

**ABSTRACT OF BIDS (5-7-07)**  
**WORTHINGTON, MINNESOTA**  
**2007 SEWER AND WATER RECONSTRUCTION**

Item No.	Item Description	Unit	Approx. Quantity	Engineer's Estimate		LARSON CRANE SERVICE, INC.		Svoboda Excavating, Inc		Midstates Utilities, Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SCHEDULE 1 - CLARY ST/MARINE AV WATER</b>											
100	Mobilization per Schedule	LS	1.0	\$14,600.00	\$14,600.00	\$6,500.00	\$6,500.00	\$3,750.00	\$3,750.00	\$14,000.00	\$14,000.00
101	8" Water Main PVC SDR 18	LF	1688.0	\$31.00	\$52,328.00	\$28.00	\$47,264.00	\$30.00	\$50,640.00	\$42.00	\$70,896.00
102	12" Water Main PVC SDR 18	LF	36.0	\$50.00	\$1,800.00	\$68.00	\$2,448.00	\$44.00	\$1,584.00	\$66.00	\$2,376.00
103	4" Sewer Repair Pipe PVC, SDR 18	LF	10.0	\$26.00	\$260.00	\$30.00	\$300.00	\$52.00	\$520.00	\$55.00	\$550.00
104	8" PVC Sewer Repair Pipe, SDR 18	LF	10.0	\$33.00	\$330.00	\$35.00	\$350.00	\$55.00	\$550.00	\$65.00	\$650.00
105	8" Storm Repair Pipe PVC, SDR 18	LF	31.0	\$33.00	\$1,023.00	\$40.00	\$1,240.00	\$55.00	\$1,705.00	\$65.00	\$2,015.00
106	24" RCP Pipe, Class III	LF	14.0	\$45.00	\$630.00	\$38.75	\$542.50	\$70.00	\$980.00	\$90.00	\$1,260.00
107	Install 8" Gate Valve	EACH	3.0	\$450.00	\$1,350.00	\$425.00	\$1,275.00	\$450.00	\$1,350.00	\$400.00	\$1,200.00
108	Install 12" Gate Valve	EACH	1.0	\$700.00	\$700.00	\$685.00	\$685.00	\$600.00	\$600.00	\$600.00	\$600.00
109	Construct Manhole for Gate Valve	EACH	3.0	\$2,800.00	\$8,400.00	\$2,900.00	\$8,700.00	\$3,000.00	\$9,000.00	\$3,300.00	\$9,900.00
110	Furnish and Install 12" Steel Casing Pipe - 10' length	LS	1.0	\$1,450.00	\$1,450.00	\$4,500.00	\$4,500.00	\$1,700.00	\$1,700.00	\$1,500.00	\$1,500.00
111	Furnish and Install 12" Steel Casing Pipe - 15' length	LS	1.0	\$2,175.00	\$2,175.00	\$6,300.00	\$6,300.00	\$2,000.00	\$2,000.00	\$1,900.00	\$1,900.00
112	Furnish and Install Water Service Connection (3/4") Copper	EACH	2.0	\$320.00	\$640.00	\$245.00	\$490.00	\$150.00	\$300.00	\$400.00	\$800.00
113	Furnish and Install Water Service Reconnection (1") Copper	EACH	1.0	\$325.00	\$325.00	\$255.00	\$255.00	\$300.00	\$300.00	\$410.00	\$410.00
114	Furnish and Install Water Service Connection (1") P.E.P.	EACH	18.0	\$325.00	\$5,850.00	\$250.00	\$4,500.00	\$300.00	\$5,400.00	\$430.00	\$7,740.00
115	Furnish and Install Water Service (3/4") (<20')	EACH	1.0	\$350.00	\$350.00	\$300.00	\$300.00	\$600.00	\$600.00	\$700.00	\$700.00
116	Furnish and Install Water Service (1") (<20')	EACH	2.0	\$375.00	\$750.00	\$375.00	\$750.00	\$500.00	\$1,000.00	\$630.00	\$1,260.00
117	Furnish and Install Water Service (1")(<20') - Trenchless	EACH	8.0	\$365.00	\$2,920.00	\$320.00	\$2,560.00	\$800.00	\$6,400.00	\$650.00	\$5,200.00
118	Furnish and Install Water Service (1")(>40') - Trenchless	EACH	7.0	\$470.00	\$3,290.00	\$400.00	\$2,800.00	\$1,200.00	\$8,400.00	\$1,300.00	\$9,100.00
119	Relocate 3/4" Water Service for Trench Box (If Needed)	EACH	3.0	\$315.00	\$945.00	\$50.00	\$150.00	\$325.00	\$975.00	\$500.00	\$1,500.00
120	Furnish and Install Curb Stop (1")	EACH	9.0	\$200.00	\$1,800.00	\$200.00	\$1,800.00	\$325.00	\$2,925.00	\$400.00	\$3,600.00
121	Install Non Metallic Curb Box	EACH	9.0	\$180.00	\$1,620.00	\$135.00	\$1,215.00	\$200.00	\$1,800.00	\$100.00	\$900.00
122	Install Hydrant Unit	EACH	4.0	\$1,100.00	\$4,400.00	\$800.00	\$3,200.00	\$1,200.00	\$4,800.00	\$1,800.00	\$7,200.00
