

BASSETT ROAD WATERLINE AND ROADWAY REHABILITATION

Bid Opening Date March 26, 2020

Bassett Rd Waterline Replacement and Roadway Rehab

LOCATION: Hilliard Blvd to Dover Center

Engineers Estimate \$2,300,000.00

LINE NO.	DESCRIPTION	UNIT	EST. QUAN	Underground Utilities		Bova Excavation		Fabrizi Trucking		Digioia Suburban	
				COST/UNIT	TOTAL COST	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID
ROADWAY											
1	Excavation, As Directed, SC-156	C.Y.	50	\$20.00	\$1,000.00	\$55.00	\$2,750.00	\$34.67	\$1,733.50	\$24.50	\$1,225.00
2	Embankment Construction, As Directed, SC-156	C.Y.	50	\$5.00	\$250.00	\$34.00	\$1,700.00	\$24.16	\$1,208.00	\$33.50	\$1,675.00
3	Item 204 - Subgrade Compaction, As Per Plan, SC-126	S.Y.	100	\$1.00	\$100.00	\$5.00	\$500.00	\$3.00	\$300.00	\$35.50	\$3,550.00
4	Additional Premium Backfill as Directed, SC-139	C.Y.	50	\$40.00	\$2,000.00	\$51.00	\$2,550.00	\$49.26	\$2,463.00	\$74.00	\$3,700.00
EROSION CONTROL											
5	Dust Control, SC-128	L.S.	1	\$1,000.00	\$1,000.00	\$1.00	\$1.00	\$14,850.00	\$14,850.00	\$13,300.00	\$13,300.00
6	Temporary Sediment and Erosion Control, SC-137	L.S.	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$17,652.00	\$17,652.00	\$13,900.00	\$13,900.00
DRAINAGE											
7	Storm Structure Removed, SC-114	Ea.	5	\$300.00	\$1,500.00	\$300.00	\$1,500.00	\$584.03	\$2,920.15	\$620.00	\$3,100.00
8	Storm Sewer Removed, As Directed, SC-114	L.F.	30	\$10.00	\$300.00	\$10.00	\$300.00	\$15.00	\$450.00	\$21.00	\$630.00
9	Catch Basin 2-2-A, As Directed, SC-125	Ea.	1	\$2,200.00	\$2,200.00	\$1,360.00	\$1,360.00	\$1,868.80	\$1,868.80	\$1,850.00	\$1,850.00
10	Catch Basin 2-2-B, As Directed, SC-125	Ea.	1	\$2,200.00	\$2,200.00	\$1,360.00	\$1,360.00	\$1,868.80	\$1,868.80	\$2,050.00	\$2,050.00
11	Yard Drain, As Directed, SC-164	Ea.	2	\$900.00	\$1,800.00	\$870.00	\$1,740.00	\$1,727.33	\$3,454.66	\$1,625.00	\$3,250.00
12	Manhole Adjusted to Grade, As per plan, SC-125	Ea.	45	\$200.00	\$9,000.00	\$880.00	\$39,600.00	\$500.00	\$22,500.00	\$1,025.00	\$46,125.00
13	Manhole Reconstructed to Grade, As per plan, SC-125	Ea.	5	\$1,500.00	\$7,500.00	\$1,375.00	\$6,875.00	\$750.00	\$3,750.00	\$1,600.00	\$8,000.00
14	Catch Basin or Inlet Adjusted to Grade, As per plan, SC-125	Ea.	10	\$250.00	\$2,500.00	\$1,100.00	\$11,000.00	\$500.00	\$5,000.00	\$990.00	\$9,900.00
15	Storm Manhole, As Directed, SC-125	Ea.	4	\$3,000.00	\$12,000.00	\$4,500.00	\$18,000.00	\$4,728.02	\$18,912.08	\$3,275.00	\$13,100.00
16	Catch Basin or Inlet Reconstructed to Grade, As per plan, SC-125	Ea.	3	\$500.00	\$1,500.00	\$1,650.00	\$4,950.00	\$750.00	\$2,250.00	\$1,450.00	\$4,350.00
17	Monument Box Adjusted to Grade, As per plan, SC-125	Ea.	7	\$200.00	\$1,400.00	\$632.00	\$4,424.00	\$500.00	\$3,500.00	\$850.00	\$5,950.00
18	Monument Box-Reference Removal and Replacement, As Directed by the Engineer SC-136	Ea.	1	\$650.00	\$650.00	\$230.00	\$230.00	\$750.00	\$750.00	\$1,030.00	\$1,030.00
19	6" Dia. Storm/Sanitary Sewer w/Low Strength Mortar Backfill, Type 2, As Directed SC-135	L.F.	25	\$130.00	\$3,250.00	\$143.00	\$3,575.00	\$144.52	\$3,613.00	\$140.00	\$3,500.00
20	6" Dia. Storm/Sanitary Sewer w/ Regular Backfill, As Directed SC-135	L.F.	25	\$40.00	\$1,000.00	\$30.00	\$750.00	\$79.24	\$1,981.00	\$111.00	\$2,775.00

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21	6" Dia. Storm/Sanitary Sewer w/ Premium Backfill, As Directed SC-135	L.F.	50	\$50.00	\$2,500.00	\$73.00	\$3,650.00	\$96.63	\$4,831.50	\$118.00	\$5,900.00
22	8" Dia. Storm Sewer w/Low Strength Mortar Backfill, Type 2, As Directed SC-135	L.F.	25	\$130.00	\$3,250.00	\$141.00	\$3,525.00	\$158.55	\$3,963.75	\$172.00	\$4,300.00
23	8" Dia. Storm Sewer w/ Premium Backfill, As Directed SC-135	L.F.	50	\$50.00	\$2,500.00	\$76.00	\$3,800.00	\$104.13	\$5,206.50	\$140.00	\$7,000.00
24	10" Dia. Storm Sewer w/ Premium Backfill, As Directed SC-135	L.F.	25	\$50.00	\$1,250.00	\$87.00	\$2,175.00	\$106.79	\$2,669.75	\$155.00	\$3,875.00
25	12" Dia. Storm Sewer w/ Premium Backfill, As Directed SC-135	L.F.	200	\$70.00	\$14,000.00	\$103.00	\$20,600.00	\$118.47	\$23,694.00	\$135.00	\$27,000.00
26	15" Dia. Storm Sewer w/ Premium Backfill, As Directed SC-135	L.F.	25	\$200.00	\$5,000.00	\$122.00	\$3,050.00	\$119.60	\$2,990.00	\$163.00	\$4,075.00
27	18" Dia. Storm Sewer w/ Premium Backfill, As Directed SC-135	L.F.	275	\$80.00	\$22,000.00	\$137.00	\$37,675.00	\$148.55	\$40,851.25	\$106.00	\$29,150.00
28	21" Dia. Storm Sewer w/ Premium Backfill, As Directed SC-135	L.F.	190	\$120.00	\$22,800.00	\$161.00	\$30,590.00	\$198.07	\$37,633.30	\$222.00	\$42,180.00
29	24" Dia. Storm Sewer w/ Premium Backfill, As Directed SC-135	L.F.	20	\$140.00	\$2,800.00	\$200.00	\$4,000.00	\$206.76	\$4,135.20	\$297.50	\$5,950.00
30	6" Underdrain with Fabric Wrap, As Directed by the Engineer, SC-143	L.F.	20	\$20.00	\$400.00	\$46.00	\$920.00	\$20.00	\$400.00	\$37.50	\$750.00
31	10" Ditch Enclosure Pipe, SC-163	L.F.	25	\$15.00	\$375.00	\$44.00	\$1,100.00	\$51.02	\$1,275.50	\$47.00	\$1,175.00
32	12" Ditch Enclosure Pipe, SC-163	L.F.	25	\$35.00	\$875.00	\$45.00	\$1,125.00	\$52.85	\$1,321.25	\$49.00	\$1,225.00
33	Slope and Channel Protection	C.Y.	20	\$50.00	\$1,000.00	\$155.00	\$3,100.00	\$146.11	\$2,922.20	\$158.00	\$3,160.00
34	Fill and Plug Existing Culvert, SC-173	C.Y.	10	\$40.00	\$400.00	\$180.00	\$1,800.00	\$185.00	\$1,850.00	\$140.00	\$1,400.00
35	Headwall Modification, SC-175	L.S.	1	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$5,268.17	\$5,268.17	\$8,500.00	\$8,500.00
36	New Cleanout, Complete in Place, As Directed, SC-135	Ea.	5	\$300.00	\$1,500.00	\$918.00	\$4,590.00	\$362.00	\$1,810.00	\$394.00	\$1,970.00
	PAVEMENT										
37	Concrete Walk Removed SC-114	S.F.	7,700	\$0.20	\$1,540.00	\$2.20	\$16,940.00	\$1.00	\$7,700.00	\$1.60	\$12,320.00
38	Item 255 - Full Depth Pavement Removal & Rigid Replacement, Class"FS", T=7", SC-119	S.Y.	20	\$75.00	\$1,500.00	\$132.00	\$2,640.00	\$125.00	\$2,500.00	\$160.00	\$3,200.00

