

3000-880-01-0005-000675H

ON DWG

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)	(%)		
V092 & CV091	A42+445	54+400	47+248	NO	3	1		12	19.5		4000			147.720	N			147.578	N	500		1.18	Extend	Extend 4.5m left & 3m right
V092 & CV091	A42+445	54+400	47+248	NO	3	1		12	19.5		4000			147.728	N			147.631	N	500		0.81	Extend	Extend 4.5m left & 3m right
CV090A	A44+351	56+296	49+144	NO	1	1		12						168.190	N			167.940	N			2.08	Remove	
CV090B	A44+366	56+312	49+160	NO	1	0.5	1	12	11		1000			168.500	N			168.314	N	500		1.55	Replace	Replace with new length of 11m
CV088	A45+506	57+434	50+282	NO	1	1		9	13		1000			169.559	N			169.266	Y	500	4	3.26	Extend	Extend 3m left & 1m right
CV087A	A45+741	57+668	50+516	POTENTIAL	2	1.2		12	18.5		2900			168.080	N			167.836	Y	500	4.8	2.03	Extend	Extend 6m left & 0.5m right
CV087B	A45+737	57+664	50+512	POTENTIAL	2	1.2		12	19		2900			168.085	N			167.832	Y	500	4.8	2.11	Extend	Extend 6.5m left & 0.5m right
CV087C	A45+752	57+678	50+526	POTENTIAL	1	0.5		12	18		500			168.773	N			168.306	N	300		3.89	Extend	Extend 6m right
CV086	A45+814	57+738	50+586	NO	1	1		18	24.5		1000				N				Y	500	4		Extend	Extend 6.5m right
CV085	A45+933	57+858	50+706	NO	1	1		15	25		1000			165.472	N			164.747	Y	500	4	4.83	Extend	Extend 4m left & 6m right
CV084	A46+563	58+478	51+326	NO	1	0.5		12	12.5		500			169.910	N			169.569	N	300		2.84	Extend	Extend 0.5m left
CV083A	A47+169	59+091	51+939	NO	1	1		12	17.5		1000			175.054	N			174.776	Y	500	4	2.32	Extend	Extend 3m left & 2.5m right
CV083B	A49+014	60+926	53+774	NO	1	0.15		11.2						174.820	N			174.817	N			0.03	Abandon	
CV082A	A49+167	61+083	53+931	NO	3	1.2		12	14.5		3000			173.216	N			173.026	Y	500	4.8	1.58	Extend	Extend 1.5m left & 1m right
CV082B	A49+173	61+086	53+934	NO	3	0.5		12	14	50	3000			173.120	N			173.068	N	300		0.43	Extend	Extend 1m left & 1m right
CV082C	A49+175	61+088	53+936	NO	3	0.5		12	13.5	50	3000			173.141	N			173.082	N	300		0.41	Extend	Extend 1m left & 0.5m right
CV079A	A50+109	62+015	54+863	YES	1	1.2		15	16.5		1200			166.296	N			166.196	N	500		0.67	Extend	Extend 1.5m left
CV079B	A50+066	61+973	54+821	YES	1	1.2		15	16.5	120	1200			165.893	N			165.857	N	500		0.24	Extend	Extend 1.5m left
CV079C	A50+225	62+132	54+980	YES	1	0.15		14.7						165.903	N			165.783	N			0.82	Remove	
CV079D	A50+226	62+133	54+981	YES	1	0.15		14.8						166.760	N			165.937	N			5.56	Remove	
CV078A	A50+680	62+577	55+425	YES	2	1.2		15	16.5		2700			165.786	N			165.702	N	500		0.56	Extend	Extend 1.5m left
CV078B		62+579	55+427	YES	2	1		18	19.5	100	2700			165.786	N			165.702	N	500		0.47	Extend	Extend 1.5m left
CV078C		62+599	55+447	YES	1	1		18	19.5	100	1000			165.786	N			165.702	N	500		0.47	Extend	Extend 1.5m left
CV078D	51+126	63+011	55+859	YES	1	2		20	22		2000			165.79	N			165.70	N	500		0.42	Extend	Extend 2m right
CV077	A51+602	63+489	56+337	NO	1	1		15	26.5		1000			165.55	N			165.23	Y	500	4	2.13	Extend	Extend 11.5m left
CV076	A52+536	64+430	57+278	POTENTIAL	1	1	1	15	11.5		1000			159.361	N			159.335	N	500		0.17	Replace	Replace with new length of 11.5m
CV075A	A52+842	64+712	57+560	NO	1	0.5		12	13		500			160.575	N			160.301	N	300		2.28	Extend	Extend 1m left
CV075B	A52+829	64+707	57+555	NO	4	0.5		12	12.5		2900			160.664	N			160.502	N	300		1.35	Extend	Extend 0.5m left
CV075C	A52+830	64+709	57+557	NO	4	0.5		12	12.5		2900			160.698	N			160.542	N	300		1.30	Extend	Extend 0.5m left
CV075D	A52+831	64+710	57+558	NO	4	0.5		12	13		2900			160.526	N			160.273	N	300		2.11	Extend	Extend 1m left
CV075E	A52+832	64+711	57+559	NO	4	0.5		12	13		2900			160.806	N			160.670	N	300		1.13	Extend	Extend 1m left
