

0500-880-01-0005-000675H

ON 5/10/13

Culvert ID	KP Chainage (m)	Hatch Chainage (m)	Distance (km)	Fish Bearing Status (Y/N/P)	Number of Pipes (n)	Existing Diameter (m)	Proposed Diameter (m)	Existing Length (m)	Proposed Length (m)	E (mm)	W (mm)	Culvert C/L At Upstream		U/S INV. ELV. (m)	Rip Rap Required (Y/N)	Culvert C/L At Downstream		D/S INV. ELV. (m)	Rip Rap Required (Y/N)	C (mm)	Rip Rap Apron Length (m)	Slope (%)	Skew Degree	What To Do	Comments
												North	East			North	East								
CV178A		+40	+40	NO	1		0.5	12			500				N				N	300				New	
CV178B		+542	+542	NO	1		0.5	12.5			500				N				N	300				New	
CV178C		+733	+733	NO	1		0.5	13.5			500				N				N	300				New	
CV178D		+848	+848	NO	1		0.5	17.5			500				N				N	300				New	
CV179E		1+655	1+655	NO	1		0.5	17			500				N				N	300				New	
CV174A	A3+429	1+963	1+963	NO	1	0.5		9	18		500			55.682	N			55.397	N	300		3.17		Extend	Extend 9m left
CV174B	A3+877	2+407	2+407	NO	1	0.15		11			500			51.303	N			51.132	N	300		1.55		Abandon	
CV174C	A3+987	2+517	2+517	NO	1	0.15	0.5	10.3	11		500			50.882	N			50.728	N	300		1.50		Replace	Replace with new length of 11m
CV173	A4+184	2+710	2+710	NO	1	0.5		12	15.5		500				N				N	300				Extend	Extend 3.5m left
CV171	A4+582	3+109	3+109	NO	1	0.15	0.5	11	14		500			52.543	N			52.031	N	300		4.65		Replace	Replace with new length of 14m
CV170	A4+984	3+510	3+510	NO	1	1		12			1000			45.630	N			45.038	Y	500	4	4.93		No Change	
CV169	A5+149	3+673	3+673	NO	1	0.5		9	12.5		500			46.834	N			46.541	N	300		3.26		Extend	Extend 3.5m right
CV167	4+198	4+198		NO	1	0.5		15	17.5		500				N				N	300				Extend	Extend 2.5m right
CV166A	A5+770	4+242	4+242	POTENTIAL	2			15	23.5		2000				N				Y	500	4			Extend	
CV166B	4+243	4+243	POTENTIAL	2	0.5			15	22.5	50	2000				N				N	300				Extend	
CV165A	A6+746	5+258	5+258	NO	1	1.2		22.1			1200			43.725	N			42.568	Y	500	4.8	5.24		No Change	
CV164A	A6+999	5+523	5+523	NO	1	0.5		18	19		500			56.994	N			56.135	Y	300	2	4.77		Extend	Extend 1m right
CV164B	A7+249	5+725	5+725	NO	1	0.15		10.8						52.511	N			52.357	N			1.43		Abandon	
CV164C	5+767	5+767		NO	1		0.5		26.5		500				N				N	300				New	
CV162	A7+625	6+135	6+135	NO	1	1		9.5	18		1000			43.897	N			43.569	Y	500	4	3.45		Extend	Extend 8.5m right
CV161	A7+928	6+432	6+432	NO	1	0.5		9.9	23.9		500			40.280	N			39.843	Y	300	2	8.43		Extend	Extend 14m right
CV159	A8+100	6+601	6+601	NO	1	1		12	23.5		1000			25.564	N			25.293	Y	500	4	2.26		Extend	Extend 4.5m left & 7m right
CV158A	A8+345	6+848	6+848	NO	2	0.5		12	16		1300			33.423	N			32.814	Y	300	2	5.08		Extend	Extend 3m left & 1m right
CV158B	A8+347	6+850	6+850	NO	2	0.5		18	19		1300			34.004	N			31.212	Y	300	2	15.51		Extend	Extend 1m right
CV157A	A8+657	7+164	7+164	NO	2	1		12	20.5		2000			37.359	N			37.018	Y	500	4	2.84		Extend	Extend 5.5m left & 3m right
CV157B	A8+662	7+164	7+164	NO	2	0.5		12	20	50	2000			37.357	N			37.315	N	300		0.35		Extend	Extend 5m left & 3m right
CV155A	A8+997	7+521	7+521	NO	1	0.25	0.5	12	14.5		500			37.418	N			36.466	Y	300	2	7.93		Replace	Replace with new length of 14.5m
CV155B	A9+003	7+524	7+524	NO	1	0.15		13.7						37.821	N			37.214	N			4.43		Abandon	
CV155C	A9+003	7+525	7+525	NO	1	0.15		13.7						37.815	N			37.353	N			3.37		Abandon	
CV155D	A9+145	7+679	7+679	NO	1	0.5		12	14		500			33.294	N			32.947	N	300		2.89		Extend	Extend 2m right
CV154A	A9+241	7+782	7+782	NO	2	0.5		15	28		1800			30.500	N			30.154	N	300		2.31		Extend	Extend 9m left & 4m right
