

Appendix 2A

Crossing Schedule

1.1 Purpose

- 1.1.1 The crossing schedule identifies crossing points for the pipeline, and includes the location, the type of feature being crossed and whether this would be an open cut or trenchless crossing.

1.2 Crossing schedule

- 1.2.1 Table 2A.1 presents the abbreviations and definitions used in the crossing references. The series of tables below containing the crossings, present the crossing reference, kilometre point, location in x and y coordinates, the crossing type, the name of the crossing, and the construction method. Crossing types include roads, railways, rivers, stream/ditches, tracks, and canals. Construction methods include open cut or trenchless.

Table 2A.1 Crossing reference abbreviations

Crossing reference abbreviation	Description
RDX	Road or Motorway
RLX	Rail
RVX	River
CLX	Canal
STRX	Stream
TRX	Track

Table 2A.2 Crossing Schedule: HPP to Central Hub (West Corridor)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RDX-01-00-00-001	0.078	344839	374850	Road	A5117	Trenchless
RDX-01-00-00-002	0.495	345098	374544	Road	B5132 Cryers Lane	Open cut
RDX-01-00-00-003	1.955	346353	374875	Road	A5117	Trenchless
STRX-01-00-00-001	2.595	346742	375265	Stream/ditch	-	Open cut
RVX-01-00-00-001	2.792	346924	375338	River	Unnamed River / Main Drain	Open cut
STRX-01-00-00-002	2.895	347021	375376	Stream/ditch	-	Open cut
TRX-01-00-00-001	3.069	347182	375441	Track	Unnamed/private track	Open cut
STRX-01-00-00-003	3.076	347189	375443	Stream/ditch	-	Open cut
RVX-01-00-00-002	3.260	347359	375510	River	Unnamed River / Main Drain	Open cut
STRX-01-00-00-004	3.378	347447	375572	Stream/ditch	-	Trenchless
RLX-01-00-00-001	3.399	347587	375574	Rail	Ellesmere Port to Warrington Line	Trenchless
STRX-01-00-00-005	3.410	347453	375604	Stream/ditch	-	Trenchless
STRX-01-00-00-006	3.460	347462	375653	Stream/ditch	-	Trenchless
STRX-01-00-00-007	3.543	347507	375706	Stream/ditch	-	Open cut
STRX-01-00-00-008	3.652	347614	375731	Stream/ditch	-	Open cut

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RVX-01-00-00-003	3.852	347808	375776	River	Hornsmill Brook	Open cut
STRX-01-00-00-009	4.225	348074	375992	Stream/ditch	-	Open cut
TRX-01-00-00-002	4.419	348189	376120	Track	Unnamed/private track	Open cut
STRX-01-00-00-010	4.419	348188	376123	Stream/ditch	-	Open cut
RDX-01-00-00-004	4.725	348420	376313	Road	Rake Lane	Open cut
STRX-01-00-00-011	4.731	348424	376318	Stream/ditch	-	Open cut
STRX-01-00-00-012	4.843	348509	376369	Stream/ditch	-	Open cut
TRX-01-00-00-003	4.848	348514	376369	Track	Unnamed/private track	Open cut
RVX-01-00-00-004	4.862	348528	376368	River	Unnamed River / Main Drain	Open cut
STRX-01-00-00-013	5.013	348661	376427	Stream/ditch	-	Open cut
STRX-01-00-00-014	5.163	348786	376509	Stream/ditch	-	Open cut
STRX-01-00-00-015	5.260	348863	376568	Stream/ditch	-	Open cut
RVX-01-00-00-005	5.425	348986	376678	River	Unnamed River / Main Drain	Open cut
STRX-01-00-00-016	5.697	349188	376861	Stream/ditch	-	Open cut
TRX-01-00-00-004	5.705	349193	376866	Track	Unnamed/private track	Open cut
STRX-01-00-00-017	5.893	349333	376992	Stream/ditch	-	Open cut

