

Town of Clinton, Replacement of Bridge No. 04119 Kelseytown Road over Menunketsuck River  
Bridge No. 04119  
State Project No. 0027-0125, Federal Aid #6027(005)

Construction Bid Cost Comparison - Bid Opening 12-02-20, 10:30 AM

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				ENGINEERS ESTIMATE				ARBORIO CORPORATION				BRUNALLI CONSTRUCTION COMPANY				DAYTON CONSTRUCTION COMPANY, INC.			
Item No.	Description	Unit	Quantity	Unit Cost	Total Cost	Unit Cost	Total Cost	Diff. with Engr. Est	% Diff. with Engr. Est	Unit Cost	Total Cost	Diff. with Engr. Est	% Diff. with Engr. Est	Unit Cost	Total Cost	Diff. with Engr. Est	% Diff. with Engr. Est		
020903	A LEAD COMPLIANCE FOR MISCELLANEOUS EXTERIOR TASKS	L.S.	1	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00	(\$10,000.00)	-67%	\$2,500.00	\$2,500.00	(\$12,500.00)	-83%	\$1,000.00	\$1,000.00	(\$14,000.00)	-93%		
020101	CLEARING AND GRUBBING	L.S.	1	\$37,290.67	\$37,290.67	\$50,000.00	\$50,000.00	\$12,709.33	34%	\$36,000.00	\$36,000.00	(\$1,290.67)	-3%	\$55,000.00	\$55,000.00	\$17,709.33	47%		
0202000	EARTH EXCAVATION	C.Y.	505	\$30.50	\$15,402.50	\$47.00	\$23,735.00	\$8,332.50	54%	\$38.00	\$19,190.00	\$3,787.50	25%	\$30.00	\$15,150.00	(\$232.50)	-2%		
0202529	CUT BITUMINOUS CONCRETE PAVEMENT	L.F.	90	\$9.00	\$810.00	\$5.00	\$450.00	(\$360.00)	-44%	\$4.50	\$405.00	(\$405.00)	-50%	\$4.00	\$360.00	(\$450.00)	-56%		
0203000	STRUCTURE EXCAVATION - EARTH (COMPLETE)	C.Y.	770	\$32.00	\$24,640.00	\$47.00	\$36,190.00	\$11,350.00	47%	\$41.50	\$31,955.00	\$7,315.00	30%	\$6.00	\$4,620.00	(\$20,020.00)	-81%		
0203100	STRUCTURE EXCAVATION-ROCK (COMPLETE)	C.Y.	1	\$300.00	\$300.00	\$500.00	\$500.00	\$200.00	67%	\$360.00	\$360.00	\$60.00	20%	\$350.00	\$350.00	\$50.00	17%		
0209001	FORMATION OF SUBGRADE	S.Y.	575	\$6.00	\$3,450.00	\$5.00	\$2,875.00	(\$575.00)	-17%	\$7.50	\$4,312.50	\$862.50	25%	\$5.00	\$2,875.00	(\$575.00)	-17%		
0211000	ANTI-TRACKING PAD	S.Y.	100	\$30.00	\$3,000.00	\$40.00	\$4,000.00	\$1,000.00	33%	\$30.00	\$3,000.00	\$0.00	0%	\$10.00	\$1,000.00	(\$2,000.00)	-67%		
0212000	SUBBASE	C.Y.	182	\$66.00	\$12,012.00	\$60.00	\$10,920.00	(\$1,092.00)	-9%	\$81.00	\$14,742.00	\$2,730.00	23%	\$55.00	\$10,010.00	(\$2,002.00)	-17%		
0213100	GRANULAR FILL	C.Y.	2	\$94.00	\$188.00	\$300.00	\$600.00	\$412.00	21%	\$204.00	\$408.00	\$220.00	117%	\$100.00	\$200.00	\$12.00	6%		
0216000	PERVIOUS STRUCTURE BACKFILL	C.Y.	415	\$60.00	\$24,900.00	\$60.00	\$24,900.00	\$0.00	0%	\$89.00	\$36,335.00	\$12,035.00	48%	\$80.00	\$33,200.00	\$8,300.00	33%		
