

Bid Opening Date February 23, 2016
2016 Concrete Rehab with Asphalt overlay and Catch Basin Rehab
Engineers Estimate \$970,000.00

NIC = Not In Contract				Chagrin Valley Paving		Specilized Const		Barbicas Construction		Burton Scot	
LINE NO.	DESCRIPTION	UNIT	EST. QUAN	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST
1	Mobilization, SC-128	L.S.	1	\$46,295.00	\$46,295.00	\$20,000.00	\$20,000.00	\$48,950.00	\$48,950.00	\$50,000.00	\$50,000.00
2	Maintaining Traffic, SC-126	L.S.	1	\$46,295.00	\$46,295.00	\$40,000.00	\$40,000.00	\$55,000.00	\$55,000.00	\$50,000.00	\$50,000.00
3	Bonds and Insurance SC-113	L.S.	1	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$11,400.00	\$11,400.00	\$10,000.00	\$10,000.00
4	Concrete Walk Removed SC-114 & SC-125	S.F.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	Catch Basin or Inlet Removed, SC-114	Ea.	1	\$400.00	\$400.00	\$473.00	\$473.00	\$400.00	\$400.00	\$500.00	\$500.00
6	Flexible Pavement Repair,As Directed SC-116	S.Y.	50	\$75.00	\$3,750.00	\$114.00	\$5,700.00	\$80.00	\$4,000.00	\$75.00	\$3,750.00
7	Special Pavement Planing 2 1/2", SC-117	S.Y.	7,950	\$5.55	\$44,122.50	\$3.50	\$27,825.00	\$5.00	\$39,750.00	\$5.00	\$39,750.00
8	Item 253 Flexible Pavement Repair/Widening, SC-116	S.Y.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	Partial Depth Pavement Sawing, As Directed by Engineer SC-145	L.F.	5,915	\$1.00	\$5,915.00	\$1.00	\$5,915.00	\$1.25	\$7,393.75	\$3.00	\$17,745.00
10	Item 448- Intermediate Asphalt Pavement Course Type 1 - 1", SC-120	C.Y.	225	\$160.00	\$36,000.00	\$167.00	\$37,575.00	\$195.00	\$43,875.00	\$200.00	\$45,000.00
11	Item 448- Intermediate Asphalt Pavement Course Type 2 - for maintaining Cross Slope, SC-120	C.Y.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	Item 448 Surface Course Asphalt Pavement Type 1 - 1 ", SC-120	C.Y.	345	\$160.00	\$55,200.00	\$183.00	\$63,135.00	\$205.00	\$70,725.00	\$225.00	\$77,625.00
13	Single Chip seal w/ Polymer Binder and Cover Aggreagte No. 8, SC-149	S.Y.	7,950	\$2.00	\$15,900.00	\$2.00	\$15,900.00	\$2.00	\$15,900.00	\$3.00	\$23,850.00