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
STRX-01-00-00-018	5.906	349343	377001	Stream/ditch	-	Open cut
RVX-01-00-00-006	6.040	349389	377112	River	Unnamed River / Main Drain	Open cut
TRX-01-00-00-005	6.048	349389	377120	Track	Unnamed/private track	Open cut
RVX-01-00-00-007	6.184	349447	377229	River	Unnamed River / Main Drain	Open cut
STRX-01-00-00-019	6.385	349595	377364	Stream/ditch	-	Open cut
RVX-01-00-00-008	6.749	349877	377567	River	Unnamed River / Main Drain	Open cut
RDX-01-00-00-005	6.872	350000	377556	Road	Straight Lane	Open cut
RVX-01-00-00-009	6.881	350009	377555	River	Unnamed River / Main Drain	Open cut
STRX-01-00-00-020	7.034	350149	377579	Stream/ditch	-	Open cut
RDX-01-00-00-006	7.046	350159	377587	Road	Hare's Lane	Open cut
STRX-01-00-00-021	7.063	350172	377597	Stream/ditch	-	Open cut
STRX-01-00-00-022	7.226	350297	377701	Stream/ditch	-	Open cut
STRX-01-00-00-023	7.368	350408	377791	Stream/ditch	-	Open cut
RVX-01-00-00-010	7.502	350511	377876	River	Unnamed River / Main Drain	Open cut
STRX-01-00-00-024	7.694	350665	377794	Stream/ditch	-	Open cut
RVX-01-00-00-011	7.947	350858	377914	River	Unnamed River / Main Drain	Open cut

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
STRX-01-00-00-025	8.020	350913	377962	Stream/ditch	-	Open cut
RVX-01-00-00-012	8.134	351003	378033	River	Unnamed River / Main Drain	Open cut
RDX-01-00-00-007	8.149	351014	378043	Road	Moorditch Lane	Open cut
RDX-01-00-00-008	8.270	351108	378118	Road	Alder Lane	Open cut
STRX-01-00-00-026	8.279	351115	378124	Stream/ditch	-	Open cut
STRX-01-00-00-027	8.475	351268	378248	Stream/ditch	-	Open cut
STRX-01-00-00-028	8.793	351514	378449	Stream/ditch	-	Open cut
RVX-01-00-00-013	9.090	351744	378636	River	Unnamed River / Main Drain	Open cut
RDX-01-00-00-009	9.096	351748	378640	Road	Weaver Lane	Open cut
STRX-01-00-00-029	9.560	352027	378999	Stream/ditch	-	Open cut
TRX-01-00-00-006	9.793	352249	379027	Track	Unnamed/private track	Open cut
RVX-01-00-00-014	9.814	352268	379020	River	Unnamed River / Main Drain	Open cut
TRX-01-00-00-007	9.966	352395	379070	Track	Unnamed/private track	Trenchless
RVX-01-00-00-015	10.061	352471	379128	River	River Weaver	Trenchless
RDX-01-00-00-010	10.224	352595	379178	Road	M56	Open cut
TRX-01-00-00-008	10.569	352919	379190	Track	Unnamed/private track	Open cut

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
STRX-01-00-00-030	10.601	352951	379195	Stream/ditch	-	Open cut
RLX-01-00-00-002	11.010	353269	378940	Rail	Chester to Warrington Line	Trenchless
RVX-01-00-00-016	11.052	353233	378863	River	Unnamed River / Main Drain	Trenchless
RDX-01-00-00-011	11.272	353394	378911	Road	National Grid Access	Trenchless
CLX-01-00-00-001	11.316	353429	378938	Canal	Weaver Navigation	Trenchless
RDX-01-00-00-012	11.346	353452	378956	Road	A557 Clifton Road	Trenchless
RDX-01-00-00-013	11.855	353862	379164	Road	A46 Chester Road	Trenchless
TRX-01-00-00-009	12.591	354527	379215	Track	Unnamed/private track	Open cut
RDX-01-00-00-014	13.121	354993	378985	Road	Aston Lane	Open cut
STRX-01-00-00-031	13.344	355181	378914	Stream/ditch	-	Open cut
RDX-01-00-00-015	14.391	356128	378534	Road	Aston Lane	Open cut
RDX-01-00-00-016	15.303	356966	378173	Road	Aston Grange	Open cut
TRX-01-00-00-010	15.762	357168	377775	Track	Unnamed/private track	Open cut
RLX-01-00-00-003	16.629	357827	377506	Rail	West Coast Main Line	Trenchless
TRX-01-00-00-011	17.000	358185	377486	Track	Unnamed/private track	Open cut
RVX-01-00-00-017	17.108	358279	377431	River	Longacre Brook	Open cut