123	Ductile Iron Fittings Poly. Encased	LB	3550.0	\$3.50	\$12,425.00	\$3.40	\$12,070.00	\$4.25	\$15,087.50	\$6.00	\$21,300.00
124	Insulate Water Pipes (3" Insulation)	SF	192.0	\$5.00	\$960.00	\$4.35	\$835.20	\$2.00	\$384.00	\$7.00	\$1,344.00
125	Sewer Main Repair Connection - 8"	EACH	2.0	\$225.00	\$450.00	\$180.00	\$360.00	\$50.00	\$100.00	\$300.00	\$600.00
126	Sewer Service Repair Connection (4")	EACH	2.0	\$200.00	\$400.00	\$180.00	\$360.00	\$20.00	\$40.00	\$230.00	\$460.00
127	Storm Pipe Repair Connection - 8" PVC to NRCP Adaptor	EACH	5.0	\$200.00	\$1,000.00	\$150.00	\$750.00	\$60.00	\$300.00	\$200.00	\$1,000.00
128	Storm Pipe Repair Connection - 24" RCP to NRCP	EACH	1.0	\$290.00	\$290.00	\$175.00	\$175.00	\$75.00	\$75.00	\$600.00	\$600.00
129	Storm Tie-in Connection 8" PVC into Existing 72"RCP	EACH	1.0	\$200.00	\$200.00	\$175.00	\$175.00	\$250.00	\$250.00	\$400.00	\$400.00
130	Storm Tie-in Connection to Existing Manhole - 24" RCP	EACH	1.0	\$830.00	\$830.00	\$325.00	\$325.00	\$500.00	\$500.00	\$450.00	\$450.00
131	Granular Foundation (LV)	CY	20.0	\$23.50	\$470.00	\$20.00	\$400.00	\$22.00	\$440.00	\$30.00	\$600.00
132	Trench Box	LS	1.0	\$4,800.00	\$4,800.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00
133	Exploratory Excavation	HOURL	4.0	\$350.00	\$1,400.00	\$150.00	\$600.00	\$300.00	\$1,200.00	\$200.00	\$800.00
134	Remove 4" to 12" Pipe	LF	312.0	\$5.50	\$1,716.00	\$4.50	\$1,404.00	\$5.00	\$1,560.00	\$6.00	\$1,872.00
135	Remove 16" to 24" Pipe	LF	146.0	\$7.15	\$1,043.90	\$6.00	\$876.00	\$10.00	\$1,460.00	\$12.00	\$1,752.00
136	Remove Concrete Curb and Gutter	LF	98.0	\$5.50	\$539.00	\$6.00	\$588.00	\$3.00	\$294.00	\$7.00	\$686.00
137	Remove Concrete Driveway	SF	310.0	\$2.10	\$651.00	\$2.25	\$697.50	\$2.25	\$697.50	\$3.00	\$930.00
138	Remove Concrete Sidewalk	SF	2191.0	\$1.95	\$4,272.45	\$1.90	\$4,162.90	\$1.60	\$3,505.60	\$3.00	\$6,573.00
139	Remove Bituminous Pavement 2" - 4"	SY	1502.0	\$4.00	\$6,008.00	\$7.00	\$10,514.00	\$7.00	\$10,514.00	\$4.00	\$6,008.00
140	Remove Bituminous Overlaid Concrete Pavement	SY	554.0	\$10.00	\$5,540.00	\$18.00	\$9,972.00	\$12.00	\$6,648.00	\$4.00	\$2,216.00
141	Remove Catch Basin or Manhole	EACH	5.0	\$475.00	\$2,375.00	\$500.00	\$2,500.00	\$350.00	\$1,750.00	\$150.00	\$750.00
142	Remove Gate Valve and Box or Hydrant Unit	EACH	7.0	\$475.00	\$3,325.00	\$350.00	\$2,450.00	\$350.00	\$2,450.00	\$100.00	\$700.00
143	Sawing Concrete Surfaces	LF	399.0	\$5.75	\$2,294.25	\$5.50	\$2,194.50	\$5.00	\$1,995.00	\$4.00	\$1,596.00
144	Coulter Cut Bituminous Pavement - Surface	LF	1233.0	\$1.75	\$2,157.75	\$1.60	\$1,972.80	\$1.50	\$1,849.50	\$2.00	\$2,466.00
145	Hydra Hammer Edge Breaking Overlaid Conc. Pavement	LF	10.0	\$23.00	\$230.00	\$10.00	\$100.00	\$10.00	\$100.00	\$20.00	\$200.00
146	Salvage,Temporary Stockpile & Reinstall Agg. Base CL5(LV)	CY	275.0	\$10.00	\$2,750.00	\$12.00	\$3,300.00	\$7.50	\$2,062.50	\$10.00	\$2,750.00

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				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
147	F & I Repair Geotextile Separation Fabric Type IV mod.	SY	1607.0	\$10.00	\$16,070.00	\$2.00	\$3,214.00	\$2.00	\$3,214.00	\$3.00	\$4,821.00
148	Salvage Ductile Iron Fitting	EACH	3.0	\$130.00	\$390.00	\$100.00	\$300.00	\$200.00	\$600.00	\$70.00	\$210.00
