

Bid Opening Date March 31, 2020
2020 Asphalt Overlay with Concrete Repairs
Engineers Estimate \$1,200,000.00

				Specilized Construction	Cross Roads Asphalt		Ronyak Paving		Barbicas Construciton		Chagrin Valley		
2020 Asphalt overlay with concret repairs													
LINE NO.	DESCRIPTION	UNIT	EST. QUAN	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST
1	Mobilization, SC-129	L.S.	1	\$29,000.00	\$29,000.00	\$15,400.00	\$15,400.00	\$55,500.00	\$55,500.00	\$125,000.00	\$125,000.00	\$65,000.00	\$65,000.00
2	Maintaining Traffic, SC-127	L.S.	1	\$23,500.00	\$23,500.00	\$19,000.00	\$19,000.00	\$53,000.00	\$53,000.00	\$65,000.00	\$65,000.00	\$95,750.00	\$95,750.00
3	Bonds and Insurance SC-113	L.S.	1	\$5,000.00	\$5,000.00	\$7,250.00	\$7,250.00	\$9,500.00	\$9,500.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
4	Concrete Walk Removed SC-114 & SC-126	S.F.	50	\$1.00	\$50.00	\$1.00	\$50.00	\$5.00	\$250.00	\$1.00	\$50.00	\$3.00	\$150.00
5	Curb Removed, SC-114	L.F.	100	\$5.00	\$500.00	\$5.00	\$500.00	\$15.00	\$1,500.00	\$5.00	\$500.00	\$13.00	\$1,300.00
6	Catch Basin or Inlet Removed, SC-114	Ea.	1	\$500.00	\$500.00	\$500.00	\$500.00	\$300.00	\$300.00	\$500.00	\$500.00	\$975.00	\$975.00
7	O.D.O.T 253 Flexible Pavement Repair,As Directed SC-156	S.Y.	200	\$100.00	\$20,000.00	\$70.00	\$14,000.00	\$82.00	\$16,400.00	\$80.00	\$16,000.00	\$100.00	\$20,000.00
8	Special Pavement Planing 2 1/2", SC-116	S.Y.	27,500	\$5.00	\$137,500.00	\$5.25	\$144,375.00	\$3.00	\$82,500.00	\$4.00	\$110,000.00	\$6.75	\$185,625.00
9	Partial Depth Pavement Sawing, As Directed by Engineer SC-145	L.F.	14,020	\$2.00	\$28,040.00	\$0.75	\$10,515.00	\$2.75	\$38,555.00	\$1.25	\$17,525.00	\$1.50	\$21,030.00
10	Single Chip seal w/ Polymer Binder and Cover Aggreagte No. 8, SC-148	S.Y.	27,500	\$2.25	\$61,875.00	\$2.00	\$55,000.00	\$2.50	\$68,750.00	\$1.60	\$44,000.00	\$1.75	\$48,125.00
11	Item 255-Full Depth Pavmt. Removal and Rigid Replacement Drive Apron Residential Class "MS" T=7" SC-123	S.Y.	20	\$100.00	\$2,000.00	\$100.00	\$2,000.00	\$100.00	\$2,000.00	\$90.00	\$1,800.00	\$100.00	\$2,000.00
12	Item 255-Full Depth Pavmt. Removal and Rigid Replacement Drive Apron Residential Class "MS" T=6" SC-123	S.Y.	20	\$120.00	\$2,400.00	\$120.00	\$2,400.00	\$100.00	\$2,000.00	\$100.00	\$2,000.00	\$90.00	\$1,800.00
13	Reclamite Asphalt Rejuvenation Agent Penetrating Sealer, SC-124	S.Y.	27,500	\$1.00	\$27,500.00	\$0.94	\$25,850.00	\$1.00	\$27,500.00	\$0.90	\$24,750.00	\$1.00	\$27,500.00
14	City Standard Manhole, As per plan, SC-125	Ea.	1	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00
15	City Standard Catch Basin/Inlet, As per plan, SC-125	Ea.	1	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$1,800.00	\$1,800.00	\$2,300.00	\$2,300.00
16	City Standard Monument Box, As per plan, SC-125	Ea.	1	\$500.00	\$500.00	\$500.00	\$500.00	\$600.00	\$600.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00