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RVX-01-00-00-018	17.130	358297	377420	River	Unnamed River / Main Drain	Open cut
TRX-01-00-00-012	17.134	358301	377418	Track	Unnamed/private track	Open cut
CLX-01-00-00-002	18.057	359191	377291	Canal	Trent and Mersey Canal	Trenchless
TRX-01-00-00-013	18.165	359260	377374	Track	Unnamed/private track	Open cut
RDX-01-00-00-017	18.505	359361	377693	Road	A533 Northwich Road	Trenchless
TRX-01-00-00-014	18.738	359521	377835	Track	Unnamed/private track	Open cut

Table 2A.3 Crossing Schedule: Rocksavage HAGI to Runcorn HAGI (Rocksavage/Runcorn Spur)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
TRX-01-01-00-001	0.034	352253	379035	Track	Unnamed/private track	Open cut
RVX-01-01-00-001	0.049	352277	379036	River	Unnamed River/Main Drain	Open cut
TRX-01-01-00-002	0.165	352379	379077	Track	Unnamed/private track	Trenchless
RVX-01-01-00-002	0.262	352455	379137	River	River Weaver	Trenchless
RDX-01-01-00-001	0.627	352667	379420	Road	National Grid Access	Open cut
CLX-01-01-00-001	0.722	352705	379508	Canal	Weaver Navigation	Trenchless
RDX-01-01-00-002	0.909	352604	379614	Road	Cholmondley Road	Open cut

Table 2A.4 Crossing Schedule: Runcorn HAGI to Intergeren (Rocksavage/Runcorn Spur)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RDX-01-01-01-001	0.15	352219	379888	Road	Inovyn Access Road	Open cut

Table 2A.5 Crossing Schedule: Runcorn HAGI to The Heath (Rocksavage/Runcorn Spur)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RDX-01-01-02-001	0.142	352225	379888	Road	Inovyn Access Road	Open cut
TRX-01-01-02-001	0.253	352195	379994	Track	Unnamed/private track	Open cut
STRX-01-01-02-001	0.372	352176	380110	Stream/ditch	-	Open cut
RDX-01-01-02-002	0.63	352033	380325	Road	A557 Weston Point Expressway	Trenchless
RDX-01-01-02-003	0.677	352006	380365	Road	Rocksavage Way	Trenchless
RDX-01-01-02-004	1.553	351255	380705	Road	Private Road	Open cut

Table 2A.6 Crossing Schedule: Central Hub to Clock Face HAGI (North Corridor)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RDX-NP4-1	<null>	357505	385360	Road	<null>	Open cut
RDX-NP4-2	<null>	356835	385462	Road	<null>	Open cut
RDX-04-00-00-001	1.392	359323	379165	Road	Marsh Lane	Open cut
TRX-04-00-00-001	1.997	359228	379676	Track	Unnamed/private track	Open cut
RDX-04-00-00-002	2.449	359005	380070	Road	Higher Lane	Open cut
RDX-04-00-00-003	4.011	359015	381426	Road	Newton Lane	Open cut
RDX-04-00-00-004	4.67	359575.6	381807.5	Road	Summer Lane	Trenchless
RDX-04-00-00-005	4.7	359569	381841	Road	M56	Trenchless
RDX-04-00-00-006	4.85	359555.4	382513.7	Road	B5356 Daresbury Lane	Open cut
STRX-04-00-00-001	5.814	359622	382984	Stream/ditch	-	Open cut
TRX-04-00-00-002	5.848	359633	383017	Track	Unnamed/private track	Open cut
STRX-04-00-00-002	5.988	359681	383149	Stream/ditch	-	Open cut
RDX-04-00-00-007	6.063	359707	383219	Road	Warrington Road	Open cut
RDX-04-00-00-008	7.217	359439	384294	Road	Warrington Road	Open cut
RVX-04-00-00-001	7.361	359295	384304	River	Unnamed River	Open cut