149	Salvage Gate Valve with Valve Box or Hydrant Unit	EACH	2.0	\$375.00	\$750.00	\$300.00	\$600.00	\$500.00	\$1,000.00	\$100.00	\$200.00
150	Aggregate Base Placed, Class 5	CY	249.0	\$22.50	\$5,602.50	\$21.00	\$5,229.00	\$25.00	\$6,225.00	\$25.00	\$6,225.00
151	Aggregate Base (LV), Class 5 (As Needed)	CY	221.0	\$14.00	\$3,094.00	\$25.00	\$5,525.00	\$10.00	\$2,210.00	\$19.00	\$4,199.00
152	Type LV 3 or 4 Wearing Course Mix Temporary	TON	363.0	\$70.00	\$25,410.00	\$69.00	\$25,047.00	\$70.00	\$25,410.00	\$75.00	\$27,225.00
153	Fine Filter Aggregate (CV)	CY	32.0	\$20.00	\$640.00	\$20.00	\$640.00	\$10.00	\$320.00	\$27.00	\$864.00
154	4" Perf. P.E. Pipe Drain Repair-Subgrade Install in Fine FilterAgg	LF	925.0	\$10.00	\$9,250.00	\$1.00	\$925.00	\$2.50	\$2,312.50	\$9.00	\$8,325.00
155	4-12" Corr. Polyethylene Pipe Drain (As Directed)	LF	70.0	\$12.00	\$840.00	\$2.00	\$140.00	\$25.00	\$1,750.00	\$17.00	\$1,190.00
156	Unknown Field Tile Repair Connection (As Directed)	EACH	10.0	\$55.00	\$550.00	\$85.00	\$850.00	\$50.00	\$500.00	\$30.00	\$300.00
157	Concrete Plug Pipe End 4" - 16" Pipe (As Directed)	EACH	21.0	\$90.00	\$1,890.00	\$85.00	\$1,785.00	\$50.00	\$1,050.00	\$50.00	\$1,050.00
158	Construct Drainage Struct Des F mod short cone	EACH	1.0	\$2,550.00	\$2,550.00	\$2,400.00	\$2,400.00	\$1,850.00	\$1,850.00	\$2,300.00	\$2,300.00
159	Construct Drainage Structure, Des N	EACH	2.0	\$1,950.00	\$3,900.00	\$1,950.00	\$3,900.00	\$1,500.00	\$3,000.00	\$2,100.00	\$4,200.00
160	Lean Mix Backfill for Pipe Support	CY	15.5	\$175.00	\$2,712.50	\$125.00	\$1,937.50	\$300.00	\$4,650.00	\$140.00	\$2,170.00
161	Traffic Control	LS	1.0	\$2,500.00	\$2,500.00	\$3,800.00	\$3,800.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00
EC - 1	Inlet Protection	EACH	15.0	\$100.00	\$1,500.00	\$75.00	\$1,125.00	\$100.00	\$1,500.00	\$170.00	\$2,550.00
EC - 4	Rapid Stabilization, Mn/DOT Method 3 Modified	M GAL	0.5	\$1,575.00	\$787.50	\$1,500.00	\$750.00	\$1,400.00	\$700.00	\$4,000.00	\$2,000.00
EC - 6	Rapid Stabilization, Method Netless	SY	405.0	\$4.25	\$1,721.25	\$8.50	\$3,442.50	\$8.00	\$3,240.00	\$5.00	\$2,025.00
EC - 7	Water	M GAL	6.8	\$110.00	\$748.00	\$100.00	\$680.00	\$100.00	\$680.00	\$50.00	\$340.00
TOTAL SCHEDULE 1					\$244,762.10		\$219,696.40		\$229,753.10		\$276,504.00

**SCHEDULE 2 - TH 59 WEST WATER**

200	Mobilization per Schedule	LS	1.0	\$4,300.00	\$4,300.00	\$6,500.00	\$6,500.00	\$1,500.00	\$1,500.00	\$12,000.00	\$12,000.00
201	4" Water Main PVC SDR 18	LF	13.0	\$25.00	\$325.00	\$35.00	\$455.00	\$52.00	\$676.00	\$23.00	\$299.00
202	8" Water Main PVC SDR 18	LF	5.0	\$31.00	\$155.00	\$40.00	\$200.00	\$60.00	\$300.00	\$29.00	\$145.00
203	10" Water Main PVC SDR 18	LF	500.0	\$35.00	\$17,500.00	\$32.00	\$16,000.00	\$43.00	\$21,500.00	\$32.00	\$16,000.00
204	12" Water Main PVC SDR 18	LF	9.0	\$50.00	\$450.00	\$68.00	\$612.00	\$64.00	\$576.00	\$44.00	\$396.00
205	Install 8" Gate Valve with Valve Box	EACH	1.0	\$635.00	\$635.00	\$425.00	\$425.00	\$450.00	\$450.00	\$350.00	\$350.00
206	Install 10" Gate Valve with Valve Box	EACH	2.0	\$785.00	\$1,570.00	\$600.00	\$1,200.00	\$550.00	\$1,100.00	\$400.00	\$800.00
207	Install 12" Gate Valve with Valve Box	EACH	1.0	\$900.00	\$900.00	\$685.00	\$685.00	\$600.00	\$600.00	\$500.00	\$500.00
208	Furnish and Install Water Service Connection (2") PVC	EACH	1.0	\$690.00	\$690.00	\$500.00	\$500.00	\$500.00	\$500.00	\$600.00	\$600.00
