



Job Title	Hwy. 22 - Gun Club Rd. (F)	Design Section	SWP
Job No.	040901	FAP No.	NHPP-1765(9) & 9030
Letting	Wednesday, October 9, 2024		

Analysis of Bids

Contract awarded to Manhattan Road & Bridge Co.

New Bridge Area (Square Foot) =	617,080.71	
Existing Bridge Area (Square Foot) =	-	
Bridge Percent of Project Cost =	63%	
Out-to-Out Cost per Square Foot = \$	287.57	
Net Cost per Square Foot = \$	287.57	<i>Less Removal of Existing Bridge</i>
FHWA Cost per Square Foot = \$	286.20	<i>Items Deducted from FHWA Cost</i>
FHWA Cost = \$	176,609,514.80	<i>- CONCRETE RIPRAP</i>
Existing Bridge Removal Cost per Square Foot = \$	-	

Contractor Information

Contractor	Name	Total Amount Bid for Job		Bridge Cost
1	Manhattan Road & Bridge Co.	\$	282,499,739.00	\$ 177,452,714.80
2	Massaman Construction Co.	\$	301,715,459.00	\$ 200,195,787.28
3				\$ -
4				

Contract awarded to Contractor 1

Bid Pay Items

Quantity	Unit	Item	Contractor 1	Contractor 2	Contractor 3	Contractor 4	Average	Deduct
4,065.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	\$ 30.00	\$ 35.00			\$ 32.50	
12,098.40	CUYD	CLASS S CONCRETE-BRIDGE	\$ 1,390.00	\$ 1,650.00			\$ 1,520.00	
23,944.00	CUYD	CLASS S(AE) CONCRETE-BRIDGE	\$ 1,100.00	\$ 1,950.00			\$ 1,525.00	
6,459.00	CUYD	ABUTMENT STONE	\$ 175.00	\$ 100.00			\$ 137.50	
3,615.00	CUYD	REVTMENT STONE (GRADATION A)	\$ 174.00	\$ 120.00			\$ 147.00	
56,280.30	LF	PRESTRESS CONC GIRDERS (TY BT-72)	\$ 480.00	\$ 430.00			\$ 455.00	
77,508.40	SQYD	CLASS 2 PROTECT.SURF.TREATMENT	\$ 4.50	\$ 10.00			\$ 7.25	
2,468,150.00	LB	REINF.STEEL-BRIDGE (GR 60)	\$ 1.75	\$ 2.20			\$ 1.98	
5,968,030.00	LB	EPOXY COAT.REINF.STEEL-GR 60	\$ 2.00	\$ 2.45			\$ 2.23	
5,664.00	LF	STEEL PILING (HP 14X89)	\$ 175.00	\$ 165.00			\$ 170.00	
2,035.00	LF	CORING DRILLED SHAFT	\$ 120.00	\$ 175.00			\$ 147.50	
2,195.00	LF	DRILLED SHAFT (54" DIAMETER)	\$ 1,750.00	\$ 1,600.00			\$ 1,675.00	
4,351.00	LF	DRILLED SHAFT (66" DIAMETER)	\$ 2,250.00	\$ 2,345.00			\$ 2,297.50	
852.00	LF	DRILLED SHAFT (108" DIAMETER)	\$ 4,500.00	\$ 5,785.00			\$ 5,142.50	
729.00	LF	DRILLED SHAFT (78" DIAMETER)	\$ 2,700.00	\$ 2,615.00			\$ 2,657.50	
1,724.00	LF	PERMANENT STEEL CASING(60")	\$ 600.00	\$ 260.00			\$ 430.00	
3,206.00	LF	PERMANENT STEEL CASING(72")	\$ 625.00	\$ 415.00			\$ 520.00	
504.00	LF	PERMANENT STEEL CASING(84")	\$ 750.00	\$ 630.00			\$ 690.00	
471.00	LF	PERMANENT STEEL CASING (114")	\$ 1,650.00	\$ 1,400.00			\$ 1,525.00	
39.00	EACH	CROSSHOLE SONIC LOGGING (54" DIA.)	\$ 2,550.00	\$ 15,000.00			\$ 8,775.00	
76.00	EACH	CROSSHOLE SONIC LOGGING (66" DIA.)	\$ 2,550.00	\$ 15,000.00			\$ 8,775.00	
15.00	EACH	CROSSHOLE SONIC LOGGING (78" DIA.)	\$ 2,550.00	\$ 15,000.00			\$ 8,775.00	
15.00	EACH	CROSSHOLE SONIC LOGGING (108" DIA.)	\$ 2,550.00	\$ 15,000.00			\$ 8,775.00	
15.00	EACH	THERMAL INTEGRITY PROFILING (108" DIA.)	\$ 7,000.00	\$ 15,000.00			\$ 11,000.00	
11,326,600.00	LB	STR.ST.PL.GRD.SPN(M270-GR50W)	\$ 4.13	\$ 3.97			\$ 4.05	
2,364,540.00	LB	STR.ST.PL.GRD.SPN(M270-GRHPS70W)	\$ 3.75	\$ 2.04			\$ 2.90	
770.50	TON	PAINTING STRUCTURAL STEEL	\$ 300.00	\$ 550.00			\$ 425.00	
659,119.00	CUIN	ELASTOMERIC BEARINGS	\$ 3.50	\$ 4.25			\$ 3.88	
40.00	EACH	HLMR BEARING ASSEMBLY	\$ 20,000.00	\$ 21,000.00			\$ 20,500.00	
352.00	LF	ARM. JT W/NEOPRENE STRIP SEAL	\$ 2,000.00	\$ 1,000.00			\$ 1,500.00	
164.00	LF	MODULAR JOINT	\$ 5,000.00	\$ 7,000.00			\$ 6,000.00	
2.00	EACH	BRIDGE NAME PLATE (TYPE D)	\$ 650.00	\$ 1,500.00			\$ 1,075.00	
80.00	SQFT	MEMBRANE WATERPROOFING (TYPE C)	\$ 150.00	\$ 175.93			\$ 162.97	
527.00	CUYD	CONCRETE RIPRAP	\$ 1,600.00	\$ 4,219.89			\$ 2,909.95	YES
1.00	LS	SHORING [LS]	\$ 1,950,000.00	\$ 2,589,000.00			\$ 2,269,500.00	