

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION  
COLUMBUS, OHIO

**PROPOSED HIGHWAY  
IMPROVEMENTS FOR CONTRACT  
LETTING**

February 11, 2021

This pamphlet is issued solely for the purpose of circulating advance information pertaining to proposed Highway improvements and the Department does not guarantee the correctness of any information printed herein.



See Back Cover for District Information

An Equal Opportunity Employer

Thursday, February 11, 2021

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**ODOT = Ohio Department of Transportation**  
**CFR = Code of Federal Regulations**  
**O.R.C. = Ohio Revised Code**

- D** Disadvantaged Business Enterprise (DBE) Requirement. DBE participation goals (subcontracts, materials, supplies) have been set on this project for those certified as DBE's in accordance with the TEA - 21(1998) and 49 CFR, Part 26, and qualified to bid with ODOT under Chapter 5525 of the O.R.C.
- E** EDGE Requirement. An EDGE participation goal has been established (subcontracts, materials, supplies) on this project for those certified as EDGE firms in accordance with O.R.C. Section 123.152 and qualified to bid with ODOT pursuant to O.R.C. Chapter 5525.
- S** SBE Set-Aside. This project is set-aside for SBE (Small Business Enterprise) contractors only, in accordance with 49 CFR, Part 26, and qualified to bid with ODOT pursuant to O.R.C. Chapter 5525.

**Project Number: 210002**  
**PID: 92953**  
**Medina**  
SR 18-12.99 (PART 1 AND PART 2)  
E120(394)

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DBE Goal: 9%

Date Set for Completion: 6/30/2024

Type: MAJOR RECONSTRUCTION

Plan Cost: \$204.00

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF MEDINA, TOWNSHIPS OF MEDINA AND MONTVILLE, IN MEDINA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY WIDENING AND RECONSTRUCTION OF THE ROADWAY, CONSTRUCTING A NEW BRIDGE FOR A MULTI-USE PATH, IMPROVING DRAINAGE, TRAFFIC SIGNALS, AND SIGNAGE, AND PERFORMING ALL RELATED WORK.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY (PART 1)</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E20010	HEADWALL REMOVED (WT: NR)	EACH	12.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	60,882.000
0004	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	27,866.000
0005	202E30000	WALK REMOVED (WT: NR)	SF	13,691.000
0006	202E30700	CONCRETE BARRIER REMOVED (WT: NR)	FT	5.000
0007	202E32000	CURB REMOVED (WT: NR)	FT	13,446.000
0008	202E32001	CURB REMOVED, AS PER PLAN (WT: NR)	FT	17.000
0009	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	1,057.000
0010	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	5,425.000
0011	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	779.000
0012	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	3,683.000
0013	202E58000	MANHOLE REMOVED (WT: NR)	EACH	28.000
0014	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	106.000
0015	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 18" (WT: NR)	FT	103.000
0016	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 24" (WT: NR)	FT	108.000
0017	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 6' X 3' BOX (WT: NR)	FT	94.000

0018	202E75000	FENCE REMOVED (WT: NR)	FT	1,225.000
0019	202E75250	GATE REMOVED (WT: NR)	EACH	5.000
0020	202E75610	VALVE BOX REMOVED (WT: NR)	EACH	31.000
0021	202E98100	REMOVAL MISC.:BOLLARDS REMOVED (WT: NR)	EACH	8.000
0022	202E98100	REMOVAL MISC.:BOOSTER STATION REMOVED (WT: NR)	EACH	1.000
0023	202E98100	REMOVAL MISC.:CISTERN REMOVED (WT: NR)	EACH	1.000
0024	202E98100	REMOVAL MISC.:FIRE VAULT REMOVED (WT: NR)	EACH	2.000
0025	202E98100	REMOVAL MISC.:FLAG POLE REMOVED (WT: NR)	EACH	1.000
0026	202E98100	REMOVAL MISC.:LIGHT REMOVED (WT: NR)	EACH	8.000
0027	202E98100	REMOVAL MISC.:SHED REMOVED (WT: NR)	EACH	1.000
0028	202E98100	REMOVAL MISC.:SIGN REMOVED (WT: NR)	EACH	30.000
0029	202E98100	REMOVAL MISC.:SPRINKLER HEAD REMOVED (WT: NR)	EACH	22.000
0030	202E98100	REMOVAL MISC.:SUMP PUMP VAULT REMOVED (WT: NR)	EACH	1.000
0031	202E98100	REMOVAL MISC.:UTILITY VAULT REMOVED (WT: NR)	EACH	8.000
0032	202E98200	REMOVAL MISC.:DUCT BANK REMOVED (WT: NR)	FT	4,000.000
0033	202E98200	REMOVAL MISC.:WALL REMOVED (WT: NR)	FT	33.000
0034	203E10000	EXCAVATION (WT: 04)	CY	73,888.000
0035	203E20000	EMBANKMENT (WT: 04)	CY	27,729.000
0036	203E20001	EMBANKMENT, AS PER PLAN (WT: 04)	CY	2,433.000
0037	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	27,724.000
0038	204E13000	EXCAVATION OF SUBGRADE (WT: 04)	CY	5,343.000
0039	204E30011	GRANULAR MATERIAL, TYPE B, AS PER PLAN (WT: 04)	CY	5,343.000
0040	204E45000	PROOF ROLLING (WT: NR)	HOUR	73.000
0041	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	4,163.000
0042	204E51000	GEOGRID (WT: 06)	SY	6,776.000
0043	206E10500	CEMENT (WT: NR)	TON	2,976.000
0044	206E11000	CURING COAT (WT: 07)	SY	100,046.000
0045	206E15010	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP (WT: 07)	SY	100,046.000
0046	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	2,326.000

0047	606E17360	GUARDRAIL, TYPE MGS, LONG-SPAN (WT: 36)	FT	125.000
0048	606E26150	ANCHOR ASSEMBLY, MGS TYPE E(MASH 2016) (WT: 36)	EACH	6.000
0049	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	16.000
0050	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	2.000
0051	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	2.000
0052	607E98000	FENCE, MISC.:WOOD FENCE (WT: 37)	FT	1,810.000
0053	608E10000	4" CONCRETE WALK (WT: 38)	SF	112,756.000
0054	608E13001	6" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	1,160.000
0055	608E15001	8" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	2,709.000
0056	608E52000	CURB RAMP (WT: 38)	SF	16,847.000
0057	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	31.000
0058	623E40500	REFERENCE MONUMENT (WT: NR)	EACH	2.000
0059	623E40520	RIGHT-OF-WAY MONUMENT (WT: NR)	EACH	192.000
0060	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	35.000

**Total 0001 ROADWAY (PART 1)**

<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL (PART 1)</b>		
0061	601E11000	RIPRAP, TYPE D (WT: 35)	SY	6.000
0062	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	335.000
0063	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	42.000
0064	601E32004	ROCK CHANNEL PROTECTION, TYPE A WITH GEOTEXTILE FABRIC (WT: 35)	CY	143.000
0065	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	11.000
0066	601E32110	ROCK CHANNEL PROTECTION, TYPE B WITH AGGREGATE FILTER (WT: 35)	CY	51.000
0067	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	13.000
0068	601E32210	ROCK CHANNEL PROTECTION, TYPE C WITH AGGREGATE FILTER (WT: 35)	CY	2.000
0069	601E37501	PAVED GUTTER, TYPE 1-2, AS PER PLAN (WT: 38)	FT	342.000
0070	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	4.000
0071	659E00300	TOPSOIL (WT: 46)	CY	7,711.000
0072	659E10000	SEEDING AND MULCHING (WT: 46)	SY	69,470.000

0073	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	3,474.000
0074	659E15000	INTER-SEEDING (WT: 46)	SY	3,474.000
0075	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	9.690
0076	659E31000	LIME (WT: 46)	ACRE	14.350
0077	659E35000	WATER (WT: 46)	MGAL	385.000
0078	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	938.000
0079	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0080	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0081	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0082	832E30000	EROSION CONTROL (WT: 08)	EACH	114,607.000
<b>Total 0002</b>		<b>EROSION CONTROL (PART 1)</b>		
<b>Section</b>	<b>0003</b>	<b>ENVIRONMENTAL / REMEDIATION (PART 1)</b>		
0083	690E65016	SPECIAL - WORK INVOLVING PETROLEUM CONTAMINATED SOIL (WT: NR)	TON	600.000
0084	690E65022	SPECIAL - WORK INVOLVING NON- REGULATED WATER (WT: NR)	GAL	150.000
0085	690E65024	SPECIAL - WORK INVOLVING REGULATED WATER (WT: NR)	GAL	150.000
<b>Total 0003</b>		<b>ENVIRONMENTAL / REMEDIATION (PART 1)</b>		
<b>Section</b>	<b>0004</b>	<b>DRAINAGE (PART 1)</b>		
0086	602E20000	CONCRETE MASONRY (WT: 35)	CY	12.900
0087	605E12210	6" DEEP PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, 707.31 (WT: 35)	FT	1,969.000
0088	605E13410	6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, 707.31 (WT: 35)	FT	1,128.000
0089	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, 707.31 (WT: 35)	FT	46,645.000
0090	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	1,706.000
0091	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	200.000
0092	611E01100	6" CONDUIT, TYPE C (WT: 35)	FT	200.000
0093	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	200.000
0094	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	240.000
0095	611E01800	8" CONDUIT, TYPE B, 707.42 (WT: 35)	FT	3.000
0096	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	2,763.000
0097	611E04400	12" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	26.000
0098	611E04400	12" CONDUIT, TYPE B, 706.02 (CLASS IV) (WT: 35)	FT	1,310.000

0099	611E04400	12" CONDUIT, TYPE B, 706.02 (CLASS IV) WITH 706.11 JOINTS (WT: 35)	FT	148.000
0100	611E04400	12" CONDUIT, TYPE B, 707.42 (WT: 35)	FT	26.000
0101	611E04400	12" CONDUIT, TYPE B, 748.02 (WT: 35)	FT	674.000
0102	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	411.000
0103	611E04600	12" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	20.000
0104	611E04600	12" CONDUIT, TYPE C, 706.02 (CLASS IV) (WT: 35)	FT	388.000
0105	611E04600	12" CONDUIT, TYPE C, 707.42 (WT: 35)	FT	21.000
0106	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	2,110.000
0107	611E05900	15" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	13.000
0108	611E05900	15" CONDUIT, TYPE B, 706.02 (CLASS IV) (WT: 35)	FT	578.000
0109	611E05900	15" CONDUIT, TYPE B, 706.02 (CLASS IV) WITH 706.11 JOINTS (WT: 35)	FT	73.000
0110	611E05900	15" CONDUIT, TYPE B, 707.42 (WT: 35)	FT	4.000
0111	611E05900	15" CONDUIT, TYPE B, 748.02 (WT: 35)	FT	421.000
0112	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	386.000
0113	611E06100	15" CONDUIT, TYPE C, 706.02 (CLASS IV) (WT: 35)	FT	219.000
0114	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	1,378.000
0115	611E07400	18" CONDUIT, TYPE B, 706.02 (CLASS IV) (WT: 35)	FT	312.000
0116	611E07400	18" CONDUIT, TYPE B, 748.02 (WT: 35)	FT	226.000
0117	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	32.000
0118	611E08200	18" CONDUIT, TYPE F, 707.05 TYPE C OR 707.21 (WT: 35)	FT	58.000
0119	611E08900	21" CONDUIT, TYPE B (WT: 35)	FT	1,060.000
0120	611E08900	21" CONDUIT, TYPE B, 706.02 (CLASS IV) (WT: 35)	FT	152.000
0121	611E09100	21" CONDUIT, TYPE C (WT: 35)	FT	53.000
0122	611E09100	21" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	12.000
0123	611E10400	24" CONDUIT, TYPE B (WT: 35)	FT	374.000
0124	611E10400	24" CONDUIT, TYPE B, 748.02 (WT: 35)	FT	350.000
0125	611E10600	24" CONDUIT, TYPE C (WT: 35)	FT	443.000
0126	611E16400	36" CONDUIT, TYPE B (WT: 35)	FT	273.000
0127	611E16400	36" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	6.000
0128	611E16400	36" CONDUIT, TYPE B, 748.02 (WT: 35)	FT	449.000
0129	611E16600	36" CONDUIT, TYPE C (WT: 35)	FT	84.000
0130	611E16600	36" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	122.000