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RDX-04-00-00-009	7.619	359053	384359	Road	A56 Chester Road	Trenchless
RDX-04-00-00-010	8.03	358989	384671	Road	Holly Hedge Lane	Open cut
CLX-04-00-00-001	8.197	359080	384785	Canal	Bridgewater Canal	Trenchless
RDX-04-00-00-011	8.336	359086	384923	Road	Runcorn Road	Open cut
STRX-04-00-00-003	8.472	359092	385059	Stream/ditch	-	Open cut
RLX-04-00-00-001	9.092	358917	385651	Rail	West Coast Main Line	Trenchless
CLX-04-00-00-002	9.118	358914	385677	Canal	Manchester Ship Canal	Trenchless
TRX-04-00-00-003	9.495	358632	385748	Track	Unnamed/private track	Open cut
TRX-04-00-00-004	9.722	358416	385816	Track	Unnamed/private track	Open cut
TRX-04-00-00-005	9.98	358181	385915	Track	Unnamed/private track	Open cut
STRX-04-00-00-004	10.195	357997	385995	Stream/ditch	-	Open cut
STRX-04-00-00-005	10.223	357970	385993	Stream/ditch	-	Open cut
STRX-04-00-00-006	10.363	357837	385954	Stream/ditch	-	Open cut
STRX-04-00-00-007	10.614	357603	385859	Stream/ditch	-	Open cut
STRX-04-00-00-008	10.747	357474	385837	Stream/ditch	-	Open cut
STRX-04-00-00-009	11.569	356659	385903	Stream/ditch	-	Open cut

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
STRX-04-00-00-010	11.71	356521	385934	Stream/ditch	-	Open cut
STRX-04-00-00-011	11.871	356364	385969	Stream/ditch	-	Open cut
RVX-04-00-00-002	12.309	355937	386066	River	River Mersey	Trenchless
CLX-04-00-00-003	12.68	355575	386148	Canal	St Helens Canal	Trenchless
RLX-04-00-00-002	12.701	355554	386152	Rail	Skelton Junction to Ditton Junction Line	Trenchless
STRX-04-00-00-012	12.933	355328	386203	Stream/ditch	-	Trenchless
RDX-04-00-00-012	12.942	355320	386205	Road	Marsh Lane	Trenchless
RVX-04-00-00-003	12.954	355165	386304	River	Unnamed River / Main Ditch	Trenchless
RVX-04-00-00-004	13.351	355165	386304	River	Unnamed River / Main Ditch	Open cut
STRX-04-00-00-013	13.604	354949	386644	Stream/ditch	-	Open cut
RDX-04-00-00-013	13.794	354886	386823	Road	A562 Widnes Road	Trenchless
RDX-04-00-00-014	14.137	354771	387145	Road	Mowcroft Lane	Open cut
RVX-04-00-00-005	14.597	354664	387580	River	Unnamed River / Main Ditch	Open cut
RDX-04-00-00-015	14.74	354626	387709	Road	A5080 South Lane	Trenchless
RLX-04-00-00-003	14.989	354672	387950	Rail	Manchester and Allerton Junction Line	Trenchless

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
TRX-04-00-00-006	15.851	353938	388346	Track	Unnamed/private track	Open cut
TRX-04-00-00-007	16.303	353591	388631	Track	Unnamed/private track	Open cut
RDX-04-00-00-016	16.954	352975	388839	Road	Mill Lane	Open cut
STRX-04-00-00-014	17.073	352863	388879	Stream/ditch		Open cut
RDX-04-00-00-017	17.45	352507	389007	Road	Twyford Lane	Open cut
TRX-04-00-00-008	17.64	352333	389069	Track	Unnamed/private track	Open cut
RDX-04-00-00-018	18.304	351917	389466	Road	A57 Warrington Road	Trenchless
RDX-04-00-00-019	19.015	351412	389936	Road	B5419 Jubits Lane	Open cut

