

1300-880-01-0005-000672H

ON 5M

Culvert ID	KP Chainage	Hatch Chainage	Distance	Fish Bearing Status	Number of Pipes	Existing Diameter	Proposed Diameter	Existing Length	Proposed Length	E	W	Culvert C/L At Upstream	U/S INV. ELV.	Rip Rap Required	Culvert C/L At Downstream	D/S INV. ELV.	Rip Rap Required	C	Rip Rap Apron Length	Slope	Skew Degree	What To Do	Comments		
	(m)	(m)	(km)	(Y/N/P)	(n)	(m)	(m)	(m)	(m)	(mm)	(mm)	Northing	Easting	(m)	(Y/N)	Northing	Easting	(m)	(Y/N)	(mm)	(m)	(%)			
CV123G		28+291	21+139	NO	1		0.5		11.5		500												New		
CV123H	A22+900	28+509	21+357	NO	1	0.5		9	17.5		500			91.824	N			91.377	Y	300	2	4.97	Extend	Extend 8.5m right	
CV120A	A23+002	28+619	21+467	NO	1	0.5		18	21					86.756	N			86.721	N	300		0.19	Extend	Extend 3m right	
CV120B	A23+012	28+621	21+469	NO	3	0.5		18	22	50	2800			86.803	N			86.793	N	300		0.06	Extend	Extend 4m right	
CV120C	A23+013	28+622	21+470	NO	3	0.5		18	21.5	50	2800			86.728	N			86.686	N	300		0.23	Extend	Extend 3.5m right	
CV120D	A23+018	28+627	21+475	NO	3	1		18	22.5	100	2800			86.547	N			86.505	N	500		0.23	Extend	Extend 4.5m right	
CV119A	A23+756	29+348	22+196	NO	1	1		15	17		1000			97.055	N			96.345	Y	500	4	4.73	Extend	Extend 0.5m left & 1.5m right	
CV119B	A24+470	30+072	22+920	NO	1	0.1		7.6						104.389	N			104.070	N			4.20	Abandon		
CV119C	A25+060	30+663	23+511	NO	1	0.5		9	12		500			105.062	N			104.740	N	300		3.47	Extend	Extend 3m right	
CV197A	A25+133	30+738	23+586	NO	1	0.15	0.5	7.5	9.5		500			105.959	N			105.830	N	300		1.72	Replace	Replace with new length of 9.5m	
CV197B	A25+267	30+859	23+708	NO	1	0.15	0.5	7.4	9.5		500			106.198	N			105.926	N	300		3.68	Replace	Replace with new length of 9.5m	
CV197C	A25+258	30+860	23+707	NO	1	0.15		7.3						106.239	N			105.812	N			5.85	Remove		
CV197D	A25+737	31+341	24+189	NO	1	0.15	0.5	10.4	10		500			105.125	N			104.756	N	300		3.55	Replace	Replace with new length of 10m	
CV198A	A25+939	31+543	24+391	NO	1	0.15	0.5	9.3	10		500			105.697	N			105.625	N	300		0.77	Replace	Replace with new length of 10m	
CV198B	A26+248	31+852	24+700	NO	1	0.15	0.5	10.3	9.5		500			107.397	N			107.074	N	300		3.14	Replace	Abandon and replace with new length of 9.5m	
CV198C	A26+248	31+852	24+700	NO	1	0.15		10.4						107.335	N			107.067	N			2.58	Abandon		
CV117A	A26+584	32+186	25+034	NO	2	1		12	15		2000			104.178	N			103.921	Y	500	4	2.14	Extend	Extend 3m left	
CV117B	A26+581	32+184	25+032	NO	2	0.5		12	15.5		2000			104.161	N			103.781	N	300		3.17	Extend	Extend 3m left & 0.5m right	
CV116	A26+890	32+494	25+342	NO	1	0.5		12	13.5		500			102.865	N			102.834	N	300		0.26	Extend	Extend 1.5m right	
CV115A	A27+193	32+803	25+651	POTENTIAL	2	0.5		15	17.5		1800			104.408	N			104.380	N	300		0.19	Extend	Extend 2.5m left	
CV115B	A27+200	32+804	25+652	POTENTIAL	2	1		15	17	100	1800			104.004	N			103.973	N	500		0.21	Extend	Extend 2m left	
CV115C	A28+244	40+240	33+088	POTENTIAL	1	0.5		12	15.5					108.049	N			107.639	N	300		3.42	Extend	Extend 3.5m right	
CV115D	A28+573	40+570	33+418	POTENTIAL	1	0.5		9	17		500			110.846	N			110.412	Y	300	2	4.82	Extend	Extend 8m left	
CV114A	A29+151	41+143	33+991	POTENTIAL	1	1		15	15.5		1000			106.904	N			106.247	Y	500	4	4.38	Extend	Extend 0.5m right	
CV114B	A29+223	41+221	34+069	POTENTIAL	1	0.5		9	14		500			109.075	N			108.752	N	300		3.59	Extend	Extend 5m left	
CV114C	A29+447	41+447	34+295	POTENTIAL	1	0.15	0.5	10.4	11		500			111.172	N			110.546	Y	300	2	6.02	Replace	Replace with new length of 11m	
CV114D	A29+632	41+631	34+479	POTENTIAL	1	0.5		9	11.5		500			112.058	N			111.648	Y	300	2	4.56	Extend	Extend 2m left & 0.5m right	
CV201	A29+982	41+981	34+829	NO	1	0.5		9	12		500			112.606	N			112.265	N	300		3.79	Extend	Extend 1.5m left & 1.5m right	
CV113A	A30+157	42+155	35+003	NO	1	0.5		15	18		500			113.243	N			112.746	N	300		3.31	Extend	Extend 3m left	
