

Preliminary Construction Simple Estimate

Woodman & Springfield At Grade Intersection

		Measurement	Quantity	Unit Cost	Total Cost	
1	Roadway Pavement	Asphalt Surface	Cu. Yds.	1,100	\$250.00	\$275,000
		Asphalt Intermediate	Cu. Yds.	1,100	\$200.00	\$220,000
		Asphalt Base	Cu. Yds.	5,800	\$170.00	\$986,000
		Aggregate Base	Cu. Yds.	4,400	\$80.00	\$352,000
2		Concrete Full Depth	Sq. Yds.	0	\$90.00	\$0
3		Planning & Resurfacing	Sq. Yds.	0	\$15.00	\$0
4	Earthwork	Excavation	Cu. Yds.	60,000	\$20.00	\$1,200,000
5		Embankment	Cu. Yds.	30,000	\$15.00	\$450,000
6	Curb		Ft.	0	\$15.00	\$0
7	Curb & Gutter		Ft.	5,700	\$40.00	\$228,000
8	Walk		Sq. Ft.	28,200	\$30.00	\$846,000
9	Concrete Barrier / Median Barrier		Ft.	0	\$100.00	\$0
10	Retaining Wall (Height < 4')		Sq. Ft.	0	\$75.00	\$0
11	Concrete Median		Sq. Yds.	0	\$90.00	\$0
SUBTOTAL						\$4,557,000
12	Erosion Control		% of Items 1-11	5.0%		\$227,850
13	Drainage		% of Items 1-11	20.0%		\$911,400
14	Traffic Control		% of Items 1-11	5.0%		\$227,850
15	Signals		Each	1	\$500,000.00	\$500,000
16	Maintenance of Traffic		% of Items 1-11	10.0%		\$455,700
17	Lighting		% of Items 1-11	15.0%		\$683,550
18	Incidentals		% of Items 1-11	5.0%		\$227,850
19	Utilities		% of Items 1-11	5.0%		\$227,850
20	Misc.		% of Items 1-11	5.0%		\$227,850
SUBTOTAL						\$3,462,050
21	Bridge Removal		Sq. Ft.	12,300	\$32.50	\$400,000
22	Approach Slab		Sq. Yds.	0	\$150.00	\$0
23	New Bridge	One Level	Sq. Ft.	0	\$190.00	\$0
24		Two Level	Sq. Ft.	0	\$220.00	\$0
25	Retaining Wall (Height > 4')		Sq. Ft.	0	\$150.00	\$0
26	Structure Incidentals		Lump Sum	0		\$0
SUBTOTAL						\$400,000
TOTAL ITEMS 1-26						\$8,419,050
27	Contingency		% of Items 1-26	15.0%		\$1,263,000
TOTAL CONSTRUCTION COSTS BEFORE INFLATION						\$9,682,050
28	Inflation for Year:	2028	From ODOT's FY 2024-2028 Business Plan Inflation Calculator V2023-07	23.7%		\$2,327,000
TOTAL CONSTRUCTION COST						\$12,009,050
29	Engineering		% of Total Construction Cost	15.0%		\$1,800,000
30	Right of Way		% of Total Construction Cost	15.0%		\$800,000
31	Construction Engineering and Inspection		% of Total Construction Cost	8.0%		\$960,000
TOTAL PROJECT COST						\$15,569,050