

NORTH AVE WATERLINE REPLACEMENT PROJECT (NORTH AVENUE 29 ROAD TO I70B) BID TABULATION

Item	Description	Unit	K&D Construction			TIMCO			MA Concrete											
			Estimate #	Unit Price	Total Price	Estimate #	Unit Price	Total Price	Estimated Quantity	Unit Price	Total Price	Estimated Quantity	Unit Price	Total Price						
1	Mobilization & Demobilization, Performance & Payment Bonds, Traffic Control Plan for Owner-Provided CDDT Permit, Insurance	LS	1	\$58,164.00	\$58,164.00	1	\$47,664.00	\$47,664.00	1	\$50,000.00	\$50,000.00	1	\$50,000.00	\$50,000.00	1	\$43,280.00	\$43,280.00	1	\$43,280.00	\$43,280.00
2	Pipeline Trench Excavation & Backfill (Includes asphalt milling & stockpiling and curb/gutter sawcutting & removal)																			
a	Asphalt Trench 12-inch C900 Class 1, STA20+00 to STA51+17 (Trench Detail #1, Sheet 17)	LF	3,117	\$30.20	\$94,133.40				3,117	\$60.00	\$187,020.00				3,117	\$43.00	\$134,031.00			
b	Asphalt Trench 8-inch C900 Class 1, STA10+00 to STA17+40 (Trench Detail #3, Sheet 17)	LF	740	\$27.90	\$20,646.00	740	\$27.90	\$20,646.00	740	\$60.00	\$44,400.00	740	\$60.00	\$44,400.00	740	\$43.00	\$31,820.00	740	\$43.00	\$31,820.00
c	Asphalt Trench 8-inch C900 Harmony Class 1, STA10+00 to STA14+55 (Trench Detail #1, Sheet 17)	LF	455	\$25.30	\$11,511.50	455	\$25.30	\$11,511.50	455	\$60.00	\$27,300.00	455	\$60.00	\$27,300.00	455	\$43.00	\$19,565.00	455	\$43.00	\$19,565.00
3*	Select Backfill Material as Directed by Engineer - Includes Removal and Disposal of Unusable Material from Required Excavation (Section 0226)																			
a	Type A Material (aggregate base course)	Ton	500	\$24.00	\$12,000.00	500	\$24.00	\$12,000.00	500	\$24.00	\$12,000.00	500	\$24.00	\$12,000.00	500	\$24.00	\$12,000.00	500	\$24.00	\$12,000.00
b	Type E Material (approved pit run)	Ton	750	\$20.00	\$15,000.00	750	\$20.00	\$15,000.00	750	\$20.00	\$15,000.00	750	\$20.00	\$15,000.00	750	\$20.00	\$15,000.00	750	\$20.00	\$15,000.00
c	1 1/2" Screened Rock	Ton	250	\$25.00	\$6,250.00	250	\$25.00	\$6,250.00	250	\$25.00	\$6,250.00	250	\$25.00	\$6,250.00	250	\$25.00	\$6,250.00	250	\$25.00	\$6,250.00
4	Pipeline Trench Surface Restoration (Includes removal/disposal of Temporary Cold Asphalt Pavement as necessary; recompact disturbed Base Course as necessary)																			
a	Asphalt Pavement Class A (North Av) (HMA per CDDT three (3) two-inch lifts or 6-inch thickness) (Includes stripping per CDDT Specifications) (Trench Details, Sheet 17)	Ton	420	\$159.90	\$67,158.00	34	\$426.00	\$14,484.00	420	\$164.00	\$68,880.00	34	\$164.00	\$5,576.00	420	\$177.00	\$74,340.00	34	\$250.00	\$8,500.00
b	Asphalt Pavement Class A (Harmony) (HMA per CDDT two (2) two-inch lifts or 4-inch thickness) (Includes stripping per CDDT Specifications) (Trench Details, Sheet 17)	Ton	15	\$316.00	\$4,740.00	15	\$316.00	\$4,740.00	15	\$249.00	\$3,735.00	15	\$249.00	\$3,735.00	15	\$177.00	\$2,655.00	15	\$250.00	\$3,750.00