0131	611E20900	48" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	163.000
0132	611E21100	48" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	54.000
0133	611E53200	48" X 76" CONDUIT, TYPE A, 706.04, 706.04 (WT: 35)	FT	123.000
0134	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	24.000
0135	611E98151	CATCH BASIN, NO. 3, AS PER PLAN (WT: 35)	EACH	3.000
0136	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	80.000
0137	611E98181	CATCH BASIN, NO. 3A, AS PER PLAN (WT: 35)	EACH	5.000
0138	611E98370	CATCH BASIN, NO. 6 (WT: 35)	EACH	1.000
0139	611E98450	CATCH BASIN, NO. 2-2A (WT: 35)	EACH	1.000
0140	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	7.000
0141	611E98510	CATCH BASIN, NO. 2-3 (WT: 35)	EACH	3.000
0142	611E98540	CATCH BASIN, NO. 2-4 (WT: 35)	EACH	2.000
0143	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	3.000
0144	611E98635	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	1.000
0145	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	38.000
0146	611E99575	MANHOLE, NO. 3, AS PER PLAN "A" (WT: 35)	EACH	3.000
0147	611E99575	MANHOLE, NO. 3, AS PER PLAN "B" (WT: 35)	EACH	1.000
0148	611E99582	MANHOLE, NO. 3 WITH 90" BASE I.D. AND 8" WEIR (WT: 35)	EACH	1.000
0149	611E99584	MANHOLE, NO. 3 WITH 96" BASE I.D. AND 9" WEIR (WT: 35)	EACH	1.000
0150	611E99586	MANHOLE, NO. 3 WITH 108" BASE I.D. AND 12" WEIR (WT: 35)	EACH	1.000
0151	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	5.000
0152	611E99660	MANHOLE RECONSTRUCTED TO GRADE (WT: 35)	EACH	1.000
0153	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	4.000
0154	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	1,000.000
0155	611E99900	DRAINAGE STRUCTURE, MISC.:UNDERGROUND DETENTION STORAGE (NO. 1) (WT: 35)	EACH	1.000
0156	611E99900	DRAINAGE STRUCTURE, MISC.:UNDERGROUND DETENTION STORAGE (NO. 2) (WT: 35)	EACH	1.000
0157	611E99900	DRAINAGE STRUCTURE, MISC.:UNDERGROUND DETENTION STORAGE (NO. 3) (WT: 35)	EACH	1.000
0158	895E10020	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 2 (WT: 35)	EACH	1.000

0159	895E10030	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 3 (WT: 35)	EACH	1.000
0160	895E10040	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 4 (WT: 35)	EACH	1.000

**Total 0004 DRAINAGE (PART 1)**

<b>Section</b>	<b>0005</b>	<b>PAVEMENT (PART 1)</b>		
0161	255E10010	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1 (WT: 17)	SY	2,000.000
0162	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	13,091.000
0163	304E20000	AGGREGATE BASE (WT: 09)	CY	20,957.000
0164	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	9,472.000
0165	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	123.000
0166	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	171.000
0167	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	99.000
0168	441E50500	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	5.000
0169	441E50600	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), (DRIVEWAYS) (WT: 10)	CY	138.000
0170	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	3,383.000
0171	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	3,945.000
0172	452E10050	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	804.000
0173	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	1,118.000
0174	452E12050	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	4,106.000
0175	452E13010	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	16,382.000
0176	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	29,772.000
0177	609E12001	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN (WT: 38)	FT	943.000
0178	609E14000	CURB, TYPE 2-A (WT: 38)	FT	1,313.000
0179	609E18000	COMBINATION CURB AND GUTTER, TYPE 3 (WT: 38)	FT	67.000
0180	609E26000	CURB, TYPE 6 (WT: 38)	FT	2,834.000

0181	609E57000	8" CONCRETE TRAFFIC ISLAND (WT: 38)	SY	24.000
0182	609E72000	CONCRETE MEDIAN (WT: 38)	SY	2,101.000
0183	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	59.000

**Total 0005 PAVEMENT (PART 1)**

<b>Section</b>	<b>0006</b>	<b>WATER WORK (PART 1)</b>		
0184	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	4.000
0185	611E99660	MANHOLE RECONSTRUCTED TO GRADE (WT: 35)	EACH	2.000
0186	638E10400	FIRE HYDRANT ADJUSTED TO GRADE (WT: 35)	EACH	7.000
0187	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	69.000
0188	638E10900	SERVICE BOX ADJUSTED TO GRADE (WT: 35)	EACH	5.000
0189	638E20080	SPECIAL - 8" WATER MAIN DIP CLASS 52 MECHANICAL JOINTS AND FITTINGS (CITY OF MEDINA) (WT: 35)	FT	2,575.000
0190	638E20168	SPECIAL - 12" WATER MAIN DIP CLASS 52 MECHANICAL JOINTS AND FITTINGS (CITY OF MEDINA) (WT: 35)	FT	20.000
0191	638E20418	SPECIAL - 6" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS (C-900 OR C- 909), DUCTILE IRON MECHANICAL JOINTS (MEDINA COUNTY) (WT: 35)	FT	69.000
0192	638E20420	SPECIAL - 8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS (C-900 OR C- 909), DUCTILE IRON MECHANICAL JOINTS (MEDINA COUNTY) (WT: 35)	FT	1,648.000
0193	638E20424	SPECIAL - 12" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS (C-900 OR C- 909), DUCTILE IRON MECHANICAL JOINTS (MEDINA COUNTY) (WT: 35)	FT	3,416.000
0194	638E20538	SPECIAL - 6" GATE VALVE WITH VALVE BOX (MEDINA COUNTY) (WT: 35)	EACH	2.000
0195	638E20550	SPECIAL - 6" CUTTING IN SLEEVE, VALVE WITH VALVE BOX (MEDINA COUNTY) (WT: 35)	EACH	2.000
0196	638E20554	SPECIAL - 8" GATE VALVE WITH VALVE BOX (CITY OF MEDINA) (WT: 35)	EACH	3.000
0197	638E20554	SPECIAL - 8" GATE VALVE WITH VALVE BOX (MEDINA COUNTY) (WT: 35)	EACH	6.000
0198	638E20566	SPECIAL - 8" CUTTING IN SLEEVE, VALVE WITH VALVE BOX (CITY OF MEDINA) (WT: 35)	EACH	5.000
0199	638E20566	SPECIAL - 8" CUTTING IN SLEEVE, VALVE WITH VALVE BOX (MEDINA COUNTY) (WT: 35)	EACH	7.000

0200	638E20586	SPECIAL - 12" GATE VALVE WITH VALVE BOX (CITY OF MEDINA) (WT: 35)	EACH	1.000
0201	638E20586	SPECIAL - 12" GATE VALVE WITH VALVE BOX (MEDINA COUNTY) (WT: 35)	EACH	4.000
0202	638E20598	SPECIAL - 12" CUTTING IN SLEEVE, VALVE WITH VALVE BOX (CITY OF MEDINA) (WT: 35)	EACH	1.000
0203	638E20598	SPECIAL - 12" CUTTING IN SLEEVE, VALVE WITH VALVE BOX (MEDINA COUNTY) (WT: 35)	EACH	12.000
0204	638E20706	SPECIAL - 12" X 6" TAPPING SLEEVE, VALVE AND VALVE BOX (MEDINA COUNTY) (WT: 35)	EACH	1.000
0205	638E20708	SPECIAL - 12" X 8" TAPPING SLEEVE, VALVE AND VALVE BOX (MEDINA COUNTY) (WT: 35)	EACH	1.000
0206	638E20712	SPECIAL - 12" X 12" TAPPING SLEEVE, VALVE AND VALVE BOX (MEDINA COUNTY)	EACH	2.000
0207	638E20762	SPECIAL - FIRE HYDRANT SERVICE LINE EXTENDED AND ADJUSTED TO GRADE (CITY OF MEDINA) (WT: 35)	EACH	2.000
0208	638E20762	SPECIAL - FIRE HYDRANT SERVICE LINE EXTENDED AND ADJUSTED TO GRADE (MEDINA COUNTY) (WT: 35)	EACH	2.000
0209	638E20890	SPECIAL - CUT AND PLUG EXISTING 24" WATER LINE (CITY OF MEDINA) (WT: 35)	EACH	1.000
0210	638E21600	SPECIAL - FIRE HYDRANT AND GATE VALVE REMOVED AND RESET (CITY OF MEDINA) (WT: 35)	EACH	5.000
0211	638E21600	SPECIAL - FIRE HYDRANT AND GATE VALVE REMOVED AND RESET (MEDINA COUNTY) (WT: 35)	EACH	10.000
0212	638E98000	WATER WORK, MISC.:FIRE VAULT (MEDINA COUNTY) (WT: 35)	EACH	1.000
0213	638E98000	WATER WORK, MISC.:WATER SERVICE CONNECTION, "EXTENSION" (CITY OF MEDINA) (WT: 35)	EACH	2.000
0214	638E98000	WATER WORK, MISC.:WATER SERVICE CONNECTION, "EXTENSION" (MEDINA COUNTY) (WT: 35)	EACH	9.000
0215	638E98000	WATER WORK, MISC.:WATER SERVICE CONNECTION, "RECONNECTION" (CITY OF MEDINA) (WT: 35)	EACH	3.000
0216	638E98000	WATER WORK, MISC.:WATER SERVICE CONNECTION, "RECONNECTION" (MEDINA COUNTY) (WT: 35)	EACH	2.000

**Total 0006      WATER WORK (PART 1)**

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**Section 0007      SANITARY SEWER (PART 1)**

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0217	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	200.000
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0218	611E01100	6" CONDUIT, TYPE C (WT: 35)	FT	200.000
0219	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	33.000
0220	611E99660	MANHOLE RECONSTRUCTED TO GRADE (WT: 35)	EACH	23.000

