

# 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
		Pavement Planing	2243	Sq. Yds.	\$6.50	\$14,580
2		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
		<b>TOTAL ROADWAY COSTS</b>				\$1,377,370
14	Contingency		% of Items 1-13	25.0%		\$344,000
15	Inflation (Assuming 1 year)			6.0%		\$103,282
		<b>TOTAL CONSTRUCTION COST</b>				<b>\$1,824,653</b>

Date: January 31, 2025