Table 2A.7 Crossing Schedule: Higher Walton HAGI to Solvay (Warrington Spur)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RLX-04-01-00-001	0.24	358987	385719	Rail	West Coast Main Line & Chester to Manchester Line	Trenchless

Table 2A.8 Crossing Schedule: Higher Walton HAGI to Novelis (Warrington Spur)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
TRX-04-02-00-001	0.3	359113	385916	Track	Unnamed/private track	Open cut
TRX-04-02-00-002	0.419	359198	386000	Track	Unnamed/private track	Open cut
RDX-04-02-00-001	1.27	359731	386606	Road	Eastford Road	Trenchless
RVX-04-02-00-001	1.313	359754	386642	River	River Mersey	Trenchless
RLX-04-02-00-001	1.546	359906	386654	Rail	West Coast Main Line	Trenchless
RVX-04-02-00-002	1.912	360233	386566	River	River Mersey	Trenchless
RDX-04-02-00-002	2.012	360318	386514	Road	A5060 Chester Road	Open cut
RDX-04-02-00-003	3	361236	386860	Road	Wilderspool Causeway A49 Junction	Open cut
RDX-04-02-00-004	4.71	362836	387080	Road	Knutsford Road A50 Junction	Open cut

Table 2A.9 Crossing Schedule: Clock Face HAGI to St Helens (North Corridor)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RDX-04-03-00-001	0.122	351218	390098	Road	M62	Trenchless
STRX-04-03-00-001	0.55	350829	390209	Stream/ditch	-	Open cut
STRX-04-03-00-002	0.696	350727	390312	Stream/ditch	-	Open cut

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RDX-04-03-00-002	0.699	350724	390315	Road	School Lane	Open cut
STRX-04-03-00-003	0.707	350719	390320	Stream/ditch	-	Open cut
RDX-04-03-00-003	1.213	350693	390816	Road	Chapel Lane	Open cut
RDX-04-03-00-004	1.448	350600	390988	Road	A570 St Helens Linkway	Trenchless
STRX-04-03-00-004	1.945	350204	391251	Stream/ditch	Rainhill	Open cut
RLX-04-03-00-001	2.449	349945	391682	Rail	Liverpool to Manchester Line	Trenchless
TRX-04-03-00-001	3.086	349895	392315	Track	Unnamed/private track	Open cut

Table 2A.10 Crossing Schedule: Clock Face to NGF Europe Ltd (Clock Face Spur)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RDX-04-03-01-001	0.116	351226	390100	Road	M62	Trenchless
STRX-04-03-01-001	0.583	350834	390216	Stream/ditch	-	Open cut
STRX-04-03-01-002	0.724	350734	390316	Stream/ditch	-	Open cut
RDX-04-03-01-002	0.727	350732	390318	Road	School Lane	Open cut
STRX-04-03-01-003	0.735	350726	390324	Stream/ditch	-	Open cut

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Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RDX-04-03-01-003	1.241	350705	390819	Road	Chapel Lane	Open cut
RVX-04-03-01-001	1.464	350837	390977	River	Unnamed River / Main Drain	Open cut
STRX-04-03-01-004	1.472	350842	390983	Stream/ditch	-	Open cut
RDX-04-03-01-004	1.998	351032	391465	Road	Lea Green Road	Open cut
RDX-04-03-01-005	2.014	351032	391465	Road	Lea Green Road	Open cut

Table 2A.11 Crossing Schedule: St Helens HAGI to Pilkington UK's Greengate Works (St Helens Spur)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
N/A						

Table 2A.12 Crossing Schedule: St Helens HAGI to Glass Futures (St Helens Spur)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RDX-04-03-03-001	0.736	351568.5	394424.3	Road	A570 (St Helen's Linkway)	Trenchless