c	Asphalt Pavement Mill & Overlay (HMA per CDDT one (1) two-inch lift) (Includes stripping per CDDT Specifications) (Trench Details, Sheet 17)	Ton	100	\$220.10	\$22,010.00	18	\$635.00	\$11,430.00	100	\$182.00	\$18,200.00	18	\$182.00	\$3,276.00	100	\$177.00	\$17,700.00	18	\$250.00	\$4,500.00
d	Temporary Cold Asphalt Pavement (North Ave) (6-inch thickness) (recycled from asphalt millings) - includes placement, compaction and grading to create smoothness; complete in place and accepted.	SY	1,279	\$22.50	\$28,777.50	104	\$41.75	\$4,342.00	1,279	\$85.00	\$108,715.00	104	\$85.00	\$8,840.00	1,279	\$9.00	\$11,511.00	104	\$10.00	\$1,040.00
e	Temporary Cold Asphalt Pavement (Harmony) (4-inch thickness) (recycled from asphalt millings) - includes placement, compaction and grading to create smoothness; complete in place and accepted.	SY	67	\$26.35	\$1,765.45	67	\$26.35	\$1,765.45	67	\$80.00	\$5,360.00	67	\$80.00	\$5,360.00	67	\$7.00	\$469.00	67	\$7.00	\$469.00
f	Cold Asphalt Pavement (Traffic Islands/Medians) (4-inch thickness) (recycled from asphalt millings) - includes placement, compaction and grading to match existing; complete in place and accepted. (removed by others)	SY	238	\$29.75	\$7,080.50				238	\$80.00	\$19,040.00				238	\$15.00	\$3,570.00			
g	Cold Asphalt Pavement Repair as directed by the Engineer (recycled from asphalt millings)	SY	500	\$21.85	\$10,925.00	100	\$30.00	\$3,000.00	500	\$85.00	\$42,500.00	100	\$85.00	\$8,500.00	500	\$45.00	\$22,500.00	100	\$45.00	\$4,500.00
h	Class C (gravel shoulders and dikes)	LF	147	\$130.30	\$19,154.10	147	\$130.30	\$19,154.10	147	\$32.00	\$4,704.00	147	\$32.00	\$4,704.00	147	\$16.00	\$2,352.00	147	\$16.00	\$2,352.00
i	Class D (concrete driveways, sidewalks, curbs and gutter)	LF	658	\$54.90	\$36,124.20	658	\$54.90	\$36,124.20	658	\$155.00	\$101,990.00	658	\$155.00	\$101,990.00	658	\$60.00	\$39,480.00	658	\$60.00	\$39,480.00
5	Pipeline and Fittings, complete in place - Includes all material, labor, and equipment necessary to construct according to drawings & specifications (Section 0267)																			
a	12-inch C900 DR18 PVC Pipe STA20+00 to STA51+17	LF	3,117	\$46.55	\$145,096.35				3,117	\$56.00	\$174,552.00				3,117	\$44.00	\$137,148.00			
b	8-inch C900 DR18 PVC Pipe STA10+00 to STA17+45	LF	745	\$27.05	\$20,152.25	745	\$27.05	\$20,152.25	745	\$34.00	\$25,330.00	745	\$34.00	\$25,330.00	745	\$25.00	\$18,625.00	745	\$25.00	\$18,625.00
c	8-inch C900 DR18 PVC Pipe Harmony STA10+00 to STA14+55	LF	455	\$31.60	\$14,378.00	455	\$31.60	\$14,378.00	455	\$39.00	\$17,745.00	455	\$39.00	\$17,745.00	455	\$25.00	\$11,375.00	455	\$25.00	\$11,375.00
6	New Fire Hydrant Installation - Includes Class 1 trench excavation & backfill, surface restoration, new hydrant, pipe, valve, fittings, restraints, thrust blocks (Fire Hydrant Detail D, Sheet 17) and removal of existing fire hydrant as required.																			
