

BID ANALYSIS
CR412 (AIRPORT ROAD) CULVERT OVER HANNACROIS CREEK (SITE 1) CULVERT REPLACEMENT PROJECT
TOWN OF WESTERLO

7/24/2023

		Engineer's Estimate	Carver	Prime Highway	Maloy
ITEM NO.	DESCRIPTION	AMOUNT	AMOUNT	AMOUNT	AMOUNT
201.06	CLEARING AND GRUBBING	\$ 40,000	\$ 9,500	\$ 20,000	\$ 39,000
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	\$ 9,408	\$ 8,820	\$ 8,820	\$ 10,290
203.03	EMBANKMENT IN PLACE	\$ 11,160	\$ 15,500	\$ 12,400	\$ 18,600
203.21	SELECT STRUCTURAL FILL	\$ 8,640	\$ 9,180	\$ 7,560	\$ 10,260
206.01	STRUCTURE EXCAVATION	\$ 35,240	\$ 22,906	\$ 20,263	\$ 30,835
206.0201	TRENCH AND CULVERT EXCAVATION	\$ 13,820	\$ 17,966	\$ 22,112	\$ 6,910
209.100101	MULCH -TEMPORARY	\$ 4,000	\$ 3,200	\$ 1,200	\$ 1,600
209.13	SILT FENCE-TEMPORARY	\$ 3,300	\$ 2,400	\$ 1,200	\$ 1,800
209.22	CONSTRUCTION ENTRANCE	\$ 1,680	\$ 2,940	\$ 1,008	\$ 5,040
209.2302	SEDIMENT FILTER LOG-TEMPORARY,18"-20"	\$ 17,864	\$ 9,570	\$ 10,208	\$ 7,656
209.31000010	PORTABLE SEDIMENT TANK	\$ 2,000	\$ 1,000	\$ 5,000	\$ 1,500
304.11	SUBBASE COURSE,TYPE 1	\$ 22,610	\$ 29,716	\$ 25,840	\$ 27,455
404.097301	9.5 F3 TOP COURSE WMA, 70 SERIES COMPACTION	\$ 17,500	\$ 20,000	\$ 12,500	\$ 1,800
404.197901	19 F9 BINDER COURSE WMA, 70 SERIES COMPACTION	\$ 19,723	\$ 25,265	\$ 17,930	\$ 27,710
404.377901	37.5 F9 BASE COURSE WMA, 70 SERIES COMPACTION	\$ 28,210	\$ 27,300	\$ 19,110	\$ 30,030
407.0102	DILUTED TACK COAT	\$ 8,100	\$ 2,700	\$ 1,620	\$ 4,320
490.30	MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE	\$ 1,408	\$ 1,628	\$ 1,056	\$ 12,320
553.030010	TEMPORARY WATERWAY DIVERSION STRUCTURE	\$ 10,000	\$ 2,500	\$ 22,000	\$ 18,000
555.0105	CONCRETE FOR STRUCTURES, CLASS A	\$ 60,000	\$ 78,000	\$ 33,000	\$ 72,000
556.0202	EPOXY-COATED BAR REINFORCEMENT FOR STRUCTURES	\$ 9,000	\$ 12,000	\$ 9,000	\$ 9,000
557.22	STRUCTURAL APPROACH SLAB WITH SEPARATE WEARING SURFACE	\$ 24,000	\$ 21,000	\$ 8,000	\$ 20,000
568.51	STEEL BRIDGE RAILING (FOUR RAIL)	\$ 12,199	\$ 18,000	\$ 15,800	\$ 16,000
568.70	TRANSITION BRIDGE RAILING	\$ 28,560	\$ 27,200	\$ 25,840	\$ 24,480
595.50000018	SHEET-APPLIED WATERPROOFING MEMBRANE	\$ 6,040	\$ 4,530	\$ 3,020	\$ 2,416
603.63180615	PRECAST CONCRETE BOX CULVERT, 18 FOOT SPAN, 6 FOOT RISE	\$ 153,000	\$ 156,400	\$ 257,210	\$ 190,400
606.10	BOX BEAM GUIDE RAILING	\$ 3,780	\$ 3,240	\$ 3,024	\$ 3,024
606.120101	BOX BEAM END PIECE	\$ 1,500	\$ 1,700	\$ 1,480	\$ 1,500
606.120201	BOX BEAM GUIDE RAILING END ASSEMBLY TYPE IIA	\$ 4,600	\$ 4,500	\$ 3,970	\$ 4,200
608.020102	HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS BICYCLE PATHS & VEG CONTROL STRIPS	\$ 1,000	\$ 1,250	\$ 1,480	\$ 7,000
610.1402	TOPSOIL - ROADSIDE	\$ 5,328	\$ 12,950	\$ 5,032	\$ 7,030
610.1601	TURF ESTABLISHMENT - ROADSIDE	\$ 7,282	\$ 3,310	\$ 1,324	\$ 1,324
619.01	BASIC WORK ZONE TRAFFIC CONTROL	\$ 25,000	\$ 30,868	\$ 52,000	\$ 11,332
619.02970101	CONSTRUCTION SIGNS (EACH)	\$ 2,040	\$ 4,080	\$ 600	\$ 3,600
619.04	TYPE III CONSTRUCTION BARRICADE	\$ 700	\$ 800	\$ 228	\$ 1,000
619.1711	TEMPORARY POSITIVE BARRIER - CATEGORY 1 (PINNING PROHIBITED)	\$ 9,000	\$ 4,500	\$ 1,560	\$ 3,900
620.04	STONE FILLING (MEDIUM)	\$ 14,190	\$ 18,705	\$ 16,125	\$ 13,545
620.0801	BEDDING MATERIAL, TYPE 1	\$ 5,280	\$ 5,280	\$ 4,944	\$ 5,760
621.05020004	PREPARING GRADE FOR VEGETATION CONTROL STRIP	\$ 1,360	\$ 1,292	\$ 1,088	\$ 680
623.11	CRUSHED GRAVEL (IN-PLACE MEASURE)	\$ 6,480	\$ 7,200	\$ 5,472	\$ 9,000

