

1-094(231)152 PRELIMINARY COST ESTIMATE (March 6, 2024)
ALTERNATIVE #1 SPUI WITH RAB

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL COST (ROUNDED)
1	PAVEMENT REMOVAL	SY	42260	\$15.00	\$633,900.00
2	PAVEMENT				
	BITUMINOUS PAVEMENT	Tons	1150	\$180.00	\$207,000.00
	Concrete Pavement	SY	38850	\$100.00	\$3,885,000.00
	Bituminous Walk	Tons	760	\$180.00	\$136,800.00
	Bituminous Shoulder	Tons	1170	\$180.00	\$210,600.00
	Concrete Median Pavement	SY	7840	\$150.00	\$1,176,000.00
	Concrete Curb and Gutter	LF	13770	\$50.00	\$688,500.00
	Base Aggregate	CY	22300	\$92.00	\$2,051,600.00
3	EARTHWORK				
	Common Excavation - Subcut	YD ³	49500	\$25.00	\$1,237,500.00
	Common Excavation	YD ³	54100	\$10.00	\$541,000.00
	Subgrade Preparation	L.S.	0.83	\$150,000.00	\$124,500.00
Subtotal Roadway Costs (Items 1-3)					\$10,892,400.00
4	DRAINAGE	L.S.	5 % of Items 1-3	N/A	\$544,700.00
5	EROSION CONTROL	L.S.	3 % of Items 1-3	N/A	\$326,800.00
6	TRAFFIC CONTROL	L.S.	35 % of Items 1-3	N/A	\$3,812,400.00
7	LIGHTING	L.S.	10 % of Items 1-3	N/A	\$1,089,300.00
8	SIGNING/MARKINGS	L.S.	3 % of Items 1-3	N/A	\$326,800.00
9	OVERHEAD SIGN STRUCTURES	EACH	7	\$150,000	\$1,050,000.00
10	TRAFFIC SIGNALS	EACH	2	\$300,000	\$600,000.00
11	MOBILIZATION	L.S.	10 % of Items 1-10 & 13-15		\$3,464,800.00
12	ROADWAY INCIDENTALS	L.S.	30 % of Items 1-3		\$3,267,800.00
TOTAL ROADWAY COSTS (Items 1-12)					\$14,482,600.00
13	STRUCTURES				
	Bridge	L.S.	1	\$13,950,000.00	\$13,950,000.00
Bridge Subtotal					\$13,950,000.00
14	Box Culverts				
Box Culvert Subtotal					\$0.00
Box Culvert Subtotal					\$0.00
15	Retaining Walls	L.S.	2	\$300,000.00	\$600,000.00
Retaining Wall Subtotal					\$600,000.00
	Structural Incidentals	L.S.	10 % of Structures		\$1,455,000.00
TOTAL STRUCTURE COSTS (Item 13-15)					\$16,005,000.00
Subtotal Construction Costs (Items 1-15)					\$41,380,000.00
16	CONSTRUCTION DELIVERY	L.S.	10 % of Items 1-15	N/A	\$4,138,000.00
17	UTILITY RELOCATIONS	L.S.	5 % of Items 1-15	N/A	\$2,069,000.00
18	ROW ACQUISITION	Acres	0.16	\$350,000.00	\$56,000.00
19	COMMUNITY SENSITIVE DESIGN	L.S.	1.5% of Items 1-18	N/A	\$714,645.00
TOTAL CONSTRUCTION COSTS (Items 1-19)					\$48,357,645.00
20	CONTINGENCY	L.S.	10 % of Items 1-19	N/A	\$4,835,764.50
GRAND TOTAL PROJECT COST					\$53,193,409.50