**Total 0007      SANITARY SEWER (PART 1)**

<b>Section</b>	<b>0008</b>	<b>TRAFFIC CONTROL (PART 1)</b>		
0221	621E00100	RPM (WT: 41)	EACH	899.000
0222	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	448.000
0223	626E00112	BARRIER REFLECTOR, TYPE 3, BI- DIRECTIONAL (WT: NR)	EACH	53.000
0224	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	2,211.100
0225	630E08520	STREET NAME SIGN SUPPORT, NO. 3 POST (WT: 42)	FT	143.700
0226	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	26.000
0227	630E11210	OVERHEAD SIGN SUPPORT, TYPE TC-16.21, DESIGN 14 (WT: 42)	EACH	4.000
0228	630E75000	SIGN ATTACHMENT ASSEMBLY (WT: 42)	EACH	17.000
0229	630E79200	SIGN ATTACHMENT ASSEMBLY, MAST ARM (WT: 42)	EACH	65.000
0230	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	2.000
0231	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	1,785.700
0232	630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	SF	154.000
0233	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	4.000
0234	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	191.000
0235	630E85001	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE, AS PER PLAN (WT: NR)	EACH	37.000
0236	630E85400	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0237	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	165.000
0238	630E86102	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0239	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	12.000
0240	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	9.000

0241	630E89810	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-17.10 (WT: NR)	EACH	1.000
0242	630E89902	REMOVAL OF MISCELLANEOUS TRAFFIC CONTROL ITEMFLASHERS, POLE AND FOUNDATION (WT: NR)	EACH	3.000
0243	630E97700	SIGNING, MISC.:SIGN ERECTED, FLAT SHEET, AS PER PLAN (WT: 42)	EACH	18.000
0244	630E97700	SIGNING, MISC.:SOLAR POWERED LED ENHANCED (W3-3-36, 36"X36") (WT: 42)	EACH	1.000
0245	631E92000	SIGN FLASHER ASSEMBLY (WT: 43)	EACH	3.000
0246	631E93241	SCHOOL SPEED LIMIT SIGN ASSEMBLY, SOLAR-POWERED, AS PER PLAN (WT: 43)	EACH	2.000
0247	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	3.000
0248	632E90010	PEDESTAL, MISC.:13' (WT: 44)	EACH	3.000
0249	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.200
0250	644E00204	LANE LINE, 6" (WT: 45)	MILE	0.010
0251	644E00300	CENTER LINE, DASHED (WT: 45)	MILE	0.330
0252	644E00300	CENTER LINE, SOLID (WT: 45)	MILE	0.690
0253	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	1,264.000
0254	644E00500	STOP LINE (WT: 45)	FT	1,295.000
0255	644E00600	CROSSWALK LINE (WT: 45)	FT	3,036.000
0256	644E00700	TRANSVERSE/DIAGONAL LINE, YELLOW (WT: 45)	FT	948.000
0257	644E00720	CHEVRON MARKING (WT: 45)	FT	324.000
0258	644E00900	ISLAND MARKING (WT: 45)	SF	594.000
0259	644E01120	SCHOOL SYMBOL MARKING, 120" (WT: 45)	EACH	4.000
0260	644E01300	LANE ARROW (WT: 45)	EACH	150.000
0261	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.270
0262	646E10200	CENTER LINE, DASHED (WT: 45)	MILE	0.240
0263	646E10200	CENTER LINE, SOLID (WT: 45)	MILE	0.820
0264	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	1,466.000
0265	646E10400	STOP LINE (WT: 45)	FT	60.000
0266	646E10600	TRANSVERSE/DIAGONAL LINE, YELLOW (WT: 45)	FT	614.000
0267	646E10800	ISLAND MARKING (WT: 45)	SF	66.000
0268	646E20300	LANE ARROW (WT: 45)	EACH	36.000
0269	646E20400	WORD ON PAVEMENT, 72" (WT: 45)	EACH	1.000
0270	646E20502	DOTTED LINE, 4" (WT: 45)	FT	185.000
0271	807E14010	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	0.960

0272	807E14110	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	4.730
0273	807E14200	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CENTER LINE (WT: 45)	MILE	2.150
0274	807E14300	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 8" (WT: 45)	FT	4,952.000
0275	807E14400	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 4", WHITE (WT: 45)	FT	1,955.000
0276	807E14400	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 4", YELLOW (WT: 45)	FT	363.000
0277	850E10000	GROOVING FOR 4" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	2.550
0278	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	5.650
0279	850E10020	GROOVING FOR 8" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	0.920
0280	850E20000	GROOVING FOR 4" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	MILE	0.040
0281	850E20010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	MILE	0.040

**Total 0008      TRAFFIC CONTROL (PART 1)**

<b>Section</b>	<b>0009</b>	<b>TRAFFIC SIGNALS (PART 1)</b>		
0282	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	869.000
0283	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	579.000
0284	625E25600	CONDUIT, 4", 725.04 (WT: 43)	FT	182.000
0285	625E25903	CONDUIT, JACKED OR DRILLED, 725.04, AS PER PLAN, 4" (WT: 43)	FT	2,271.000
0286	625E25911	CONDUIT CLEANED AND CABLES REMOVED, AS PER PLAN (WT: 43)	FT	122.000
0287	625E29000	TRENCH (WT: 43)	FT	1,451.000
0288	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	22.000
0289	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	17.000
0290	625E32000	GROUND ROD (WT: 43)	EACH	69.000
0291	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	1,451.000
0292	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	48.000

0293	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, YELLOW (WT: 44)	EACH	19.000
0294	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	5.000
0295	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, YELLOW (WT: 44)	EACH	3.000
0296	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	36.000
0297	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	75.000
0298	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	36.000
0299	632E26001	PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	36.000
0300	632E26500	DETECTOR LOOP (WT: 44)	EACH	12.000
0301	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	5,685.000
0302	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	9,112.000
0303	632E62810	INTERCONNECT CABLE, MISC., 6 PAIR, NO. 19 AWG, SOLID, REA (PE-39) WITH INTEGRAL MESSENGER WIRE (WT: 44)	FT	830.000
0304	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	28.000
0305	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	23.000
0306	632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	FT	6,860.000
0307	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	73.000
0308	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	8.000
0309	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	2.000
0310	632E75093	SIGNAL SUPPORT, TYPE TC-81.21 DESIGN 12 POLE, WITH MAST ARMS TC-81.21 DESIGN 11 AND DESIGN 1, AS PER PLAN (WT: 44)	EACH	1.000
0311	632E75183	SIGNAL SUPPORT, TYPE TC-12.30 DESIGN 6 POLE, WITH MAST ARMS TC-81.21 DESIGN 12 AND DESIGN 4, AS PER PLAN (WT: 44)	EACH	1.000
0312	632E80103	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 1, AS PER PLAN (WT: 44)	EACH	6.000



0313	632E80203	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2, AS PER PLAN (WT: 44)	EACH	5.000
0314	632E80403	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4, AS PER PLAN (WT: 44)	EACH	1.000
0315	632E80503	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 11, AS PER PLAN (WT: 44)	EACH	4.000
0316	632E80621	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 13, AS PER PLAN (WT: 44)	EACH	6.000
0317	632E80629	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 14, AS PER PLAN (WT: 44)	EACH	4.000
0318	632E89900	PEDESTAL, 8', TRANSFORMER BASE (WT: 44)	EACH	23.000
0319	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	7.000
0320	632E90104	REUSE OF TRAFFIC CONTROL ITEM: HIGH-SPEED ETHERNET RADIO (WT: 44)	EACH	4.000
0321	632E90400	SIGNALIZATION, MISC.: SIGNAL SUPPORT, MECHANICAL DAMPER FOR TC-81.21 MAST ARM (GREATER THAN 59' IN LENGTH) (WT: 44)	EACH	4.000
0322	632E90400	SIGNALIZATION, MISC.: TEST HOLE PERFORMED (WT: 44)	EACH	8.000
0323	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	8.000
0324	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	8.000
0325	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	8.000
0326	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	8.000
0327	633E99000	CONTROLLER ITEM, MISC.: CABINET MODIFICATIONS (WT: 44)	EACH	1.000
0328	633E99000	CONTROLLER ITEM, MISC.: REMOVAL AND REERECTION OF EXISTING UNINTERRUPTIBLE POWER SUPPLY (WT: 44)	EACH	1.000
0329	809E64500	HIGH-SPEED ETHERNET RADIO (WT: 44)	EACH	1.000
0330	809E64550	ETHERNET CABLE, OUTDOOR-RATED (WT: 44)	FT	2,320.000
0331	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0332	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	23.000
0333	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	8.000
0334	809E69201	EMERGENCY VEHICLE PREEMPTION, AS PER PLAN (WT: 44)	EACH	8.000

0335	809E69210	PREEMPT RECEIVING UNIT (WT: 44)	EACH	30.000
0336	809E69220	PREEMPT DETECTOR CABLE (WT: 44)	FT	6,248.000
0337	809E69230	PREEMPT PHASE SELECTOR (WT: 44)	EACH	8.000
0338	809E69240	PREEMPT CONFIRMATION LIGHT (WT: 44)	EACH	30.000
0339	824E00011	SYSTEM ANALYSIS, AS PER PLAN (WT: 44)	LS	1.000
Total	0009	TRAFFIC SIGNALS (PART 1)		
Section	0010	RETAINING WALLS (Wall No. 1) (PART 1)		
0340	512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN (PERMANENT GRAFFITI PROTECTION) (WT: 57)	SY	135.000
0341	607E98000	FENCE, MISC.: WOOD FENCE (WT: 37)	FT	256.000
0342	610E50010	RETAINING WALL, MISC.: MODULAR BLOCK WALL (WT: 34)	SF	1,323.000
Total	0010	RETAINING WALLS (Wall No. 1) (PART 1)		
Section	0011	RETAINING WALLS (Wall No. 2) (PART 1)		
0343	503E21100	UNCLASSIFIED EXCAVATION (WT: 34)	CY	69.000
0344	507E00400	STEEL PILES, MISC.: HP14X73 (WT: 34)	FT	325.000
0345	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	6,378.000
0346	511E50210	CLASS QC1 CONCRETE, SUBSTRUCTURE (WT: 34)	CY	12.000
0347	511E53010	CLASS QC1 CONCRETE, MISC.: CAST-IN-PLACE CONCRETE FACING, AS PER PLAN (WT: 34)	CY	23.000
0348	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	110.000
0349	512E33001	TYPE 2 WATERPROOFING, AS PER PLAN (WT: 40)	SY	4.000
0350	518E62600	STRUCTURE DRAINAGE, MISC.: MIRADRAIN 5000 DRAINAGE SYSTEM OR EQUIVALENT (WT: 34)	SF	590.000
0351	524E94601	DRILLED SHAFTS, 30" DIAMETER, AS PER PLAN (WT: 28)	FT	168.000
0352	530E13000	SPECIAL - FORM LINER (WT: 34)	SF	736.000
0353	610E50030	RETAINING WALL, MISC.: 3" TIMBER LAGGING (WT: 34)	SY	95.000
Total	0011	RETAINING WALLS (Wall No. 2) (PART 1)		
Section	0012	RETAINING WALLS (Wall No. 3) (PART 1)		
0354	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000
0355	503E21100	UNCLASSIFIED EXCAVATION (WT: 34)	CY	283.000

