

**City of Hughson
Santa Fe Ave Resurfacing - PHASE II
Engineer's Estimate**

Project Description: PHASE II

Scenario of widening the roadway to a minimum 28 feet. Grinding/milling the entire existing roadway 0.15' deep and applying a overlay of Asphalt Concrete, type A (1/4" design mix) at a min. depth of 0.30. Project limits are from north stop bar at Whitmore Avenue to City Limits (approx. 0.53 miles

PRELIMINARY ESTIMATED CONSTRUCTION COST						
Item #	F	Contract Item	Quantity	Unit	Unit Cost	Cost
1		Mobilization	1	LS	\$20,000.00	\$20,000.00
2		Traffic Control Plan	1	LS	\$20,000.00	\$20,000.00
3		Sawcutting	3,900	LF	\$2.50	\$9,750.00
4		Shoulder Excavation	1	LS	\$5,000.00	\$5,000.00
5		Grinding/Milling (0.15')	8,500	SY	\$2.00	\$17,000.00
6		Asphalt Concrete Pavement (Type "A" - 0.30')	1,721	TON	\$105.00	\$180,705.00
7		Asphalt Concrete (Shoulder - 0.50' thick)	292	TON	\$105.00	\$30,660.00
8		Shoulder Backing - 2' wide	210	TON	\$140.00	\$29,400.00
9		SWPPP	1	LS	\$1,500.00	\$1,500.00
10		Thermoplastic Striping Detail 22	2,779	LF	\$0.50	\$1,389.50
11		Thermoplastic Striping Detail 27B	5,653	LF	\$0.50	\$2,826.50
12		Thermoplastic Striping Detail 27C	283	LF	\$0.50	\$141.50
13		Thermoplastic Markings, Limit Lines, Legends	95	SF	\$7.50	\$712.50
14		Adjust Utility Box	1	EA	\$350.00	\$350.00
15		Adjust Monument Wells	1	EA	\$750.00	\$750.00
		Total Estimate Construction Cost			Sub-Total =	\$320,185.00
		Contingency (5% of Sub-Total)				\$16,009.25
		Geotechnical Borings and Final Report				\$5,000.00
					TOTAL =	\$341,194

Date 5-Dec-19