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PRELIMINARY ENVIRONMENTAL  
INFORMATION REPORT

**VOLUME 7, REPORT 4: CROSSINGS**  
**REGISTER**

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# 1 CROSSING REGISTER

## 1.1 INTRODUCTION

1.1.1 This crossing register outlined below represents obstacles identified along the proposed export cable corridor (ECC), the ECC is outlined in Volume 3, Chapter 1: Onshore Project Description. The crossing register is based upon the cable corridor presented at PEIR. This register will be revised when the ECC is refined for the Development Consent Order application.

1.1.2 The crossing register corresponds to sections of the cable route, there are five route sections in total. The full description of cable route sections is outlined Volume 3, Chapter 1: Onshore Project Description. The tables are split by type of crossing, there are eight types:

- > Road Crossings (Table 1)
- > Rail Crossings (Table 2)
- > Watercourses (Table 3)

PRoW and other paths (Table 4)

- > Overhead utilities (Table 5)
- > Other obstacles (Table 6)
- > Underground utilities (Table 7)
- > Environmental features (Table 8)

1.1.3 It is highlighted that not all obstacles cross the entire width of the ECC. Therefore as the ECC is refined for the Development Consent Order application, certain obstacles may be entirely avoided. The tables highlight key crossings and the approach currently proposed, this will be refined further as a result of detailed design.

1.1.4 The following codes are used in the last two columns of the table to denote the assumed and / or potential crossing techniques:

- > Y: Currently assumed crossing technique
- > P: Possible crossing technique that may be used
- > N: No/ Not considered appropriate crossing technique



**Table 1: Road Crossings**

SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / SURFACE	TRENCHED?	TRENCHLESS?
SECTION 1	ROAD CROSSING	RX-03	LITTLE CLACTON ROAD	SURFACE	P	Y
SECTION 1E	ROAD CROSSING	RX-01	B1032 CLACTON ROAD	SURFACE	P	Y
SECTION 1W	ROAD CROSSING	RX-02	B1032 CLACTON ROAD	SURFACE	P	Y
SECTION 2/3	ROAD CROSSING	RX-04	B1033 THORPE ROAD	SURFACE	P	Y
SECTION 3	ROAD CROSSING	RX-05	B1034 SNEATING HALL LANE	SURFACE	P	Y
SECTION 3	ROAD CROSSING	RX-06	DAMANT'S FARM LANE	SURFACE	P	Y
SECTION 3	ROAD CROSSING	RX-07	B1414 LANDERMERE ROAD	SURFACE	P	Y
SECTION 3	ROAD CROSSING	RX-08	GOLDEN LANE	SURFACE	Y	P
SECTION 3	ROAD CROSSING	RX-09	B1035 TENDERING ROAD	SURFACE	P	Y
SECTION 3	ROAD CROSSING	RX-10	WHITEHALL LANE	SURFACE	Y	P
SECTION 3	ROAD CROSSING	RX-11A	SWAN ROAD	SURFACE	N	Y
SECTION 3	ROAD CROSSING	RX-10A	B1035 TENDRING RD	SURFACE	N	Y
SECTION 3/4	ROAD CROSSING	RX-11	B1035 THORPE ROAD	SURFACE	P	Y
SECTION 4	ROAD CROSSING	RX-12	LODGE LANE	SURFACE	Y	P
SECTION 4	ROAD CROSSING	RX-13	WOLVES HALL LANE	SURFACE	Y	P
SECTION 4	ROAD CROSSING	RX-14	STONES GREEN ROAD	SURFACE	Y	P
SECTION 4/5	ROAD CROSSING	RX-15	A120	SURFACE	N	Y
SECTION 5	ROAD CROSSING	RX-16	B1035 CLACTON ROAD	SURFACE	P	Y
SECTION 5	ROAD CROSSING	RX-17	BENTLEY ROAD	SURFACE	P	Y
SECTION 5	ROAD CROSSING	RX-18	PAYNE'S LANE	SURFACE	Y	P
SECTION 5	ROAD CROSSING	RX-19	SPRATTS LANE	SURFACE	Y	P
SECTION 5	ROAD CROSSING	RX-20	BARLON ROAD	SURFACE	Y	P
SECTION 5	ROAD CROSSING	RX-21	ARDLEIGH ROAD	SURFACE	P	Y
SECTION 5	ROAD CROSSING	RX-22	GRANGE ROAD	SURFACE	Y	P
SECTION 5	ROAD CROSSING	RX-23	LITTLE BROMLEY RD	SURFACE	N	Y



**Table 2: Under Rail Track Crossing**

SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / SURFACE	TRENCHED?	TRENCHLESS?
SECTION 1/2	UNDER TRACK CROSSING	UTX-01	RAILWAY LINE	SURFACE	N	Y