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ITEM NO.	DESCRIPTION	AMOUNT	AMOUNT	AMOUNT	AMOUNT
625.01	SURVEY OPERATIONS	\$ 25,000	\$ 7,500	\$ 20,000	\$ 14,000
627.50140008	CUTTING PAVEMENT	\$ 684	\$ 266	\$ 228	\$ 456
637.03	CONCRETE CYLINDER CURING BOX	\$ 500	\$ 1,250	\$ 1,500	\$ 300
637.11	ENGINEER'S FIELD OFFICE - TYPE 1	\$ 10,000	\$ 17,500	\$ 4,000	\$ 20,000
AC637.40	ASPHALT CONCRETE TESTING SERVICES	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
640.20	WHITE PAINT REFLECTORIZED PAVEMENT STRIPES - 20 MILS	\$ 628	\$ 942	\$ 1,884	\$ 1,130
640.21	YELLOW PAINT REFLECTORIZED PAVEMENT STRIPES - 20 MILS	\$ 628	\$ 785	\$ 1,884	\$ 1,130
646.22	DELINEATOR, SNOWPLOWING MARKER, SNOWPLOWING MARKER PANELS	\$ 180	\$ 138	\$ 150	\$ 126
646.31	STEEL POST, 1.1 LB/FT	\$ 240	\$ 368	\$ 320	\$ 340
659.1002001	TELEPHONE/DATA SERVICES UTILITY COMPANY WORK	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
661.7001001	ELECTRICAL UTILITY COMPANY WORK	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
697.03	FIELD CHANGE PAYMENT	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
	TOTAL	\$ 739,862	\$ 724,645	\$ 756,990	\$ 766,800