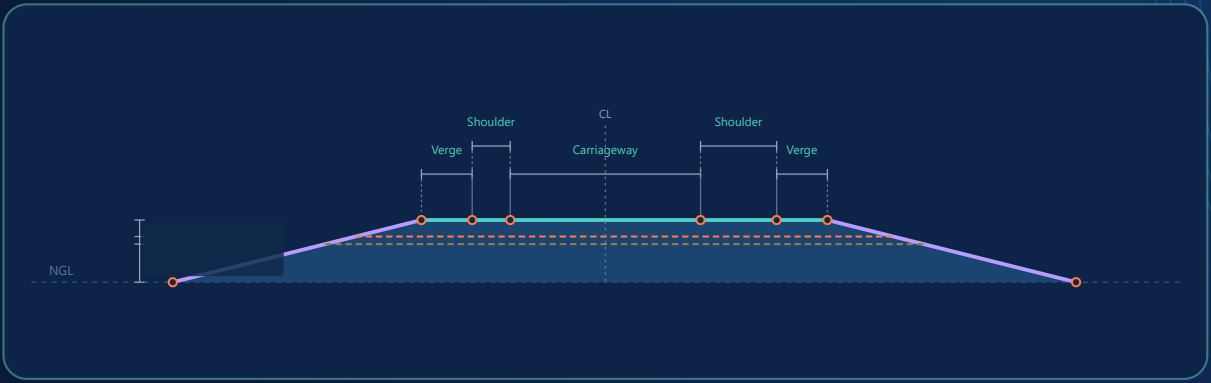
Road Cost Estimate

Pavement, earthwork, drainage and road furniture quantities priced at your own rates.