CV075F	A52+937	64+812	57+660	NO	1	0.15		11.2						159.873	N			159.334	N			4.81	Abandon	
CV072A	A53+830	65+696	58+544	NO	1	1.2		15			1200			161.710	N			161.280	Y	500	4.8	2.87	Replace	Replace with new length of 17.5m
CV072B	A53+345	65+213	58+061	YES	1	1.2		15			1200			161.690	N			161.450	Y	500	4.8	1.60	Replace	Replace with new length of 17.5m
CV072C	A53+379	65+246	58+094	YES	1	1.2		15			1200			161.140	N			160.600	Y	500	4.8	3.60	Replace	Replace with new length of 17.5m
CV071A	A53+646	65+515	58+363	NO	1	0.15		10.9						165.856	N			165.193	N			6.08	Abandon	
CV071B		65+110	57+958	YES	1		0.5		13.5		500				N				N	300			New	
CV064A	A54+956	66+818	59+666	NO	1	0.15		11.1						175.192	N			175.014	N			1.60	Abandon	
CV064B	A55+222	80+174	53+532	NO	1	0.15		11.1						174.395	N			174.017	N			3.41	Abandon	
CV064C	A55+307	80+258	53+616	NO	1	0.15		13.1						172.376	N			172.001	N			2.86	Abandon	
CV064D		80+355	53+713	NO	1		0.5		14		500				N				N	300			New	
CV064E		81+160	54+518	NO	1		0.5		12.5		500				N				N	300			New	
CV064F	A56+280	81+209	54+567	NO	1	0.5		15.4						168.452	N			168.127	N			2.11	Abandon	
CV064G	A56+997	81+915	55+273	NO	1	0.5		12.3	15.8		500			164.511	N			164.271	N	300		1.95	Extend	Extend 3.5m right
CV064H	A57+773	82+688	56+046	NO	1	0.15	0.5	11.3	13		500			158.890	N			158.549	N	300		3.02	Replace	Abandon and replace with new length of 13m
CV064I	A57+774	82+689	56+047	NO	1	0.15		11.1						158.887	N			158.626	N			3.25	Abandon	
CV064J	A57+995	82+911	56+269	NO	1	0.15		11						159.491	N			159.332	N			1.45	Abandon	
CV060A	A58+114	83+030	56+388	YES	2	1		15	16.5		2500			158.533	N			158.478	N	500		0.37	Extend	Extend 1.5m left
CV060B	A58+114	83+030	56+388	YES	2	1		15	16.5	100	2500			158.669	N			158.739	N	500		0.47	Extend	Extend 1.5m left
CV059A	A59+217	84+128	57+486	POTENTIAL	4	0.5		12	16		2900			160.749	N			160.456	N	300		2.44	Extend	Extend 3m left & 1m right
CV059B	A59+216	84+127	57+485	POTENTIAL	4	0.5		12	16.5	50	2900			160.688	N			160.301	N	300		3.23	Extend	Extend 3.5m left & 1m right
CV059C	A59+217	84+128	57+486	POTENTIAL	4	0.5		12	16.5	50	2900			160.615	N			160.393	N	300		1.85	Extend	Extend 4m left & 0.5m right
CV059D	A59+218	84+129	57+487	POTENTIAL	4	0.5		12	16.5	50	2900			160.763	N			160.485	N	300		2.32	Extend	Extend 4m left & 0.5m right
CV058A	A59+779	84+684	58+042	POTENTIAL	2	0.5		18			2000			161.044	N			160.434	N	300		3.39	No Change	
CV058B	A59+773	84+683	58+041	POTENTIAL	2	1.2		18		120	2000			160.840	N			160.335	Y	500	4.8	2.81	No Change	
CV057A	A59+970	84+878	58+236	POTENTIAL	1	0.5		15	16.5	50	500			161.854	N			161.682	N	300		1.15	Extend	Extend 1.5m left
CV057B	A59+966	84+875	58+233	POTENTIAL	2	0.5		15	16.5	50	1300			161.975	N			161.884	N	300		0.61	Extend	Extend 1.5m left
CV057C	A59+967	84+876	58+234	POTENTIAL	2	0.5		15	16.5	50	1300			162.011	N			161.871	N	300		0.93	Extend	Extend 1.5m left
CV057D	A61+052	85+953	59+311	POTENTIAL	1	0.15		11						165.415	N			165.075	N			3.09	Abandon	
CV057E	A61+929	86+829	60+187	POTENTIAL	1	0.15		11						148.329	N			148.194	N			1.23	Abandon	
BG50A	A62+054	86+955	60+313	YES	1	1.2		18	33.5		1200			142.436	N			141.949	Y	500	4.8	2.71	Extend	Extend 15.5m left
BG50B	A62+081	86+981	60+339	YES	1	1.2		18	32	120	1200			142.365	N			141.757	Y	500	4.8	3.38	Extend	Extend 14m left
CV049A	A62+550	87+409	60+767	YES	2	1.2		15	24.5		2900			147.410	N			147.044	Y	500	4.8	2.44	Extend	Extend 5.5m left & 4m right
CV049B	A62+536	87+422	60+780	YES	2	1.2		15	24.5	120	2900			147.680	N			147.388	Y	500	4.8	1.95	Extend	Extend 4.5m left & 5m right
CV048A	A63+560	88+432	61+790	NO	1	1.2		15	17.5															