a	STA 14+42 (Sheet 6; Sheet 14; Detail D, Sheet 17)	LS	1	\$6,188.10	\$6,188.10	1	\$6,188.10	\$6,188.10	1	\$6,500.00	\$6,500.00	1	\$6,500.00	\$6,500.00	1	\$7,710.00	\$7,710.00	1	\$7,710.00	\$7,710.00
b	STA 16+00 (Sheet 6; Sheet 14; Detail D, Sheet 17)	LS	1	\$6,188.10	\$6,188.10	1	\$6,188.10	\$6,188.10	1	\$6,500.00	\$6,500.00	1	\$6,500.00	\$6,500.00	1	\$7,710.00	\$7,710.00	1	\$7,710.00	\$7,710.00
c	STA 25+02 (Sheet 9; Sheet 14; Detail D, Sheet 17)	LS	1	\$7,601.80	\$7,601.80	1	\$7,601.80	\$7,601.80	1	\$7,248.00	\$7,248.00	1	\$7,248.00	\$7,248.00	1	\$8,300.00	\$8,300.00	1	\$8,300.00	\$8,300.00
d	STA 30+16 (Sheet 8; Sheet 14; Detail D, Sheet 17)	LS	1	\$8,162.80	\$8,162.80	1	\$8,162.80	\$8,162.80	1	\$7,248.00	\$7,248.00	1	\$7,248.00	\$7,248.00	1	\$8,300.00	\$8,300.00	1	\$8,300.00	\$8,300.00
e	STA 32+84 (Sheet 9; Sheet 14; Detail D, Sheet 17)	LS	1	\$7,737.45	\$7,737.45	1	\$7,737.45	\$7,737.45	1	\$6,500.00	\$6,500.00	1	\$6,500.00	\$6,500.00	1	\$7,600.00	\$7,600.00	1	\$7,600.00	\$7,600.00
f	STA 36+99 (Sheet 10; Sheet 15; Detail D, Sheet 17)	LS	1	\$8,541.45	\$8,541.45	1	\$8,541.45	\$8,541.45	1	\$7,500.00	\$7,500.00	1	\$7,500.00	\$7,500.00	1	\$10,325.00	\$10,325.00	1	\$10,325.00	\$10,325.00
g	STA 37+33 (Sheet 10; Sheet 15; Detail D, Sheet 17)	LS	1	\$7,802.00	\$7,802.00	1	\$7,802.00	\$7,802.00	1	\$7,500.00	\$7,500.00	1	\$7,500.00	\$7,500.00	1	\$8,300.00	\$8,300.00	1	\$8,300.00	\$8,300.00
h	STA 41+71 (Sheet 10; Sheet 15; Detail D, Sheet 17)	LS	1	\$7,688.40	\$7,688.40	1	\$7,688.40	\$7,688.40	1	\$7,500.00	\$7,500.00	1	\$7,500.00	\$7,500.00	1	\$8,360.00	\$8,360.00	1	\$8,360.00	\$8,360.00
i	STA 42+37 (Sheet 11; Sheet 15; Detail D, Sheet 17)	LS	1	\$7,802.00	\$7,802.00	1	\$7,802.00	\$7,802.00	1	\$7,500.00	\$7,500.00	1	\$7,500.00	\$7,500.00	1	\$8,360.00	\$8,360.00	1	\$8,360.00	\$8,360.00
j	STA 44+44 (Sheet 11; Sheet 15; Detail D, Sheet 17)	LS	1	\$7,580.00	\$7,580.00	1	\$7,580.00	\$7,580.00	1	\$7,248.00	\$7,248.00	1	\$7,248.00	\$7,248.00	1	\$8,360.00	\$8,360.00	1	\$8,360.00	\$8,360.00
k	STA 10+55 Harmony (Sheet 13; Detail D, Sheet 17)	LS	1	\$6,135.00	\$6,135.00	1	\$6,135.00	\$6,135.00	1	\$6,600.00	\$6,600.00	1	\$6,600.00	\$6,600.00	1	\$7,700.00	\$7,700.00	1	\$7,700.00	\$7,700.00
7	Water Main, Fire Line and Meter Service Connections - Includes all material, labor, and equipment necessary to connect existing services, mains and fire lines, including tee, saddle, corporation stops, valves, pipe and fittings. Includes Class 1 trench excavation & backfill, surface restoration, QA disinfection & pressure-testing and abandonment of replaced water facilities.																			
