

HUDSON BOULEVARD

CONCEPTUAL COST ESTIMATE
August 16, 2019



7 Perimeter Road, Manchester, NH 03103
Tel: 603.263.9296

DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
COMMON EXCAVATION	CY	168,500	\$28	\$4,633,750
ROCK EXCAVATION	CY	8,500	\$55	\$467,500
EMBANKMENT-IN-PLACE	CY	37,300	\$17	\$615,450
SAND	CY	41,600	\$28	\$1,144,000
CRUSHED STONE (FINE GRADATION)	CY	41,600	\$39	\$1,601,600
CRUSHED STONE (COARSE GRADATION)	CY	41,600	\$39	\$1,601,600
HOT BITUMINOUS PAVEMENT, MACHINE METHOD	T	46,300	\$99	\$4,583,700
MAJOR ITEM SUB-TOTAL COST				\$14,647,600
DRAINAGE ITEMS*			30.00%	\$4,394,280
TRAFFIC CONTROL*			10.00%	\$1,464,760
OTHER ITEMS AND CONTINGENCIES*			50.00%	\$7,323,800
HIGHWAY SUB-TOTAL COST				\$27,830,440
TRAFFIC SIGNALS	U	5	\$ 192,500	\$962,500
BRIDGES				
ROAD CROSSING LOC. 1 - 65' SPAN	LS	1	\$ 687,500	\$687,500
WETLAND CROSSING LOC. 1 - 40' SPAN	LS	1	\$ 423,500	\$423,500
WETLAND CROSSING LOC. 2 - 40' SPAN	LS	1	\$ 423,500	\$423,500
WETLAND CROSSING LOC. 3 - 20' SPAN	LS	1	\$ 214,500	\$214,500
WETLAND CROSSING LOC. 4 - 50' SPAN	LS	1	\$ 528,000	\$528,000
WETLAND CROSSING LOC. 6 - 500' SPAN	LS	1	\$ 5,280,000	\$5,280,000
SPUI - 180' SPAN	LS	1	\$ 1,903,000	\$1,903,000
BRIDGE AND HIGHWAY SUB-TOTAL COST				\$38,252,940
MOBILIZATION			7.00%	\$2,677,706
CONSTRUCTION SUB-TOTAL COST				\$40,930,646
CONSTRUCTION ENGINEERING			7.00%	\$2,865,145
TOTAL CONSTRUCTION COST				\$43,795,791
USE				\$43,800,000
DESIGN ENGINEERING			11%	\$4,818,000
MITIGATION			2%	\$876,000
TOTAL PROJECT COST				\$49,494,000
USE				\$49,500,000

*Based on percentages calculated from representative projects bid results