0356	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	11,236.000
0357	511E46011	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN (WT: 34)	CY	38.000
0358	511E46511	CLASS QC1 CONCRETE, FOOTING, AS PER PLAN (WT: 34)	CY	46.000
0359	512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN (PERMANENT GRAFFITI PROTECTION) (WT: 57)	SY	69.000
0360	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	69.000
0361	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	11.000
0362	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	9.000
0363	517E73501	RAILING, PIPE, AS PER PLAN (WT: 36)	FT	132.000
0364	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 34)	CY	63.000
0365	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	135.000
0366	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	100.000
0367	530E13000	SPECIAL - FORM LINER (WT: 34)	SF	552.000
<b>Total 0012      RETAINING WALLS (Wall No. 3) (PART 1)</b>				
<b>Section</b>	<b>0013</b>	<b>RETAINING WALLS (Wall No. 4) (PART 1)</b>		
0368	503E21100	UNCLASSIFIED EXCAVATION (WT: 34)	CY	524.000
0369	507E00400	STEEL PILES, MISC.: HP14X73 (WT: 34)	FT	1,090.000
0370	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	24,623.000
0371	511E50210	CLASS QC1 CONCRETE, SUBSTRUCTURE (WT: 34)	CY	50.000
0372	511E53010	CLASS QC1 CONCRETE, MISC.: CAST-IN-PLACE CONCRETE FACING, AS PER PLAN (WT: 34)	CY	91.000
0373	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	473.000
0374	512E33001	TYPE 2 WATERPROOFING, AS PER PLAN (WT: 40)	SY	11.000
0375	517E73501	RAILING, PIPE, AS PER PLAN (WT: 36)	FT	350.000
0376	518E62600	STRUCTURE DRAINAGE, MISC.: MIRADRAIN 5000 DRAINAGE SYSTEM OR EQUIVALENT (WT: 34)	SF	2,445.000

0377	524E94601	DRILLED SHAFTS, 30" DIAMETER, AS PER PLAN (WT: 28)	FT	636.000
0378	530E13000	SPECIAL - FORM LINER (WT: 34)	SF	2,926.000
0379	610E50030	RETAINING WALL, MISC.: 3" TIMBER LAGGING (WT: 34)	SY	384.000
<b>Total 0013</b>		<b>RETAINING WALLS (Wall No. 4) (PART 1)</b>		
<b>Section</b>	<b>0014</b>	<b>STRUCTURE OVER 20 FOOT SPAN (MED-18-1404) (PART 1)</b>		
0380	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000
0381	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0382	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0383	507E00500	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	FT	1,380.000
0384	507E00550	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	FT	1,500.000
0385	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	9,020.000
0386	511E43510	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	120.000
0387	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	63.000
0388	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	4.000
0389	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	20.000
0390	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 34)	CY	44.000
0391	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	68.000
0392	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	60.000
0393	523E20000	DYNAMIC LOAD TESTING (WT: NR)	EACH	2.000
0394	523E20500	RESTRIKE (WT: NR)	EACH	2.000
0395	530E00200	SPECIAL - STRUCTURES(PREFABRICATED STEEL TRUSS SUPERSTRUCTURE) (WT: 21)	LS	1.000
0396	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	145.000
<b>Total 0014</b>		<b>STRUCTURE OVER 20 FOOT SPAN (MED-18-1404) (PART 1)</b>		
<b>Section</b>	<b>0015</b>	<b>MISCELLANEOUS STRUCTURE (SFN 5200695) (PART 1)</b>		

0397	202E11001	STRUCTURE REMOVED, AS PER PLAN (WT: NR)	LS	1.000
0398	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 35)	LS	1.000
0399	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0400	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	5,837.000
0401	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	26.000
0402	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	49.000
0403	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	55.000
0404	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	136.000
0405	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	44.000
0406	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 34)	CY	12.000
0407	611E95501	10' X 8' CONDUIT, TYPE A, 706.05, AS PER PLAN (WT: 35)	FT	30.000
<b>Total 0015 MISCELLANEOUS STRUCTURE (SFN 5200695) (PART 1)</b>				
<b>Section</b>	<b>0016</b>	<b>MISCELLANEOUS STRUCTURE (CFN 520180045) (PART 1)</b>		
0408	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 35)	LS	1.000
0409	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0410	504E11101	STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN (WT: 53)	SF	240.000
0411	507E00500	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	FT	990.000
0412	507E00550	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	FT	1,080.000
0413	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	16,021.000
0414	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	83.000
0415	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	65.000
0416	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	85.000
0417	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	7.000
0418	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	40.000

0419	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 34)	CY	31.000
0420	523E20000	DYNAMIC LOAD TESTING (WT: NR)	EACH	1.000
<b>Total 0016 MISCELLANEOUS STRUCTURE (CFN 520180045) (PART 1)</b>				
<b>Section</b>	<b>0017</b>	<b>MAINTENANCE OF TRAFFIC (PART 1)</b>		
0421	608E21200	TEMPORARY ASPHALT CONCRETE WALK (WT: 10)	SF	13,026.000
0422	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	500.000
0423	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	EACH	7.000
0424	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	465.000
0425	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	26.000
0426	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0427	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	100.000
0428	614E13310	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	68.000
0429	614E13310	BARRIER REFLECTOR, TYPE 1, ONE WAY (WT: NR)	EACH	27.000
0430	614E13318	BARRIER REFLECTOR, TYPE 5, ONE WAY (WT: NR)	EACH	85.000
0431	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	152.000
0432	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	28.000
0433	614E18002	MAINTAINING TRAFFIC, MISC.:COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0434	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	100.000
0435	614E20000	WORK ZONE LANE LINE, CLASS I, 4" (WT: 39)	MILE	13.553
0436	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	22.160
0437	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	18.940
0438	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	29,269.000
0439	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	12,164.000
0440	614E25000	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I (WT: 39)	FT	9,007.000
0441	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	5,870.000
0442	614E27000	WORK ZONE CROSSWALK LINE, CLASS I (WT: 39)	FT	8,523.000
0443	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	664.000

0444	614E31000	WORK ZONE WORD ON PAVEMENT, 72", CLASS I (WT: 39)	EACH	10.000
0445	614E31700	WORK ZONE SCHOOL SYMBOL MARKING, 72", CLASS I (WT: 39)	EACH	12.000
0446	614E32700	WORK ZONE ISLAND MARKING, CLASS I (WT: 39)	SF	2,046.000
0447	614E40050	BUSINESS ENTRANCE SIGN (WT: 39)	EACH	15.000
0448	615E10001	ROADS FOR MAINTAINING TRAFFIC, AS PER PLAN (WT: NR)	LS	1.000
0449	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	21,460.000
0450	616E10000	WATER (WT: NR)	MGAL	350.000
0451	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	3,980.000
<b>Total</b>	<b>0017</b>	<b>MAINTENANCE OF TRAFFIC (PART 1)</b>		
<b>Section</b>	<b>0018</b>	<b>ROADWAY (PART 2)</b>		
0452	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0453	202E23000	PAVEMENT REMOVED (WT: NR)	SY	233.000
0454	202E32000	CURB REMOVED (WT: NR)	FT	135.000
0455	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	127.000
0456	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	3.000
0457	203E10000	EXCAVATION (WT: 04)	CY	222.000
0458	203E20000	EMBANKMENT (WT: 04)	CY	108.000
0459	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	664.000
0460	204E13000	EXCAVATION OF SUBGRADE (WT: 04)	CY	249.000
0461	204E30011	GRANULAR MATERIAL, TYPE B, AS PER PLAN (WT: 04)	CY	249.000
0462	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0463	204E51000	GEOGRID (WT: 06)	SY	733.000
0464	623E40520	RIGHT-OF-WAY MONUMENT (WT: NR)	EACH	4.000
0465	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	1.000
<b>Total</b>	<b>0018</b>	<b>ROADWAY (PART 2)</b>		
<b>Section</b>	<b>0019</b>	<b>EROSION CONTROL (PART 2)</b>		
0466	659E00300	TOPSOIL (WT: 46)	CY	54.000
0467	659E10000	SEEDING AND MULCHING (WT: 46)	SY	485.000
0468	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	24.000
0469	659E15000	INTER-SEEDING (WT: 46)	SY	24.000
0470	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.070
0471	659E31000	LIME (WT: 46)	ACRE	0.100

0472	659E35000	WATER (WT: 46)	MGAL	3.000
0473	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total	0019	EROSION CONTROL (PART 2)		
Section	0020	DRAINAGE (PART 2)		
0474	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, 707.31 (WT: 35)	FT	559.000
0475	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	40.000
0476	611E02000	8" CONDUIT, TYPE C (WT: 35)	FT	37.000
0477	611E04400	12" CONDUIT, TYPE B, 706.02 (CLASS IV) (WT: 35)	FT	10.000
0478	611E04400	12" CONDUIT, TYPE B, 706.02 (CLASS IV) WITH 706.11 JOINTS (WT: 35)	FT	35.000
0479	611E04600	12" CONDUIT, TYPE C, 706.02 (CLASS IV) (WT: 35)	FT	17.000
0480	611E04600	12" CONDUIT, TYPE C, 706.02 (CLASS IV) WITH 706.11 JOINTS (WT: 35)	FT	16.000
0481	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	2.000
0482	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	2.000
0483	611E98700	INLET, SIDE DITCH (WT: 35)	EACH	1.000
Total	0020	DRAINAGE (PART 2)		
Section	0021	PAVEMENT (PART 2)		
0484	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	60.000
0485	304E20000	AGGREGATE BASE (WT: 09)	CY	116.000
0486	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	44.000
0487	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	1.000
0488	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	16.000
0489	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	19.000
0490	452E10050	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	29.000
0491	452E13010	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	167.000
0492	609E14000	CURB, TYPE 2-A (WT: 38)	FT	122.000
0493	609E26000	CURB, TYPE 6 (WT: 38)	FT	198.000
Total	0021	PAVEMENT (PART 2)		
Section	0022	WATER WORK (PART 2)		
0494	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000



0495	638E20424	SPECIAL - 12" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS(MEDINA COUNTY) (WT: 35)	FT	30.000
0496	638E20598	SPECIAL - 12" CUTTING IN SLEEVE, VALVE WITH VALVE BOX(MEDINA COUNTY) (WT: 35)	EACH	2.000
<b>Total 0022</b>		<b>WATER WORK (PART 2)</b>		
<b>Section 0023</b>		<b>SANITARY SEWER (PART 2)</b>		
0497	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	1.000
<b>Total 0023</b>		<b>SANITARY SEWER (PART 2)</b>		
<b>Section 0024</b>		<b>TRAFFIC CONTROL (PART 2)</b>		
0498	621E00100	RPM (WT: 41)	EACH	10.000
0499	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	5.000
0500	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	27.200
0501	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	7.300
0502	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	3.000
0503	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0504	630E97700	SIGNING, MISC.:SIGN ERECTED, FLAT SHEET, AS PER PLAN (WT: 42)	EACH	1.000
0505	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.060
0506	644E00300	CENTER LINE, SOLID (WT: 45)	MILE	0.080
0507	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	89.000
0508	644E00500	STOP LINE (WT: 45)	FT	31.000
0509	644E00700	TRANSVERSE/DIAGONAL LINE, YELLOW (WT: 45)	FT	43.000
0510	644E01300	LANE ARROW (WT: 45)	EACH	2.000
<b>Total 0024</b>		<b>TRAFFIC CONTROL (PART 2)</b>		
<b>Section 0025</b>		<b>MAINTENANCE OF TRAFFIC (PART 2)</b>		
0511	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	40.000
0512	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.160
0513	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	0.240
0514	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	105.000
0515	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	52.000
0516	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	6.000
0517	615E10001	ROADS FOR MAINTAINING TRAFFIC, AS PER PLAN (WT: NR)	LS	1.000