17	Manholes Adjusted to Grade, As per plan, SC-125	Ea.	4	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00	\$850.00	\$3,400.00	\$1,000.00	\$4,000.00	\$950.00	\$3,800.00
18	Manholes Reconstructed to Grade, As per plan, SC-125	Ea.	2	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00	\$1,050.00	\$2,100.00	\$1,500.00	\$3,000.00	\$1,100.00	\$2,200.00

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LINE NO.	DESCRIPTION	UNIT	EST. QUAN	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST	COST/UNIT	TOTAL COST
19	Catch Basin or Inlet Adjusted to Grade, As per plan, SC-125	Ea.	20	\$2,500.00	\$50,000.00	\$2,500.00	\$50,000.00	\$2,100.00	\$42,000.00	\$2,000.00	\$40,000.00	\$2,200.00	\$44,000.00
20	Catch Basin or Inlet Reconstructed to Grade, As per plan, SC-125	Ea.	8	\$2,800.00	\$22,400.00	\$2,800.00	\$22,400.00	\$2,500.00	\$20,000.00	\$2,500.00	\$20,000.00	\$2,750.00	\$22,000.00
21	Water Valve Box Adjusted to Grade, As per plan, SC-125	Ea.	11	\$500.00	\$5,500.00	\$500.00	\$5,500.00	\$600.00	\$6,600.00	\$400.00	\$4,400.00	\$500.00	\$5,500.00
22	Monument Box Adjusted to Grade, As per plan, SC-125	Ea.	10	\$500.00	\$5,000.00	\$500.00	\$5,000.00	\$125.00	\$1,250.00	\$400.00	\$4,000.00	\$500.00	\$5,000.00
23	4" Concrete Walk, SC-126	S.F.	50	\$8.00	\$400.00	\$8.00	\$400.00	\$9.00	\$450.00	\$8.00	\$400.00	\$8.50	\$425.00
24	6" Concrete Walk, Not Including Drive Aprons SC-126	S.F.	50	\$9.00	\$450.00	\$9.00	\$450.00	\$10.00	\$500.00	\$9.00	\$450.00	\$10.25	\$512.50
25	Curb Ramp, As per plan, SC-126	S.F.	360	\$15.00	\$5,400.00	\$15.00	\$5,400.00	\$18.00	\$6,480.00	\$15.00	\$5,400.00	\$18.00	\$6,480.00
26	Dust Control, SC-128	L.S.	1	\$1.00	\$1.00	\$1,000.00	\$1,000.00	\$1.00	\$1.00	\$600.00	\$600.00	\$425.00	\$425.00
27	Seeding and Mulching-Site Restoration Including Topsoil and Fine Grading SC-131	S.Y.	200	\$10.00	\$2,000.00	\$10.00	\$2,000.00	\$10.00	\$2,000.00	\$10.00	\$2,000.00	\$30.00	\$6,000.00
28	Sodding As Directed by the Engineer, SC-132	S.Y.	10	\$15.00	\$150.00	\$15.00	\$150.00	\$20.00	\$200.00	\$15.00	\$150.00	\$100.00	\$1,000.00
29	6" Dia. Storm Sewer w/Low Strength Mortar Backfill, Type 2, As Directed SC-133	L.F.	20	\$10.00	\$200.00	\$10.00	\$200.00	\$100.00	\$2,000.00	\$10.00	\$200.00	\$50.00	\$1,000.00
30	8" Dia. Storm Sewer w/Low Strength Mortar Backfill, Type 2, As Directed SC-133	L.F.	20	\$11.00	\$220.00	\$11.00	\$220.00	\$110.00	\$2,200.00	\$11.00	\$220.00	\$75.00	\$1,500.00
31	10" Dia. Storm Sewer w/Low Strength Mortar Backfill, Type 2, As Directed SC-133	L.F.	30	\$15.00	\$450.00	\$15.00	\$450.00	\$120.00	\$3,600.00	\$15.00	\$450.00	\$85.00	\$2,550.00
32	12" Dia. Storm Sewer w/Low Strength Mortar Backfill, Type 2, As Directed SC-133	L.F.	50	\$50.00	\$2,500.00	\$50.00	\$2,500.00	\$130.00	\$6,500.00	\$40.00	\$2,000.00	\$100.00	\$5,000.00
33	6" Underdrain, As Directed by the Engineer, SC-142	L.F.	100	\$10.00	\$1,000.00	\$10.00	\$1,000.00	\$15.00	\$1,500.00	\$10.00	\$1,000.00	\$25.00	\$2,500.00