209	Reinstall Water Service (2") (<10') PVC Class 200	EACH	1.0	\$300.00	\$300.00	\$400.00	\$400.00	\$600.00	\$600.00	\$450.00	\$450.00
210	Install Hydrant Unit	EACH	1.0	\$1,100.00	\$1,100.00	\$800.00	\$800.00	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00
211	Ductile Iron Fittings Poly. Encased	LB	1550.0	\$3.50	\$5,425.00	\$3.40	\$5,270.00	\$4.50	\$6,975.00	\$4.00	\$6,200.00
212	Culvert Pipe Repair Connect-28" ARCH RCP to 28" ARCH RCP	EACH	1.0	\$450.00	\$450.00	\$250.00	\$250.00	\$200.00	\$200.00	\$400.00	\$400.00
213	Granular Foundation (LV)	CY	12.0	\$23.50	\$282.00	\$20.00	\$240.00	\$22.00	\$264.00	\$30.00	\$360.00
214	Trench Box Sta 3+40 to 7+12	LS	1.0	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00
215	Exploratory Excavation	HOURL	1.0	\$350.00	\$350.00	\$150.00	\$150.00	\$300.00	\$300.00	\$200.00	\$200.00
216	Remove 4" to 12" Pipe	LF	41.0	\$5.50	\$225.50	\$4.50	\$184.50	\$5.00	\$205.00	\$6.00	\$246.00
217	Remove Concrete Curb and Gutter	LF	27.0	\$5.50	\$148.50	\$6.00	\$162.00	\$2.00	\$54.00	\$6.00	\$162.00
218	Remove Concrete Driveway	SF	54.0	\$2.10	\$113.40	\$2.25	\$121.50	\$2.00	\$108.00	\$10.00	\$540.00
219	Remove Bituminous Pavement 3" to 7"	SY	327.0	\$8.00	\$2,616.00	\$8.25	\$2,697.75	\$7.00	\$2,289.00	\$7.00	\$2,289.00
220	Remove Concrete Pavement	SY	113.0	\$15.00	\$1,695.00	\$16.00	\$1,808.00	\$11.00	\$1,243.00	\$11.00	\$1,243.00
221	Remove Catch Basin or Manhole	EACH	2.0	\$475.00	\$950.00	\$400.00	\$800.00	\$350.00	\$700.00	\$200.00	\$400.00
222	Sawing Concrete Surfaces	LF	79.0	\$5.75	\$454.25	\$5.50	\$434.50	\$5.00	\$395.00	\$5.00	\$395.00
223	Sawing Full Depth Bituminous Pavement-5.5" min depth cut	LF	372.0	\$6.00	\$2,232.00	\$5.50	\$2,046.00	\$3.00	\$1,116.00	\$5.00	\$1,860.00
224	Salvage & Reinstall 28" Arch RCP Culvert Pipe	LF	24.0	\$35.00	\$840.00	\$30.00	\$720.00	\$30.00	\$720.00	\$23.00	\$552.00
225	Salvage Ductile Iron Fitting	EACH	1.0	\$130.00	\$130.00	\$65.00	\$65.00	\$200.00	\$200.00	\$50.00	\$50.00
226	Salvage Gate Valve with Valve Box or Hydrant Uint	EACH	1.0	\$375.00	\$375.00	\$300.00	\$300.00	\$500.00	\$500.00	\$50.00	\$50.00

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227	Salvage Flushing Pipe and Fitting	LS	1.0	\$350.00	\$350.00	\$350.00	\$350.00	\$200.00	\$200.00	\$200.00	\$200.00
228	Furnish and Install RCP Culvert Pipe Tie	EACH	8.0	\$70.00	\$560.00	\$25.00	\$200.00	\$35.00	\$280.00	\$35.00	\$280.00
229	Aggregate Surfacing, Class 5 (LV)	CY	60.0	\$21.40	\$1,284.00	\$15.00	\$900.00	\$10.00	\$600.00	\$22.00	\$1,320.00
230	Aggregate Base Placed, Class 5	CY	116.0	\$22.50	\$2,610.00	\$25.00	\$2,900.00	\$24.00	\$2,784.00	\$24.00	\$2,784.00
231	Type LV 3 or 4 Wearing Course Mix Temporary	TON	79.0	\$130.00	\$10,270.00	\$69.00	\$5,451.00	\$70.00	\$5,530.00	\$80.00	\$6,320.00
232	4-12" Corr. Polyethylene Pipe Drain	LF	10.0	\$12.00	\$120.00	\$2.00	\$20.00	\$24.00	\$240.00	\$27.00	\$270.00
233	15" Corr. Polyethylene Temporary Culvert Pipe	LF	24.0	\$16.00	\$384.00	\$15.00	\$360.00	\$27.00	\$648.00	\$30.00	\$720.00
234	Unknown Field Tile Repair Connection (As Directed)	EACH	2.0	\$55.00	\$110.00	\$85.00	\$170.00	\$50.00	\$100.00	\$150.00	\$300.00
235	Concrete Plug Pipe End 4" - 12" Pipe (As Directed)	EACH	5.0	\$90.00	\$450.00	\$85.00	\$425.00	\$50.00	\$250.00	\$80.00	\$400.00