**Table 3: Watercourse Crossings**

SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / SURFACE	TRENCHED?	TRENCHLESS?
SECTION 1 (LANDFALL)	WATERCOURSE CROSSING	WX-03	ENVIRONMENT AGENCY MAIN RIVER	SURFACE	N	Y
SECTION 1 (LANDFALL)	WATERCOURSE CROSSING	WX-01	ENVIRONMENT AGENCY MAIN RIVER	SURFACE	N	Y
SECTION 1 (LANDFALL)	WATERCOURSE CROSSING	WX-02	ENVIRONMENT AGENCY MAIN RIVER	SURFACE	P	Y
SECTION 1	WATERCOURSE CROSSING	WX-05	WATERCOURSE/DRAIN	SURFACE	Y	P
SECTION 1	WATERCOURSE CROSSING	WX-06	DRAIN FEEDING INTO POND	SURFACE	Y	P
SECTION 1W	WATERCOURSE CROSSING	WX-04	WATERCOURSE	SURFACE	P	Y
SECTION 3	WATERCOURSE CROSSING	WX-08	DRAIN ALONG DAMANT'S FARM LANE	SURFACE	P	Y
SECTION 3	WATERCOURSE CROSSING	WX-07	DRAIN ALONG B1034	SURFACE	P	Y
SECTION 3	WATERCOURSE CROSSING	WX-09	DRAIN	SURFACE	P	Y
SECTION 3	WATERCOURSE CROSSING	WX-11	WATERCOURSE	SURFACE	Y	P
SECTION 3	WATERCOURSE CROSSING	WX-10	WATERCOURSE	SURFACE	P	Y
SECTION 4	WATERCOURSE CROSSING	WX-12	ENVIRONMENT AGENCY MAIN RIVER	SURFACE	N	Y
SECTION 5	WATERCOURSE CROSSING	WX-14	WATER COURSE/DRAIN	SURFACE	Y	P
SECTION 5	WATERCOURSE CROSSING	WX-13	WATERCOURSE	SURFACE	P	Y
SECTION 5	WATERCOURSE CROSSING	WX-14	MINOR WATERCOURSE	SURFACE	Y	P
SECTION 5	WATERCOURSE CROSSING	WX-15	MINOR WATERCOURSE	SURFACE	Y	P
SECTION 5	WATERCOURSE CROSSING	WX-16	MINOR WATERCOURSE	SURFACE	Y	P



**Table 4: Footpath, bridleway or other track crossing**

SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / SURFACE	TRENCHED?	TRENCHLESS?
SECTION 1 (LANDFALL)	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-01	PUBLIC PATH ALONG THE SEA DEFENCE	SURFACE	N	Y
SECTION 1 (LANDFALL)	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-02	PUBLIC FOOTPATH	SURFACE	N	Y
SECTION 1 (LANDFALL)	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-07	TRACK	SURFACE	N	Y
SECTION 1 (LANDFALL)	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-03	TRACK (SHORT LANE)	SURFACE	Y	P
SECTION 1 (LANDFALL)	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-04	TRACK	SURFACE	Y	P
SECTION 1 (LANDFALL)	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-06	PATH	SURFACE	N	Y
SECTION 1	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-08	PUBLIC PATH	SURFACE	Y	P
SECTION 1	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-05	TRACK	SURFACE	Y	P
SECTION 1	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-09	PUBLIC FOOTPATH	SURFACE	Y	Y
SECTION 1	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-11	PUBLIC PATH	SURFACE	Y	P
SECTION 1	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-12	PUBLIC FOOTPATH	SURFACE	Y	P
SECTION 1	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-13	TRACK	SURFACE	Y	P
SECTION 1	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-14	TRACK	SURFACE	Y	P
SECTION 1	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-10	TRACK	SURFACE	Y	Y
SECTION 2	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-15	TRACK	SURFACE	Y	P
SECTION 2	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-16	TRACK/PATH	SURFACE	Y	P
SECTION 3	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-17	PUBLIC PATH	SURFACE	Y	P
SECTION 3	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-20	PUBLIC FOOTPATH	SURFACE	Y	P
SECTION 3	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-21	PUBLIC BRIDLEWAY	SURFACE	Y	P
SECTION 3	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-22	PUBLIC FOOTPATH	SURFACE	Y	P
SECTION 3	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-23	PUBLIC FOOTPATH	SURFACE	Y	P
SECTION 3	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-25	TRACK	SURFACE	Y	P



SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / SURFACE	TRENCHED?	TRENCHLESS?
SECTION 3	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-26	PUBLIC FOOTPATH	SURFACE	Y	P
SECTION 3	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-27	PUBLIC FOOTPATH	SURFACE	Y	P
SECTION 3	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-18	TRACK	SURFACE	Y	P
SECTION 3	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-19	TRACK	SURFACE	Y	P
SECTION 3	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-24	PATH/TRACK	SURFACE	Y	P
SECTION 4	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-28	TRACK	SURFACE	Y	P
SECTION 4	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-29	PUBLIC FOOTPATH (ALONG TENDRING BROOK)	SURFACE	N	Y
SECTION 4	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-31	PUBLIC FOOTPATH	SURFACE	Y	P
SECTION 4	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-33	PUBLIC FOOTPATH	SURFACE	Y	P
SECTION 4	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-35	PUBLIC FOOTPATH	SURFACE	Y	P
SECTION 4	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-34	TRACK	SURFACE	Y	P
SECTION 4	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-37	PUBLIC FOOTPATH	SURFACE	Y	P
SECTION 4	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-38	PUBLIC FOOTPATH	SURFACE	N	Y
SECTION 4	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-30	TRACK	SURFACE	Y	P
SECTION 4	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-32	TRACK	SURFACE	Y	P
SECTION 4	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-36	PUBLIC FOOTPATH	SURFACE	Y	P
SECTION 5	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-40	TRACK	SURFACE	Y	P
SECTION 5	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-41	TRACK	SURFACE	Y	P
SECTION 5	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-43	PUBLIC FOOTPATH	SURFACE	Y	P
SECTION 5	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-44	PATH	SURFACE	Y	P
SECTION 5	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-45	PUBLIC FOOTPATH	SURFACE	Y	P
SECTION 5	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-47	PUBLIC FOOTPATH	SURFACE	Y	P





SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / SURFACE	TRENCHED?	TRENCHLESS?
SECTION 5	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-48	PUBLIC FOOTPATH	SURFACE	Y	P
SECTION 5	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-39	TRACK	SURFACE	Y	P
SECTION 5	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-50	PATH/TRACK	SURFACE	Y	P
SECTION 5	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-51	PATH/TRACK	SURFACE	Y	P
SECTION 5	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-49	PATH/TRACK	SURFACE	N	Y
SECTION 5	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-46	PATH/TRACK	SURFACE	Y	P
SECTION 5	FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-42	PUBLIC PATH	SURFACE	Y	P



**Table 5: Overhead utilities crossings**

SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / TRENCHING SURFACE	TRENCHLESS-HDD
SECTION 1	OVERHEAD UTILITIES CROSSING	OUX-01	ELECTRIC HIGH VOLTAGE OVERHEAD	OVERHEAD	Y P
SECTION 1	OVERHEAD UTILITIES CROSSING	OUX-02	NOT RECORDED BUT OBSERVED ON SITE - OVERHEADS, LIKELY LOW VOLTAGE ELECTRICAL CABLES	OVERHEAD	P Y
SECTION 1	OVERHEAD UTILITIES CROSSING	OUX-03	OVERHEAD NOT RECORDED BUT CONFIRMED ON SITE	OVERHEAD	P Y
SECTION 1	OVERHEAD UTILITIES CROSSING	OUX-08	HIGH VOLTAGE ELECTRIC OVERHEAD CABLES	OVERHEAD	Y P
SECTION 1	OVERHEAD UTILITIES CROSSING	OUX-09	HIGH VOLTAGE ELECTRIC OVERHEAD CABLES	OVERHEAD	Y P
SECTION 1	OVERHEAD UTILITIES CROSSING	OUX-10	HIGH VOLTAGE ELECTRIC CABLES	OVERHEAD	Y P
SECTION 1	OVERHEAD UTILITIES CROSSING	OUX-04	BT TELECOMS OVERHEADS	OVERHEAD	P Y
SECTION 1	OVERHEAD UTILITIES CROSSING	OUX-06	BT TELECOMS OVERHEADS	OVERHEAD	P P
SECTION 1	OVERHEAD UTILITIES CROSSING	OUX-05	HIGH VOLTAGE OVERHEADS	OVERHEAD	P P
SECTION 1	OVERHEAD UTILITIES CROSSING	OUX-07	ELECTRIC HIGH VOLTAGE OVERHEADS	OVERHEAD	Y P
SECTION 2	OVERHEAD UTILITIES CROSSING	OUX-11	HIGH VOLTAGE ELECTRIC OVERHEAD CABLES	OVERHEAD	Y P
SECTION 3	OVERHEAD UTILITIES CROSSING	OUX-12	HIGH VOLTAGE OVERHEAD CABLES	OVERHEAD	Y P
SECTION 3	OVERHEAD UTILITIES CROSSING	OUX-13	OVERHEAD CABLES NOT RECORDED ON THE PLANS, NOTED ON GOOGLE EARTH IMAGE	OVERHEAD	P Y
SECTION 3	OVERHEAD UTILITIES CROSSING	OUX-16	OVERHEAD CABLES NOT RECORDED ON THE PLANS, NOTED ON GOOGLE EARTH IMAGE	OVERHEAD	P Y
SECTION 3	OVERHEAD UTILITIES CROSSING	OUX-17	HIGH VOLTAGE OVERHEAD CABLES	OVERHEAD	Y P
SECTION 3	OVERHEAD UTILITIES CROSSING	OUX-19	OVERHEAD CABLES NOT RECORDED ON THE PLAN, NOTED ON GOOGLE EARTH IMAGE	OVERHEAD	Y P
SECTION 3	OVERHEAD UTILITIES CROSSING	OUX-20	OVERHEAD CABLES NOT RECORDED ON THE PLAN, NOTED ON GOOGLE EARTH IMAGE	OVERHEAD	Y P
SECTION 3	OVERHEAD UTILITIES CROSSING	OUX-23	HIGH VOLTAGE OVERHEAD CABLES	OVERHEAD	P P