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39	Item 255 - Full Depth Pavement Removal & Rigid Replacement, Class"MS", T=7", SC-119	S.Y.	20	\$65.00	\$1,300.00	\$105.00	\$2,100.00	\$83.00	\$1,660.00	\$158.50	\$3,170.00
40	Item 255 - Full Depth Pavement Removal & Rigid Replacement, Class"FS", T=9", SC-119	S.Y.	20	\$95.00	\$1,900.00	\$132.00	\$2,640.00	\$130.00	\$2,600.00	\$174.00	\$3,480.00
41	Item 255 - Full Depth Pavement Removal & Rigid Replacement, Class"MS", T=9", SC-119	S.Y.	20	\$95.00	\$1,900.00	\$105.00	\$2,100.00	\$86.00	\$1,720.00	\$171.50	\$3,430.00
42	Item 255 - Full Depth Pavement Removal & Rigid Replacement, Drive Apron Residential, Class"MS", SC-123	S.Y.	1,275	\$50.00	\$63,750.00	\$105.00	\$133,875.00	\$69.00	\$87,975.00	\$82.00	\$104,550.00
43	4" Concrete Walk, SC-127	S.F.	7,700	\$6.00	\$46,200.00	\$5.80	\$44,660.00	\$6.00	\$46,200.00	\$6.75	\$51,975.00
44	Curb Ramp, As per plan, SC-127	S.F.	320	\$15.00	\$4,800.00	\$20.00	\$6,400.00	\$21.00	\$6,720.00	\$17.00	\$5,440.00
45	Type 6 Curb, SC-149	L.F.	25	\$48.00	\$1,200.00	\$39.00	\$975.00	\$45.00	\$1,125.00	\$31.00	\$775.00
46	Pavement Planing, 4", SC-117	S.Y.	10,500	\$2.20	\$23,100.00	\$3.50	\$36,750.00	\$3.24	\$34,020.00	\$3.10	\$32,550.00
47	Planing of Drive Aprons, 1.5", SC-118	S.Y.	375	\$13.35	\$5,006.25	\$24.00	\$9,000.00	\$22.68	\$8,505.00	\$22.50	\$8,437.50
48	Flexible Pavement Repair, SC-116	C.Y.	3,750	\$40.00	\$150,000.00	\$46.50	\$174,375.00	\$45.36	\$170,100.00	\$46.00	\$172,500.00
49	O.D.O.T 441 Type 2 Asphalt Concrete Intermediate (448), SC-122	C.Y.	450	\$146.00	\$65,700.00	\$154.00	\$69,300.00	\$151.20	\$68,040.00	\$142.00	\$63,900.00
50	O.D.O.T 441 Type 1 Asphalt Concrete Surface (448), SC-122	C.Y.	450	\$174.00	\$78,300.00	\$187.00	\$84,150.00	\$183.60	\$82,620.00	\$172.00	\$77,400.00
51	Reclamite Asphalt Rejuvenation Agent, Penetrating Sealer, SC-124	S.Y.	10,500	\$0.96	\$10,080.00	\$1.10	\$11,550.00	\$1.08	\$11,340.00	\$1.05	\$11,025.00
52	Pavement Overlay Fabric Composite, GlasGrid CG200 or approved equal, SC-166	S.Y.	200	\$25.00	\$5,000.00	\$40.00	\$8,000.00	\$38.88	\$7,776.00	\$37.00	\$7,400.00
53	Double Chip Seal with Polymer Binder and Cover Aggregate No. 8, SC-151	S.Y.	10,500	\$4.20	\$44,100.00	\$4.00	\$42,000.00	\$3.78	\$39,690.00	\$3.60	\$37,800.00
	WATER WORK										
54	8" Watermain (DIP) with Polyethylene Encasement and Premium Backfill to Subgrade, Complete in Place, SC-150	L.F.	500	\$50.00	\$25,000.00	\$101.00	\$50,500.00	\$120.18	\$60,090.00	\$92.25	\$46,125.00
55	12" Watermain (DIP) with Polyethylene Encasement and Premium Backfill to Subgrade, Complete in Place, SC-150	L.F.	4,200	\$130.00	\$546,000.00	\$120.00	\$504,000.00	\$108.31	\$454,902.00	\$112.00	\$470,400.00
56	12" X 12" Tee, Complete in Place, SC-150	Ea.	2	\$700.00	\$1,400.00	\$1,203.00	\$2,406.00	\$628.60	\$1,257.20	\$690.00	\$1,380.00
57	12" X 8" Tee, Complete in Place, SC-150	Ea.	4	\$700.00	\$2,800.00	\$1,044.00	\$4,176.00	\$525.93	\$2,103.72	\$660.00	\$2,640.00
58	12" x 6" Hydrant Tee, Complete in Place, SC-150	Ea.	14	\$500.00	\$7,000.00	\$600.00	\$8,400.00	\$474.61	\$6,644.54	\$560.00	\$7,840.00