0219001	SEDIMENTATION CONTROL SYSTEM	L.F.	390	\$6.00	\$2,430.00	\$20.00	\$7,800.00	\$5,460.00	233%	\$12.00	\$4,680.00	\$2,340.00	100%	\$7.00	\$2,730.00	\$390.00	17%		
0219011	A SEDIMENT CONTROL SYSTEM AT CATCH BASIN	EA.	3	\$164.00	\$492.00	\$300.00	\$900.00	\$408.00	83%	\$260.00	\$780.00	\$288.00	59%	\$50.00	\$150.00	(\$342.00)	-70%		
0305000	PROCESSED AGGREGATE	TON	27	\$48.00	\$1,296.00	\$100.00	\$2,700.00	\$1,404.00	108%	\$79.00	\$2,133.00	\$837.00	65%	\$70.00	\$1,890.00	\$594.00	46%		
0406171	HMA S0.5	TON	165	\$150.00	\$24,750.00	\$160.00	\$26,400.00	\$1,650.00	7%	\$160.00	\$26,400.00	\$1,650.00	7%	\$165.00	\$27,225.00	\$2,475.00	10%		
0406173	HMA S0.25	TON	25	\$130.00	\$3,250.00	\$170.00	\$4,250.00	\$1,000.00	31%	\$170.00	\$4,250.00	\$1,000.00	31%	\$240.00	\$6,000.00	\$2,750.00	85%		
0406236	MATERIAL FOR TACK COAT	GAL	55	\$18.00	\$990.00	\$20.00	\$1,100.00	\$110.00	11%	\$20.00	\$1,100.00	\$110.00	11%	\$20.00	\$1,100.00	\$110.00	11%		
0406311	A SAWING AND SEALING JOINTS IN BITUMINOUS CONCRETE OVERLAY	L.F.	165	\$21.00	\$3,465.00	\$20.00	\$3,300.00	(\$165.00)	-5%	\$20.00	\$3,300.00	(\$165.00)	-5%	\$20.00	\$3,300.00	(\$165.00)	-5%		
0503000	A REMOVAL OF SUPERSTRUCTURE	L.S.	1	\$60,000.00	\$60,000.00	\$200,000.00	\$200,000.00	\$140,000.00	233%	\$36,500.00	\$36,500.00	(\$23,500.00)	-39%	\$65,000.00	\$65,000.00	\$5,000.00	8%		
0514224	PRESTRESSED DECK UNITS (4'0" X 2'9")	L.F.	276	\$490.00	\$135,240.00	\$500.00	\$138,000.00	\$2,760.00	2%	\$560.00	\$154,560.00	\$19,320.00	14%	\$715.00	\$197,340.00	\$62,100.00	46%		
0520036	A ASPHALTIC PLUG EXPANSION JOINT SYSTEM	C.F.	30	\$420.00	\$12,600.00	\$440.00	\$13,200.00	\$600.00	5%	\$440.00	\$13,200.00	\$600.00	5%	\$440.00	\$13,200.00	\$600.00	5%		
0520041	A PERFORMED JOINT SEAL	L.F.	90	\$100.00	\$9,000.00	\$110.00	\$9,900.00	\$900.00	10%	\$110.00	\$9,900.00	\$900.00	10%	\$110.00	\$9,900.00	\$900.00	10%		
0521021	A STEEL- LAMINATED ELASTOMERIC BEARINGS	C.I.	6050	\$3.00	\$18,150.00	\$6.00	\$36,300.00	(\$14,520.00)	-80%	\$1.00	\$6,050.00	(\$12,100.00)	-67%	\$1.00	\$6,050.00	(\$12,100.00)	-67%		
0586001.10	TYPE 'C' CATCH BASIN - 0' - 10' DEEP	EA.	1	\$4,200.00	\$4,200.00	\$6,400.00	\$6,400.00	\$2,200.00	52%	\$4,565.00	\$4,565.00	\$365.00	9%	\$4,500.00	\$4,500.00	\$300.00	7%		
0586002.20	TYPE 'C' CATCH BASIN (4'5UMP) - 0' - 20' DEEP	EA.	1	\$6,500.00	\$6,500.00	\$13,000.00	\$13,000.00	\$6,500.00	100%	\$8,000.00	\$8,000.00	\$1,500.00	23%	\$5,500.00	\$5,500.00	(\$1,000.00)	-15%		