0518	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	130.000
0519	616E10000	WATER (WT: NR)	MGAL	5.000
<b>Total 0025 MAINTENANCE OF TRAFFIC (PART 2)</b>				
<b>Section</b>	<b>0026</b>	<b>INCIDENTALS (PART 1 AND PART 2)</b>		
0520	100E50200	DEPARTMENT'S SHARE OF THE DISPUTE RESOLUTION ADVISOR (WT: NR)	LS	1.000
0521	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0522	108E10000	CPM PROGRESS SCHEDULE (WT: NR)	LS	1.000
0523	111E10000	SPECIAL - DEPARTMENTS SHARE FACILITATED PARTNERING COSTS (WT: NR)	LS	1.000
0524	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0525	619E16020	FIELD OFFICE, TYPE C (WT: NR)	MNTH	30.000
0526	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0527	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0026 INCIDENTALS (PART 1 AND PART 2)</b>				

Project Number: 210076

PID: 102354

Athens

SR 13-06.87

E170(278)

DBE Goal: 10.0%

Date Set for Completion: 10/1/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING ATH-13-6.87 IN ATHENS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RECONSTRUCTING BRIDGE NO. ATH-13-0687, BY REPLACING THE DECK ON A 3 SPAN CONTINUOUS STEEL BEAM STRUCTURE, RECONSTRUCTING ABUTMENTS AND PERFORMING OTHER RELATED REPAIRS, (SPANS:56', 70', 56'; ROADWAY: 44' FACE/FACE OF RAILING), S.R. 13 OVER SUNDAY CREEK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,049.000
0003	203E10000	EXCAVATION (WT: 06)	CY	63.000
0004	203E20000	EMBANKMENT (WT: 06)	CY	253.000
0005	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	262.000
0006	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	837.500
0007	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (WT: 36)	EACH	3.000
0008	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0009	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,621.000
0010	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.240
0011	659E31000	LIME (WT: 46)	ACRE	0.550
0012	659E35000	WATER (WT: 46)	MGAL	8.000
0013	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		

0014	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" AVERAGE DEPTH) (WT: 13)	SY	1,636.000
0015	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (3" AVERAGE DEPTH) (WT: 13)	SY	668.000
0016	304E20000	AGGREGATE BASE (WT: 09)	CY	42.000
0017	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	248.000
0018	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	124.000
<b>Total 0003</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
0019	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	11.000
0020	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	16.000
0021	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0022	630E86010	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION (WT: 42)	EACH	3.000
0023	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.340
0024	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.170
<b>Total 0004</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0005</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0025	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	4.000
0026	614E12740	WORK ZONE LIGHTING SYSTEM (WT: 39)	EACH	1.000
0027	614E13310	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	50.000
0028	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	50.000
0029	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.060
0030	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	0.580
0031	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	24.000
0032	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	1,200.000
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0006</b>	<b>STRUCTURE REPAIR (ATH-13-0687)</b>		
0033	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0034	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0035	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000
0036	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	68,110.000

0037	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	EACH	280.000
0038	511E21520	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 21)	CY	243.000
0039	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 21)	CY	31.000
0040	512E10050	SEALING OF CONCRETE SURFACES (NON- EPOXY) (WT: 57)	SY	224.000
0041	512E44400	TYPE B WATERPROOFING (WT: 40)	SY	51.000
0042	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	3,708.000
0043	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	FT	102.000
0044	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (12"X14"X2.24" PAD AND 13"X15"X2.25" PLATE) (WT: 21)	EACH	6.000
0045	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (12"X14"X2.24" PAD AND 13"X21"X2.25" PLATE) (WT: 21)	EACH	6.000
0046	516E44200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (14"X20"X3.27" PAD AND 15"X21"X1.25" PLATE) (WT: 21)	EACH	6.000
0047	516E44200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (14"X20"X3.27" PAD AND 15"X21"X4.75" PLATE) (WT: 21)	EACH	6.000
0048	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 21)	LS	1.000
0049	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	382.500
0050	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	73.000
0051	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 21)	FT	454.070
0052	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	140.000
0053	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	64.000
0054	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	20.000
0055	526E25001	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN (WT: 29)	SY	245.000

**Total 0006      STRUCTURE REPAIR (ATH-13-0687)**

**Section 0007      INCIDENTALS**

0056	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0057	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0058	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0059	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0007</b>		<b>INCIDENTALS</b>		

**Project Number: 210077**

**PID: 110476**

**Belmont**

SR 147-04.90

E191(566)

DBE Goal: 5.0%

Date Set for Completion: 10/31/2021

Type: SIGNALIZATION

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN BELMONT COUNTY, OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY UPGRADING TRAFFIC SIGNALS AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	1,782.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	445.000
0004	203E10000	EXCAVATION (WT: 06)	CY	16.000
0005	607E98000	FENCE, MISC.:TEMPORARY ORANGE PLASTIC CONSTRUCTION FENCE (WT: 37)	FT	600.000
0006	608E10000	4" CONCRETE WALK (WT: 38)	SF	1,357.000
0007	608E52000	CURB RAMP (WT: 38)	SF	497.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0008	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		
0009	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	7.000
0010	304E20000	AGGREGATE BASE (WT: 09)	CY	7.000
0011	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	3.000
0012	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, (PG70-22M) (WT: 10)	CY	2.000
0013	609E26000	CURB, TYPE 6 (WT: 38)	FT	335.000
<b>Total</b>	<b>0003</b>	<b>PAVEMENT</b>		

Section 0004		LIGHTING		
0014	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	8.000
0015	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	2.000
0016	625E18200	BRACKET ARM, 15' (WT: 43)	EACH	8.000
0017	625E23200	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	723.000
0018	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	456.000
0019	625E25502	CONDUIT, 3", 725.05 (WT: 43)	FT	212.000
0020	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 4" (WT: 43)	FT	356.000
0021	625E29000	TRENCH (WT: 43)	FT	158.000
0022	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	7.000
Total 0004		LIGHTING		
Section 0005		TRAFFIC CONTROL		
0023	644E00300	CENTER LINE (WT: 45)	MILE	0.120
0024	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	64.000
0025	644E00500	STOP LINE (WT: 45)	FT	113.000
0026	644E00600	CROSSWALK LINE (WT: 45)	FT	619.000
0027	644E01200	PARKING LOT STALL MARKING (WT: 45)	FT	393.000
0028	644E01300	LANE ARROW (WT: 45)	EACH	1.000
0029	644E01600	HANDICAP SYMBOL MARKING (WT: 45)	EACH	2.000
0030	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	476.000
0031	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	1.000
Total 0005		TRAFFIC CONTROL		
Section 0006		TRAFFIC SIGNALS		
0032	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	2.000
0033	625E32000	GROUND ROD (WT: 43)	EACH	10.000
0034	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	2.000
0035	625E36011	UNDERGROUND WARNING/MARKING TAPE, AS PER PLAN (WT: NR)	FT	158.000
0036	625E76000	ARC FLASH CALCULATIONS AND LABEL SERVICE DISCONNECT, SIGNAL CABINET UPS ENCLOSURE; CHESTNUT ST. AND SOUTH ST. (WT: NR)	EACH	3.000
0037	625E76000	ARC FLASH CALCULATIONS AND LABEL SERVICE DISCONNECT, SIGNAL CABINET, UPS ENCLOSURE; CHESTNUT ST. AND MAIN ST. (WT: NR)	EACH	3.000



0038	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	16.000
0039	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	16.000
0040	632E25001	COVERING OF VEHICULAR SIGNAL HEAD, AS PER PLAN (WT: 44)	EACH	16.000
0041	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	4.000
0042	632E40200	SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	64.000
0043	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,586.000
0044	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	597.000
0045	632E40900	SIGNAL CABLE, 9 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	348.000
0046	632E64011	SIGNAL SUPPORT FOUNDATION, AS PER PLAN (WT: 44)	EACH	8.000
0047	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	3.000
0048	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	121.000
0049	632E69500	SERVICE CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	118.000
0050	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	2.000
0051	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	2.000
0052	633E45000	GPS (GLOBAL POSITIONING SYSTEM) CLOCK ASSEMBLY (WT: 44)	EACH	2.000
0053	633E65510	CABINET, TYPE TS-2 (WT: 44)	EACH	2.000
0054	633E67100	CABINET FOUNDATION (WT: 44)	EACH	2.000
0055	633E68511	COMMUNICATIONS, AS PER PLAN (WT: 44)	EACH	2.000
0056	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	2.000
0057	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	8.000
0058	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	2.000

**Total 0006      TRAFFIC SIGNALS**

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**Section 0007      TRAFFIC SIGNALS ALTERNATES**

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0059	AA1 625E26252	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), 200W (ALTERNATE 1) (WT: 43)	EACH	8.000
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0060	AA1	632E79101	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 2, AS PER PLAN(ALTERNATE 1) (WT: 44)	EACH	8.000
0061	AA1	632E89901	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (ALTERNATE 1) (WT: 44)	EACH	3.000
0062	AA2	625E27551	LUMINAIRE, DECORATIVE, AS PER PLAN (UM NL 118) (ALTERNATE 2) (WT: 43)	EACH	8.000
0063	AA2	632E80981	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2, AS PER PLAN(ALTERNATE 2) (WT: 44)	EACH	8.000
0064	AA2	632E89901	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN(UNION METAL 16 FLUTE) (ALTERNATE 2) (WT: 44)	EACH	3.000
<b>Total 0007</b>			<b>TRAFFIC SIGNALS ALTERNATES</b>		
<b>Section 0008</b>			<b>MAINTENANCE OF TRAFFIC</b>		
0065		614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	80.000
<b>Total 0008</b>			<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0009</b>			<b>INCIDENTALS</b>		
0066		103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0067		614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0068		619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	3.000
0069		623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0070		624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0009</b>			<b>INCIDENTALS</b>		

**Project Number: 210078**

**PID: 104880**

**Brown**

SR 774-10.47

E170(923)

DBE Goal: 10.0%

Date Set for Completion: 9/1/2021

Type: BRIDGE REPLACEMENT (1 BRIDGE)

Plan Cost: N/A

**FOR IMPROVING BRO-774-10.47 IN BROWN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING BRIDGE NO. BRO-774-1050, A SINGLE SPAN COMPOSITE BOX BEAM WITH REINFORCED CONCRETE DECK ON CAPPED DRILLED SHAFT ABUTMENTS, (SPAN: 86'; ROADWAY: 32' TOE/TOE OF RAILING), SR 774 OVER STERLING RUN.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	352.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	407.000
0004	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	1.000
0005	202E75000	FENCE REMOVED (WT: NR)	FT	40.000
0006	202E98400	REMOVAL MISC.: CONCRETE DRAIN (WT: NR)	SF	378.000
0007	203E10000	EXCAVATION (WT: 06)	CY	141.000
0008	203E20000	EMBANKMENT (WT: 06)	CY	70.000
0009	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	626.000
0010	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	152.000
0011	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	160.000
0012	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0013	204E50000	GEOTEXTILE FABRIC, TYPE D (WT: 06)	SY	322.000
0014	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	237.500
0015	606E20050	ROUNDED END SECTION (WT: 36)	EACH	2.000
0016	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350 OR MASH 2016) (WT: 36)	EACH	1.000
0017	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	2.000