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				COST/UNIT	TOTAL COST	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID
59	6" Watermain (DIP) with Polyethylene Encasement and Premium Backfill to Subgrade, Complete in Place, SC-150	L.F.	200	\$20.00	\$4,000.00	\$75.00	\$15,000.00	\$80.94	\$16,188.00	\$96.00	\$19,200.00
60	6" Hydrant Valve, Complete in Place SC-150	Ea.	14	\$800.00	\$11,200.00	\$970.00	\$13,580.00	\$735.85	\$10,301.90	\$820.00	\$11,480.00
61	6" Hydrant, Complete in Place, SC-150	Ea.	14	\$4,000.00	\$56,000.00	\$3,078.00	\$43,092.00	\$3,571.20	\$49,996.80	\$3,600.00	\$50,400.00
62	Cut Out Ex. Tee and Install 12" Spool, SC-150	Ea.	1	\$3,000.00	\$3,000.00	\$4,405.00	\$4,405.00	\$6,793.30	\$6,793.30	\$4,600.00	\$4,600.00
63	8" - 22½° Bend, Complete in Place, SC-150	Ea.	8	\$200.00	\$1,600.00	\$692.00	\$5,536.00	\$224.69	\$1,797.52	\$1,150.00	\$9,200.00
64	8" - 45° Bend, Complete in Place, SC-150	Ea.	3	\$200.00	\$600.00	\$694.00	\$2,082.00	\$226.67	\$680.01	\$1,135.00	\$3,405.00
65	12" - 22½° Bend, Complete in Place, SC-150	Ea.	26	\$250.00	\$6,500.00	\$925.00	\$24,050.00	\$378.54	\$9,842.04	\$712.00	\$18,512.00
66	12" - 45° Bend, Complete in Place, SC-150	Ea.	5	\$400.00	\$2,000.00	\$997.00	\$4,985.00	\$399.13	\$1,995.65	\$1,275.00	\$6,375.00
67	Chlorination Pit, Complete in Place, SC-150	Ea.	3	\$200.00	\$600.00	\$1,366.00	\$4,098.00	\$616.00	\$1,848.00	\$1,440.00	\$4,320.00
68	Test and Chlorinate Watermain, Complete, SC-150	L.S.	1	\$4,000.00	\$4,000.00	\$6,251.00	\$6,251.00	\$7,050.00	\$7,050.00	\$8,875.00	\$8,875.00
69	8" Dia. Resilient Seated Gate Valve and Box, Complete in Place, SC-150	Ea.	8	\$1,000.00	\$8,000.00	\$1,270.00	\$10,160.00	\$1,092.15	\$8,737.20	\$1,160.00	\$9,280.00
70	12" Dia. Resilient Seated Gate Valve and Box, Complete in Place, SC-150	Ea.	10	\$2,000.00	\$20,000.00	\$2,345.00	\$23,450.00	\$1,975.51	\$19,755.10	\$1,995.00	\$19,950.00
71	1" Vertical Hydrant Extension as Directed by the Engineer, Complete In Place, SC-150	Ea.	1	\$1,000.00	\$1,000.00	\$601.00	\$601.00	\$581.40	\$581.40	\$820.00	\$820.00
72	Remove Existing Hydrant, Valve Box and Plug Complete, SC-150	Ea.	14	\$100.00	\$1,400.00	\$583.00	\$8,162.00	\$150.00	\$2,100.00	\$425.00	\$5,950.00
73	Remove Existing Gate Valve Complete, SC-150	Ea.	12	\$50.00	\$600.00	\$255.00	\$3,060.00	\$150.00	\$1,800.00	\$155.00	\$1,860.00
74	Bulkhead Existing Watermain Complete, SC-150	Ea.	5	\$300.00	\$1,500.00	\$1,842.00	\$9,210.00	\$150.00	\$750.00	\$402.00	\$2,010.00
75	Connect to Existing Watermain, SC-150	Ea.	6	\$3,000.00	\$18,000.00	\$935.00	\$5,610.00	\$5,781.56	\$34,689.36	\$5,725.00	\$34,350.00
76	Retap and Reconnect 1" Water Connection(short side), SC-146, SC-150	Ea.	32	\$1,400.00	\$44,800.00	\$1,236.00	\$39,552.00	\$1,600.33	\$51,210.56	\$1,150.00	\$36,800.00
77	Retap and Reconnect 1.5" Water Connection (short side), SC-146, SC-150	Ea.	1	\$1,500.00	\$1,500.00	\$1,840.00	\$1,840.00	\$3,172.71	\$3,172.71	\$1,505.00	\$1,505.00
78	Retap and Reconnect 2" Water Connection (short side), SC-146, SC-150	Ea.	1	\$2,400.00	\$2,400.00	\$2,361.00	\$2,361.00	\$4,218.82	\$4,218.82	\$2,495.00	\$2,495.00
79	Retap and Reconnect 1" Water Connection(long side), Pulled or Jacked Under Pavement Complete in Place, SC-146, SC-150	Ea.	38	\$1,700.00	\$64,600.00	\$1,813.00	\$68,894.00	\$2,549.65	\$96,886.70	\$2,150.00	\$81,700.00

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80	Retap and Reconnect 1.5" Water Connection (long side), Pulled or Jacked Under Pavement Complete in Place, SC-146, SC-150	Ea.	1	\$1,800.00	\$1,800.00	\$2,376.00	\$2,376.00	\$4,815.44	\$4,815.44	\$4,105.00	\$4,105.00
81	Retap and Reconnect 2" Water Connection (long side), Pulled or Jacked Under Pavement Complete in Place, SC-146, SC-150	Ea.	1	\$2,400.00	\$2,400.00	\$3,000.00	\$3,000.00	\$5,136.88	\$5,136.88	\$4,330.00	\$4,330.00
82	New 1" Water Connection, SC-146, SC-150 Short	Ea.	2	\$1,200.00	\$2,400.00	\$1,350.00	\$2,700.00	\$1,927.13	\$3,854.26	\$1,630.00	\$3,260.00
83	Furnish and Remove Temporary Flushing Assembly, Complete SC-150	Ea.	3	\$1,000.00	\$3,000.00	\$1,425.00	\$4,275.00	\$1,937.93	\$5,813.79	\$1,755.00	\$5,265.00
84	Remove Existing Watermain Complete SC-150	L.F.	50	\$30.00	\$1,500.00	\$10.00	\$500.00	\$10.00	\$500.00	\$24.00	\$1,200.00
85	1' Gate Valve Extension, As Directed by the Engineer, Complete in Place, SC-150	Ea.	2	\$70.00	\$140.00	\$183.00	\$366.00	\$134.52	\$269.04	\$175.00	\$350.00
86	Cleveland Water Department Fees SC-150	Allow.	1	\$11,600.75	\$11,600.75	\$11,600.75	\$11,600.75	\$11,600.75	\$11,600.75	\$11,600.75	\$11,600.75
87	Concrete Masonry, SC-174	C.Y.	2	\$400.00	\$800.00	\$330.00	\$660.00	\$316.00	\$632.00	\$880.00	\$1,760.00
88	Water Connection Replacement (Private Side), SC-147	L.F.	150	\$30.00	\$4,500.00	\$39.00	\$5,850.00	\$51.95	\$7,792.50	\$67.50	\$10,125.00
89	Steel Pipe Casing, SC-179	L.F.	25	\$200.00	\$5,000.00	\$820.00	\$20,500.00	\$131.00	\$3,275.00	\$143.00	\$3,575.00
90	Minimum 12" Thick Witcolite or Equal Frost Protection, SC-150	L.F.	25	\$25.00	\$625.00	\$6.00	\$150.00	\$169.16	\$4,229.00	\$205.00	\$5,125.00
TRAFFIC CONTROL											
91	Item 642 - Edge Line, Type 1, SC-132	Mi.	1.60	\$500.00	\$800.00	\$550.00	\$880.00	\$540.00	\$864.00	\$505.00	\$808.00
92	Item 642 - Center Line, Double, Solid, SC-132	Mi.	0.8	\$1,000.00	\$800.00	\$1,100.00	\$880.00	\$1,080.00	\$864.00	\$1,010.00	\$808.00
93	Item 642 - Stop Line, SC-132	L.F.	60	\$3.95	\$237.00	\$5.00	\$300.00	\$4.27	\$256.20	\$4.00	\$240.00
94	Item 642 - Crosswalk Line, SC-132	L.F.	300	\$2.55	\$765.00	\$3.00	\$900.00	\$2.75	\$825.00	\$2.75	\$825.00
95	Item 630- Grounds Mounted Support, No 3 Post	Ft.	20	\$12.50	\$250.00	\$14.00	\$280.00	\$13.50	\$270.00	\$12.75	\$255.00
96	Detector Loop, SC-162	Ea.	1	\$1,000.00	\$1,000.00	\$1,650.00	\$1,650.00	\$2,160.00	\$2,160.00	\$1,111.00	\$1,111.00
LANDSCAPING											