Table 2A.13 Crossing Schedule: Central Hub to Partington (East Corridor)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RDX-03-00-00-001	0.287	360403	378099	Road	Marsh Lane	Open cut
STRX-03-00-00-001	0.568	360653	378227	Stream/ditch	-	Open cut
RVX-03-00-00-001	0.808	360867	378336	River	Whitley Brook	Open cut
RDX-03-00-00-002	0.988	361030	378380	Road	A49 Tarporley Road	Trenchless
RDX-03-00-00-003	1.216	361223	378471	Road	Red Lane	Open cut
STRX-03-00-00-002	1.468	361407	378644	Stream/ditch	-	Open cut
TRX-03-00-00-001	1.88	361686	378939	Track	Unnamed/private track	Open cut
RDX-03-00-00-004	2.548	362013	379521	Road	Back Lane	Open cut
RDX-03-00-00-005	3.383	362759	379830	Road	Norman's Lane	Open cut
RDX-03-00-00-006	3.845	363142	380006	Road	Old Mill Lane	Open cut
RDX-03-00-00-007	4.158	363442	380066	Road	A559 Northwich Road	Trenchless
RDX-03-00-00-008	4.458	363718	380181	Road	Knutsford Road	Open cut
TRX-03-00-00-002	5.324	364339	380758	Track	Unnamed/private track	Open cut
STRX-03-00-00-003	5.767	364607	381110	Stream/ditch	-	Open cut
STRX-03-00-00-004	6.145	364945	381085	Stream/ditch	-	Open cut

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RDX-03-00-00-009	6.158	364958	381082	Road	Barber's Lane	Open cut
RDX-03-00-00-010	6.422	365214	381037	Road	Pools Platt Lane	Open cut
RVX-03-00-00-002	6.73	365417	381247	River	Gale Brook	Open cut
STRX-03-00-00-005	7.212	365826	381479	Stream/ditch	-	Open cut
RDX-03-00-00-011	7.414	366011	381559	Road	Arley Road	Open cut
RDX-03-00-00-012	8.073	366624	381800	Road	Caldwell's Gate Lane	Open cut
TRX-03-00-00-003	8.926	367112	382467	Track	Unnamed/private track	Open cut
STRX-03-00-00-006	9.16	367332	382545	Stream/ditch	-	Open cut
RDX-03-00-00-013	9.432	367582	382646	Road	M6	Trenchless
RVX-03-00-00-003	9.55	367669	382728	River	Crowley Brook	Open cut
RDX-03-00-00-014	9.553	367670	382730	Road	Moss Lane	Open cut
STRX-03-00-00-007	9.873	367892	382961	Stream/ditch	-	Open cut
RDX-03-00-00-015	10.577	368369	383415	Road	Moss Lane	Open cut
STRX-03-00-00-008	10.586	368378	383416	Stream/ditch	-	Open cut
STRX-03-00-00-009	10.752	368541	383451	Stream/ditch	-	Open cut
TRX-03-00-00-004	10.757	368545	383452	Track	Unnamed/private track	Open cut

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
STRX-03-00-00-010	11.312	368900	383832	Stream/ditch	-	Open cut
TRX-03-00-00-005	11.625	369200	383919	Track	Unnamed/private track	Open cut
RDX-03-00-00-016	11.816	369348	384014	Road	A50	Trenchless
RDX-03-00-00-017	12.628	369740	384725	Road	Mowpen Brow	Open cut
RDX-03-00-00-018	13.096	370046	385061	Road	Beechtree Farm Close	Open cut
RDX-03-00-00-019	13.351	370278	385139	Road	B5159 West Lane	Open cut
STRX-03-00-00-011	13.613	370539	385126	Stream/ditch	-	Open cut
RDX-03-00-00-020	14.04	370851	385179	Road	M56	Trenchless
RDX-03-00-00-021	14.217	370953	385324	Road	Froghall Lane	Open cut
RDX-03-00-00-022	14.393	371054	385468	Road	Agden Lane	Open cut
RDX-03-00-00-023	15.571	371636	386455	Road	A56 Lymm Road	Trenchless
RDX-03-00-00-024	15.729	371645	386605	Road	Warrington Lane	Trenchless
CLX-03-00-00-001	15.772	371666	386642	Canal	Bridgewater Canal	Trenchless
TRX-03-00-00-006	16.016	371719	386876	Track	Unnamed/private track	Open cut
STRX-03-00-00-012	16.06	371709	386912	Stream/ditch	-	Open cut
RDX-03-00-00-025	16.064	371706	386915	Road	Spring Lane	Open cut