0018	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
0019	607E20001	FENCE, TYPE CL, AS PER PLAN (WT: 37)	FT	110.000
0020	607E50901	GATE, TYPE CL, AS PER PLAN (WT: 37)	EACH	2.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0021	659E10000	SEEDING AND MULCHING (WT: 46)	SY	551.000
0022	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	28.000
0023	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.070
0024	659E31000	LIME (WT: 46)	ACRE	0.110
0025	659E35000	WATER (WT: 46)	MGAL	3.000
0026	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0027	605E31100	AGGREGATE DRAINS (WT: 35)	FT	80.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0028	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1 1/2" DEPTH) (WT: 13)	SY	330.000
0029	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	63.000
0030	304E20000	AGGREGATE BASE (WT: 09)	CY	127.000
0031	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	68.000
0032	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (TWO 1 1/2" LIFTS) (WT: 10)	CY	58.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0033	621E00100	RPM (WT: 41)	EACH	3.000
0034	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	3.000
0035	626E00112	BARRIER REFLECTOR, TYPE 3, BIDIRECTIONAL (WT: NR)	EACH	9.000
0036	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.140
0037	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.070
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0038	253E01000	PAVEMENT REPAIR (WT: 16)	SY	352.000
0039	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	140.000

0040	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	69.000
0041	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	40.000
0042	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0043	659E35000	WATER (WT: 46)	MGAL	1.000
<b>Total 0006 MAINTENANCE OF TRAFFIC</b>				
<b>Section</b>	<b>0007</b>	<b>STRUCTURE OVER 20 FOOT SPAN (BRO-774-1050)</b>		
0044	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0045	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	80.000
0046	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	256.000
0047	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0048	503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 21)	LS	1.000
0049	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	20,965.000
0050	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	EACH	34.000
0051	511E31611	CLASS QC2 CONCRETE, SUPERSTRUCTURE, AS PER PLAN (WT: 21)	CY	72.000
0052	511E43510	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	115.000
0053	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	140.000
0054	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	128.000
0055	515E12090	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB33-48 (87'-0" LONG) (WT: 21)	EACH	8.000
0056	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	66.000
0057	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 21)	FT	94.000
0058	516E43200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (10 1/4" X 6 1/2" X 2" THICK) (WT: 21)	EACH	32.000
0059	517E70001	RAILING (TWIN STEEL TUBE), AS PER PLAN (WT: 36)	FT	184.830
0060	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	62.000
0061	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 21)	FT	210.000

0062	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	106.000
0063	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	18.000
0064	524E94704	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK (WT: 28)	FT	50.000
0065	524E94802	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK (WT: 28)	FT	92.000
0066	526E25000	REINFORCED CONCRETE APPROACH SLABS (T=15") (WT: 29)	SY	178.000
0067	526E90010	TYPE A INSTALLATION (WT: 29)	FT	64.000
0068	601E21001	CONCRETE SLOPE PROTECTION, AS PER PLAN (WT: 35)	SY	129.000
0069	894E10000	THERMAL INTEGRITY PROFILING (TIP) TEST (WT: NR)	EACH	2.000

**Total 0007      STRUCTURE OVER 20 FOOT SPAN (BRO-774-1050)**

<b>Section 0008</b>	<b>INCIDENTALS</b>			
0070	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0071	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0072	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	6.000
0073	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0074	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0008      INCIDENTALS**

**Project Number: 210079**

**PID: 107127**

**Clermont**

**WAR**

**/WAR-SR 48-05.73/00.00**

**E190(799)**

DBE Goal: 7.0%

Date Set for Completion: 8/15/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF LOVELAND, CLERMONT AND WARREN COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING EXISTING ROADWAY, TRAFFIC SIGNAL WORK, SIDEWALK CONSTRUCTION, AND RELATED WORK**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E30000	WALK REMOVED (WT: NR)	SF	1,606.000
0002	202E32000	CURB REMOVED (WT: NR)	FT	169.000
0003	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	315.000
0004	608E10000	4" CONCRETE WALK (WT: 38)	SF	645.000
0005	608E52000	CURB RAMP (WT: 38)	SF	202.000
0006	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	1,205.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>DRAINAGE</b>		
0007	611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	EACH	9.000
0008	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	28.000
0009	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	20.000
<b>Total</b>	<b>0002</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		
0010	253E02000	PAVEMENT REPAIR (WT: 16)	CY	165.000
0011	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2" (WT: 13)	SY	15,181.000
0012	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	759.000
0013	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	1,367.000

0014	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (WT: 10)	CY	844.000
0015	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	409.000
0016	609E26000	CURB, TYPE 6 (WT: 38)	FT	74.000
0017	888E10000	HIGH FRICTION SURFACE TREATMENT, SINGLE LIFT (WT: NR)	SY	2,112.000
Total 0003		PAVEMENT		
Section 0004	TRAFFIC CONTROL			
0018	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
0019	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.280
0020	644E00300	CENTER LINE (WT: 45)	MILE	0.800
0021	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	452.000
0022	644E00500	STOP LINE (WT: 45)	FT	222.000
0023	644E00600	CROSSWALK LINE (WT: 45)	FT	35.000
0024	644E00601	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	634.000
0025	644E00720	CHEVRON MARKING (WT: 45)	FT	28.000
0026	644E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	2.000
0027	644E01300	LANE ARROW (WT: 45)	EACH	13.000
0028	644E01400	WORD ON PAVEMENT, 72" (WT: 45)	EACH	1.000
0029	644E01500	DOTTED LINE, 4" (WT: 45)	FT	251.000
Total 0004		TRAFFIC CONTROL		
Section 0005	TRAFFIC SIGNALS			
0030	625E25409	CONDUIT, 2", 725.051, AS PER PLAN (WT: 43)	FT	47.000
0031	630E79501	SIGN SUPPORT ASSEMBLY, POLE MOUNTED, AS PER PLAN (WT: 42)	EACH	2.000
0032	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	8.000
0033	630E87520	REMOVAL OF POLE MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0034	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	2.000
0035	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	2.000
0036	632E26001	PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	2.000
0037	632E40300	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	395.000
0038	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	403.000
0039	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	1.000



0040	632E89901	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (WT: 44)	EACH	1.000
0041	633E99000	CONTROLLER ITEM, MISC.:REWIRE CABINET (WT: 44)	EACH	1.000
<b>Total 0005</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0042	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	48.000
0043	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.800
0044	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.800
0045	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	0.280
0046	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	0.280
0047	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	452.000
0048	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	452.000
0049	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	251.000
0050	614E24610	WORK ZONE DOTTED LINE, CLASS III, 4", 642 PAINT (WT: 39)	FT	251.000
0051	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	222.000
0052	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	222.000
0053	614E27000	WORK ZONE CROSSWALK LINE, CLASS I (WT: 39)	FT	345.000
0054	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	345.000
0055	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	13.000
0056	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	13.000
0057	614E31000	WORK ZONE WORD ON PAVEMENT, 72", CLASS I (WT: 39)	EACH	1.000
0058	614E31620	WORK ZONE WORD ON PAVEMENT, 72", CLASS III, 642 PAINT (WT: 39)	EACH	1.000
0059	614E32000	WORK ZONE RAILROAD SYMBOL MARKING, CLASS I (WT: 39)	EACH	2.000
0060	614E32210	WORK ZONE RAILROAD SYMBOL MARKING, CLASS III, 642 PAINT (WT: 39)	EACH	2.000
<b>Total 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0007</b>	<b>INCIDENTALS</b>		

0061	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0062	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0063	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0064	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0065	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0007</b>		<b>INCIDENTALS</b>		

**Project Number: 210080**

**PID: 105289**

**Columbiana**

SR 164-04.53

E190(902)

DBE Goal: 6.0%

Date Set for Completion: 9/30/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN COLUMBIANA COUNTY, OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING EXISTING ROADWAYS AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	853.000
0002	209E60500	LINEAR GRADING (WT: 06)	MILE	13.240
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0003	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		
0004	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (WT: 16)	CY	275.000
0005	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1") (WT: 13)	SY	1,734.000
0006	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1-1/2") (WT: 13)	SY	11,416.000
0007	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	8,370.000
0008	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	4,938.000
0009	424E12001	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN (WT: 10)	CY	2,371.000
0010	441E10101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), AS PER PLAN (PG70-22M) (WT: 10)	CY	524.000
0011	441E50401	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), AS PER PLAN (WT: 10)	CY	41.000

0012	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	409.000
0013	617E20000	SHOULDER PREPARATION (WT: 06)	SY	13,938.000
Total 0003		PAVEMENT		
Section 0004	TRAFFIC CONTROL			
0014	621E00100	RPM (WT: 41)	EACH	711.000
0015	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	711.000
0016	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	26.000
0017	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	2.000
0018	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0019	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0020	646E10010	EDGE LINE, 6" (WT: 45)	MILE	10.650
0021	646E10200	CENTER LINE (WT: 45)	MILE	5.280
0022	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	295.000
0023	646E10400	STOP LINE (WT: 45)	FT	23.000
0024	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	180.000
0025	646E20504	DOTTED LINE, 6" (WT: 45)	FT	155.000
Total 0004		TRAFFIC CONTROL		
Section 0005	MAINTENANCE OF TRAFFIC			
0026	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	37.000
0027	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT (WT: 39)	MILE	10.560
0028	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	10.560
0029	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	46.000
Total 0005		MAINTENANCE OF TRAFFIC		
Section 0006	INCIDENTALS			
0030	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0031	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0032	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0006		INCIDENTALS		

**Project Number: 210081**

**PID: 97390**

**Cuyahoga**

IR 90-14.52 Deck

E161(600)

DBE Goal: 10.0%

Date Set for Completion: 6/30/2022

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING CUY-90-14.52 IN CUYAHOGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RECONSTRUCTION OF BRIDGE NO. CUY-90-1452, BY REPLACING THE DECK ON A FOUR SPAN STEEL GIRDER BRIDGE, CONVERT ABUTMENTS TO SEMI INTEGRAL, BEARING REPLACEMENT, SUBSTRUCTURE REHAB. AND OTHER BRIDGE REPAIRS, (SPANS: 67'-2", 2 @ 86'-6", 68'-2.5"; ROADWAY: 40' WITH 8' SIDEWALKS BOTH SIDES), SCRANTON RD. OVER I-90.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	652.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	1,115.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	194.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	27.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	54.000
0007	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	1.000
0008	202E58200	INLET REMOVED (WT: NR)	EACH	1.000
0009	202E70110	SPECIAL - PIPE CLEANOUT, 24" AND UNDER (WT: NR)	FT	50.000
0010	202E70120	SPECIAL - PIPE CLEANOUT, 27" TO 48" (WT: NR)	FT	50.000
0011	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	50.000
0012	202E75200	FENCE REMOVED FOR REUSE (WT: NR)	FT	29.000
0013	202E75254	GATE REMOVED FOR REUSE (WT: NR)	EACH	2.000
0014	202E98100	REMOVAL MISC.: CONCRETE BOLLARD (WT: NR)	EACH	6.000
0015	203E10000	EXCAVATION (WT: 06)	CY	556.000
0016	203E20000	EMBANKMENT (WT: 06)	CY	3.000