BASSETT ROAD WATERLINE AND ROADWAY REHABILITATION

Bid Opening Date March 26, 2020

Bassett Rd Waterline Replacement and Roadway Rehab

LOCATION: Hilliard Blvd to Dover Center

Engineers Estimate \$2,300,000.00

LINE NO.	DESCRIPTION	UNIT	EST. QUAN	Underground Utilities		Bova Excavation		Fabrizi Trucking		Digioia Suburban	
				COST/UNIT	TOTAL COST	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID
97	Seeding and Mulching-Site Restoration Including Topsoil and Grading SC-133	S.Y.	7,500	\$1.00	\$7,500.00	\$5.00	\$37,500.00	\$8.05	\$60,375.00	\$7.65	\$57,375.00
98	Blue Spruce Evergreen, 6' Height (Picea Pungens "Fat Albert")	Ea.	25	\$650.00	\$16,250.00	\$380.00	\$9,500.00	\$410.40	\$10,260.00	\$499.00	\$12,475.00
99	Erosion Control Mat, Type C, SC-170	S.Y.	200	\$10.00	\$2,000.00	\$6.00	\$1,200.00	\$3.16	\$632.00	\$3.05	\$610.00
100	Wildflower Seed Mix	S.Y.	200	\$1.00	\$200.00	\$3.00	\$600.00	\$6.40	\$1,280.00	\$8.25	\$1,650.00
101	Ditch Re-Grading, As Per Plan, SC-168	L.F.	100	\$6.00	\$600.00	\$10.00	\$1,000.00	\$27.00	\$2,700.00	\$7.75	\$775.00
102	Linear Grading, As Directed by the Engineer, SC-158	S.Y.	100	\$6.00	\$600.00	\$10.00	\$1,000.00	\$12.00	\$1,200.00	\$22.00	\$2,200.00
MAINTENANCE OF TRAFFIC											
103	Maintaining Traffic, SC-128	L.S.	1	\$2,000.00	\$2,000.00	\$72,200.00	\$72,200.00	\$45,250.00	\$45,250.00	\$34,100.00	\$34,100.00
104	Asphalt Concrete for Maintaining Traffic, SC-128	C.Y.	25	\$200.00	\$5,000.00	\$224.00	\$5,600.00	\$241.00	\$6,025.00	\$255.00	\$6,375.00
MISCELLANEOUS											
105	Clearing and Grubing (Water Main in Easement to Brigadoon)	L.S.	1	\$3,000.00	\$3,000.00	\$7,920.00	\$7,920.00	\$7,776.00	\$7,776.00	\$7,850.00	\$7,850.00
106	Mobilization, SC-131	L.S.	1	\$155,000.00	\$155,000.00	\$48,695.00	\$48,695.00	\$116,720.08	\$116,720.08	\$74,000.00	\$74,000.00
107	Bonds and Insurance SC-113	L.S.	1	\$30,000.00	\$30,000.00	\$24,940.00	\$24,940.00	\$20,520.00	\$20,520.00	\$18,410.00	\$18,410.00
108	Spot Existing Utility, As Directed	Ea.	4	\$400.00	\$1,600.00	\$250.00	\$1,000.00	\$350.00	\$1,400.00	\$1,250.00	\$5,000.00
109	Construction Layout Stakes and As-Built Drawings, SC-130	L.S.	1	\$7,000.00	\$7,000.00	\$12,675.00	\$12,675.00	\$15,837.12	\$15,837.12	\$19,400.00	\$19,400.00
110	Sanitary Manhole Plugs	Ea.	100	\$20.00	\$2,000.00	\$33.00	\$3,300.00	\$10.80	\$1,080.00	\$6.50	\$650.00
111	Sanitary Grade Ring Sealing	Ea.	20	\$500.00	\$10,000.00	\$21.00	\$420.00	\$648.00	\$12,960.00	\$389.00	\$7,780.00
112	Misc. Metal as Directed by the Engineer, SC-157	Lbs.	2,500	\$2.00	\$5,000.00	\$2.20	\$5,500.00	\$1.62	\$4,050.00	\$2.50	\$6,250.00

BASSETT ROAD WATERLINE AND ROADWAY REHABILITATION

Bid Opening Date March 26, 2020

Bassett Rd Waterline Replacement and Roadway Rehab

LOCATION: Hilliard Blvd to Dover Center

Engineers Estimate \$2,300,000.00

LINE NO.	DESCRIPTION	UNIT	EST. QUAN	Underground Utilities		Bova Excavation		Fabrizi Trucking		Digioia Suburban	
				COST/UNIT	TOTAL COST	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID
ADDITIONAL ITEMS 113-116 TO BE USED AS DIRECTED BY THE ENGINEER											
113	Foremen	Hours	250	\$75.00	\$18,750.00	\$75.00	\$18,750.00	\$75.00	\$18,750.00	\$75.00	\$18,750.00
114	Labor	Hours	300	\$40.00	\$12,000.00	\$40.00	\$12,000.00	\$40.00	\$12,000.00	\$40.00	\$12,000.00
115	Operator	Hours	250	\$60.00	\$15,000.00	\$60.00	\$15,000.00	\$60.00	\$15,000.00	\$60.00	\$15,000.00
116	Miscellaneous Equipment (Trucks, Backhoe, Etc. Incl. Fuel)	Hours	250	\$100.00	\$25,000.00	\$100.00	\$25,000.00	\$100.00	\$25,000.00	\$100.00	\$25,000.00
TOTAL BASE BID (1-116)						\$1,832,794.00		\$2,103,948.75		\$2,119,503.95	\$2,131,787.25

LINE NO.	ALTERNATE BID ITEMS*	UNIT	EST. QUAN	Underground Utilites		Bova Excavation		Fabrizi Trucking		Digioia Suburban	
				COST/UNIT	TOTAL COST	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID
117	8" Watermain (PVC) and Premium Backfill to Subgrade, Complete in Place, SC-176 (Alternate for 8" Watermain DIP)	L.F.	500	\$34.42	\$17,210.00	\$83.00	\$41,500.00	\$104.20	\$52,100.00	\$76.00	\$38,000.00
118	12" Watermain (PVC) and Premium Backfill to Subgrade, Complete in Place, SC-176 (Alternate for 12" Watermain DIP)	L.F.	4,200	\$108.00	\$453,600.00	\$95.00	\$399,000.00	\$89.45	\$375,690.00	\$91.25	\$383,250.00
119	Item 255 - Full Depth Pavement Removal & Rigid Replacement, Class"MS", T=9", Trench Repair, SC-119 (Alternate for Flexible Pavement Repair)	S.Y.	3,750	\$71.88	\$269,550.00	\$87.00	\$326,250.00	\$73.18	\$274,425.00	\$74.00	\$277,500.00

Alternate Bid Notes*:

Contractor shall bid full amount for this work.

Engineer reserves the right to determine lowest bid, with or without the alternates being considered.

