



VERTICAL CURVES	Grades	LEFT EDGE (4.2m)	DESIGN CENTRE LINE LEVELS	RIGHT EDGE (4.2m)	GROUND LEVELS AT GRADE LINE	CHAINAGE (m)	HORIZONTAL ALIGNMENT	SUPER ELEVATION	GUARDRAILS	SIDE DRAINS	CULVERTS
-0.00%	VCL=40 m K=30.6	343.771	343.921	343.771	343.921	33000	STRAIGHT L=220.00m L=50.80m 33012m 33038m				
-1.00%	VCL=50 m K=26.1	342.984	342.954	342.984	342.954	33050	STRAIGHT L=75.07m 31° 17' 50"				
0.02%	VCL=30 m K=53.0	341.617	341.630	341.617	341.630	33100	STRAIGHT L=118.80m				
-0.50%	VCL=20 m K=78.9	340.597	340.518	340.597	340.518	33150	STRAIGHT L=135.00m L=25.80m				
0.52%	VCL=20 m K=78.9	340.597	340.518	340.597	340.518	33200	STRAIGHT L=104.25m 30° 50' 50"				
1.07%	VCL=26 m K=118.8	340.527	340.527	340.527	340.527	33250	STRAIGHT L=123.00m 26° 47' 13"				
-1.17%	VCL=30 m K=36.4	339.588	339.588	339.588	339.588	33300	STRAIGHT L=243.95m 26° 36' 00"				
-1.00%	VCL=267 m K=87.8	338.229	338.229	338.229	338.229	33350	STRAIGHT L=107.062m 26° 42' 46"				

Rev Date By Description

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SEN. MAN. ROADS & MAINTENANCE  
MAN. PLANNING & DESIGN  
CLIENT

SERVICE: **ROADS**  
PROJECT: **SHANGONI ROAD PH 1**

TITLE: **ROADS - LONGSECTION: CH-33+000 TO CH-34+000**

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