0017	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	740.000
0018	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0019	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0020	606E26551	ANCHOR ASSEMBLY, MGS TYPE T, AS PER PLAN (WT: 36)	EACH	1.000
0021	607E23100	FENCE REBUILT (WT: 37)	FT	29.000
0022	607E61111	GATE REBUILT, AS PER PLAN (WT: 37)	EACH	2.000
0023	608E11000	4-1/2" CONCRETE WALK (WT: 38)	SF	1,114.000
0024	608E52000	CURB RAMP (WT: 38)	SF	279.000
0025	690E98000	SPECIAL - UTILITY TEST HOLE (WT: NR)	EACH	1.000
0026	690E99400	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	1,000.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section 0002</b>	<b>EROSION CONTROL</b>			
0027	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	1.000
0028	659E00300	TOPSOIL (WT: 46)	CY	3.000
0029	659E10000	SEEDING AND MULCHING (WT: 46)	SY	26.000
0030	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.010
0031	659E31000	LIME (WT: 46)	ACRE	0.010
0032	659E35000	WATER (WT: 46)	MGAL	1.000
0033	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section 0003</b>	<b>DRAINAGE</b>			
0034	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	145.000
0035	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	37.000
0036	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	74.000
0037	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	50.000
0038	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	24.000
0039	611E98690	CATCH BASIN, MISC.:C.O.C. TWIN BASIN - CB-3 (WT: 35)	EACH	2.000
0040	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	6.000
0041	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	5.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section 0004</b>	<b>PAVEMENT</b>			
0042	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	293.000
0043	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" THICK) (WT: 13)	SY	463.000

0044	304E20000	AGGREGATE BASE (WT: 09)	CY	124.000
0045	407E10000	TACK COAT (WT: 10)	GAL	76.000
0046	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	24.000
0047	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	84.000
0048	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	20.000
0049	451E31000	SPECIAL - PRESSURE RELIEF JOINT, TYPE B (WT: 38)	FT	144.000
0050	452E11010	7" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 38)	SY	400.000
0051	609E98000	CURB, MISC.: CITY OF CLEVELAND CAST-IN- PLACE CONCRETE CURB (WT: 38)	FT	329.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>WATER WORK</b>		
0052	638E10400	FIRE HYDRANT ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0053	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	4.000
<b>Total 0005</b>		<b>WATER WORK</b>		
<b>Section</b>	<b>0006</b>	<b>LIGHTING</b>		
0054	202E75801	DISCONNECT EXISTING CIRCUIT, AS PER PLAN (WT: NR)	EACH	2.000
0055	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	24.000
0056	625E10614	LIGHT POLE ANCHOR BOLTS ON STRUCTURE (WT: 43)	EACH	16.000
0057	625E23000	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	3,741.000
0058	625E23306	NO. 10 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	312.000
0059	625E25402	CONDUIT, 2", 725.05 (WT: 43)	FT	1,516.000
0060	625E25803	CONDUIT, CONCRETE ENCASED, AS PER PLAN (2") (WT: NR)	FT	1,050.000
0061	625E27561	LUMINAIRE, INSTALLATION ONLY, AS PER PLAN (WT: 43)	EACH	4.000
0062	625E29200	TRENCH, 48" DEEP (WT: NR)	FT	417.000
0063	625E29920	STRUCTURE JUNCTION BOX (WT: 43)	EACH	7.000
0064	625E31506	PULL BOX REMOVED AND REPLACED (WT: 43)	EACH	2.000
0065	625E33000	STRUCTURE GROUNDING SYSTEM (WT: 43)	EACH	1.000
0066	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	1.000

0067	625E34450	CONTROL CENTER CABINET, COMPLETE (WT: 43)	EACH	1.000
0068	625E35011	REMOVE AND REERECT EXISTING LIGHT POLE, AS PER PLAN (WT: 43)	EACH	4.000
0069	625E39520	PULL BOX CLEANED (WT: 43)	EACH	2.000
0070	625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	LS	1.000
0071	625E98000	LIGHTING, MISC.: CPP STREET LIGHTING PULL BOX (WT: 43)	EACH	5.000
<b>Total 0006</b>		<b>LIGHTING</b>		
<b>Section</b>	<b>0007</b>	<b>ELECTRICAL</b>		
0072	202E98200	REMOVAL MISC.:ELECTRICAL LINE AND CONDUIT (WT: NR)	FT	166.000
0073	611E99690	MANHOLE, MISC.: REPLACE EXISTING CASTINGS (WT: NR)	EACH	2.000
0074	625E25803	CONDUIT, CONCRETE ENCASED, AS PER PLAN (5" PVC) (WT: NR)	FT	210.000
0075	625E25920	CONDUIT, MISC.: CPP BRIDGE MOUNTED CONDUITS AND INCIDENTALS (WT: NR)	FT	318.000
0076	625E29200	TRENCH, 48" DEEP (WT: NR)	FT	210.000
<b>Total 0007</b>		<b>ELECTRICAL</b>		
<b>Section</b>	<b>0008</b>	<b>TRAFFIC CONTROL</b>		
0077	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	26.000
0078	630E79000	SIGN HANGER ASSEMBLY, SPAN WIRE (WT: 42)	EACH	1.000
0079	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	7.500
0080	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0081	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	9.000
0082	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	3.000
0083	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.500
0084	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.080
0085	644E00204	LANE LINE, 6" (WT: 45)	MILE	0.260
0086	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	1,100.000
0087	644E00720	CHEVRON MARKING (WT: 45)	FT	250.000
0088	644E01510	DOTTED LINE, 6" (WT: 45)	FT	180.000
0089	646E10000	EDGE LINE, 4" (WT: 45)	MILE	0.300
0090	646E10200	CENTER LINE (WT: 45)	MILE	0.180



0091	646E10400	STOP LINE (WT: 45)	FT	55.000
0092	646E10500	CROSSWALK LINE (WT: 45)	FT	261.000
0093	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	229.000
0094	646E20500	DOTTED LINE (WT: 45)	FT	200.000
0095	646E20600	BIKE LANE SYMBOL MARKING (WT: 45)	EACH	3.000
0096	646E20650	SHARED LANE MARKING (WT: 45)	EACH	5.000
<b>Total 0008</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0009</b>	<b>TRAFFIC SIGNALS</b>			
0097	625E25400	CONDUIT, 2", 725.04 (WT: 44)	FT	35.000
0098	625E29000	TRENCH (WT: 44)	FT	35.000
0099	625E30706	PULL BOX, 725.08, 24" (WT: 44)	EACH	1.000
0100	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	2.000
0101	632E05065	VEHICULAR SIGNAL HEAD, (LED), 4-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	1.000
0102	632E30200	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES (WT: 44)	FT	52.000
0103	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	FT	52.000
0104	632E40600	SIGNAL CABLE, 6 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	270.000
0105	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	242.000
0106	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	1.000
0107	632E80700	SIGNAL SUPPORT, MISC.: WEATHERHEAD (WT: 44)	EACH	1.000
0108	632E89301	WOOD POLE, AS PER PLAN (WT: 44)	EACH	2.000
0109	632E89400	DOWN GUY (WT: 44)	EACH	2.000
0110	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000
0111	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	2.000
<b>Total 0009</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section 0010</b>	<b>MAINTENANCE OF TRAFFIC</b>			
0112	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	240.000
0113	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	12.000
0114	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0115	614E13310	BARRIER REFLECTOR, TYPE 1 , ONE-WAY (WT: NR)	EACH	72.000

0116	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	72.000
0117	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000
0118	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.010
0119	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	0.890
0120	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	2,379.000
0121	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	277.000
0122	614E25000	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I (WT: 39)	FT	75.000
0123	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	26.000
0124	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	7.000
0125	616E10000	WATER (WT: NR)	MGAL	1.000
0126	618E40101	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN (WT: NR)	FT	100.000
0127	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	2,740.000
0128	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	320.000

**Total 0010 MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0011</b>	<b>STRUCTURE OVER 20 FOOT SPAN (CUY-90-1452)</b>		
0129	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0130	202E22901	APPROACH SLAB REMOVED, AS PER PLAN (WT: NR)	SY	254.000
0131	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0132	503E21100	UNCLASSIFIED EXCAVATION (WT: 21)	CY	82.000
0133	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	218,028.000
0134	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	EACH	616.000
0135	511E33501	SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN (WT: 21)	EACH	4.000
0136	511E34446	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (WT: 21)	CY	798.000
0137	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	70.000
0138	511E42510	CLASS QC1 CONCRETE, PIER CAP (WT: 21)	CY	23.000
0139	511E44110	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING (WT: 21)	CY	37.000
0140	511E53012	CLASS QC2 CONCRETE, MISC.: PARAPET AND SIDEWALK (WT: 21)	CY	35.000

0141	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	902.000
0142	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	1,873.000
0143	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	74.000
0144	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	19.000
0145	512E33000	TYPE 2 WATERPROOFING (WT: NR)	SY	4.000
0146	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	1,044.000
0147	513E10200	STRUCTURAL STEEL MEMBERS, LEVEL UP (WT: 21)	LB	6,100.000
0148	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	4,905.000
0149	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	30,400.000
0150	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	30,400.000
0151	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	30,400.000
0152	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	30,400.000
0153	514E00504	GRINDING FINIS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	36.000
0154	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	15.000
0155	516E10010	ARMORLESS PREFORMED JOINT SEAL (WT: 27)	FT	158.000
0156	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	21.000
0157	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	31.000
0158	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	180.000
0159	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 21)	FT	149.000
0160	516E43300	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (12"X12"X3.70") (WT: 21)	EACH	1.000
0161	516E44200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (12"X18"X3.70") (WT: 21)	EACH	14.000
0162	516E44200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (15"X20"X3.25") (WT: 21)	EACH	21.000

0163	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 21)	LS	1.000
0164	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	110.000
0165	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	774.000
0166	526E10000	REINFORCED CONCRETE APPROACH SLABS (T=12") (WT: 29)	SY	99.000
0167	526E25000	REINFORCED CONCRETE APPROACH SLABS (T=15") (WT: 29)	SY	163.000
0168	526E90031	TYPE C INSTALLATION, AS PER PLAN (WT: 29)	FT	129.000
0169	530E13000	SPECIAL - FORM LINER (WT: 21)	SF	1,524.000
0170	607E39901	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN (WT: 37)	FT	755.000

**Total 0011      STRUCTURE OVER 20 FOOT SPAN (CUY-90-1452)**

<b>Section</b>	<b>0012</b>	<b>INCIDENTALS</b>		
0171	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0172	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0173	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	6.000
0174	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0175	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0012      INCIDENTALS**

**Project Number: 210082**

**PID: 110852**

**Cuyahoga**

US 322-15.59 Safety

E191(802)

DBE Goal: 8.0%

Date Set for Completion: 10/15/2021

Type: INTERSECTION

Plan Cost: N/A

**FOR IMPROVING A SECTION OF THE VILLAGE OF GATES MILLS, OF CUYAHOGA COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY LENGTHENING THE EASTBOUND AND WESTBOUND LEFT-TURN PHASING ON US-322 AT THE INTERSECTION OF SR-174. PROJECT ALSO INCLUDES TRAFFIC SIGNAL REPLACEMENTS AND UPGRADES, INCLUDING OTHER RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	331.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	797.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	71.000
0005	202E58200	INLET REMOVED (WT: NR)	EACH	2.000
0006	203E10000	EXCAVATION (WT: 06)	CY	724.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,552.000
0008	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	55.000
0009	204E13001	EXCAVATION OF SUBGRADE, AS PER PLAN (WT: 06)	CY	100.000
0010	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0011	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	851.000
0012	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3" (WT: 13)	SY	1,424.000
0013	609E26000	CURB, TYPE 6 (WT: 38)	FT	724.000
0014	609E72000	CONCRETE MEDIAN, 6" (WT: 38)	SY	200.000
0015	609E98000	CURB, MISC.:PEDESTRIAN CURB CUT (WT: 38)	FT	48.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		