BASSETT ROAD WATERLINE AND ROADWAY REHABILITATION

Bid Opening Date March 26, 2020

Bassett Rd Waterline Replacement and Roadway Rehab

LOCATION: Hilliard Blvd to Dover Center

Engineers Estimate \$2,300,000.00

LINE NO.	DESCRIPTION	UNIT	EST. QUAN	Mr. Excavator		Trax Corp		Fechko		Tri Mor Corp		Perk Co	
				COST/UNIT	TOTAL COST	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID
	ROADWAY												
1	Excavation, As Directed, SC-156	C.Y.	50	\$23.86	\$1,193.00	\$26.00	\$1,300.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$25.00	\$1,250.00
2	Embankment Construction, As Directed, SC-156	C.Y.	50	\$9.62	\$481.00	\$33.00	\$1,650.00	\$17.00	\$850.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00
3	Item 204 - Subgrade Compaction, As Per Plan, SC-126	S.Y.	100	\$2.04	\$204.00	\$10.00	\$1,000.00	\$13.00	\$1,300.00	\$2.00	\$200.00	\$2.00	\$200.00
4	Additional Premium Backfill as Directed, SC-139	C.Y.	50	\$65.73	\$3,286.50	\$60.00	\$3,000.00	\$65.00	\$3,250.00	\$60.00	\$3,000.00	\$75.00	\$3,750.00
	EROSION CONTROL												
5	Dust Control, SC-128	L.S.	1	\$12,000.00	\$12,000.00	\$3,500.00	\$3,500.00	\$2,900.00	\$2,900.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
6	Temporary Sediment and Erosion Control, SC-137	L.S.	1	\$25,026.00	\$25,026.00	\$25,549.00	\$25,549.00	\$8,938.53	\$8,938.53	\$15,000.00	\$15,000.00	\$5,500.00	\$5,500.00
	DRAINAGE												
7	Storm Structure Removed, SC-114	Ea.	5	\$982.32	\$4,911.60	\$700.00	\$3,500.00	\$350.00	\$1,750.00	\$300.00	\$1,500.00	\$500.00	\$2,500.00
8	Storm Sewer Removed, As Directed, SC-114	L.F.	30	\$81.10	\$2,433.00	\$43.00	\$1,290.00	\$15.00	\$450.00	\$25.00	\$750.00	\$35.00	\$1,050.00
9	Catch Basin 2-2-A, As Directed, SC-125	Ea.	1	\$2,149.94	\$2,149.94	\$1,400.00	\$1,400.00	\$1,750.00	\$1,750.00	\$1,700.00	\$1,700.00	\$4,500.00	\$4,500.00
10	Catch Basin 2-2-B, As Directed, SC-125	Ea.	1	\$2,149.94	\$2,149.94	\$1,400.00	\$1,400.00	\$1,750.00	\$1,750.00	\$1,700.00	\$1,700.00	\$4,800.00	\$4,800.00
11	Yard Drain, As Directed, SC-164	Ea.	2	\$1,799.87	\$3,599.74	\$1,575.00	\$3,150.00	\$1,200.00	\$2,400.00	\$1,500.00	\$3,000.00	\$750.00	\$1,500.00
12	Manhole Adjusted to Grade, As per plan, SC-125	Ea.	45	\$1,080.63	\$48,628.35	\$500.00	\$22,500.00	\$800.00	\$36,000.00	\$600.00	\$27,000.00	\$750.00	\$33,750.00
13	Manhole Reconstructed to Grade, As per plan, SC-125	Ea.	5	\$1,615.63	\$8,078.15	\$765.00	\$3,825.00	\$1,700.00	\$8,500.00	\$1,300.00	\$6,500.00	\$1,100.00	\$5,500.00
14	Catch Basin or Inlet Adjusted to Grade, As per plan, SC-125	Ea.	10	\$967.68	\$9,676.80	\$425.00	\$4,250.00	\$800.00	\$8,000.00	\$850.00	\$8,500.00	\$750.00	\$7,500.00
15	Storm Manhole, As Directed, SC-125	Ea.	4	\$4,071.15	\$16,284.60	\$2,375.00	\$9,500.00	\$2,500.00	\$10,000.00	\$3,100.00	\$12,400.00	\$5,500.00	\$22,000.00
16	Catch Basin or Inlet Reconstructed to Grade, As per plan, SC-125	Ea.	3	\$1,132.43	\$3,397.29	\$725.00	\$2,175.00	\$1,500.00	\$4,500.00	\$1,100.00	\$3,300.00	\$1,100.00	\$3,300.00
17	Monument Box Adjusted to Grade, As per plan, SC-125	Ea.	7	\$300.00	\$2,100.00	\$400.00	\$2,800.00	\$550.00	\$3,850.00	\$275.00	\$1,925.00	\$850.00	\$5,950.00
18	Monument Box-Reference Removal and Replacement, As Directed by the Engineer SC-136	Ea.	1	\$822.69	\$822.69	\$750.00	\$750.00	\$600.00	\$600.00	\$585.00	\$585.00	\$850.00	\$850.00
19	6" Dia. Storm/Sanitary Sewer w/Low Strength Mortar Backfill, Type 2, As Directed SC-135	L.F.	25	\$163.60	\$4,090.00	\$100.00	\$2,500.00	\$110.00	\$2,750.00	\$165.00	\$4,125.00	\$235.00	\$5,875.00
20	6" Dia. Storm/Sanitary Sewer w/ Regular Backfill, As Directed SC-135	L.F.	25	\$75.18	\$1,879.50	\$55.00	\$1,375.00	\$53.00	\$1,325.00	\$75.00	\$1,875.00	\$125.00	\$3,125.00

BASSETT ROAD WATERLINE AND ROADWAY REHABILITATION

Bid Opening Date March 26, 2020

Bassett Rd Waterline Replacement and Roadway Rehab

LOCATION: Hilliard Blvd to Dover Center

Engineers Estimate \$2,300,000.00

LINE NO.	DESCRIPTION	UNIT	EST. QUAN	Mr. Excavator		Trax Corp		Fechko		Tri Mor Corp		Perk Co	
				COST/UNIT	TOTAL COST	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID
21	6" Dia. Storm/Sanitary Sewer w/ Premium Backfill, As Directed SC-135	L.F.	50	\$126.03	\$6,301.50	\$80.00	\$4,000.00	\$67.00	\$3,350.00	\$120.00	\$6,000.00	\$145.00	\$7,250.00
22	8" Dia. Storm Sewer w/Low Strength Mortar Backfill, Type 2, As Directed SC-135	L.F.	25	\$164.58	\$4,114.50	\$155.00	\$3,875.00	\$115.00	\$2,875.00	\$160.00	\$4,000.00	\$245.00	\$6,125.00
23	8" Dia. Storm Sewer w/ Premium Backfill, As Directed SC-135	L.F.	50	\$127.76	\$6,388.00	\$83.00	\$4,150.00	\$70.00	\$3,500.00	\$125.00	\$6,250.00	\$135.00	\$6,750.00
24	10" Dia. Storm Sewer w/ Premium Backfill, As Directed SC-135	L.F.	25	\$129.53	\$3,238.25	\$160.00	\$4,000.00	\$105.00	\$2,625.00	\$130.00	\$3,250.00	\$516.00	\$12,900.00
25	12" Dia. Storm Sewer w/ Premium Backfill, As Directed SC-135	L.F.	200	\$131.26	\$26,252.00	\$135.00	\$27,000.00	\$85.00	\$17,000.00	\$121.00	\$24,200.00	\$241.00	\$48,200.00
26	15" Dia. Storm Sewer w/ Premium Backfill, As Directed SC-135	L.F.	25	\$134.39	\$3,359.75	\$140.00	\$3,500.00	\$90.00	\$2,250.00	\$140.00	\$3,500.00	\$340.00	\$8,500.00
27	18" Dia. Storm Sewer w/ Premium Backfill, As Directed SC-135	L.F.	275	\$140.82	\$38,725.50	\$126.00	\$34,650.00	\$105.00	\$28,875.00	\$150.00	\$41,250.00	\$140.00	\$38,500.00
28	21" Dia. Storm Sewer w/ Premium Backfill, As Directed SC-135	L.F.	190	\$167.81	\$31,883.90	\$151.00	\$28,690.00	\$150.00	\$28,500.00	\$160.00	\$30,400.00	\$135.00	\$25,650.00
29	24" Dia. Storm Sewer w/ Premium Backfill, As Directed SC-135	L.F.	20	\$174.32	\$3,486.40	\$200.00	\$4,000.00	\$250.00	\$5,000.00	\$190.00	\$3,800.00	\$515.00	\$10,300.00
30	6" Underdrain with Fabric Wrap, As Directed by the Engineer, SC-143	L.F.	20	\$33.05	\$661.00	\$15.00	\$300.00	\$50.00	\$1,000.00	\$25.00	\$500.00	\$22.00	\$440.00
31	10" Ditch Enclosure Pipe, SC-163	L.F.	25	\$65.35	\$1,633.75	\$34.00	\$850.00	\$55.00	\$1,375.00	\$47.00	\$1,175.00	\$125.00	\$3,125.00
32	12" Ditch Enclosure Pipe, SC-163	L.F.	25	\$66.09	\$1,652.25	\$40.00	\$1,000.00	\$57.00	\$1,425.00	\$50.00	\$1,250.00	\$135.00	\$3,375.00
33	Slope and Channel Protection	C.Y.	20	\$149.14	\$2,982.80	\$120.00	\$2,400.00	\$158.00	\$3,160.00	\$96.00	\$1,920.00	\$175.00	\$3,500.00
34	Fill and Plug Existing Culvert, SC-173	C.Y.	10	\$139.38	\$1,393.80	\$360.00	\$3,600.00	\$159.00	\$1,590.00	\$275.00	\$2,750.00	\$175.00	\$1,750.00
35	Headwall Modification, SC-175	L.S.	1	\$3,014.00	\$3,014.00	\$17,126.00	\$17,126.00	\$7,000.00	\$7,000.00	\$3,650.00	\$3,650.00	\$6,500.00	\$6,500.00
36	New Cleanout, Complete in Place, As Directed, SC-135	Ea.	5	\$243.98	\$1,219.90	\$151.00	\$755.00	\$400.00	\$2,000.00	\$175.00	\$875.00	\$450.00	\$2,250.00
	PAVEMENT												
37	Concrete Walk Removed SC-114	S.F.	7,700	\$0.40	\$3,080.00	\$1.50	\$11,550.00	\$1.25	\$9,625.00	\$1.00	\$7,700.00	\$1.50	\$11,550.00
38	Item 255 - Full Depth Pavement Removal & Rigid Replacement, Class"FS", T=7", SC-119	S.Y.	20	\$139.36	\$2,787.20	\$150.00	\$3,000.00	\$151.29	\$3,025.80	\$200.00	\$4,000.00	\$250.00	\$5,000.00

