MED-3/94/Ledge ROUNDABOUT

PRELIMINARY CONSTRUCTION ESTIMATE - 2025 (From ADR MED-71/271 Planning Study)

PRELIMINARY COST ESTIMATE FOR ROUNDABOUT

Item	Total
Estimated Total, excluding R/W [1]	$4,000,000
Estimated R/W	$17,000
Grand Total (2024 dollars)	**$4,017,000**

[1] The cost was influenced by historical data, including roundabout analyses in two planning studies (HOL-62-24.75 and CLA-US 68-4.174) that had single-lane roundabout costs of $2 million and $2.5 million, respectively.

R/W ESTIMATED COST DETERMINATION

Partial Takes	
2728 Ridge Rd	
1600 Ledge Rd	
Empty lot	
Sum of area taken (acres) [2]	0.32
Estimated cost per acre [3]	$53,224
Estimated Total R/W Costs	**$17,000**

[2] Area is determined via MicroStation and using the estimated R/W limits seen in the exhibits.

[3] The unit land cost in the improvement area is based on Medina County Auditor records and adjusted for the assumed highest and best use cost of the land and then multiplying by a factor of 2 for cost estimation purposes.

SUBTOTAL	$	2,000,000

Additional Costs		Cost	Phase (First Authorized/Encumbered)	Review
1 Right of Way Acquisition/Labor		$ 75,000.00	ROW/Utilities	ROW Manager
2 Utility Relocation (Aerial or Underground/Water/Sanitary/Gas)		$ 100,000.00	ROW/Utilities	Util. Coord.
3 Subsurface Utility Exploration (SUE)		$ 75,000.00	PE - Environmental	Util. Coord.
4 Environmental		$ 10,000.00	PE - Environmental	Enviro. Coord.
5 Survey (if required and not included with design)		$ 85,000.00	Included with Design Cost (PE-Env)	Survey Man.
6 Right of Way Design		$ 105,000.00	Included with Design Cost (PE-Env)	ROW Manager
Contingency (On CO)	0.35			
Inflation (On Entire Project))	0.25		FY2031	
Base Design (% of ROW+CO)	0.25	$ 543,750.00		
			Rounded	
PE-ENV Phase (85% Base Design + SUE + Enviro +Inflation)		$ 683,984.38	$ 650,000	*Max out at $750k between PE-ENV & PE-DD
PE-DD Phase (15% Base Design+Inflation)		$ 101,953.13	$ 100,000	
ROW Phase (ROW + Inflation)		$ 193,750.00	$ 200,000	
CO Phase (CO + Contingency + Inflation)		$ 3,375,000.00	$ 3,400,000	
Total Request:		$ 4,354,688	$ 4,350,000	