14	Item 255-Full Depth Pavmt. Removal and Rigid Replacement Drive Apron Residential Class "MS" T=6" SC-118	S.Y.	40	\$72.00	\$2,880.00	\$85.00	\$3,400.00	\$72.00	\$2,880.00	\$150.00	\$6,000.00
15	Reclamite Asphalt Rejuvenation Agent Penetrating Sealer, SC-123	S.Y.	7,950	\$0.85	\$6,757.50	\$1.00	\$7,950.00	\$0.85	\$6,757.50	\$0.85	\$6,757.50
16	City Standard Manhole, As per plan, SC-124	Ea.	1	\$2,000.00	\$2,000.00	\$2,365.00	\$2,365.00	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00
17	City Standard Catch Basin/Inlet, As per plan, SC-124	Ea.	2	\$2,500.00	\$5,000.00	\$2,955.00	\$5,910.00	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00
18	City Standard Monument Box, As per plan, SC-124	Ea.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	Manholes Adjusted to Grade, As per plan, SC-124	Ea.	20	\$800.00	\$16,000.00	\$946.00	\$18,920.00	\$800.00	\$16,000.00	\$1,500.00	\$30,000.00
20	Manholes Reconstructed to Grade, As per plan, SC-124	Ea.	12	\$1,000.00	\$12,000.00	\$1,182.00	\$14,184.00	\$1,000.00	\$12,000.00	\$2,000.00	\$24,000.00
21	Catch Basin or Inlet Adjusted to Grade, As per plan, SC-124	Ea.	90	\$1,800.00	\$162,000.00	\$1,655.00	\$148,950.00	\$1,800.00	\$162,000.00	\$1,000.00	\$90,000.00
22	Catch Basin or Inlet Reconstructed to Grade, As per plan, SC-124	Ea.	70	\$2,000.00	\$140,000.00	\$2,128.00	\$148,960.00	\$2,000.00	\$140,000.00	\$2,500.00	\$175,000.00
23	Water Valve Box Adjusted to Grade, As per plan, SC-124	Ea.	4	\$450.00	\$1,800.00	\$532.00	\$2,128.00	\$450.00	\$1,800.00	\$800.00	\$3,200.00
24	Monument Box Adjusted to Grade, As per plan, SC-124	Ea.	2	\$450.00	\$900.00	\$532.00	\$1,064.00	\$450.00	\$900.00	\$1,200.00	\$2,400.00
25	4" Concrete Walk, SC-125	S.F.	200	\$8.00	\$1,600.00	\$9.50	\$1,900.00	\$8.00	\$1,600.00	\$15.00	\$3,000.00
26	6" Concrete Walk, Not Including Drive Aprons SC-125	S.F.	10	\$10.00	\$100.00	\$12.00	\$120.00	\$10.00	\$100.00	\$75.00	\$750.00
27	Curb Ramp, As per plan, SC-125	S.F.	470	20.00	\$9,400.00	\$24.00	\$11,280.00	\$20.00	\$9,400.00	\$25.00	\$11,750.00