Sample Project

Client: Urban City

PREPARED & SUBMITTED BY

SP Consultant

in Joint Venture with USF Consultants

info@spconsultant.example

shahidpervaiz.net

ISSUE

November 2026

Road Cost Estimate

Quantity and cost report · Generated 11/5/2026 3:18:10 PM

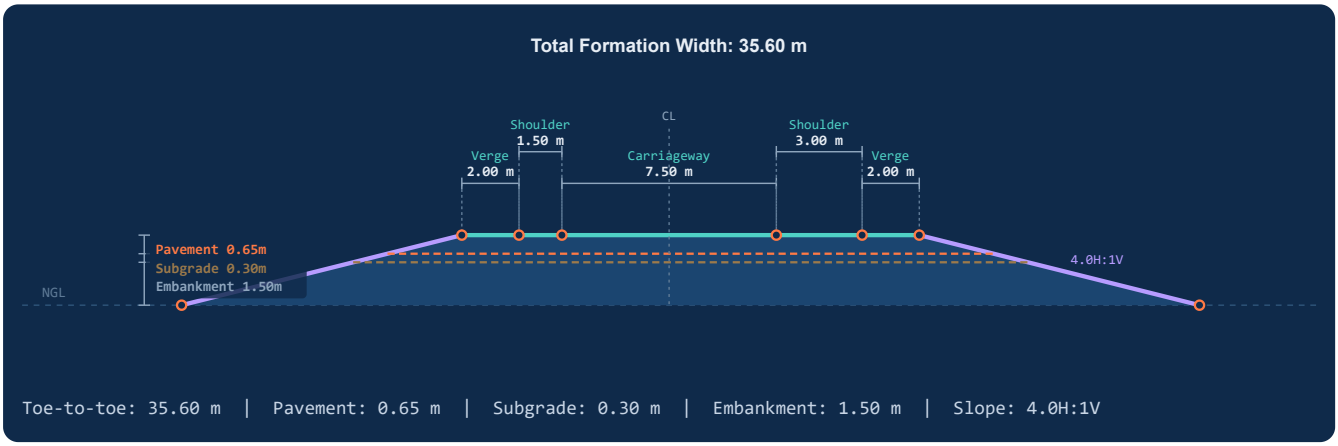
Project

Project	Sample Project
Prepared by	SP Consultant
Date	11/5/2026

Input Data

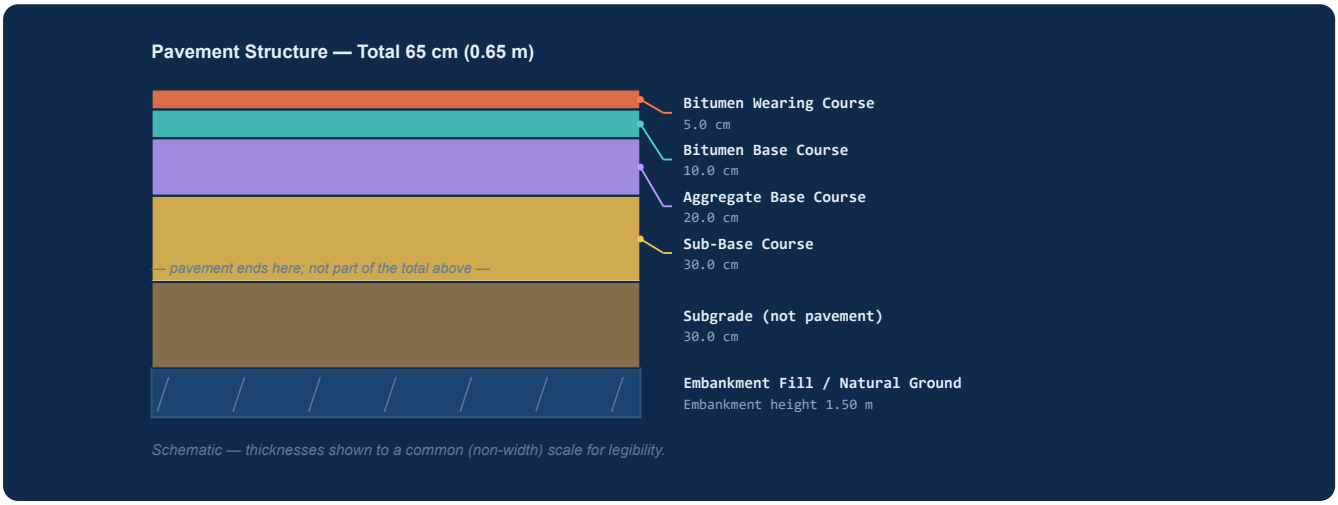
Project Name	Sample Project
Road Type	Single Carriageway
Currency	OMR
Verge	2 m
Shoulder (L)	1.5 m
Shoulder (R)	3 m
Carriageway	7.5 m
Length	1 km
Subgrade Thk.	0.3 m
Embankment	1.5 m
Fill Slope (H:1V)	4 ratio
Wearing Course	5 cm
Base Course	10 cm
Aggregate Base	20 cm
Sub-Base	30 cm

Road Cross Section



Sample report: illustrative data, not for design use

Pavement Structure



Quantity & Cost Summary

Description	Unit	Qty	Rate (OMR)	Cost (OMR)
Bitumen Wearing Course	cu.m	602.50	52.00	31,330
Bitumen Base Course	cu.m	1,220.00	42.00	51,240
Aggregate Base Course	cu.m	2,500.00	7.00	17,500
Sub-Base Course	cu.m	3,900.00	5.40	21,060
Subgrade Preparation / Improvement	cu.m	4,080.00	6.00	24,480
Earthwork – Embankment Fill (both sides, incl. verge & slopes)	cu.m	35,850.00	3.00	107,550
Guard Rail	LM	1,000.00	24.00	24,000
Guardrail Terminals (both ends)	no.	4.00	550.00	2,200
Pavement Marking W (120mm)	sq.m	60.00	2.85	171
Pavement Marking Y (150mm)	sq.m	300.00	2.85	855
Pavement Special	sq.m	100.00	6.00	600
Reflective Road Studs (DF) @ 15m	no.	200.00	4.50	900
LED Road Studs @ 15m	no.	0.00	25.00	0
Road Signs	no.	10.00	40.00	400
Highway Sign Rectangular	no.	5.00	70.00	350
Overhead Gantry Sign	no.	0.00	13,500.00	0
Storm Water Pipe HDPE 300mm	LM	0.00	23.00	0
Storm Water Pipe HDPE 500mm	LM	0.00	38.00	0
Storm Water Pipe HDPE 600mm	LM	0.00	102.00	0
Concrete Pavement (special areas)	cu.m	0.00	38.00	0
Street Lighting 14m Pole	no.	0.00	300.00	0
Street Lighting 25m Pole	no.	0.00	600.00	0
Mortar Stone Riprap Type A	cu.m	0.00	25.00	0
Pavers 60mm	sq.m	0.00	5.50	0
Pavers 80mm	sq.m	0.00	7.00	0
MSE Wall	sq.m	0.00	50.00	0

Sample report: illustrative data, not for design use

Description	Unit	Qty	Rate (OMR)	Cost (OMR)
MSE Wall Coping	LM	0.00	20.00	0
MSE Wall Barrier	LM	0.00	70.00	0
Concrete Curbs (all types)	LM	0.00	7.50	0
Concrete Barrier Single Face	LM	0.00	70.00	0
Impact Attenuator	no.	0.00	10,000.00	0
Removable Bollards	no.	0.00	25.00	0
ROW Markers	no.	40.00	10.00	400
60cm dia Pipe Culvert	LM	30.00	115.00	3,450
100cm dia Pipe Culvert	LM	0.00	150.00	0
Curb Inlet (600x600)	no.	0.00	110.00	0
DI Grating (1000x1000)	no.	0.00	300.00	0
100mm dia uPVC Drainage Pipe	no.	0.00	5.00	0
200mm dia uPVC Drainage Pipe	no.	0.00	5.00	0
Culverts	LS	–	–	0
Bridges	LS	–	–	0
Misc. Items 1	LS	–	–	0
Misc. Items 2	LS	–	–	0
Subtotal				**286,486**
Preliminaries (14%)				**40,108**
GRAND TOTAL				**326,594 OMR**

Generated with the Road Cost Estimate — https://shahidpervaiz.net/EngineeringDesignTools/road_cost_estimator. Quantities and costs are estimates from the entered data and rates; check them before use.

Sample report: illustrative data, not for design use