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LINE NO.	DESCRIPTION	UNIT	EST. QUAN	Mr. Excavator		Trax Corp		Fechko		Tri Mor Corp		Perk Co	
				COST/UNIT	TOTAL COST	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID
39	Item 255 - Full Depth Pavement Removal & Rigid Replacement, Class"MS", T=7", SC-119	S.Y.	20	\$107.48	\$2,149.60	\$140.00	\$2,800.00	\$144.60	\$2,892.00	\$115.00	\$2,300.00	\$210.00	\$4,200.00
40	Item 255 - Full Depth Pavement Removal & Rigid Replacement, Class"FS", T=9", SC-119	S.Y.	20	\$150.36	\$3,007.20	\$165.00	\$3,300.00	\$182.44	\$3,648.80	\$250.00	\$5,000.00	\$275.00	\$5,500.00
41	Item 255 - Full Depth Pavement Removal & Rigid Replacement, Class"MS", T=9", SC-119	S.Y.	20	\$118.48	\$2,369.60	\$150.00	\$3,000.00	\$175.76	\$3,515.20	\$130.00	\$2,600.00	\$230.00	\$4,600.00
42	Item 255 - Full Depth Pavement Removal & Rigid Replacement, Drive Apron Residential, Class"MS", SC-123	S.Y.	1,275	\$63.67	\$81,179.25	\$55.00	\$70,125.00	\$93.50	\$119,212.50	\$90.00	\$114,750.00	\$72.00	\$91,800.00
43	4" Concrete Walk, SC-127	S.F.	7,700	\$8.40	\$64,680.00	\$4.80	\$36,960.00	\$8.00	\$61,600.00	\$7.00	\$53,900.00	\$5.90	\$45,430.00
44	Curb Ramp, As per plan, SC-127	S.F.	320	\$16.90	\$5,408.00	\$12.00	\$3,840.00	\$21.51	\$6,883.20	\$20.00	\$6,400.00	\$35.00	\$11,200.00
45	Type 6 Curb, SC-149	L.F.	25	\$49.05	\$1,226.25	\$40.00	\$1,000.00	\$45.00	\$1,125.00	\$50.00	\$1,250.00	\$58.00	\$1,450.00
46	Pavement Planing, 4", SC-117	S.Y.	10,500	\$2.86	\$30,030.00	\$3.00	\$31,500.00	\$3.00	\$31,500.00	\$4.00	\$42,000.00	\$3.00	\$31,500.00
47	Planing of Drive Aprons, 1.5", SC-118	S.Y.	375	\$2.86	\$1,072.50	\$22.00	\$8,250.00	\$21.00	\$7,875.00	\$25.00	\$9,375.00	\$21.00	\$7,875.00
48	Flexible Pavement Repair, SC-116	C.Y.	3,750	\$45.78	\$171,675.00	\$45.00	\$168,750.00	\$42.00	\$157,500.00	\$65.00	\$243,750.00	\$42.00	\$157,500.00
49	O.D.O.T 441 Type 2 Asphalt Concrete Intermediate (448), SC-122	C.Y.	450	\$152.60	\$68,670.00	\$143.00	\$64,350.00	\$140.00	\$63,000.00	\$155.00	\$69,750.00	\$140.00	\$63,000.00
50	O.D.O.T 441 Type 1 Asphalt Concrete Surface (448), SC-122	C.Y.	450	\$185.30	\$83,385.00	\$175.00	\$78,750.00	\$170.00	\$76,500.00	\$190.00	\$85,500.00	\$170.00	\$76,500.00
51	Reclamite Asphalt Rejuvenation Agent, Penetrating Sealer, SC-124	S.Y.	10,500	\$1.09	\$11,445.00	\$1.00	\$10,500.00	\$1.00	\$10,500.00	\$1.25	\$13,125.00	\$1.00	\$10,500.00
52	Pavement Overlay Fabric Composite, GlasGrid CG200 or approved equal, SC-166	S.Y.	200	\$39.24	\$7,848.00	\$37.00	\$7,400.00	\$36.00	\$7,200.00	\$40.00	\$8,000.00	\$36.00	\$7,200.00
53	Double Chip Seal with Polymer Binder and Cover Aggregate No. 8, SC-151	S.Y.	10,500	\$3.82	\$40,110.00	\$4.00	\$42,000.00	\$3.50	\$36,750.00	\$4.00	\$42,000.00	\$3.50	\$36,750.00
WATER WORK													
54	8" Watermain (DIP) with Polyethylene Encasement and Premium Backfill to Subgrade, Complete in Place, SC-150	L.F.	500	\$109.03	\$54,515.00	\$89.00	\$44,500.00	\$103.00	\$51,500.00	\$95.00	\$47,500.00	\$102.00	\$51,000.00
55	12" Watermain (DIP) with Polyethylene Encasement and Premium Backfill to Subgrade, Complete in Place, SC-150	L.F.	4,200	\$124.68	\$523,656.00	\$106.00	\$445,200.00	\$124.00	\$520,800.00	\$132.00	\$554,400.00	\$118.40	\$497,280.00
56	12" X 12" Tee, Complete in Place, SC-150	Ea.	2	\$616.79	\$1,233.58	\$928.00	\$1,856.00	\$1,700.00	\$3,400.00	\$1,415.00	\$2,830.00	\$575.00	\$1,150.00
57	12" X 8" Tee, Complete in Place, SC-150	Ea.	4	\$483.99	\$1,935.96	\$928.00	\$3,712.00	\$1,562.00	\$6,248.00	\$1,200.00	\$4,800.00	\$575.00	\$2,300.00
58	12" x 6" Hydrant Tee, Complete in Place, SC-150	Ea.	14	\$653.08	\$9,143.12	\$928.00	\$12,992.00	\$1,503.00	\$21,042.00	\$950.00	\$13,300.00	\$430.00	\$6,020.00