34	Monument Box-Reference Removal and Replacement, As Directed by the Engineer SC-134	Ea.	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$750.00	\$750.00	\$500.00	\$500.00	\$2,000.00	\$2,000.00
35	Temporary Sediment and Erosion Control, SC-135	L.S.	1	\$700.00	\$700.00	\$4,375.00	\$4,375.00	\$6,000.00	\$6,000.00	\$642.90	\$642.90	\$100.00	\$100.00

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36	Misc. Metal as Directed by the Engineer SC-151	Lbs.	1,000	\$1.50	\$1,500.00	\$1.50	\$1,500.00	\$1.50	\$1,500.00	\$1.50	\$1,500.00	\$3.00	\$3,000.00
37	Pavement Fabric GlasPave 50 or Approved Equal, SC 146	S.Y.	27,500	\$5.45	\$149,875.00	\$5.45	\$149,875.00	\$5.45	\$149,875.00	\$5.00	\$137,500.00	\$5.50	\$151,250.00
38	Sanitary Manhole Rehabilitation SC-150	Ea.	2	\$1,250.00	\$2,500.00	\$1,250.00	\$2,500.00	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$4,000.00
39	Item Special Additional Excavation as Directed, SC-138	C.Y.	10	\$20.00	\$200.00	\$20.00	\$200.00	\$100.00	\$1,000.00	\$20.00	\$200.00	\$50.00	\$500.00
40	Item Special Additional Premium Backfill as Directed, SC-139	C.Y.	10	\$25.00	\$250.00	\$25.00	\$250.00	\$100.00	\$1,000.00	\$25.00	\$250.00	\$100.00	\$1,000.00
41	Sanitary Manhole Plugs SC-149	Ea.	10	\$5.00	\$50.00	\$5.00	\$50.00	\$10.00	\$100.00	\$10.00	\$100.00	\$500.00	\$5,000.00
42	Type 3 curb Installed/Repaired, SC-153	L.F.	50	\$50.00	\$2,500.00	\$50.00	\$2,500.00	\$50.00	\$2,500.00	\$40.00	\$2,000.00	\$60.00	\$3,000.00
43	Type 6 Curb Installed/Repaired SC-153	L.F.	50	\$45.00	\$2,250.00	\$45.00	\$2,250.00	\$50.00	\$2,500.00	\$35.00	\$1,750.00	\$75.00	\$3,750.00
44	Item 642 - Edge Line, Type 1, SC-130	Mile	0.05	\$1,100.00	\$55.00	\$6,000.00	\$300.00	\$6,000.00	\$300.00	\$1,100.00	\$55.00	\$1,100.00	\$55.00
45	Item 642 - Crosswalk Line, Type 1, SC-130	L.F.	200	\$2.50	\$500.00	\$3.25	\$650.00	\$3.25	\$650.00	\$2.50	\$500.00	\$2.50	\$500.00
46	Item 642 - Stop Line, Type 1, SC-130	L.F.	60	\$4.00	\$240.00	\$4.00	\$240.00	\$4.00	\$240.00	\$4.00	\$240.00	\$4.00	\$240.00
47	Item 642 Arrow Straight SC-130	Ea.	1	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00
48	Item 642 Arrow Turn SC-130	Ea.	1	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00
49	Item 642 Double Yellow Centerline SC-130	Mile	0.25	\$1,500.00	\$375.00	\$1,500.00	\$375.00	\$1,500.00	\$375.00	\$1,500.00	\$375.00	\$1,500.00	\$375.00
50	Item 642 Dashed Yellow Centerline SC-130	Mile	0.50	\$1,500.00	\$750.00	\$1,200.00	\$600.00	\$1,200.00	\$600.00	\$1,500.00	\$750.00	\$1,500.00	\$750.00
51	Traffic Loop SC-152	Ea.	1	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$1,100.00	\$1,100.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
52	Item 255 Full Depth Pavement Removal and Rigid Replacement Class "MS" T = 7" SC-118	S.Y.	690	\$95.00	\$65,550.00	\$95.00	\$65,550.00	\$100.00	\$69,000.00	\$90.00	\$62,100.00	\$100.00	\$69,000.00