SECTION 3	OVERHEAD UTILIES CROSSING	OUX-29	HIGH VOLTAGE OVERHEAD CABLES	OVERHEAD	P	P
SECTION 3	OVERHEAD UTILIES CROSSING	OUX-27	HIGH VOLTAGE OVERHEAD CABLES	OVERHEAD	P	P
SECTION 3	OVERHEAD UTILIES CROSSING	OUX-18	LOW VOLTAGE ELECTRICAL OVERHEADS	OVERHEAD	Y	P
SECTION 3	OVERHEAD UTILIES CROSSING	OUX-21	HIGH VOLTAGE ELECTRICAL OVERHEADS	OVERHEAD	Y	P
SECTION 3	OVERHEAD UTILIES CROSSING	OUX-24	BT OPENREACH	OVERHEAD	N	Y
SECTION 3	OVERHEAD UTILIES CROSSING	OUX-25	BT OPENREACH	OVERHEAD	N	Y
SECTION 3	OVERHEAD UTILIES CROSSING	OUX-26	BT OPENREACH	OVERHEAD	N	Y
SECTION 3	OVERHEAD UTILIES CROSSING	OUX-15	BT OPENREACH TELECOMS	OVERHEAD	P	Y
SECTION 3	OVERHEAD UTILIES CROSSING	OUX-14	BT OPENREACH TELECOMS	OVERHEAD	P	Y
SECTION 4	OVERHEAD UTILIES CROSSING	OUX-30	BT TELECOMS	OVERHEAD	Y	P
SECTION 4	OVERHEAD UTILIES CROSSING	OUX-31	HIGH VOLTAGE OVERHEADS	OVERHEAD	Y	P
SECTION 4	OVERHEAD UTILIES CROSSING	OUX-32	HIGH VOLTAGE OVERHEADS	OVERHEAD	Y	P
SECTION 4	OVERHEAD UTILIES CROSSING	OUX-38	HIGH VOLTAGE OVERHEAD CABLES	OVERHEAD	Y	P
SECTION 4	OVERHEAD UTILIES CROSSING	OUX-22	HIGH VOLTAGE ELECTRICAL OVERHEADS	OVERHEAD	Y	P
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-36	HIGH VOLTAGE ELECTRICAL CABLES	OVERHEAD	Y	P
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-39	BT TELECOMS OVERHEAD	OVERHEAD	P	Y
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-41	HIGH VOLTAGE ELECTRIC CABLES	OVERHEAD	P	P
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-42	HIGH VOLTAGE ELECTRICAL CABLES	OVERHEAD	Y	P
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-43	BT TELECOMS	OVERHEAD	Y	P
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-45	HIGH VOLTAGE OVERHEAD CABLES	OVERHEAD	Y	P
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-47	BT TELECOMS	OVERHEAD	P	Y
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-48	HIGH VOLTAGE OVERHEAD CABLES	OVERHEAD	P	Y
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-50	HIGH VOLTAGE ELECTRICITY CABLES	OVERHEAD	Y	P
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-52	HIGH VOLTAGE ELECTRICITY CABLES	OVERHEAD	Y	P
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-51	HIGH VOLTAGE ELECTRICITY CABLES	OVERHEAD	Y	P
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-46	HIGH VOLTAGE OVERHEAD CABLES	OVERHEAD	Y	P
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-37	HIGH VOLTAGE ELECTRICAL OVERHEADS	OVERHEAD	Y	P
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-49	OVERHEAD HIGH VOLTAGE cables	OVERHEAD	Y	P