236	Traffic Control	LS	1.0	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00
EC - 2	Filter Logs, Type Straw Fiber Bioroll	LF	60.0	\$8.25	\$495.00	\$8.50	\$510.00	\$8.00	\$480.00	\$6.00	\$360.00
EC - 3	Rapid Stabilization, Mn/DOT Method 1 Modified	ACRE	0.4	\$2,500.00	\$900.00	\$1,000.00	\$360.00	\$900.00	\$324.00	\$6,600.00	\$2,376.00
EC - 5	Rapid Stabilization, Mn/DOT Method 4 Modified	SY	30.0	\$10.00	\$300.00	\$12.00	\$360.00	\$10.00	\$300.00	\$50.00	\$1,500.00
EC - 7	Water	M GAL	3.0	\$110.00	\$330.00	\$100.00	\$300.00	\$100.00	\$300.00	\$50.00	\$150.00
EC -9	Sodding Type, Lawn	SY	182.0	\$10.00	\$1,820.00	\$18.00	\$3,276.00	\$15.00	\$2,730.00	\$14.00	\$2,548.00
TOTAL SCHEDULE 2					\$67,194.65		\$63,608.25		\$63,537.00		\$71,015.00

**SCHEDULE 3 - CLARY STREET SANITARY**

300	Mobilization per Schedule	LS	1.0	\$8,900.00	\$8,900.00	\$6,500.00	\$6,500.00	\$2,000.00	\$2,000.00	\$12,000.00	\$12,000.00
301	4" PVC Sewer Pipe, SDR 35	LF	5.0	\$26.00	\$130.00	\$28.00	\$140.00	\$26.00	\$130.00	\$40.00	\$200.00
302	6" PVC Sewer Pipe, SDR 35	LF	24.0	\$29.40	\$705.60	\$32.00	\$768.00	\$27.00	\$648.00	\$45.00	\$1,080.00
303	8" PVC Sewer Repair Pipe, SDR 18	LF	5.0	\$33.00	\$165.00	\$75.00	\$375.00	\$56.00	\$280.00	\$55.00	\$275.00
304	15" PVC Sewer Pipe, SDR 35	LF	5.0	\$50.00	\$250.00	\$75.00	\$375.00	\$85.00	\$425.00	\$70.00	\$350.00
305	18" PVC Sewer Pipe SDR 35, 10-12' Depth	LF	12.0	\$50.00	\$600.00	\$62.00	\$744.00	\$92.00	\$1,104.00	\$80.00	\$960.00
306	21" PVC Sewer Pipe SDR 35, 10-12' Depth	LF	713.0	\$57.00	\$40,641.00	\$70.00	\$49,910.00	\$70.00	\$49,910.00	\$90.00	\$64,170.00
307	Furnish and Install 30" Steel Casing Pipe - 10' length	LS	1.0	\$1,600.00	\$1,600.00	\$7,200.00	\$7,200.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00
308	15" Storm Repair Pipe PVC, SDR 35	LF	7.0	\$50.00	\$350.00	\$40.00	\$280.00	\$35.00	\$245.00	\$80.00	\$560.00
309	24" RCP Pipe, Class III	LF	16.0	\$45.00	\$720.00	\$38.00	\$608.00	\$70.00	\$1,120.00	\$80.00	\$1,280.00
310	Standard Manhole, 0-10' Depth w/casting	EACH	3.0	\$3,700.00	\$11,100.00	\$3,800.00	\$11,400.00	\$4,500.00	\$13,500.00	\$5,000.00	\$15,000.00
311	Extra Depth Manhole, (48" diameter)	LF	1.5	\$235.00	\$352.50	\$245.00	\$367.50	\$300.00	\$450.00	\$300.00	\$450.00
312	Sewer Main Repair Connection - 8"	EACH	1.0	\$225.00	\$225.00	\$200.00	\$200.00	\$60.00	\$60.00	\$300.00	\$300.00
313	Sewer Main Repair Connection - 15"	EACH	1.0	\$320.00	\$320.00	\$265.00	\$265.00	\$75.00	\$75.00	\$320.00	\$320.00
314	Sewer Main Repair Connection - 18"	EACH	1.0	\$415.00	\$415.00	\$385.00	\$385.00	\$150.00	\$150.00	\$450.00	\$450.00
315	Sewer Service Connection - 4"	EACH	1.0	\$250.00	\$250.00	\$225.00	\$225.00	\$115.00	\$115.00	\$350.00	\$350.00
316	Sewer Service Repair Connection - 6"	EACH	1.0	\$200.00	\$200.00	\$245.00	\$245.00	\$35.00	\$35.00	\$180.00	\$180.00
317	Sewer Main Tie in to Existing Precast Manhole - 21" PVC	EACH	1.0	\$830.00	\$830.00	\$850.00	\$850.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
318	21" to 18" PVC Eccentric Reducer	EACH	1.0	\$1,100.00	\$1,100.00	\$625.00	\$625.00	\$500.00	\$500.00	\$1,600.00	\$1,600.00
319	Storm Pipe Repair Connection - 15" PVC to 16" NRCP	EACH	2.0	\$290.00	\$580.00	\$325.00	\$650.00	\$125.00	\$250.00	\$400.00	\$800.00