CV154B	A9+249	7+783	7+783	NO	2	1		15	26.5	100	1800			30.662	N			30.154	Y	500	4	3.39		Extend	Extend 7m left & 4.5m right
CV153C	8+315	8+315		NO	1		0.5		11		500				N				N	300				New	
CV153A	A9+892	8+375	8+375	NO	1	0.5		12						37.332	N			37.287	N			0.38		Remove	
CV153B	A9+848	8+377	8+377	NO	1	0.5		12						37.510	N			37.224	N			2.38		Remove	
CV153C	A9+849	8+379	8+379	NO	1	0.5		12						37.518	N			37.400	N			0.98		Remove	
CV153D	A9+850	8+381	8+381	NO	1	0.5		12						37.511	N			37.382	N			1.08		Remove	
CV152A	A9+950	8+480	8+480	NO	1	0.5		22						42.678	N			41.147	N			6.96		Remove	
CV152B	A9+939	8+482	8+482	NO	1	0.5		22						42.719	N			41.080	N			7.54		Remove	
CV152C	A9+940	8+485	8+485	NO	1	0.5		22						42.753	N			41.032	N			7.82		Remove	
CV152D	A9+941	8+487	8+487	NO	1	0.5		22						42.844	N			41.183	N			7.55		Remove	
CV152E	A9+943	8+490	8+490	NO	1	0.5		22						42.807	N			41.164	N			7.47		Remove	
CV152F	8+520	8+520		NO	1		1		22		1000				N				Y	500	4			New	
CV151A	A10+127	8+640	8+640	NO	3	0.5		12	13.5		2100			62.772	N			62.251	N	300		4.34		Extend	Extend 1.5m right
CV151B	A10+102	8+642	8+642	NO	3	0.5		12	14	50	2100			62.789	N			62.307	N	300		4.02		Extend	Extend 1m left & 1m right
CV150A	A10+125	8+663	8+663	NO	3	0.5		12	21		2100			63.131	N			62.515	Y	300	2	5.13		Extend	Extend 9m left
CV150B	A10+127	8+665	8+665	NO	1	0.5		12	21		500			63.216	N			62.499	Y	300	2	5.97		Extend	Extend 9m left
CV150C	A10+441	8+975	8+975	NO	1	0.5		12	14		500			61.044	N			60.704	N	300		2.83		Extend	Extend 2m right
CV150D	A10+609	9+140	9+140	NO	1	0.25		12						62.864	N			62.684	N			1.50		Abandon	
CV149	A10+623	9+124	9+124	NO	1	0.25	0.5	12	14.5		500			62.633	N			61.886	Y	300	2	6.14		Replace	Replace with new length of 14.5m
CV148A	A10+846	9+373	9+373	NO	1	0.25		12						66.098	N			65.793	N			2.54		Abandon	
CV148B	A10+847	9+374	9+374	NO	1	0.25		12						66.004	N			65.828	N			1.47		Abandon	
CV148C	9+373	9+373		NO	1		0.5		18		500				N				N	300				New	
CV146A	A11+014	9+544	9+544	NO	1	0.5		12						66.383	N			66.259	N			1.03		Remove	
CV146B	A11+017	9+546	9+546	NO	1	0.5	1	12	18		1000			66.446	N			66.226	Y	500	4	1.83		Replace	Replace with new length of 18m
CV146C	A11+019	9+549	9+549	NO	1	0.5		12						66.487	N			66.059	N			3.57		Remove	
CV146D	A11+018	9+551	9+551	NO	1	0.5		12						66.410	N			66.225	N			1.54		Remove	
CV146E	A11+017	9+553	9+553	NO	1	0.5		12						66.437	N			66.205	N			1.93		Remove	
CV144	A11+856	10+368	10+368	NO	1	0.5		9	11.5		500			83.517	N			83.426	N	300		1.01		Extend	Extend 2.5m left
CV137A	A12+704	11+213	11+213	NO	1	0.25	0.5	12	15.5		500			95.660	N			95.099	Y	300	2	4.67		Replace	Replace with new length of 15.5m
CV137B	A12+848	11+359	11+359	NO	1	0.25	0.5	9	14		500			97.386	N			96.482	Y	300	2	10.04		Replace	Replace with new length of 14m
CV136	A13+093	11+803	11+803	NO	1	0.25	0.5	18	13.5		500			91.811	N			91.227	N	300		3.24		Replace	Replace with new length of 13.5m
CV135	A13+327	11+838	11+838	NO	1	0.25	0.5	12	21.5		500			90.799	N			90.455	N	300		2.87		Replace	Replace with new length of 21.5m
CV134A	A13+674	12+183	12+183	NO	1	0.25	0.5	12	12.5		500			81.258	N			80.464	Y	300	2	6.62		Replace	Replace with new length of 12.5m
CV134B	A13+749	12+258	12+258	NO	1	0.5		12						79.198	N			78.542	N			5.47		Abandon	
CV134C	A13+851	12+360	12+360	NO	1	0.25	0.5	12	11																