0586046.10	SPECIAL TYPE 'C-L' CATCH BASIN - 0' - 10' DEEP	EA.	1	\$4,200.00	\$4,200.00	\$6,400.00	\$6,400.00	\$2,200.00	52%	\$4,565.00	\$4,565.00	\$365.00	9%	\$4,000.00	\$4,000.00	(\$200.00)	-5%		
0601064	ABUTMENT AND WALL CONCRETE	C.Y.	173	\$800.00	\$138,400.00	\$600.00	\$103,800.00	(\$34,600.00)	-25%	\$1,130.00	\$195,490.00	\$57,090.00	41%	\$400.00	\$69,200.00	(\$69,200.00)	-50%		
0601118	BRIDGE DECK CONCRETE	C.Y.	63	\$1,000.00	\$63,000.00	\$2,100.00	\$132,300.00	\$69,300.00	110%	\$1,150.00	\$72,450.00	\$9,450.00	15%	\$1,400.00	\$88,200.00	\$25,200.00	40%		
0601121	PARAPET CONCRETE	L.F.	190	\$195.00	\$37,050.00	\$300.00	\$57,000.00	\$19,950.00	54%	\$405.00	\$76,950.00	\$39,900.00	108%	\$400.00	\$76,000.00	\$38,950.00	105%		
0601123	APPROACH SLAB CONCRETE	C.Y.	59	\$1,000.00	\$59,000.00	\$500.00	\$29,500.00	(\$29,500.00)	-50%	\$540.00	\$31,860.00	(\$27,140.00)	-46%	\$400.00	\$23,600.00	(\$35,400.00)	-60%		
0601504	1" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	S.F.	345	\$7.00	\$2,415.00	\$6.00	\$2,070.00	(\$345.00)	-14%	\$5.00	\$1,725.00	(\$690.00)	-29%	\$10.00	\$3,450.00	\$1,035.00	43%		
0602030	DEFORMED STEEL BARS - GALVANIZED	LB.	64550	\$2.00	\$129,100.00	\$2,70	\$174,285.00	\$45,185.00	35%	\$2.60	\$167,830.00	\$38,730.00	30%	\$0.60	\$38,730.00	(\$90,370.00)	-70%		
0602936A	A DRILLING AND GROUTING REINFORCING BARS	L.F.	465	\$29.00	\$13,485.00	\$5.00	\$2,325.00	(\$11,160.00)	-83%	\$46.00	\$21,390.00	\$7,905							

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HEMLOCK CONSTRUCTION COMPANY, INC.				LOUREIRO CONTRACTORS				NEW ENGLAND INFRASTRUCTURE, INC.				NORTHERN CONSTRUCTION				OLD COLONY CONSTRUCTION, LLC				AVG. BID PRICES	
Unit Cost	Total Cost	Diff. with Engr. Est	% Diff. with Engr. Est	Unit Cost	Total Cost	Diff. with Engr. Est	% Diff. with Engr. Est	Unit Cost	Total Cost	Diff. with Engr. Est	% Diff. with Engr. Est	Unit Cost	Total Cost	Diff. with Engr. Est	% Diff. with Engr. Est	Unit Cost	Total Cost	Diff. with Engr. Est	% Diff. with Engr. Est	Unit Cost	Total Cost
\$600.00	\$600.00	(\$14,400.00)	-9%	\$1,000.00	\$1,000.00	(\$14,000.00)	-93%	\$1,000.00	\$1,000.00	(\$14,000.00)	-93%	\$10,000.00	\$10,000.00	(\$5,000.00)	-33%	\$15,000.00	\$15,000.00	\$0.00	0%	\$1,850.00	\$1,850.00
\$53,000.00	\$53,000.00	\$12,709.33	42%	\$50,000.00	\$50,000.00	\$12,709.33	34%	\$30,000.00	\$30,000.00	(\$7,290.67)	-20%	\$20,000.00	\$20,000.00	(\$17,290.67)	-46%	\$30,852.00	\$30,852.00	(\$6,438.67)	-17%	\$45,666.67	\$45,666.67