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28	Dust Control, SC-127	L.S.	1	\$100.00	\$100.00	\$50.00	\$50.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
29	Seeding and Mulching-Site Restoration Including Topsoil and Fine Grading SC-130	S.Y.	250	\$10.00	\$2,500.00	\$12.00	\$3,000.00	\$10.00	\$2,500.00	\$25.00	\$6,250.00
30	Sodding As Directed by the Engineer, SC-131	S.Y.	10	\$10.00	\$100.00	\$15.00	\$150.00	\$10.00	\$100.00	\$100.00	\$1,000.00
31	6" Dia. Storm Sewer w/Low Strength Mortar Backfill, Type 2, As Directed SC-132	L.F.	50	\$11.00	\$550.00	\$13.00	\$650.00	\$11.00	\$550.00	\$50.00	\$2,500.00
32	8" Dia. Storm Sewer w/Low Strength Mortar Backfill, Type 2, As Directed SC-132	L.F.	50	\$12.00	\$600.00	\$14.00	\$700.00	\$12.00	\$600.00	\$75.00	\$3,750.00
33	10" Dia. Storm Sewer w/Low Strength Mortar Backfill, Type 2, As Directed SC-132	L.F.	50	\$15.00	\$750.00	\$18.00	\$900.00	\$15.00	\$750.00	\$100.00	\$5,000.00
34	12" Dia. Storm Sewer w/Low Strength Mortar Backfill, Type 2, As Directed SC-132	L.F.	100	\$50.00	\$5,000.00	\$59.00	\$5,900.00	\$50.00	\$5,000.00	\$125.00	\$12,500.00
35	18" Dia. Storm Sewer w/Low Strength Mortar Backfill, Type 2, As Directed SC-132	L.F.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
36	20" Dia. Storm Sewer w/Low Strength Mortar Backfill, Type 2, As Directed SC-132	L.F.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
37	24" Dia. Storm Sewer w/Low Strength Mortar Backfill, Type 2, As Directed SC-132	L.F.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
38	6" Underdrain, As Directed by the Engineer, SC-141	L.F.	100	\$10.00	\$1,000.00	\$11.00	\$1,100.00	\$10.00	\$1,000.00	\$25.00	\$2,500.00
39	Monument Box-Reference Removal and Replacement, As Directed by the Engineer SC-133	Ea.	1	\$500.00	\$500.00	\$591.00	\$591.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00
40	Temporary Sediment and Erosion Control, SC-134	L.S.	1	\$500.00	\$500.00	\$1,640.00	\$1,640.00	\$7,500.00	\$7,500.00	\$2,500.00	\$2,500.00
41	Misc. Metal as Directed by the Engineer SC-153	Lbs.	5,000	\$1.50	\$7,500.00	\$1.50	\$7,500.00	\$1.50	\$7,500.00	\$2.50	\$12,500.00
42	Item 301 Additional Bituminous Aggregate Base As Directed by Engineer, SC-135	C.Y.	10	\$200.00	\$2,000.00	\$150.00	\$1,500.00	\$180.00	\$1,800.00	\$300.00	\$3,000.00
43	Additional excavation as Directed by the Engineer SC-137	C.Y.	10	\$20.00	\$200.00	\$20.00	\$200.00	\$20.00	\$200.00	\$50.00	\$500.00
44	Additional Premium Backfill as Directed by the Engineer SC-138	C.Y.	10	\$45.00	\$450.00	\$45.00	\$450.00	\$45.00	\$450.00	\$100.00	\$1,000.00
45	Proof Rolling SC-144	Hrs	4	\$150.00	\$600.00	\$90.00	\$360.00	\$125.00	\$500.00	\$150.00	\$600.00
46	Crack Sealing ODOT 925 Type IV Hot Applied SC-146	Lbs	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
47	Pavement Fabric GlasPave 50 or Approved Equal, SC 147	S.Y.	7,950	\$6.30	\$50,085.00	\$8.00	\$63,600.00	\$6.30	\$50,085.00	\$6.95	\$55,252.50
48	Sanitary Manhole Rehabilitation SC-151	Ea.	17	\$500.00	\$8,500.00	\$610.00	\$10,370.00	\$450.00	\$7,650.00	\$1,000.00	\$17,000.00
49	Sanitary Manhole Plugs SC-150	Ea.	85	\$20.00	\$1,700.00	\$5.00	\$425.00	\$3.00	\$255.00	\$125.00	\$10,625.00
50	18" Mainline Storm Sewer CIPP Lining	Ea.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
51	24" Mainline Storm Sewer PIPP Lining		NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
52	Landscape Stone , SC-164	S.Y.	10	\$50.00	\$500.00	\$20.00	\$200.00	\$55.50	\$555.00	\$100.00	\$1,000.00
53	Linear Grading SC-155	S.Y.	10	\$5.00	\$50.00	\$20.00	\$200.00	\$5.00	\$50.00	\$100.00	\$1,000.00

