

Preliminary Construction Estimate

WAR-22/Clarksville Roundabout

#	Category	Item	Quantity	Unit	Unit Cost	Total Cost
1	Roadway Pavement	9" Concrete Pavement	388	Sq. Yds.	\$135.00	\$52,380
		Asphalt Surface	293	Cu. Yds.	\$315.00	\$92,295
		Asphalt Intermediate	295	Cu. Yds.	\$290.00	\$85,550
		Asphalt Base	1023	Cu. Yds.	\$189.00	\$193,347
		Aggregate Base	1177	Cu. Yds.	\$74.60	\$87,804
2		Pavement Planing	2243	Sq. Yds.	\$6.50	\$14,580
		Pavement Removed	2905	Sq. Yds.	\$8.80	\$25,564
3	Earthwork	Excavation	1591	Cu. Yds.	\$30.00	\$47,730
4		Embankment	4071	Cu. Yds.	\$14.50	\$59,030
5	Curb		1385	Ft.	\$23.90	\$33,102
6	Curb and Gutter		1600	Ft.	\$33.00	\$52,800
7	Concrete Median			Sq. Yds.	\$107.00	\$0
SUBTOTAL						\$744,181
8	Erosion Control		See Quantities Sheet			\$64,677
9	Drainage		See Quantities Sheet			\$204,382
10	Traffic Control		See Quantities Sheet			\$36,155
11	Maintenance of Traffic		≈ 4% Construction Cost			\$52,976
12	Lighting		\$155,000/RAB			\$155,000
13	Incidentals		See Quantities Sheet			\$120,000
SUBTOTAL						\$633,190
TOTAL ROADWAY COSTS						\$1,377,370
14	Contingency		% of Items 1-13	25.0%		\$344,000
15	Inflation (Assuming 1 year)			6.0%		\$103,282
TOTAL CONSTRUCTION COST				\$1,824,653		

Date: January 31, 2025