SECTION 5	OVERHEAD UTILIES CROSSING	OUX-40	HIGH VOLTAGE OVERHEADS	OVERHEADS	Y	P
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-28	HIGH VOLTAGE ELECTRICAL OVERHEADS	OVERHEAD	Y	P
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-33	HIGH VOLTAGE OVERHEADS	OVERHEAD	Y	P
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-34	HIGH VOLTAGE OVERHEADS	OVERHEAD	N	Y
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-35	HIGH VOLTAGE OVERHEADS	OVERHEAD	N	Y
SECTION 5	OVERHEAD UTILIES CROSSING	OUX-44	HIGH VOLTAGE OVERHEADS	OVERHEAD	Y	P

**Table 6: Other obstacle crossings**

SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / TRENCHING SURFACE		TRENCHLESS-HDD
LANDFALL	OTHER OBSTACLE CROSSING	OOX-03	HOLLAND HAVEN MARCHS SSSI	SURFACE	N	Y
LANDFALL	OTHER OBSTACLE CROSSING	OOX-05	HOLLAND HAVEN MARCHS SSSI	SURFACE	N	Y
LANDFALL	OTHER OBSTACLE CROSSING	OOX-04	SEA DEFENCE (SLOPING MASONRY, WALL)	SURFACE	N	Y
LANDFALL	OTHER OBSTACLE CROSSING	OOX-01	SEA DEFENCE (SLOPING MASONRY, WALL)	SURFACE	N	Y
LANDFALL	OTHER OBSTACLE CROSSING	OOX-02	FRINTON GOLF COURSE WITH COMPLEX DRAINAGE AND IRRIGATION SYSTEM	SURFACE/BURIED	N	Y



**Table 7: Underground Utility Crossings**

SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / SURFACE	TRENCHED?	TRENCHLESS?
SECTION 1 (LANDFALL)	UNDERGROUND UTILITIES CROSSING	UUX-07	OPENREACH CABLES	BURIED	N	Y
SECTION 1	UNDERGROUND UTILITIES CROSSING	UUX-05	AFFINITY WATER MAIN	BURIED	P	Y
SECTION 1	UNDERGROUND UTILITIES CROSSING	UUX-12	TELECOMS BT OPENREACH	BURIED	P	Y
SECTION 1	UNDERGROUND UTILITIES CROSSING	UUX-13	UNKNOWN WATER MAIN	BURIED	P	Y
SECTION 1	UNDERGROUND UTILITIES CROSSING	UUX-14	ABANDONED WATER MAIN	BURIED	P	Y
SECTION 1	UNDERGROUND UTILITIES CROSSING	UUX-15	UNKNOWN WATER MAIN	BURIED	P	Y
SECTION 1	UNDERGROUND UTILITIES CROSSING	UUX-16	AFFINITY WATER MAIN	BURIED	P	Y
SECTION 1	UNDERGROUND UTILITIES CROSSING	UUX-17	LOW PRESSURE GAS MAIN	BURIED	P	Y
SECTION 1	UNDERGROUND UTILITIES CROSSING	UUX-06	BT OPENREACH TELECOMS	BURIED	P	Y
SECTION 1	UNDERGROUND UTILITIES CROSSING	UUX-18	LOW PRESSURE GAS MAIN	OVERHEAD	P	P
SECTION 1/2	UNDERGROUND UTILITIES CROSSING	UUX-19	INTERMEDIATE PRESSURE GAS MAIN	BURIED	P	P
SECTION 1W	UNDERGROUND UTILITIES CROSSING	UUX-08	BT OPENREACH TELECOMS CABLES	BURIED	P	Y
SECTION 1W	UNDERGROUND UTILITIES CROSSING	UUX-09	UNKNOWN WATER MAIN	BURIED	P	Y
SECTION 1W	UNDERGROUND UTILITIES CROSSING	UUX-10	AFFINITY WATER CABLE ASSOCIATED WITH WATER MAIN	BURIED	P	Y
SECTION 1W	UNDERGROUND UTILITIES CROSSING	UUX-11	AFFINITY WATER MAIN	BURIED	P	Y
SECTION 1W	UNDERGROUND UTILITIES CROSSING	UUX-01	BT OPENREACH TELECOMS	BURIED	P	Y
SECTION 1W	UNDERGROUND UTILITIES CROSSING	UUX-02	UNKNOWN WATER MAIN	BURIED	P	Y
SECTION 1W	UNDERGROUND UTILITIES CROSSING	UUX-03	BT OPENREACH TELECOMS	BURIED	P	Y
SECTION 1W	UNDERGROUND UTILITIES CROSSING	UUX-04	AFFINITY WATER CABLE ASSOCIATED WITH WATER MAIN	BURIED	P	Y
SECTION 2	UNDERGROUND UTILITIES CROSSING	UUX-22	AFFINITY WATER CABLE ASSOCIATED WITH THE WATER MAIN	BURIED	P	P
SECTION 2	UNDERGROUND UTILITIES CROSSING	UUX-23	AFFINITY WATER MAIN	BURIED	P	P
SECTION 2/3	UNDERGROUND UTILITIES CROSSING	UUX-27	BT OPENREACH TELECOMS	BURIED	P	Y
SECTION 2/3	UNDERGROUND UTILITIES CROSSING	UUX-28	BT OPENREACH TELECOMS	BURIED	P	Y
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-29	BT OPENREACH TELECOMS	BURIED	P	Y
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-31	AFFINITY WATER MAIN (NOTED AS ABANDONED)	BURIED	P	Y
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-30	AFFINITY WATER CABLE ASSOCIATED WITH A WATER MAIN	BURIED	P	Y
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-32	CABLE ASSOCIATED WITH AN UNKNOWN WATER MAIN	BURIED	P	Y
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-33	UNKNOWN WATER MAIN	BURIED	P	Y
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-34	BT OPENREACH TELECOMS	BURIED	P	Y
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-35	UNKNOWN WATER MAIN	BURIED	P	Y



SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / SURFACE	TRENCHED?	TRENCHLESS?
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-36	AFFINITY WATER MAIN	BURIED	P	Y
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-37	AFFINITY WATER MAIN	BURIED	P	Y
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-38	AFFINITY WATER ABANDONED MAIN	BURIED	P	Y
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-39	AFFINITY WATER ABANDONED MAIN	BURIED	P	Y
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-40	AFFINITY WATER MAIN	BURIED	P	Y
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-41	AFFINITY CABLE ASSOCIATED WITH WATER MAIN	BURIED	P	Y
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-42	AFFINITY WATER MAIN	BURIED	Y	P
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-43	AFFINITY CABLE ASSOCIATED WITH THE WATER MAIN	BURIED	Y	P
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-50	WATER MAIN UNKNOWN	BURIED	N	Y
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-51	AFFINITY WATER MAIN	BURIED	N	Y
SECTION 3	UNDERGROUND UTILITIES CROSSING	UUX-44	AFFINITY WATER MAIN	BURIED	N	Y
SECTION 3/4	UNDERGROUND UTILITIES CROSSING	UUX-45	UNKNOWN WATER MAIN	BURIED	P	Y
SECTION 3/4	UNDERGROUND UTILITIES CROSSING	UUX-46	UNKNOWN WATER MAIN	BURIED	P	Y
SECTION 3/4	UNDERGROUND UTILITIES CROSSING	UUX-47	AFFINITY ABANDONED WATER MAIN	BURIED	P	Y
SECTION 3/4	UNDERGROUND UTILITIES CROSSING	UUX-48	AFFINITY ABANDONED WATER MAIN	BURIED	P	Y
SECTION 4	UNDERGROUND UTILITIES CROSSING	UUX-52	AFFINITY WATER MAIN	BURIED	P	Y
SECTION 4	UNDERGROUND UTILITIES CROSSING	UUX-53	AFFINITY WATER	BURIED	P	Y
SECTION 4	UNDERGROUND UTILITIES CROSSING	UUX-54	UNKNOWN WATER MAIN	BURIED	P	Y
SECTION 4	UNDERGROUND UTILITIES CROSSING	UUX-55	BT TELECOM	BURIED	Y	P
SECTION 4	UNDERGROUND UTILITIES CROSSING	UUX-56	UNKNOWN WATER MAIN	BURIED	Y	P
SECTION 4	UNDERGROUND UTILITIES CROSSING	UUX-57	AFFINITY WATER MAIN	BURIED	Y	P
SECTION 4	UNDERGROUND UTILITIES CROSSING	UUX-58	AFFINITY WATER MAIN	BURIED	Y	P
SECTION 4	UNDERGROUND UTILITIES CROSSING	UUX-49	AFFINITY WATER MAIN	BURIED	P	P
SECTION 4	UNDERGROUND UTILITIES CROSSING	UUX-60	PRIVATE WATER SUPPLY	BURIED	P	P
SECTION 4/5	UNDERGROUND UTILITIES CROSSING	UUX-61	BT TELECOMS	BURIED	P	Y
SECTION 4/5	UNDERGROUND UTILITIES CROSSING	UUX-62	AFFINITY WATER	BURIED	P	Y
SECTION 4/5	UNDERGROUND UTILITIES CROSSING	UUX-63	AFFINITY WATER MAIN	BURIED	P	Y
SECTION 4/5	UNDERGROUND UTILITIES CROSSING	UUX-64	OPENREACH CABLES	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-69	AFFINITY WATER	BURIED	P	P
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-70	UNKNOWN WATER MAIN	BURIED	P	P
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-71	UNKNOWN WATER MAIN	BURIED	P	P
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-73	AFFINITY WATER	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-74	AFFINITY WATER	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-75	UNKNOWN WATER MAIN	BURIED	P	Y



SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / SURFACE	TRENCHED?	TRENCHLESS?
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-76	AFFINITY WATER ABANDONED WATER MAIN	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-77	AFFINITY WATER ABANDONED WATER MAIN	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-78	BT TELECOMS	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-79	ABANDONED WATER MAIN	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-80	ABANDONED WATER MAIN	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-81	ABANDONED WATER MAIN	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-82	UNKNOWN WATER MAIN	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-88	DRAIN: NOT NOTED ON THE UTILITY PLANS	BURIED	Y	P
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-89	BT TELECOMS	BURIED	Y	P
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-90	BT TELECOMS	BURIED	Y	P
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-83	UNDERGROUND WATERMAIN AND PUMP	BURIED	Y	P
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-72	TELECOMS BT OPENREACH	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-84	PRIVATE ELECTRICAL CABLE AND IRRIGATION MAIN	BURIED	Y	P
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-91	BT TELECOMS	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-93	BT TELECOMS	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-92	AFFINITY WATER MAIN	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-85	BT OPENREACH TELECOMS	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-86	BT OPENREACH TELECOMS	BURIED	P	Y
SECTION 5	UNDERGROUND UTILITIES CROSSING	UUX-87	BT OPENREACH TELECOMS	BURIED	Y	P



**Table 8: Environmental feature crossings**

SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / SURFACE	TRENCHED?	TRENCHLESS?
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-01	MATURE TREES	SURFACE	Y	P
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-02	MATURE TREES ALONG CLACTON ROAD	SURFACE	N	Y
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-03	MATURE TREES ALONG B1032 ROAD	SURFACE	N	Y
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-06	HEDGEROW ALONG LITTLE CLACTON ROAD	SURFACE	P	Y
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-08	HEDGEROW	SURFACE	Y	P
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-12	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-13	HEDGEROW	SURFACE	Y	P
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-15	POND	SURFACE	Y	P
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-11	MATURE TREES	SURFACE	Y	P
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-16	MATURE TREES	SURFACE	Y	P
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-04	MATURE TREES ALONG B1032 ROAD	SURFACE	N	Y
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-07	HEDGEROW ALONG LITTLE CLACTON ROAD	SURFACE	P	Y
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-10	HEDGEROW	SURFACE	Y	P
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-14	HEDGEROW	SURFACE	Y	P
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-17	HEDGEROW	SURFACE	Y	P
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-09	HEDGEROW	SURFACE	Y	P
SECTION 1	ENVIRONMENTAL OBSTACLE CROSSING	EOX-05	HEDGEROW	SURFACE	Y	P
SECTION 1/2	ENVIRONMENTAL OBSTACLE CROSSING	EOX-19	MATURE TREES/DENSE VEGETATION ALONG RAILWAY	SURFACE	N	Y
SECTION 1/2	ENVIRONMENTAL OBSTACLE CROSSING	EOX-20	MATURE TREES/DENSE VEGETATION ALONG RAILWAY	SURFACE	N	Y
SECTION 2	ENVIRONMENTAL OBSTACLE CROSSING	EOX-25	PORKLANE GROVE WOODLAND	SURFACE	P	Y
SECTION 2	ENVIRONMENTAL OBSTACLE CROSSING	EOX-22	HEDGEROW	SURFACE	P	P
SECTION 2	ENVIRONMENTAL OBSTACLE CROSSING	EOX-26	MATURE TREES	SURFACE	P	P
SECTION 2	ENVIRONMENTAL OBSTACLE CROSSING	EOX-23	HEDGEROW	SURFACE	P	Y
SECTION 2	ENVIRONMENTAL OBSTACLE CROSSING	EOX-24	HEDGEROW	SURFACE	P	Y
SECTION 2/3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-27	HEDGEROW ALONG THORPE ROAD	SURFACE	P	Y
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-28	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-30	HEDGEROW ALONG SNEATING HALL LN	SURFACE	P	Y





SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / SURFACE	TRENCHED?	TRENCHLESS?
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-32	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-33	HEDGEROW	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-35	HEDGEROW/MATURE TREES	SURFACE	P	Y
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-36	WOODLAND	SURFACE	N	Y
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-38	HEDGEROW	SURFACE	P	Y
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-40	HEDGEROW	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-41	HEDGEROW	SURFACE	P	Y
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-42	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-44	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-46	HEDGEROW ALONG GOLDEN LN	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-49	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-50	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-54	MATURE TREES	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-51	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-55	HEDGEROW/TREES	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-56	HEDGEROW ALONG TENDRING ROAD	SURFACE	P	Y
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-58	HEDGEROW	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-60	ANCIENT HEDGEROW - HEDGE ALONG WHITEHALL LN	SURFACE	P	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-61	HEDGEROW	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-62	POND	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-31	HEDGEROW ALONG SNEATING HALL LN	SURFACE	P	Y
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-47	HEDGEROW ALONG GOLDEN LN	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-52	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-57	HEDGEROW ALONG TENDRING ROAD	SURFACE	P	Y
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-59	HEDGE ALONG WHITEHALL LN	SURFACE	P	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-64	WOODLAND	SURFACE	N	Y
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-63	PONDING WATER	SURFACE	N	Y
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-45	RESERVOIR	SURFACE	P	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-29	MATURE TREES	SURFACE	Y	P



SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / SURFACE	TRENCHED?	TRENCHLESS?
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-34	HEDGE/MATURE TREES	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-43	MATURE TREE	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-48	HEDGEROW	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-53	HEDGEROW	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-37	HEDGEROW	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-39	HEDGEROW	SURFACE	Y	P
SECTION 3	ENVIRONMENTAL OBSTACLE CROSSING	EOX-65	HEDGEROW ALONG SWAN RD	SURFACE	N	Y
SECTION 3/4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-66	HEDGEROW ALONG THORPE RD	SURFACE	P	Y
SECTION 3/4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-67	HEDGEROW ALONG THORPE RD	SURFACE	P	Y
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-69	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-70	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-71	MATURE TREES ALONG TENDRING BROOK	SURFACE	N	Y
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-72	POND	SURFACE	N	Y
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-73	HEDGEROW/MATURE TREES ALONG LODGE LN	SURFACE	Y	P
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-74	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-75	MATURE TREES ON THE APPROACH TO WOLVES HALL LN	SURFACE	Y	P
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-76	HEDGEROW ALONG WOLVES HALL LN	SURFACE	Y	P
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-77	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-81	HEDGEROW ALONG STONE GREEN RD	SURFACE	Y	P
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-78	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-79	POND	SURFACE	Y	P
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-82	HEDGE ALONG THE A120	SURFACE	N	Y
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-84	WOODLAND	SURFACE	P	P
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-80	WOODLAND	SURFACE	Y	P
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-83	HEDGE ALONG THE A120	SURFACE	N	Y
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-85	HEDGEROW	SURFACE	Y	P
SECTION 4	ENVIRONMENTAL OBSTACLE CROSSING	EOX-68	A NUMBER OF YOUNG TREES PLANTED ALONG THE FIELD BOUNDARIES	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-86	HEDGEROW ALONG CLACTON ROAD	SURFACE	P	Y



SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / SURFACE	TRENCHED?	TRENCHLESS?
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-88	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-89	RESERVOIR	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-91	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-92	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-99	HEDGEROW ALONG BENTLEY RD	SURFACE	P	Y
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-101	HEDGEROW/MATURE TREES	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-102	HEDGEROW ALONG SPRATS LN	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-103	HEDGEROW WITHIN SUBSTATION ZONE	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-112	HEDGEROW ALONG GRANGE RD	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-108	HEDGEROW ALONG ARDLEIGH RD	SURFACE	P	Y
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-87	MATURE TREES AND HEDGEROW ALONG CLACTON ROAD	SURFACE	P	Y
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-90	RESERVOIR	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-93	STANDING OPEN WATER	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-94	HEDGEROW	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-96	HEDGEROW	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-98	HEDGEROW	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-97	HEDGEROW	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-95	HEDGEROW	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-100	HEDGEROW	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-111	MATURE TRESS	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-122	MATURE TREES	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-124	MATURE TREES	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-105	MATURE TREES/HEDGEROW	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-107	HEDGEROW	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-110	HEDGEROW	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-125	HEDGEROW	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-126	HEDGEROW	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-123	HEDGEROW	SURFACE	N	Y
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-104	HEDGEROW	SURFACE	P	P



SECTION OF CABLE ROUTE	OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / BURIED / SURFACE	TRENCHED?	TRENCHLESS?
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-106	MATURE TREES	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-109	HEDGEROW	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-114	HEDGEROW	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-116	HEDGEROW	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-117	HEDGEROW	SURFACE	P	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-113	HEDGEROW	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-118	HEDGEROW	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-115	HEDGEROW	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-119	HEDGEROW	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-120	MATURE TREES	SURFACE	Y	P
SECTION 5	ENVIRONMENTAL OBSTACLE CROSSING	EOX-121	MATURE TREES	SURFACE	P	P



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