\$22.00	\$11,119.00	(\$4,292.50)	-28%	\$50.00	\$25,250.00	\$9,847.50	64%	\$34.00	\$17,170.00	\$1,767.50	11%	\$25.00	\$12,625.00	(\$2,777.50)	-18%	\$26.00	\$13,130.00	(\$2,272.50)	-15%	\$36.83	\$18,600.83
\$10.00	\$900.00	\$90.00	11%	\$10.00	\$900.00	\$90.00	11%	\$5.00	\$450.00	(\$360.00)	-44%	\$10.00	\$900.00	\$90.00	11%	\$10.00	\$900.00	\$90.00	11%	\$6.42	\$577.50
\$22.00	\$16,940.00	\$7,700.00	-31%	\$35.00	\$26,950.00	\$2,310.00	9%	\$35.00	\$26,950.00	\$2,310.00	9%	\$30.00	\$23,100.00	(\$1,540.00)	-6%	\$24.00	\$18,480.00	(\$6,160.00)	-25%	\$31.08	\$23,934.17
\$145.00	\$145.00	(\$155.00)	-52%	\$250.00	\$250.00	(\$50.00)	-17%	\$400.00	\$400.00	\$100.00	33%	\$200.00	\$200.00	(\$100.00)	-33%	\$635.00	\$635.00	\$335.00	12%	\$334.17	\$334.17
\$3.00	\$1,725.00	(\$1,725.00)	-50%	\$7.00	\$4,025.00	\$575.00	17%	\$10.00	\$5,750.00	\$2,300.00	67%	\$6.00	\$3,450.00	\$0.00	0%	\$9.90	\$5,692.50	\$2,242.50	65%	\$6.25	\$3,593.75
\$11.50	\$1,150.00	(\$1,850.00)	-62%	\$16.00	\$1,600.00	(\$1,400.00)	-47%	\$40.00	\$4,000.00	\$1,000.00	33%	\$40.00	\$4,000.00	\$1,000.00	33%	\$24.00	\$2,400.00	(\$600.00)	-20%	\$24.58	\$2,458.33
\$25.00	\$4,350.00	(\$7,462.00)	-62%	\$66.00	\$12,012.00	\$0.00	0%	\$56.00	\$10,192.00	(\$1,820.00)	-15%	\$60.00	\$10,920.00	(\$1,092.00)	-9%	\$47.00	\$8,554.00	(\$3,458.00)	-29%	\$57.17	\$10,404.33
\$35.00	\$70.00	(\$118.00)	-63%	\$200.00	\$400.00	\$212.00	113%	\$200.00	\$400.00	\$212.00	113%	\$110.00	\$220.00	\$32.00	17%	\$150.00	\$300.00	\$112.00	60%	\$173.17	\$346.33
\$25.00	\$10,375.00	(\$14,525.00)	-58%	\$66.00	\$27,390.00	\$2,490.00	10%	\$60.00	\$24,900.00	\$0.00	0%	\$45.00	\$18,675.00	(\$6,225.00)	-25%	\$44.00	\$18,260.00	(\$6,640.00)	-27%	\$63.33	\$26,283.33
\$5.00	\$1,950.00	(\$390.00)	-17%	\$7.00	\$2,730.00	\$380.00	17%	\$8.00	\$3,120.00	\$780.00	33%	\$8.00	\$3,120.00	\$780.00	33%	\$6.20	\$2,418.00	\$78.00	3%	\$9.83	\$3,835.00
\$130.00	\$390.00	(\$102.00)	-21%	\$90.00	\$270.00	(\$222.00)	-45%	\$215.00	\$645.00	\$153.00	31%	\$185.00	\$555.00	\$63.00	13%	\$237.00	\$711.00	\$219.00	45%	\$174.17	\$522.50
\$74.00	\$1,998.00	\$702.00	54%	\$45.00	\$1,215.00	(\$81.00)	-6%	\$48.00	\$1,296.00	\$0.00	0%	\$80.00	\$2,160.00	\$864.00	67%	\$43.00	\$1,161.00	(\$135.00)	-10%	\$69.33	\$1,872.00
\$182.00	\$30,030.00	\$5,280.00	21%	\$200.00	\$33,000.00	\$8,250.00	33%	\$180.00	\$29,700.00	\$4,950.00	20%	\$165.00	\$27,225.00	\$2,475.00	10%	\$184.00	\$30,360.00	\$5,610.00	23%	\$174.50	\$28,792.50