320	Storm Pipe Repair Connection - 24" RCP to NRCP	EACH	1.0	\$290.00	\$290.00	\$300.00	\$300.00	\$100.00	\$100.00	\$450.00	\$450.00
321	Granular Foundation (LV)	CY	5.0	\$23.50	\$117.50	\$20.00	\$100.00	\$22.00	\$110.00	\$33.00	\$165.00
322	Trench Box Sta 0+40 to 7+20	LS	1.0	\$2,800.00	\$2,800.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00
323	Exploratory Excavation	HOURL	1.0	\$350.00	\$350.00	\$150.00	\$150.00	\$300.00	\$300.00	\$200.00	\$200.00
324	Bypass Pumping Sewer Flows	LS	1.0	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00
325	Remove 4" to 12" Pipe	LF	115.0	\$5.50	\$632.50	\$4.50	\$517.50	\$5.00	\$575.00	\$5.00	\$575.00
326	Remove 13" to 24" Pipe	LF	767.0	\$7.15	\$5,484.05	\$6.00	\$4,602.00	\$5.00	\$3,835.00	\$5.00	\$3,835.00
327	Remove Concrete Sidewalk	SF	96.0	\$1.95	\$187.20	\$1.90	\$182.40	\$1.50	\$144.00	\$4.00	\$384.00
328	Remove Bituminous Pavement 3" - 4"	SY	53.0	\$4.00	\$212.00	\$7.00	\$371.00	\$7.00	\$371.00	\$5.00	\$265.00
329	Remove Bituminous Overlaid Concrete Pavement	SY	1357.0	\$10.00	\$13,570.00	\$18.00	\$24,426.00	\$12.00	\$16,284.00	\$3.00	\$4,071.00
330	Remove Catch Basin or Manhole	EACH	3.0	\$475.00	\$1,425.00	\$500.00	\$1,500.00	\$350.00	\$1,050.00	\$150.00	\$450.00
331	Saw Cut Concrete Surfaces	LF	32.0	\$5.75	\$184.00	\$5.50	\$176.00	\$5.00	\$160.00	\$8.00	\$256.00

Item No.	Item Description	Unit	Approx. Quantity	Engineer's Estimate		LARSON CRANE SERVICE, INC.		Svoboda Excavating, Inc		Midstates Utilities, Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
332	Coulter Cut Bituminous Pavement - Surface	LF	875.0	\$1.75	\$1,531.25	\$1.60	\$1,400.00	\$1.50	\$1,312.50	\$1.00	\$875.00
333	Hydra Hammer Edge Breaking Overlaid Conc. Pavement	LF	875.0	\$2.30	\$2,012.50	\$10.00	\$8,750.00	\$2.00	\$1,750.00	\$2.00	\$1,750.00
334	Aggregate Base Placed, Class 5	CY	433.0	\$22.50	\$9,742.50	\$25.00	\$10,825.00	\$24.00	\$10,392.00	\$26.00	\$11,258.00
335	Type LV 3 or 4 Wearing Course Mix Temporary	TON	340.0	\$70.00	\$23,800.00	\$69.00	\$23,460.00	\$70.00	\$23,800.00	\$75.00	\$25,500.00
336	4-12" Corr. Polyethylene Drain Repair Pipe (If Needed)	LF	10.0	\$12.00	\$120.00	\$2.00	\$20.00	\$25.00	\$250.00	\$28.00	\$280.00
337	Unknown Field Tile Repair Connection (As Directed)	EACH	2.0	\$75.00	\$150.00	\$50.00	\$100.00	\$50.00	\$100.00	\$120.00	\$240.00
338	Concrete Plug Pipe End	EACH	12.0	\$90.00	\$1,080.00	\$85.00	\$1,020.00	\$50.00	\$600.00	\$50.00	\$600.00
339	Lean Mix Backfill for Pipe Support	CY	13.0	\$175.00	\$2,275.00	\$120.00	\$1,560.00	\$300.00	\$3,900.00	\$120.00	\$1,560.00
340	Traffic Control	LS	1.0	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
341	Relocate 3/4" Water Service for Trench Box (If Needed)	EACH	4.0	\$315.00	\$1,260.00	\$100.00	\$400.00	\$300.00	\$1,200.00	\$300.00	\$1,200.00
EC - 1	Inlet Protection	EACH	11.0	\$100.00	\$1,100.00	\$75.00	\$825.00	\$100.00	\$1,100.00	\$160.00	\$1,760.00
EC - 4	Rapid Stabilization, Mn/DOT Method 3 Modified	M GAL	0.3	\$1,575.00	\$393.75	\$1,500.00	\$375.00	\$1,380.00	\$345.00	\$5,000.00	\$1,250.00
TOTAL SCHEDULE 3					\$144,651.35		\$170,672.40		\$163,175.50		\$177,249.00

**SCHEDULE 4 - 30" TRUNK SEWER SPOT REPAIRS**

400	Mobilization per Schedule	LS	1.0	\$5,500.00	\$5,500.00	\$4,500.00	\$4,500.00	\$1,500.00	\$1,500.00	\$7,000.00	\$7,000.00
401	4" Sewer Repair Pipe PVC, SDR 35	LF	10.0	\$26.00	\$260.00	\$30.00	\$300.00	\$40.00	\$400.00	\$30.00	\$300.00