BASSETT ROAD WATERLINE AND ROADWAY REHABILITATION

Bid Opening Date March 26, 2020

Bassett Rd Waterline Replacement and Roadway Rehab

LOCATION: Hilliard Blvd to Dover Center

Engineers Estimate \$2,300,000.00

LINE NO.	DESCRIPTION	UNIT	EST. QUAN	Mr. Excavator		Trax Corp		Fechko		Tri Mor Corp		Perk Co	
				COST/UNIT	TOTAL COST	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID
59	6" Watermain (DIP) with Polyethylene Encasement and Premium Backfill to Subgrade, Complete in Place, SC-150	L.F.	200	\$100.89	\$20,178.00	\$75.00	\$15,000.00	\$112.00	\$22,400.00	\$94.00	\$18,800.00	\$110.00	\$22,000.00
60	6" Hydrant Valve, Complete in Place SC-150	Ea.	14	\$862.68	\$12,077.52	\$2,800.00	\$39,200.00	\$1,306.00	\$18,284.00	\$1,225.00	\$17,150.00	\$750.00	\$10,500.00
61	6" Hydrant, Complete in Place, SC-150	Ea.	14	\$3,106.50	\$43,491.00	\$6,406.00	\$89,684.00	\$3,940.00	\$55,160.00	\$3,650.00	\$51,100.00	\$4,456.00	\$62,384.00
62	Cut Out Ex. Tee and Install 12" Spool, SC-150	Ea.	1	\$1,771.46	\$1,771.46	\$9,253.00	\$9,253.00	\$2,728.00	\$2,728.00	\$2,100.00	\$2,100.00	\$875.00	\$875.00
63	8" - 22½° Bend, Complete in Place, SC-150	Ea.	8	\$198.97	\$1,591.76	\$390.00	\$3,120.00	\$690.00	\$5,520.00	\$575.00	\$4,600.00	\$185.00	\$1,480.00
64	8" - 45° Bend, Complete in Place, SC-150	Ea.	3	\$201.09	\$603.27	\$390.00	\$1,170.00	\$692.00	\$2,076.00	\$575.00	\$1,725.00	\$200.00	\$600.00
65	12" - 22½° Bend, Complete in Place, SC-150	Ea.	26	\$384.55	\$9,998.30	\$590.00	\$15,340.00	\$900.00	\$23,400.00	\$827.00	\$21,502.00	\$345.00	\$8,970.00
66	12" - 45° Bend, Complete in Place, SC-150	Ea.	5	\$406.56	\$2,032.80	\$590.00	\$2,950.00	\$1,170.00	\$5,850.00	\$852.00	\$4,260.00	\$345.00	\$1,725.00
67	Chlorination Pit, Complete in Place, SC-150	Ea.	3	\$916.57	\$2,749.71	\$700.00	\$2,100.00	\$1,020.00	\$3,060.00	\$735.00	\$2,205.00	\$2,175.00	\$6,525.00
68	Test and Chlorinate Watermain, Complete, SC-150	L.S.	1	\$9,800.00	\$9,800.00	\$35,549.00	\$35,549.00	\$6,066.00	\$6,066.00	\$1,480.00	\$1,480.00	\$2,500.00	\$2,500.00
69	8" Dia. Resilient Seated Gate Valve and Box, Complete in Place, SC-150	Ea.	8	\$1,248.58	\$9,988.64	\$1,670.00	\$13,360.00	\$1,555.70	\$12,445.60	\$1,650.00	\$13,200.00	\$1,120.00	\$8,960.00
70	12" Dia. Resilient Seated Gate Valve and Box, Complete in Place, SC-150	Ea.	10	\$2,430.39	\$24,303.90	\$2,600.00	\$26,000.00	\$2,813.22	\$28,132.20	\$2,600.00	\$26,000.00	\$2,070.00	\$20,700.00
71	1" Vertical Hydrant Extension as Directed by the Engineer, Complete In Place, SC-150	Ea.	1	\$699.05	\$699.05	\$900.00	\$900.00	\$975.09	\$975.09	\$755.00	\$755.00	\$1,100.00	\$1,100.00
72	Remove Existing Hydrant, Valve Box and Plug Complete, SC-150	Ea.	14	\$557.89	\$7,810.46	\$1,200.00	\$16,800.00	\$798.92	\$11,184.88	\$435.00	\$6,090.00	\$500.00	\$7,000.00
73	Remove Existing Gate Valve Complete, SC-150	Ea.	12	\$500.00	\$6,000.00	\$600.00	\$7,200.00	\$372.58	\$4,470.96	\$215.00	\$2,580.00	\$250.00	\$3,000.00
74	Bulkhead Existing Watermain Complete, SC-150	Ea.	5	\$1,284.15	\$6,420.75	\$3,406.00	\$17,030.00	\$1,000.00	\$5,000.00	\$395.00	\$1,975.00	\$1,200.00	\$6,000.00
75	Connect to Existing Watermain, SC-150	Ea.	6	\$1,118.17	\$6,709.02	\$2,300.00	\$13,800.00	\$1,500.00	\$9,000.00	\$800.00	\$4,800.00	\$7,400.00	\$44,400.00
76	Retap and Reconnect 1" Water Connection(short side), SC-146, SC-150	Ea.	32	\$1,784.28	\$57,096.96	\$1,010.00	\$32,320.00	\$1,755.34	\$56,170.88	\$1,015.00	\$32,480.00	\$1,495.00	\$47,840.00
77	Retap and Reconnect 1.5" Water Connection (short side), SC-146, SC-150	Ea.	1	\$2,682.85	\$2,682.85	\$1,100.00	\$1,100.00	\$2,568.51	\$2,568.51	\$1,915.00	\$1,915.00	\$1,900.00	\$1,900.00
78	Retap and Reconnect 2" Water Connection (short side), SC-146, SC-150	Ea.	1	\$2,999.82	\$2,999.82	\$1,459.00	\$1,459.00	\$2,886.60	\$2,886.60	\$2,100.00	\$2,100.00	\$2,200.00	\$2,200.00
79	Retap and Reconnect 1" Water Connection(long side), Pulled or Jacked Under Pavement Complete in Place, SC-146, SC-150	Ea.	38	\$1,924.11	\$73,116.18	\$1,928.00	\$73,264.00	\$2,650.47	\$100,717.86	\$1,285.00	\$48,830.00	\$2,430.00	\$92,340.00

BASSETT ROAD WATERLINE AND ROADWAY REHABILITATION

Bid Opening Date March 26, 2020

Bassett Rd Waterline Replacement and Roadway Rehab

LOCATION: Hilliard Blvd to Dover Center

Engineers Estimate \$2,300,000.00

LINE NO.	DESCRIPTION	UNIT	EST. QUAN.	Mr. Excavator		Trax Corp		Fechko		Tri Mor Corp		Perk Co	
				COST/UNIT	TOTAL COST	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID
80	Retap and Reconnect 1.5" Water Connection (long side), Pulled or Jacked Under Pavement Complete in Place, SC-146, SC-150	Ea.	1	\$2,879.63	\$2,879.63	\$2,000.00	\$2,000.00	\$4,101.90	\$4,101.90	\$1,800.00	\$1,800.00	\$3,200.00	\$3,200.00
81	Retap and Reconnect 2" Water Connection (long side), Pulled or Jacked Under Pavement Complete in Place, SC-146, SC-150	Ea.	1	\$3,247.12	\$3,247.12	\$2,500.00	\$2,500.00	\$4,493.30	\$4,493.30	\$2,200.00	\$2,200.00	\$3,300.00	\$3,300.00
82	New 1" Water Connection, SC-146, SC-150 Short	Ea.	2	\$1,920.07	\$3,840.14	\$1,200.00	\$2,400.00	\$2,529.74	\$5,059.48	\$1,050.00	\$2,100.00	\$1,575.00	\$3,150.00
83	Furnish and Remove Temporary Flushing Assembly, Complete SC-150	Ea.	3	\$1,435.08	\$4,305.24	\$2,500.00	\$7,500.00	\$1,137.47	\$3,412.41	\$1,700.00	\$5,100.00	\$1,700.00	\$5,100.00
84	Remove Existing Watermain Complete SC-150	L.F.	50	\$84.90	\$4,245.00	\$18.00	\$900.00	\$49.68	\$2,484.00	\$12.50	\$625.00	\$45.00	\$2,250.00
85	1' Gate Valve Extension, As Directed by the Engineer, Complete in Place, SC-150	Ea.	2	\$177.66	\$355.32	\$155.00	\$310.00	\$236.37	\$472.74	\$420.00	\$840.00	\$150.00	\$300.00
86	Cleveland Water Department Fees SC-150	Allow.	1	\$11,600.75	\$11,600.75	\$11,600.75	\$11,600.75	\$11,600.75	\$11,600.75	\$11,600.75	\$11,600.75	\$11,600.75	\$11,600.75
87	Concrete Masonry, SC-174	C.Y.	2	\$879.34	\$1,758.68	\$600.00	\$1,200.00	\$440.00	\$880.00	\$350.00	\$700.00	\$350.00	\$700.00
88	Water Connection Replacement (Private Side), SC-147	L.F.	150	\$80.59	\$12,088.50	\$20.00	\$3,000.00	\$44.00	\$6,600.00	\$440.00	\$66,000.00	\$39.85	\$5,977.50
89	Steel Pipe Casing, SC-179	L.F.	25	\$667.83	\$16,695.75	\$455.00	\$11,375.00	\$250.00	\$6,250.00	\$150.00	\$3,750.00	\$1,150.00	\$28,750.00
90	Minimum 12" Thick Witcolite or Equal Frost Protection, SC-150	L.F.	25	\$925.20	\$23,130.00	\$120.00	\$3,000.00	\$250.00	\$6,250.00	\$450.00	\$11,250.00	\$75.00	\$1,875.00
	TRAFFIC CONTROL												
91	Item 642 - Edge Line, Type 1, SC-132	Mi.	1.60	\$545.00	\$872.00	\$415.00	\$664.00	\$500.00	\$800.00	\$550.00	\$880.00	\$1,100.00	\$1,760.00
92	Item 642 - Center Line, Double, Solid, SC-132	Mi.	0.8	\$1,090.00	\$872.00	\$892.00	\$713.60	\$1,000.00	\$800.00	\$1,100.00	\$880.00	\$1,800.00	\$1,440.00
93	Item 642 - Stop Line, SC-132	L.F.	60	\$4.31	\$258.60	\$4.00	\$240.00	\$3.95	\$237.00	\$4.50	\$270.00	\$4.00	\$240.00
94	Item 642 - Crosswalk Line, SC-132	L.F.	300	\$2.78	\$834.00	\$2.00	\$600.00	\$2.55	\$765.00	\$3.00	\$900.00	\$2.25	\$675.00
95	Item 630- Grounds Mounted Support, No 3 Post	Ft.	20	\$13.63	\$272.60	\$15.00	\$300.00	\$12.50	\$250.00	\$14.00	\$280.00	\$35.00	\$700.00
96	Detector Loop, SC-162	Ea.	1	\$1,090.00	\$1,090.00	\$1,800.00	\$1,800.00	\$2,000.00	\$2,000.00	\$1,650.00	\$1,650.00	\$1,500.00	\$1,500.00
	LANDSCAPING												