a	STA 11+30 2-inch Water Service Connection (Sheet 5; Detail G, Sheet 16)	LS	1	\$1,971.00	\$1,971.00	1	\$1,971.00	\$1,971.00	1	\$1,900.00	\$1,900.00	1	\$1,900.00	\$1,900.00	1	\$1,960.00	\$1,960.00	1	\$1,960.00	\$1,960.00
b	STA 12+85 3/4-inch Water Service Connection (Sheet 5; Detail H, Sheet 16)	LS	1	\$1,243.00	\$1,243.00	1	\$1,243.00	\$1,243.00	1	\$1,000.00	\$1,000.00	1	\$1,000.00	\$1,000.00	1	\$1,175.00	\$1,175.00	1	\$1,175.00	\$1,175.00
c	STA 13+101 1/2-inch Water Service Connection (Sheet 5; Detail G, Sheet 16)	LS	1	\$1,633.00	\$1,633.00	1	\$1,633.00	\$1,633.00	1	\$1,700.00	\$1,700.00	1	\$1,700.00	\$1,700.00	1	\$1,960.00	\$1,960.00	1	\$1,960.00	\$1,960.00
d	STA 14+45 3/4-inch Water Service Connection (Sheet 5; Detail H, Sheet 16)	LS	1	\$1,243.00	\$1,243.00	1	\$1,243.00	\$1,243.00	1	\$1,000.00	\$1,000.00	1	\$1,000.00	\$1,000.00	1	\$1,175.00	\$1,175.00	1	\$1,175.00	\$1,175.00
e	STA 14+90 3/4-inch Water Service Connection (Sheet 5; Detail H, Sheet 16)	LS	1	\$1,243.00	\$1,243.00	1	\$1,243.00	\$1,243.00	1	\$1,000.00	\$1,000.00	1	\$1,000.00	\$1,000.00	1	\$1,175.00	\$1,175.00	1	\$1,175.00	\$1,175.00
f	STA 16+26 3/4-inch Water Service Connection (Sheet 6; Detail H, Sheet 16)	LS	1	\$1,332.00	\$1,332.00	1	\$1,332.00	\$1,332.00	1	\$1,000.00	\$1,000.00	1	\$1,000.00	\$1,000.00	1	\$1,175.00	\$1,175.00	1	\$1,175.00	\$1,175.00
g	STA 16+60 Morning Glory N 2-inch Connection (Note 2, Sheet 6; Detail I, Sheet 16)	LS	1	\$7,324.00	\$7,324.00	1	\$7,324.00	\$7,324.00	1	\$8,300.00	\$8,300.00	1	\$8,300.00	\$8,300.00	1	\$7,740.00	\$7,740.00	1	\$7,740.00	\$7,740.00
h	STA 16+92 8-inch Tee, 8x12 Reducer, 12-inch Gate Valve (Sheet 6; Detail I, Sheet 16)	LS	1	\$5,260.00	\$5,260.00	1	\$5,260.00	\$5,260.00	1	\$9,600.00	\$9,600.00	1	\$9,600.00	\$9,600.00	1	\$7,810.00	\$7,810.00	1	\$7,810.00	\$7,810.00
i	STA 17+26 Morning Glory S (2) 8-inch Connections (Note 4, Sheet 6; Detail I, Sheet 16)	LS	1	\$7,626.00	\$7,626.00	1	\$7,626.00	\$7,626.00	1	\$1,300.00	\$1,300.00	1	\$1,300.00	\$1,300.00	1	\$10,200.00	\$10,200.00	1	\$10,200.00	\$10,200.00
j	STA 15+54 3/4-inch Water Service Connection (Sheet 7; Sheet 14; Detail H, Sheet 16)	LS	1	\$2,786.00	\$2,786.00	1	\$2,786.00	\$2,786.00	1	\$1,300.00	\$1,300.00	1	\$1,300.00	\$1,300.00	1	\$1,725.00	\$1,725.00	1	\$1,725.00	\$1,725.00
k	STA 22+61 3/4-inch Water Service Connection (Sheet 7; Sheet 14; Detail H, Sheet 16)	LS	1	\$2,364.00	\$2,364.00	1	\$2,364.00	\$2,364.00	1	\$1,300.00	\$1,300.00	1	\$1,300.00	\$1,300.00	1	\$1,725.00	\$1,725.00	1	\$1,725.00	\$1,725.00
l	STA 22+80 3/4-inch Water Service Connection (Sheet 7; Sheet 14; Detail G, Sheet 16)	LS	1	\$2,364.00	\$2,364.00	1	\$2,364.00	\$2,364.00	1	\$1,000.00	\$1,000.00	1	\$1,000.00	\$1,000.00	1	\$1,175.00	\$1,175.00	1	\$1,175.00	\$1,175.00
m	STA 23+11 1-inch Water Connection (Note 2, Sheet 7; Detail H, Sheet 16)	LS	1	\$1,390.00	\$1,390.00	1	\$1,390.00	\$1,390.00	1	\$6,500.00	\$6,500.00	1	\$6,500.00	\$6,500.00	1	\$3,600.00	\$3,600.00	1		

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9	Sanitary Sewer Protection - Includes all material, labor, and equipment necessary to concrete cap or encasement. Includes Class 1 trench excavation & backfill, surface restoration. (Trench Crossing of Sewer Details, Sheet 17).																			