402	30" PVC Sewer Pipe SDR 35, 15-18' Depth	LF	55.0	\$225.00	\$12,375.00	\$145.00	\$7,975.00	\$325.00	\$17,875.00	\$400.00	\$22,000.00
403	Sewer Service Repair Connection (4")	EACH	1.0	\$200.00	\$200.00	\$200.00	\$200.00	\$25.00	\$25.00	\$250.00	\$250.00
404	Sewer Main Repair Connection - 30" PVC to 30" Clay	EACH	5.0	\$2,750.00	\$13,750.00	\$800.00	\$4,000.00	\$600.00	\$3,000.00	\$1,700.00	\$8,500.00
405	Sewer Main Tie into Existing Precast Manhole - 30" PVC	LS	1.0	\$3,000.00	\$3,000.00	\$1,100.00	\$1,100.00	\$1,200.00	\$1,200.00	\$3,200.00	\$3,200.00
406	Construct 4" PVC Inside Drop Connection (7.5')	EACH	1.0	\$1,400.00	\$1,400.00	\$345.00	\$345.00	\$350.00	\$350.00	\$1,000.00	\$1,000.00
407	Granular Foundation (LV)	CY	5.0	\$23.50	\$117.50	\$20.00	\$100.00	\$22.00	\$110.00	\$30.00	\$150.00
408	Trench Box	LS	1.0	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00
409	Exploratory Excavation	HOURL	1.0	\$350.00	\$350.00	\$150.00	\$150.00	\$300.00	\$300.00	\$200.00	\$200.00
410	Bypass Pumping Sewer Flows	LS	1.0	\$7,000.00	\$7,000.00	\$2,500.00	\$2,500.00	\$15,000.00	\$15,000.00	\$9,000.00	\$9,000.00
411	Clearing per Tree 18" to 24" diameter	EACH	1.0	\$400.00	\$400.00	\$250.00	\$250.00	\$100.00	\$100.00	\$700.00	\$700.00
412	Grubbing per Tree 18" to 24" diameter	EACH	1.0	\$400.00	\$400.00	\$200.00	\$200.00	\$100.00	\$100.00	\$600.00	\$600.00
413	Remove 4" to 15" Pipe	LF	10.0	\$5.50	\$55.00	\$4.50	\$45.00	\$5.00	\$50.00	\$7.00	\$70.00
414	Remove 25" to 30" Pipe	LF	55.0	\$20.00	\$1,100.00	\$8.00	\$440.00	\$5.00	\$275.00	\$12.00	\$660.00
415	Aggregate Surfacing, Class 5 (LV)	CY	14.0	\$20.00	\$280.00	\$25.00	\$350.00	\$10.00	\$140.00	\$23.00	\$322.00
416	4-12" Corr. Polyethylene Drain Repair Pipe (If Needed)	LF	10.0	\$12.00	\$120.00	\$2.00	\$20.00	\$25.00	\$250.00	\$29.00	\$290.00
417	Unknown Field Tile Repair Connection (If Needed)	EACH	2.0	\$55.00	\$110.00	\$50.00	\$100.00	\$50.00	\$100.00	\$27.00	\$54.00
418	Lean Mix Backfill for Pipe Support	CY	4.5	\$175.00	\$787.50	\$120.00	\$540.00	\$300.00	\$1,350.00	\$120.00	\$540.00
EC - 1	Inlet Protection	EACH	2.0	\$100.00	\$200.00	\$75.00	\$150.00	\$100.00	\$200.00	\$160.00	\$320.00
EC - 2	Filter Logs, Type Straw Fiber Bioroll	LF	100.0	\$8.25	\$825.00	\$8.50	\$850.00	\$8.00	\$800.00	\$6.00	\$600.00
EC - 3	Rapid Stabilization, Mn/DOT Method 1 Modified	ACRE	0.5	\$2,500.00	\$1,150.00	\$1,000.00	\$460.00	\$900.00	\$414.00	\$6,000.00	\$2,760.00
EC - 4	Rapid Stabilization, Mn/DOT Method 3 Modified	M GAL	2.5	\$1,575.00	\$3,937.50	\$1,500.00	\$3,750.00	\$1,380.00	\$3,450.00	\$1,800.00	\$4,500.00
EC - 8	Stabilized Construction Exit (If Needed)	EACH	1.0	\$750.00	\$750.00	\$100.00	\$100.00	\$600.00	\$600.00	\$400.00	\$400.00
TOTAL SCHEDULE 4					\$55,067.50		\$30,925.00		\$50,589.00		\$65,416.00

**SCHEDULE 5 - BRISTOL STREET STORM SEWER**

2021.501	Mobilization per Schedule	LS	1.0	\$2,250.00	\$2,250.00	\$6,500.00	\$6,500.00	\$3,000.00	\$3,000.00	\$6,000.00	\$6,000.00
2104.501	Remove 4" to 12" Pipe	LF	427.0	\$5.00	\$2,135.00	\$4.50	\$1,921.50	\$5.00	\$2,135.00	\$8.00	\$3,416.00
2104.501	Remove Curb and Gutter	LF	59.0	\$5.50	\$324.50	\$6.00	\$354.00	\$2.00	\$118.00	\$7.00	\$413.00
2104.505	Remove Bituminous Pavement	SY	319.0	\$4.00	\$1,276.00	\$18.00	\$5,742.00	\$7.00	\$2,233.00	\$7.00	\$2,233.00