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54	H.D.P.E. Roadside Inlet, SC-162	Ea.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
55	Special Pavement Planing of Drive Aprons, SC-117A	S.Y.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
56	Type 2-A curb, SC-156	L.F.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
57	Type 6 Curb Installed/Repaired SC-156	L.F.	100	\$50.00	\$5,000.00	\$60.00	\$6,000.00	\$50.00	\$5,000.00	\$50.00	\$5,000.00
58	Type 6 curb Modified SC-156	L.F.	50	\$60.00	\$3,000.00	\$70.00	\$3,500.00	\$60.00	\$3,000.00	\$65.00	\$3,250.00
59	4" Single Pass Asphalt Recycling SC-157	S.Y.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
60	Item 642 - Edge Line, Type 1, SC-129	Mile	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
61	Item 642 - Crosswalk Line, Type 1, SC-129	L.F.	220	\$2.00	\$440.00	\$2.00	\$440.00	\$2.00	\$440.00	\$3.70	\$814.00
62	Item 642 - Stop Line, Type 1, SC-129	L.F.	70	\$5.00	\$350.00	\$6.00	\$420.00	\$5.00	\$350.00	\$3.95	\$276.50
63	Item 642 Cross Walk Fill Paint Green SC-129	S.F.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
64	Item 642 Arrow Straight SC-129	Ea.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
65	Item 642 Arrow Turn SC-129	Ea.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
66	Item 642 Double Yellow Centerline SC-129	Mile	0.10	\$4,500.00	\$450.00	\$5,300.00	\$530.00	\$4,500.00	\$450.00	\$9,135.00	\$913.50
67	Item 642 Dashed Yellow Centerline SC-129	Mile	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
68	Item 642 One Direction No Passing Centerline SC-129	Mile	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
69	Traffic Loop SC-154	Ea.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
70	Item 255 Full Depth Pavement Removal and Rigid Replacement Class "MS" T = 7" SC-118	S.Y.	625	\$130.00	\$81,250.00	\$150.00	\$93,750.00	\$130.00	\$81,250.00	\$110.00	\$68,750.00
71	Item 255 Full Depth Pavement Removal and Rigid Replacement Class "FS" T = 7" SC-118	S.Y.	50	\$50.00	\$2,500.00	\$60.00	\$3,000.00	\$50.00	\$2,500.00	\$150.00	\$7,500.00
72	Item 255 Full Depth Pavement Removal and Rigid Replacement Class "FS" T = 9" SC-118	S.Y.	50	\$50.00	\$2,500.00	\$60.00	\$3,000.00	\$50.00	\$2,500.00	\$170.00	\$8,500.00
73	Item 255 Full Depth Pavement Removal and Rigid Replacement Class "MS" T=9" SC-118	S.Y.	50	\$150.00	\$7,500.00	\$177.00	\$8,850.00	\$150.00	\$7,500.00	\$160.00	\$8,000.00
74	Additional Item 255 Full Depth Pavement Removal and Rigid Replacement Class "MS" T=9" to be used at various locations as Directed by Engineer SC-118	S.Y.	600	\$160.00	\$96,000.00	\$189.00	\$113,400.00	\$160.00	\$96,000.00	\$150.00	\$90,000.00
75	12" Dia. H.D.P.E. Ditch Enclosure with Premium Backfill SC-163	L.F.	NIC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
76	Item 451 1" Full Depth Expansion Joint as per Plan SC-119	L.F.	125	\$30.00	\$3,750.00	\$36.00	\$4,500.00	\$30.00	\$3,750.00	\$50.00	\$6,250.00
77	Relocate Mail Boxes as Directed by Engineer, SC-160	Ea.	10	\$100.00	\$1,000.00	\$124.00	\$1,240.00	\$210.00	\$2,100.00	\$200.00	\$2,000.00

ADDITIONAL ITEMS 78-81 TO BE USED AS DIRECTED BY THE ENGINEER											
78	Foreman	Hrs	150	\$70.00	\$10,500.00	\$70.00	\$10,500.00	\$70.00	\$10,500.00	\$70.00	\$10,500.00
79	Labor	Hrs	200	\$40.00	\$8,000.00	\$40.00	\$8,000.00	\$40.00	\$8,000.00	\$40.00	\$8,000.00
80	Operator	Hrs	150	\$60.00	\$9,000.00	\$60.00	\$9,000.00	\$60.00	\$9,000.00	\$60.00	\$9,000.00
81	Misc. Equipment	Hrs	150	\$100.00	\$15,000.00	\$100.00	\$15,000.00	\$100.00	\$15,000.00	\$100.00	\$15,000.00

Total Bid (1-81)

\$953,740.00

\$979,270.00

\$993,716.25

\$1,064,009.00