CV113B	A30+153	42+151	34+999	NO	3	0.5		15	16	50	2100			113.573	N			112.878	Y	300	2	4.63	Extend	Extend 1m left	
CV113C	A30+154	42+153	35+001	NO	3	0.5		12	14	50	2100			113.713	N			112.950	Y	300	2	6.36	Extend	Extend 2m left	
CV113D	A30+155	42+154	35+002	NO	3	0.5		15	17.5	50	2100			113.765	N			112.911	Y	300	2	5.69	Extend	Extend 2.5m left	
CV113E	A30+587	42+585	35+433	NO	1	0.15	1	10.3	12.5		1000			110.397	N			109.926	Y	500	4	4.57	Replace	Replace with new length of 12.5m	
CV112A	A30+947	42+941	35+789	YES	2	1.2		15	17.5		2200			112.797	N			112.427	Y	500	4.8	2.47	Extend	Extend 2.5m right	
CV112B	A30+951	42+942	35+790	YES	2	0.5		15	24	50	500			113.029	N			112.580	N	300		2.99	Extend	Extend 9m right	
CV112C	A31+410	43+400	36+248	YES	1	0.5		12	21		500			118.084	N			117.551	Y	300	2	4.44	Extend	Extend 9m left	
CV111	A31+489	43+492	36+340	YES	1	1		18	24		1000			115.851	N			115.017	Y	500	4	4.63	Extend	Extend 4.5m left & 1.5m right	
CV110A	A31+726	43+715	36+563	NO	1	0.5		12	22.5		500			117.920	N			117.546	N	300		3.12	Extend	Extend 8.5m left & 2m right	
CV110B	A31+855	43+843	36+691	NO	1	0.5		9	16.5		500			117.084	N			116.540	Y	300	2	6.04	Extend	Extend 7.5m left	
CV108A	A31+994	43+982	36+830	NO	1	0.5		9						115.167	N			114.964	N			2.26	Abandon		
CV108B		43+929	36+777	NO	1		0.5		10.5		500				N				N	300				New	
CV108C		44+018	36+866	NO	1		0.5		11.5		500				N				N	300				New	
CV108D	A32+266	44+250	37+098	NO	1	0.5		12	20		500			110.478	N			110.351	N	300		1.06	Extend	Extend 8m right	
CV202	A32+336	44+315	37+163	NO	1	1		15	17		1000			109.116	N			108.708	Y	500	4	2.72	Extend	Extend 2m left	
CV107	A32+601	44+584	37+432	NO	1	0.5		9	15		500			111.293	N			111.198	N	300		1.06	Extend	Extend 6m right	
CV106	A32+681	44+667	37+515	POTENTIAL	1	1		15	19		1000			112.791	N			112.460	Y	500	4	2.21	Extend	Extend 4m left	
CV105	A32+818	44+801	37+649	NO	1	0.15	0.5	12.4	13		500			113.481	N			113.198	N	300		2.28	Replace	Replace with new length of 13m	
CV104A	A33+301	45+289	38+137	POTENTIAL	2	1.2		15	19		2900			112.917	N			112.325	Y	500	4.8	3.95	Extend	Extend 4m left	
CV104B	A33+307	45+290	38+138	POTENTIAL	2	1.2		15	19	120	2900			112.713	N			112.152	Y	500	4.8	3.74	Extend	Extend 4m left	
CV203A	A33+665	45+646	38+494	NO	1	1		12	17		1000			115.344	N			114.653	Y	500	4	5.76	Extend	Extend 2m left & 3m right	
CV203B	A33+781	45+763	38+611	NO	2	0.5		12	13	50	1300			109.860	N			109.599	N	300		2.17	Extend	Extend 0.5m left & 0.5m right	
CV203C	A33+782	45+764	38+612	NO	2	0.5		12	13	50	1300			109.800	N			109.604	N	300		1.63	Extend	Extend 0.5m left & 0.5m right	
CV203D	A34+039	46+020	38+868	NO	1	0.15		13.2						110.704	N			110.650	N			0.41	Abandon		
CV203E	A34+040	46+021	38+869	NO	1	0.15		13.6						110.746	N			110.668	N			0.57	Abandon		
CV203F		46+104	38+952	NO	1		0.5		17		500				N				N	300				New	
CV203G	A34+277	46+258	39+106	NO	1	0.15		14						112.677	N			112.192	N			3.46	Abandon		
CV204A	A34+650	46+632	39+480	NO	1	0.15		12.5						113.952	N			113.656	N			2.37	Abandon		
CV204B	A35+217	47+198	40+046	NO	1	0.5		9	13.5		500			111.556	N			111.394	N	300		1.80	Extend	Extend 3.5m left & 1m right	
CV204C	A35+286	47+268	40+116	NO	1	0.15		10.5						111.971	N			111.722	N			2.37	Abandon		
CV103	A35+383	47+364	40+212	NO	1	0.5		8.2	21.2		500			110.650	N			110.301	N	300		4.26	Extend	Extend 13m right	
CV102A	A35+540	47+521	40+369	YES	4	1		15	22.5		3600			113.063	N			112.454	Y	500	4	4.06	Extend	Extend 7.5m left	
CV102B	A35+543	47+525	40+373	YES	4	0.5		15	21.5	50	3600			113.065	N			112.759	N	300		2.04	Extend	Extend 6.5m left	
CV102C	A35+544	47+526	40+374	YES	4	0.5		15	21.5	50	3600			113.036	N			112.771	N	300		1.77	Extend	Extend 6.5m left	
CV102D	A35+545	47+528	40+376	YES	4	0.5		15	20.5	50	3600			113.026	N			112.734	N	300		1.95	Extend	Extend 5.5m left	
CV101	A36+469	48+449	41+297	NO																					