

Proposed Design Levels and Widths: Road 'A'

Design Feature	Station	metres	Interval	Design Level C.L.	C. L. Gradient	Road width	Rt side	Rt Level	Design Level C.L.	Lt Level	Lt Side
		m	m		%			m	m	m	
Start of Proposed Road Work	0+000	0.00		20.20		8.00	-2.0%	20.120	20.20	20.120	-2.0%
			100.00		-0.15%						
Existing Culvert	0+100	100.00		20.05		8.00	-2.0%	19.966	20.05	19.966	-2.0%
			20.00		-0.15%						
Proposed Culvert	0+120	120.00		20.02		8.00	-2.0%	19.935	20.02	19.935	-2.0%
			10.00		-0.15%						
	0+130	130.00		20.00		8.00	-2.0%	19.920	20.00	19.920	-2.0%
			10.00		5.00%						
	0+140	140.00		20.50		8.00	-2.0%	20.420	20.50	20.420	-2.0%
			20.00		7.50%						
	0+160	160.00		22.00		8.00	0.0%	22.000	22.00	22.000	0.0%
			10.00		0.80%						
	0+170	170.00		22.08		8.00	0.0%	22.080	22.08	22.080	0.0%
			15.00		0.80%						
Start of widening transition	0+185	185.00		22.20		8.00	0.0%	22.200	22.20	22.200	0.0%
			15.00		-6.67%						
	0+200	200.00		21.20		9.50	-1.0%	21.153	21.20	21.248	1.0%
			5.00		-13.25%						
	0+205	205.00		20.54		10.00	-2.0%	20.438	20.54	20.638	2.0%
			13.00		-13.25%						
End of widening transition	0+218	218.00		18.82		12.00	-2.5%	18.665	18.82	18.965	2.5%
			22.00		-13.25%						
	0+240	240.00		15.90		12.00	-2.5%	15.750	15.90	16.050	2.5%
			30.00		-13.67%						
	0+270	270.00		11.80		12.00	-2.5%	11.650	11.80	11.950	2.5%
			20.00		-13.67%						
	0+290	290.00		9.07		12.00	-2.5%	8.917	9.07	9.217	2.5%
			10.00		-12.67%						
	0+300	300.00		8.00		12.00	-2.0%	6.880	7.00	6.940	-1.0%
			14.00		-5.00%						
Start of narrowing transition	0+315	314.00		7.30		12.00	-2.0%	7.180	7.30	7.300	0.0%
			6.00		-5.00%						
	0+320	320.00		7.00		11.00	-2.0%	6.890	7.00	6.945	-1.0%
			13.00		-1.67%						
	0+334	333.00		6.78		10.00	-2.0%	6.683	6.78	6.683	-2.0%
			17.00		-1.67%						
End of Transition and Ramp	0+350	350.00		6.50		8.00	-2.0%	6.420	6.50	6.420	-2.0%

Road 'A' Curve Data

Parameter	Curve 1	Curve 2
Centre Point of Radius:		
Easting	522067	521919
Northing	7067912	7067844.5
On Road Centreline:		
Length (m)	12.2	96.1
Radius (m)	40.3	59.3
Start - Station (m)	0+060.3	0+218
End - Station (m)	0+072.5	0+314

Setting out Points (UTM83 ZONE 19)

	Easting	Northing		Easting	Northing
S01	521886.94	7067943.91	S09	521982.94	7067839.75
S02	521878.71	7067939.65	S10	522081.75	7067983.06
S03	521872.56	7067930.72	S11	522037.75	7067939.91
S04	521893.47	7067892.54	S12	522030.83	7067929.84
S05	521905.35	7067879.11	S13	522018.53	7067906.68
S06	521923.87	7067856.64	S14	521961.42	7067803.44
S07	521945.70	7067840.81	S15	521875.63	7067803.64
S08	521959.45	7067846.07	S16	521851.93	7067830.76