2104.505	Remove Concrete Pavement	SY	38.0	\$15.00	\$570.00	\$18.00	\$684.00	\$11.00	\$418.00	\$12.00	\$456.00
2104.509	Remove Catch Basin or Manhole	EACH	4.0	\$475.00	\$1,900.00	\$500.00	\$2,000.00	\$350.00	\$1,400.00	\$150.00	\$600.00
2104.509	Remove Field Tile Intake	EACH	1.0	\$150.00	\$150.00	\$200.00	\$200.00	\$25.00	\$25.00	\$50.00	\$50.00

Item No.	Item Description	Unit	Approx. Quantity	Engineer's Estimate		LARSON CRANE SERVICE, INC.		Svoboda Excavating, Inc		Midstates Utilities, Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
2104.511	Sawing Concrete Surfaces	LF	124.0	\$5.75	\$713.00	\$5.50	\$682.00	\$5.00	\$620.00	\$6.00	\$744.00
2104.514	Coulter Cut Bituminous Pavement	LF	447.0	\$1.75	\$782.25	\$1.60	\$715.20	\$1.50	\$670.50	\$3.00	\$1,341.00
2105.534	Salvage, Temporary Stockpile & Reinstall Agg. Base CL5 (LV)	CY	50.0	\$10.00	\$500.00	\$8.00	\$400.00	\$7.50	\$375.00	\$20.00	\$1,000.00
2123.526	Equipment Rental for Exploratory Excavation	HOUR	1.0	\$350.00	\$350.00	\$125.00	\$125.00	\$300.00	\$300.00	\$200.00	\$200.00
2211.502	Aggregate Base (LV), Class 5 (As Needed from City Stockpile)	CY	33.0	\$14.00	\$462.00	\$7.00	\$231.00	\$12.00	\$396.00	\$15.00	\$495.00
2350.501	Type LV 3 or 4 Wearing Course Mix Temporary	TON	45.0	\$70.00	\$3,150.00	\$69.00	\$3,105.00	\$70.00	\$3,150.00	\$75.00	\$3,375.00
2451.507	Granular Foundation (LV) (If Needed)	CY	4.0	\$23.50	\$94.00	\$20.00	\$80.00	\$22.00	\$88.00	\$36.00	\$144.00
2502.541	4" Perf. P.E. Pipe Drain Repair-Subgrade Installation in CL 5 Agg	LF	56.0	\$10.00	\$560.00	\$20.00	\$1,120.00	\$20.00	\$1,120.00	\$13.00	\$728.00
2502.541	4-12" Corr. Polyethylene Drain Repair Pipe (If Needed)	LF	10.0	\$12.00	\$120.00	\$2.00	\$20.00	\$25.00	\$250.00	\$25.00	\$250.00
2502.573	Unknown Tile Repair Connect. or Tie into System (If Needed)	EACH	2.0	\$55.00	\$110.00	\$50.00	\$100.00	\$50.00	\$100.00	\$200.00	\$400.00
2503.511	12" RCP Sewer, Class IV	LF	403.0	\$29.00	\$11,687.00	\$34.00	\$13,702.00	\$35.00	\$14,105.00	\$40.00	\$16,120.00
2503.573	Storm Pipe Repair Connection - 12" RCP to NRCP	EACH	8.0	\$265.00	\$2,120.00	\$250.00	\$2,000.00	\$50.00	\$400.00	\$250.00	\$2,000.00
2503.573	Concrete Plug 4" -12" Pipe (As Directed)	EACH	1.0	\$90.00	\$90.00	\$85.00	\$85.00	\$50.00	\$50.00	\$100.00	\$100.00
2504.604	3" Insulation (for Water Pipes)	SF	32.0	\$5.00	\$160.00	\$4.35	\$139.20	\$2.00	\$64.00	\$12.00	\$384.00
2506.502	Construct Drainage Struct Des F mod short cone & sed	EACH	2.0	\$2,550.00	\$5,100.00	\$2,400.00	\$4,800.00	\$1,700.00	\$3,400.00	\$1,800.00	\$3,600.00
2506.502	Construct Drainage Structure, Des N w/sed	EACH	4.0	\$1,950.00	\$7,800.00	\$1,950.00	\$7,800.00	\$1,500.00	\$6,000.00	\$1,900.00	\$7,600.00
2520.501	Lean Mix Backfill Pipe Abandonment or Support	CY	1.0	\$175.00	\$175.00	\$150.00	\$150.00	\$300.00	\$300.00	\$120.00	\$120.00
EC - 1	Inlet Protection	EACH	4.0	\$100.00	\$400.00	\$75.00	\$300.00	\$100.00	\$400.00	\$170.00	\$680.00
EC - 6	Rapid Stabilization, Method Netless	SY	40.0	\$4.25	\$170.00	\$8.50	\$340.00	\$8.00	\$320.00	\$7.00	\$280.00
EC - 7	Water	M GAL	0.6	\$110.00	\$66.00	\$100.00	\$60.00	\$100.00	\$60.00	\$1,000.00	\$600.00
TOTAL SCHEDULE 5					\$43,214.75		\$53,355.90		\$41,497.50		\$53,329.00
TOTAL SCHEDULE 1 - 5					\$554,890.35		\$538,257.95		\$548,552.10		\$643,513.00