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53	Item 255 Full Depth Pavement Removal and Rigid Replacement Class "FS" T = 7" SC-118	S.Y.	50	\$115.00	\$5,750.00	\$115.00	\$5,750.00	\$100.00	\$5,000.00	\$100.00	\$5,000.00	\$105.00	\$5,250.00
54	Item 255 Full Depth Pavement Removal and Rigid Replacement Class "FS" T = 9" SC-118	S.Y.	10	\$120.00	\$1,200.00	\$120.00	\$1,200.00	\$110.00	\$1,100.00	\$120.00	\$1,200.00	\$110.00	\$1,100.00
55	Item 255 Full Depth Pavement Removal and Rigid Replacement Class "MS" T=9" SC-118	S.Y.	10	\$100.00	\$1,000.00	\$100.00	\$1,000.00	\$110.00	\$1,100.00	\$100.00	\$1,000.00	\$120.00	\$1,200.00
56	Item 451 1" Full Depth Expansion Joint as per Plan SC-120	L.F.	100	\$10.00	\$1,000.00	\$10.00	\$1,000.00	\$20.00	\$2,000.00	\$10.00	\$1,000.00	\$25.00	\$2,500.00
57	Partial Depth Pavement Repairs, As Directed by Engineer SC-155	S.Y.	200	\$75.00	\$15,000.00	\$42.00	\$8,400.00	\$125.00	\$25,000.00	\$41.00	\$8,200.00	\$100.00	\$20,000.00
58	Item 441- (448) Surface Course Asphalt Pavement Type 1 - 1 1/2" SC-121	C.Y.	1,154	\$195.00	\$225,030.00	\$208.00	\$240,032.00	\$175.00	\$201,950.00	\$200.00	\$230,800.00	\$185.00	\$213,490.00
59	Item 441- (448) Intermediate Course Asphalt Pavement Type 1 - 1", SC-121	C.Y.	836	\$170.00	\$142,120.00	\$175.00	\$146,300.00	\$175.00	\$146,300.00	\$180.00	\$150,480.00	\$170.00	\$142,120.00
60	Item 202 Asphalt Pavement Removal SC-114	S.Y.	900	\$20.00	\$18,000.00	\$20.00	\$18,000.00	\$25.00	\$22,500.00	\$20.00	\$18,000.00	\$12.00	\$10,800.00
61	Item 304 Aggregate Base SC-159	C.Y.	200	\$55.00	\$11,000.00	\$55.00	\$11,000.00	\$85.00	\$17,000.00	\$55.00	\$11,000.00	\$52.00	\$10,400.00
62	Item 305 9" Concrete Base MS SC-160	S.Y.	600	\$80.00	\$48,000.00	\$80.00	\$48,000.00	\$80.00	\$48,000.00	\$80.00	\$48,000.00	\$100.00	\$60,000.00
63	Item 204 Subgrade Compaction SC-158	S.Y.	600	\$1.00	\$600.00	\$50.00	\$30,000.00	\$5.00	\$3,000.00	\$0.50	\$300.00	\$1.50	\$900.00
64	Roadway Embankment SC-157	C.Y.	200	\$30.00	\$6,000.00	\$30.00	\$6,000.00	\$50.00	\$10,000.00	\$20.00	\$4,000.00	\$50.00	\$10,000.00
65	Roadway Excavation SC-157	C.Y.	200	\$20.00	\$4,000.00	\$20.00	\$4,000.00	\$50.00	\$10,000.00	\$15.00	\$3,000.00	\$25.00	\$5,000.00
ADDITIONAL ITEMS 66-69 TO BE USED AS DIRECTED BY THE ENGINEER													
66	Foreman	Hrs	150	\$70.00	\$10,500.00	\$70.00	\$10,500.00	\$70.00	\$10,500.00	\$70.00	\$10,500.00	\$70.00	\$10,500.00
67	Labor	Hrs	200	\$40.00	\$8,000.00	\$40.00	\$8,000.00	\$40.00	\$8,000.00	\$40.00	\$8,000.00	\$40.00	\$8,000.00
68	Operator	Hrs	150	\$60.00	\$9,000.00	\$60.00	\$9,000.00	\$60.00	\$9,000.00	\$60.00	\$9,000.00	\$60.00	\$9,000.00
69	Misc. Equipment	Hrs	150	\$100.00	\$15,000.00	\$100.00	\$15,000.00	\$100.00	\$15,000.00	\$100.00	\$15,000.00	\$100.00	\$15,000.00
				\$1,198,681.00			\$1,205,557.00		\$1,239,726.00		\$1,246,787.90		\$1,365,377.50

Total Bid (1-69)