\$193.00	\$4,825.00	\$1,575.00	48%	\$180.00	\$4,500.00	\$1,250.00	38%	\$190.00	\$4,750.00	\$1,500.00	46%	\$175.00	\$4,375.00	\$1,125.00	35%	\$187.00	\$4,675.00	\$1,425.00	44%	\$190.50	\$4,762.50
\$23.00	\$1,265.00	\$275.00	28%	\$23.00	\$1,265.00	\$275.00	28%	\$20.00	\$1,100.00	\$110.00	11%	\$22.00	\$1,210.00	\$220.00	22%	\$10.00	\$550.00	(\$440.00)	-44%	\$21.00	\$1,155.00
\$20.00	\$3,300.00	(\$165.00)	-5%	\$20.00	\$3,300.00	(\$165.00)	-5%	\$20.00	\$3,300.00	(\$165.00)	-5%	\$40.00	\$6,800.00	\$3,135.00	90%	\$25.00	\$6,680.00	\$4,125.00	19%	\$20.00	\$3,300.00
\$170,000.00	\$170,000.00	\$110,000.00	183%	\$100,000.00	\$100,000.00	\$40,000.00	67%	\$267,000.00	\$267,000.00	\$20,000.00	345%	\$278,500.00	\$278,500.00	\$218,500.00	364%	\$64,748.00	\$64,748.00	\$4,748.00	8%	\$139,750.00	\$139,750.00
\$604.00	\$166,704.00	\$31,464.00	23%	\$1,000.00	\$276,000.00	\$140,760.00	104%	\$540.00	\$149,040.00	\$13,800.00	10%	\$700.00	\$193,200.00	\$57,960.00	43%	\$550.00	\$151,800.00	\$16,560.00	12%	\$663.17	\$180,274.00
\$440.00	\$13,200.00	\$600.00	5%	\$440.00	\$13,200.00	\$600.00	5%	\$500.00	\$15,000.00	\$2,400.00	19%	\$300.00	\$9,000.00	(\$3,600.00)	-29%	\$486.00	\$14,580.00	\$1,980.00	16%	\$450.00	\$13,500.00
\$125.00	\$11,250.00	\$2,250.00	25%	\$130.00	\$11,700.00	\$2,700.00	30%	\$125.00	\$11,250.00	\$2,250.00	25%	\$18.00	\$1,620.00	(\$7,380.00)	-82%	\$160.00	\$14,400.00	\$5,400.00	60%	\$118.33	\$10,650.00
\$4,000.00	\$4,000.00	(\$200.00)	-5%	\$3,700.00	\$3,700.00	(\$500.00)	-12%	\$3,400.00	\$3,400.00	(\$800.00)	-19%	\$5,000.00	\$5,000.00	\$800.00	19%	\$3,541.00	\$5,699.00	(\$3,541.00)	-16%	\$4,344.17	\$4,344.17
\$8,350.00	\$8,350.00	\$1,850.00	28%	\$6,300.00	\$6,300.00	(\$200.00)	-3%	\$11,000.00	\$11,000.00	\$4,500.00	69%	\$10,000.00	\$10,000.00	\$3,500.00	54%	\$5,087.00	\$5,087.00	(\$1,413.00)	-22%	\$8,691.67	\$8,691.67
\$4,000.00	\$4,000.00	(\$200.00)	-5%	\$3,700.00	\$3,700.00	(\$500.00)	-12%	\$3,400.00	\$3,400.00	(\$800.00)	-19%	\$5,000.00	\$5,000.00	\$800.00	19%	\$3,541.00	\$6,689.00	(\$3,541.00)	-16%	\$4,344.17	\$4,344.17
\$450.00	\$77,850.00	(\$60,550.00)	-44%	\$1,100.00	\$190,300.00	\$51,900.00	38%	\$710.00	\$122,830.00	(\$15,570.00)	-11%	\$950.00	\$164,350.00	\$25,950.00	19%	\$813.00	\$140,649.00	\$24,249.00	2%	\$731.67	\$126,578.33
\$1,476.00	\$92,988.00	\$29,988.00	48%	\$1,800.00	\$113,400.00	\$50,400.00	80%	\$1,750.00	\$110,250.00	\$47,250.00	75%	\$1,750.00	\$110,250.00</								