road (East of A19 Portrack Interchange	40	184	0	0%	184	1081	7%	14445	1123	7%	16514	1123	7%	16698	0%	1%
37	A1032, Newport Bridge Approach Road	30/40	65	0	0%	65	634	4%	18042	658	3%	18873	658	3%	18938	0%	0%
38	A19 Mainline (South of A19 Portrack Interchange	70	111	0	0%	111	6999	6%	110155	7268	6%	115742	7268	6%	115853	0%	0%
39	A1046, Haverton Hill Road (West of A19 Portrack Interchange	40	10	0	0%	10	958	4%	27236	995	4%	28303	995	4%	28313	0%	0%
40	A19 Mainline (North of A19 Portrack Interchange	70	6	0	0%	6	5794	6%	98111	6016	6%	101892	6016	6%	101899	0%	0%