BASSETT ROAD WATERLINE AND ROADWAY REHABILITATION

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LOCATION: Hilliard Blvd to Dover Center

Engineers Estimate \$2,300,000.00

LINE NO.	DESCRIPTION	UNIT	EST. QUAN.	Mr. Excavator		Trax Corp		Fechko		Tri Mor Corp		Perk Co	
				COST/UNIT	TOTAL COST	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID
97	Seeding and Mulching-Site Restoration Including Topsoil and Grading SC-133	S.Y.	7,500	\$6.42	\$48,150.00	\$5.50	\$41,250.00	\$9.98	\$74,850.00	\$6.00	\$45,000.00	\$8.65	\$64,875.00
98	Blue Spruce Evergreen, 6' Height (Picea Pungens "Fat Albert")	Ea.	25	\$537.98	\$13,449.50	\$268.00	\$6,700.00	\$314.03	\$7,850.75	\$1,155.00	\$28,875.00	\$400.00	\$10,000.00
99	Erosion Control Mat, Type C, SC-170	S.Y.	200	\$3.29	\$658.00	\$10.00	\$2,000.00	\$8.79	\$1,758.00	\$4.00	\$800.00	\$8.50	\$1,700.00
100	Wildflower Seed Mix	S.Y.	200	\$8.86	\$1,772.00	\$6.00	\$1,200.00	\$6.82	\$1,364.00	\$2.00	\$400.00	\$9.50	\$1,900.00
101	Ditch Re-Grading, As Per Plan, SC-168	L.F.	100	\$50.00	\$5,000.00	\$11.00	\$1,100.00	\$12.40	\$1,240.00	\$8.00	\$800.00	\$15.00	\$1,500.00
102	Linear Grading, As Directed by the Engineer, SC-158	S.Y.	100	\$10.00	\$1,000.00	\$20.00	\$2,000.00	\$16.70	\$1,670.00	\$8.00	\$800.00	\$3.50	\$350.00
	MAINTENANCE OF TRAFFIC												
103	Maintaining Traffic, SC-128	L.S.	1	\$11,990.00	\$11,990.00	\$99,406.00	\$99,406.00	\$75,076.00	\$75,076.00	\$67,200.00	\$67,200.00	\$99,600.00	\$99,600.00
104	Asphalt Concrete for Maintaining Traffic, SC-128	C.Y.	25	\$272.50	\$6,812.50	\$81.00	\$2,025.00	\$200.00	\$5,000.00	\$250.00	\$6,250.00	\$350.00	\$8,750.00
	MISCELLANEOUS												
105	Clearing and Grubing (Water Main in Easement to Brigadoon)	L.S.	1	\$10,682.00	\$10,682.00	\$48,835.00	\$48,835.65	\$10,241.25	\$10,241.25	\$8,000.00	\$8,000.00	\$7,500.00	\$7,500.00
106	Mobilization, SC-131	L.S.	1	\$44,644.19	\$44,644.19	\$125,555.00	\$125,555.00	\$55,000.00	\$55,000.00	\$27,500.00	\$27,500.00	\$78,102.00	\$78,102.00
107	Bonds and Insurance SC-113	L.S.	1	\$25,070.00	\$25,070.00	\$25,000.00	\$25,000.00	\$28,995.10	\$28,995.10	\$30,000.00	\$30,000.00	\$27,500.00	\$27,500.00
108	Spot Existing Utility, As Directed	Ea.	4	\$3,147.07	\$12,588.28	\$525.00	\$2,100.00	\$400.00	\$1,600.00	\$900.00	\$3,600.00	\$850.00	\$3,400.00
109	Construction Layout Stakes and As-Built Drawings, SC-130	L.S.	1	\$7,500.00	\$7,500.00	\$15,000.00	\$15,000.00	\$22,900.00	\$22,900.00	\$12,750.00	\$12,750.00	\$12,500.00	\$12,500.00
110	Sanitary Manhole Plugs	Ea.	100	\$84.12	\$8,412.00	\$7.00	\$700.00	\$26.25	\$2,625.00	\$26.00	\$2,600.00	\$25.00	\$2,500.00
111	Sanitary Grade Ring Sealing	Ea.	20	\$129.50	\$2,590.00	\$300.00	\$6,000.00	\$915.64	\$18,312.80	\$75.00	\$1,500.00	\$500.00	\$10,000.00
112	Misc. Metal as Directed by the Engineer, SC-157	Lbs.	2,500	\$4.73	\$11,825.00	\$1.50	\$3,750.00	\$1.32	\$3,300.00	\$2.00	\$5,000.00	\$2.00	\$5,000.00

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LOCATION: Hilliard Blvd to Dover Center

Engineers Estimate \$2,300,000.00

LINE NO.	DESCRIPTION	UNIT	EST. QUAN.	Mr. Excavator		Trax Corp		Fechko		Tri Mor Corp		Perk Co	
				COST/UNIT	TOTAL COST	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID
	ADDITIONAL ITEMS 113-116 TO BE USED AS DIRECTED BY THE ENGINEER												
113	Foremen	Hours	250	\$75.00	\$18,750.00	\$75.00	\$18,750.00	\$75.00	\$18,750.00	\$75.00	\$18,750.00	\$75.00	\$18,750.00
114	Labor	Hours	300	\$40.00	\$12,000.00	\$40.00	\$12,000.00	\$40.00	\$12,000.00	\$40.00	\$12,000.00	\$40.00	\$12,000.00
115	Operator	Hours	250	\$60.00	\$15,000.00	\$60.00	\$15,000.00	\$60.00	\$15,000.00	\$60.00	\$15,000.00	\$60.00	\$15,000.00
116	Miscellaneous Equipment (Trucks, Backhoe, Etc. Incl. Fuel)	Hours	250	\$100.00	\$25,000.00	\$100.00	\$25,000.00	\$100.00	\$25,000.00	\$100.00	\$25,000.00	\$100.00	\$25,000.00
TOTAL BASE BID (1-116)					\$2,132,665.91		\$2,211,719.00		\$2,235,817.09		\$2,255,357.75		\$2,262,264.25

LINE NO.	DESCRIPTION	UNIT	EST. QUAN.	Mr. Excavator		Trax Corp		Fechko		Tri Mor		Perk Co	
				COST/UNIT	TOTAL COST	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID	COST/UNIT	TOTAL AMT. BID
	ALTERNATE BID ITEMS*												
117	8" Watermain (PVC) and Premium Backfill to Subgrade, Complete in Place, SC-176 (Alternate for 8" Watermain DIP)	L.F.	500	\$86.56	\$43,280.00	\$65.00	\$32,500.00	\$85.11	\$42,555.00	\$80.00	\$40,000.00	\$95.00	\$47,500.00
118	12" Watermain (PVC) and Premium Backfill to Subgrade, Complete in Place, SC-176 (Alternate for 12" Watermain DIP)	L.F.	4,200	\$85.81	\$360,402.00	\$82.00	\$344,400.00	\$101.58	\$426,636.00	\$110.00	\$462,000.00	\$101.00	\$424,200.00
119	Item 255 - Full Depth Pavement Removal & Rigid Replacement, Class"MS", T=9", Trench Repair, SC-119 (Alternate for Flexible Pavement Repair)	S.Y.	3,750	\$76.50	\$286,875.00	\$70.00	\$262,500.00	\$72.95	\$273,562.50	\$95.00	\$356,250.00	\$88.00	\$330,000.00

Alternate Bid Notes*:

Contractor shall bid full amount for this work.

Engineer reserves the right to determine lowest bid, with or without the alternates being considered.