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RDX-03-00-00-026	16.338	371687	387170	Road	Spring Lane	Open cut
RVX-03-00-00-004	17.06	371772	387884	River	Agden Brook	Open cut
RVX-03-00-00-005	17.086	371779	387909	River	River Bollin	Open cut
STRX-03-00-00-013	17.495	372043	388197	Stream/ditch	-	Open cut
TRX-03-00-00-007	17.833	372185	388482	Track	Unnamed/private track	Open cut
RDX-03-00-00-027	18.046	372280	388648	Road	B5160 Dunham Road	Open cut
RDX-03-00-00-028	18.254	372432	388789	Road	Sawpit Street	Open cut
STRX-03-00-00-014	18.602	372722	388918	Stream/ditch	-	Open cut
STRX-03-00-00-015	18.871	372916	389084	Stream/ditch	-	Open cut
RVX-03-00-00-006	20.061	372985	390256	River	Caldwell Brook	Open cut
RDX-03-00-00-029	20.11	372993	390304	Road	Sinderland Lane	Open cut
RVX-03-00-00-007	20.326	373027	390517	River	Sinderland Brook	Open cut
STRX-03-00-00-016	20.885	373158	391033	Stream/ditch	-	Open cut

Table 2A.14 Crossing Schedule: Warburton HAGI to Warburton HIB (Warburton Spur)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
N/A						

Table 2A.15 Crossing Schedule: Partington to Partington HIB (Partington Spur)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
N/A						

Table 2A.16 Crossing Schedule: Partington HAGI to SAICA (Partington Spur)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
N/A						

Table 2A.17 Crossing Schedule: Partington HAGI to Basell (Partington Spur)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
N/A						

Table 2A.18 Crossing Schedule: Central Hub to Inovyn HSF (South Corridor)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
STRX-02-00-00-001	0.459	360188	377688	Stream/ditch	-	Open cut
RDX-02-00-00-001	0.568	360171	377580	Road	A533 Northwich Road	Trenchless
TRX-02-00-00-001	1.474	360078	376688	Track	Unnamed/private track	Open cut
CLX-02-00-00-001	1.905	359782	376376	Canal	Trent and Mersey Canal	Trenchless
TRX-02-00-00-002	2.08	359812	376203	Track	Unnamed/private track	Trenchless
RVX-02-00-00-001	2.108	359816	376175	River	River Weaver	Trenchless
STRX-02-00-00-002	2.479	359913	375821	Stream/ditch	-	Open cut
RDX-02-00-00-002	2.609	359966	375702	Road	Acton Lane	Open cut
RDX-02-00-00-003	4.053	360424	374378	Road	B5153 Station Road	Open cut
RLX-02-00-00-001	4.294	360354	374148	Rail	West Coast Main Line	Trenchless
RVX-02-00-00-002	4.542	360267	373928	River	Grange Brook	Open cut
RDX-02-00-00-004	5.844	360439	372774	Road	A49 Warrington Road	Trenchless
RDX-02-00-00-005	5.922	360506	372734	Road	Grange Lane	Open cut
RDX-02-00-00-006	6.22	360752	372574	Road	Millington Lane	Open cut
RDX-02-00-00-007	6.53	361033	372485	Road	Weaverham Road	Open cut