a.	Concrete Cap	EA	14	\$878.00	\$12,292.00	14	\$878.00	\$12,292.00	14	\$500.00	\$7,000.00	14	\$500.00	\$7,000.00	14	\$2,410.00	\$33,740.00	14	\$2,410.00	\$33,740.00
b.	Concrete Encasement	EA	5	\$1,697.00	\$8,485.00	5	\$1,697.00	\$8,485.00	5	\$3,500.00	\$17,500.00	5	\$3,500.00	\$17,500.00	5	\$4,000.00	\$20,000.00	5	\$4,000.00	\$20,000.00
10	Traffic Control	DAY	100	\$2,227.00	\$222,700.00	100	\$2,227.00	\$222,700.00	100	\$1,200.00	\$120,000.00	100	\$1,200.00	\$120,000.00	100	\$4,010.00	\$401,000.00	100	\$4,010.00	\$401,000.00
11	Temporary Waterline Installation - Includes all material, labor, and equipment to install 2-inch as shown on the drawings and disinfect; includes necessary earthwork, connections to mains and (5) ex services, removal & disconnection, surface restoration, and coordination with District.	LS	1	\$9,826.00	\$9,826.00	1	\$9,826.00	\$9,826.00	1	\$8,000.00	\$8,000.00	1	\$8,000.00	\$8,000.00	1	\$7,500.00	\$7,500.00	1	\$7,500.00	\$7,500.00
12	Removal and disposal of existing 3-inch PVC waterline as necessary (STA. 10+15 to STA.	LF	650	\$10.20	\$6,630.00	650	\$10.20	\$6,630.00	650	\$15.00	\$9,750.00	650	\$15.00	\$9,750.00	650	\$7.00	\$4,550.00	650	\$7.00	\$4,550.00
13	BID ALTERNATIVE: Trenchless installation of 12-inch C900 DR18 Restrained Joint Pipe - Includes all excavation, backfill, materials, labor, equipment and surface restoration for complete pipe installation. Approximate Sta: 20+00 to 51+17. (Section 02635)	LS				1	\$461,433.00	\$461,433.00				1	\$739,440.00	\$739,440.00				1	\$545,160.00	\$545,160.00
14	Import recycled asphalt millings to site as approved by the Engineer to supplement Bid Item 4f.	Ton	60	\$49.50	\$2,970.00	60	\$49.50	\$2,970.00	60	\$40.00	\$2,400.00	60	\$40.00	\$2,400.00	60	\$33.00	\$1,980.00	60	\$33.00	\$1,980.00
15	Potholing as directed by Engineer - Includes all equipment, labor and surface restoration for subsurface investigation.	Hrs	40	\$112.75	\$4,510.00	40	\$112.75	\$4,510.00	40	\$200.00	\$8,000.00	40	\$200.00	\$8,000.00	40	\$160.00	\$6,400.00	40	\$160.00	\$6,400.00
				Total Bid	\$1,092,067.85		Alternate Bid Total	\$1,201,076.10	Total Bid	\$1,316,515.00		Alternate Bid Total	\$1,463,240.00	Total Bid	\$1,330,591.00		Alternate Bid Total	\$1,494,311.00		