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RLX-02-00-00-002	7.094	361396	372076	Rail	Mid Cheshire Lane	Trenchless
STRX-02-00-00-003	7.497	361607	371751	Stream/ditch	-	Open cut
STRX-02-00-00-004	7.895	361712	371395	Stream/ditch	-	Open cut
RDX-02-00-00-008	8.189	361733	371133	Road	A556 Chester Road	Trenchless
RDX-02-00-00-009	9.219	362477	370508	Road	Whitegate Lane	Open cut
RVX-02-00-00-003	10.834	363957	370272	River	River Weaver	Trenchless
CLX-02-00-00-002	10.901	364024	370270	Canal	Weaver Navigation	Trenchless
TRX-02-00-00-003	11.049	364171	370265	Track	Unnamed/private track	Open cut
RLX-02-00-00-003	11.394	364516	370252	Rail	West Coast Main Line	Trenchless
TRX-02-00-00-004	12.667	365305	369314	Track	Unnamed/private track	Open cut
RDX-02-00-00-010	12.941	365472	369098	Road	Niddries Lane	Open cut
STRX-02-00-00-005	13.845	366153	368863	Stream/ditch	-	Open cut
RDX-02-00-00-011	14.02	366297	368953	Road	Jack Lane	Open cut
RDX-02-00-00-012	14.223	366495	368995	Road	A533	Trenchless
STRX-02-00-00-006	14.7	366967	368983	Stream/ditch	Peckmill Brook	Open cut
TRX-02-00-00-005	14.798	367065	368976	Track	Unnamed/private track	Open cut

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
TRX-02-00-00-006	14.822	367089	368974	Track	Unnamed/private track	Open cut
RDX-02-00-00-013	15.026	367279	368995	Road	London Road	Open cut
RVX-02-00-00-004	15.652	367766	369366	River	River Dane	Trenchless
CLX-02-00-00-003	15.937	368048	369411	Canal	Trent and Mersey Canal	Trenchless
TRX-02-00-00-007	16.265	368369	369471	Track	Unnamed/private track	Open cut
RVX-02-00-00-005	16.859	368897	369728	River	Puddinglake Brook	Open cut
TRX-02-00-00-008	16.957	368948	369791	Track	Unnamed/private track	Open cut
RLX-02-00-00-004	17.056	368956	369868	Rail	Middlewich Branch Line	Trenchless
RDX-02-00-00-014	17.515	369383	370035	Road	A530	Trenchless

Table 2A.19 Crossing Schedule: Central Hub to Tata Chemicals (Northwich Spur)

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
STRX-02-01-00-001	0.471	360215	377686	Stream/ditch	-	Open cut
RDX-02-01-00-001	0.833	360425	377466	Road	A533 Northwich Road	Trenchless
RDX-02-01-00-002	1.101	360647	377364	Road	A49 Warrington Road	Trenchless

Crossing Reference	KP	X	Y	Crossing Type	Name	Construction Method
RDX-02-01-00-003	1.111	360657	377366	Road	A533 Runcorn Road	Trenchless
RDX-02-01-00-004	1.748	361253	377170	Road	Ash House Lane	Open cut
RDX-02-01-00-005	2.564	361915	376694	Road	Shutley Lane	Open cut
RDX-02-01-00-006	3.693	362897	376140	Road	Stone Heyes Lane	Open cut
TRX-02-01-00-001	3.767	362963	376106	Track	Unnamed/private track	Open cut
RDX-02-01-00-007	4.286	363395	376222	Road	Hough Lane	Open cut
STRX-02-01-00-001	4.058	363607	376326	Stream/ditch	Marbury Brook	Open cut
RDX-02-01-00-008	4.787	363799	376189	Road	Cogshall Lane	Open cut
RDX-02-01-00-009	6.034	364885	375636	Road	Marbury Road	Trenchless
CLX-02-01-00-001	6.057	364903	375623	Canal	Trent and Mersey Canal	Trenchless
RDX-02-01-00-010	6.089	364929	375604	Road	Lift Lane	Trenchless
TRX-02-01-00-002	6.66	365206	375224	Track	Unnamed/private track	Open cut
TRX-02-01-00-003	6.701	365187	375188	Track	Unnamed/private track	Open cut
TRX-02-01-00-004	6.89	365098	375021	Track	Unnamed/private track	Open cut
CLX-02-01-00-002	6.935	365066	374990	Canal	Weaver Navigation	Trenchless

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