0016	659E00300	TOPSOIL (WT: 46)	CY	9.000
0017	659E10000	SEEDING AND MULCHING (WT: 46)	SY	78.000
0018	659E35000	WATER (WT: 46)	MGAL	0.500
0019	832E30000	EROSION CONTROL (WT: 08)	EACH	1,148.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section 0003</b>	<b>DRAINAGE</b>			
0020	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	18.000
0021	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	22.000
0022	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	1.000
0023	611E98740	INLET, NO. 2-12 (WT: 35)	EACH	1.000
0024	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	4.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section 0004</b>	<b>PAVEMENT</b>			
0025	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	328.000
0026	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	247.000
0027	407E10000	TACK COAT (WT: 10)	GAL	465.000
0028	441E50100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (WT: 10)	CY	95.000
0029	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	222.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section 0005</b>	<b>LIGHTING</b>			
0030	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	3.000
0031	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	3.000
0032	625E23302	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	1,428.000
0033	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	378.000
0034	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	95.000
0035	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 3" (WT: 43)	FT	227.000
0036	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-III-M, 17,000-19,000 LUMENS (WT: 43)	EACH	3.000
0037	625E29000	TRENCH (WT: 43)	FT	95.000
0038	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	5.000
0039	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	95.000

0040	625E75400	LIGHT POLE REMOVED (WT: NR)	EACH	1.000
Total 0005		LIGHTING		
Section 0006	TRAFFIC CONTROL			
0041	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	52.000
0042	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
0043	642E00100	EDGE LINE, 4", TYPE 1 (WT: 45)	MILE	0.200
0044	642E00200	LANE LINE, 4", TYPE 1 (WT: 45)	MILE	0.060
0045	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.010
0046	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	889.000
0047	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	106.000
0048	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	178.000
0049	642E00720	CHEVRON MARKING, TYPE 1 (WT: 45)	FT	287.000
0050	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	10.000
Total 0006		TRAFFIC CONTROL		
Section 0007	TRAFFIC SIGNALS			
0051	625E18200	BRACKET ARM, 15' (WT: 43)	EACH	3.000
0052	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	100.000
0053	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	75.000
0054	625E25600	CONDUIT, 4", 725.04 (WT: 43)	FT	60.000
0055	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 4" (WT: 43)	FT	226.000
0056	625E29000	TRENCH (WT: 43)	FT	175.000
0057	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	2.000
0058	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	3.000
0059	625E32000	GROUND ROD (WT: 43)	EACH	6.000
0060	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	175.000
0061	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	12.000
0062	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	12.000
0063	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	824.000
0064	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	961.000
0065	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	4.000

0066	632E69300	POWER CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	FT	165.000
0067	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0068	632E77233	SIGNAL SUPPORT, MECHANICAL DAMPER FOR TC-81.21 MAST ARM (GREATER THAN 39' IN LENGTH), AS PER PLAN (WT: 44)	EACH	3.000
0069	632E80503	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 11, AS PER PLAN (WT: 44)	EACH	1.000
0070	632E81001	COMBINATION SIGNAL SUPPORT, TYPE TC- 81.21, DESIGN 4, AS PER PLAN (WT: 44)	EACH	1.000
0071	632E81091	COMBINATION SIGNAL SUPPORT, TYPE TC- 81.21, DESIGN 13, AS PER PLAN (WT: 44)	EACH	2.000
0072	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	1.000
0073	632E90400	SIGNALIZATION, MISC.: TEST HOLE PERFORMED (WT: 44)	EACH	1.000
0074	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	1.000
0075	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0076	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	1.000
0077	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0078	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	2.000
0079	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	4.000
0080	809E69122	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
0081	809E69200	EMERGENCY VEHICLE PREEMPTION (WT: 44)	EACH	1.000
0082	809E69210	PREEMPT RECEIVING UNIT (WT: 44)	EACH	4.000
0083	809E69220	PREEMPT DETECTOR CABLE (WT: 44)	FT	876.000
0084	809E69230	PREEMPT PHASE SELECTOR (WT: 44)	EACH	1.000
0085	809E69240	PREEMPT CONFIRMATION LIGHT (WT: 44)	EACH	4.000

**Total 0007      TRAFFIC SIGNALS**

<b>Section</b>	<b>0008</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0086	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	64.000
0087	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	EACH	1.000
0088	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0089	614E13310	BARRIER REFLECTOR, TYPE 1 (BI- DIRECTIONAL) (WT: NR)	EACH	20.000



0090	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	18.000
0091	614E13600	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A TWO LANE HIGHWAY (WT: 39)	EACH	4.000
0092	614E22200	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	MILE	0.780
0093	614E23400	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 740.06, TYPE I (WT: 39)	FT	101.000
0094	614E24400	WORK ZONE DOTTED LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	FT	1,050.000
0095	616E10000	WATER (WT: NR)	MGAL	0.500
0096	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	913.000
0097	642E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	0.040

**Total 0008 MAINTENANCE OF TRAFFIC**

<b>Section 0009</b>	<b>INCIDENTALS</b>			
0098	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0099	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0100	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0101	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0009</b>	<b>INCIDENTALS</b>			

Project Number: 210083

PID: 90901

Cuyahoga

/LAK-IR 271-13.61/00.00

E161(099)

DBE Goal: 8.0%

Date Set for Completion: 10/15/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF THE CITIES OF HIGHLAND HEIGHTS, OF MAYFIELD HEIGHTS, OF WILLOUGHBY HILLS, AND THE VILLAGE OF MAYFIELD, OF CUYAHOGA COUNTY AND LAKE COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING AND RESURFACING 4.79 MILES OF IR-271, INCLUDING ALL OTHER RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	209E60201	LINEAR GRADING, AS PER PLAN (WT: 06)	STA	769.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0002	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0003	611E98631	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	6.000
0004	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	1,000.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0005	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN A (WT: 16)	SY	2,550.000
0006	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN B (WT: 16)	SY	5,300.000
0007	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 1.5" (WT: 13)	SY	326,589.000
0008	254E01011	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE, AS PER PLAN, 1.5" (WT: 13)	SY	690.000
0009	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	27,818.000

0010	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	9,268.000
0011	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76- 22M, 1.5" (WT: 10)	CY	582.000
0012	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN, PG76- 22M, 1.5" (WT: 10)	CY	13,090.000
0013	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	475.000
0014	618E40601	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN (WT: NR)	MILE	21.330
0015	872E10000	VOID REDUCING ASPHALT MEMBRANE (VRAM) (WT: 10)	FT	3,616.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0016	621E00100	RPM (WT: 41)	EACH	1,591.000
0017	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,200.000
0018	646E10010	EDGE LINE, 6" (WT: 45)	MILE	21.330
0019	646E10110	LANE LINE, 6" (WT: 45)	MILE	17.640
0020	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	11,261.000
0021	646E10400	STOP LINE (WT: 45)	FT	104.000
0022	646E10500	CROSSWALK LINE (WT: 45)	FT	461.000
0023	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	1,636.000
0024	646E20300	LANE ARROW (WT: 45)	EACH	15.000
0025	646E20320	WRONG WAY ARROW (WT: 45)	EACH	6.000
0026	646E20504	DOTTED LINE, 6" (WT: 45)	FT	5,638.000
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>TRAFFIC SIGNALS</b>		
0027	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	6.000
<b>Total 0006</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section</b>	<b>0007</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0028	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	300.000
0029	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	10.000
0030	614E13001	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	CY	50.000
0031	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	9.000

0032	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	17.640
0033	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	17.640
0034	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	21.330
0035	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	21.330
0036	614E23210	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT (WT: 39)	FT	11,261.000
0037	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	11,261.000
0038	614E24202	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT (WT: 39)	FT	5,638.000
0039	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	5,638.000
0040	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	104.000
0041	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	104.000
0042	614E27200	WORK ZONE CROSSWALK LINE, CLASS I, 642 PAINT (WT: 39)	FT	461.000
0043	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	461.000
0044	614E30200	WORK ZONE ARROW, CLASS I, 642 PAINT (WT: 39)	EACH	15.000
0045	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	15.000
0046	630E97800	SIGNING, MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER (WT: 42)	SF	300.000
0047	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	36.000

**Total 0007 MAINTENANCE OF TRAFFIC**

**Section 0008 INCIDENTALS**

0048	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0049	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0050	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	6.000
0051	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0052	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0008 INCIDENTALS**

**Project Number: 210084**  
**PID: 113441**  
**D02**  
HAN, SAN, WIL  
R-WR & WR FY21 (PART 1 AND PART 2)  
E201(022)

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Date Set for Completion: 8/31/2021

Type: PAVEMENT MARKING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE COUNTIES OF SANDUSKY, WILLIAMS, WOOD, ALLEN, HANCOCK, AND WYANDOT, IN OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY APPLYING WET REFLECTIVE PAVEMENT MARKINGS AND PERFORMING ALL RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>EROSION CONTROL (PART 1)</b>		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,500.000
<b>Total</b>	<b>0001</b>	<b>EROSION CONTROL (PART 1)</b>		
<b>Section</b>	<b>0002</b>	<b>TRAFFIC CONTROL (PART 1)</b>		
0002	807E14010	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	58.120
0003	807E14110	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	29.450
0004	807E14200	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CENTER LINE (WT: 45)	MILE	3.390
0005	807E14310	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	17,691.000
0006	807E14410	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	13,868.000
0007	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	87.810
0008	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	13,486.000
0009	850E10130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	17,440.000

0010	850E20010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	MILE	3.150
0011	850E20110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	382.000
0012	850E20130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	251.000
<b>Total 0002</b>		<b>TRAFFIC CONTROL (PART 1)</b>		
<b>Section 0003</b>		<b>MAINTENANCE OF TRAFFIC (PART 1)</b>		
0013	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	120.000
0014	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	6.000
0015	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	1.000
0016	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.500
<b>Total 0003</b>		<b>MAINTENANCE OF TRAFFIC (PART 1)</b>		
<b>Section 0004</b>		<b>EROSION CONTROL (PART 2)</b>		
0017	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total 0004</b>		<b>EROSION CONTROL (PART 2)</b>		
<b>Section 0005</b>		<b>TRAFFIC CONTROL (PART 2)</b>		
0018	807E14010	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	103.040
0019	807E14110	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	49.410
0020	807E14310	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	37,662.000
0021	807E14410	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	33,683.000
0022	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	150.000
0023	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	33,553.000
0024	850E10130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	35,476.000
0025	850E20010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	MILE	2.240
0026	850E20110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	130.000
0027	850E20130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	2,186.000
<b>Total 0005</b>		<b>TRAFFIC CONTROL (PART 2)</b>		

<b>Section 0006</b>		<b>MAINTENANCE OF TRAFFIC (PART 2)</b>		
0028	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	160.000
0029	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	12.000
0030	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	2.000
<b>Total 0006</b>		<b>MAINTENANCE OF TRAFFIC (PART 2)</b>		
<b>Section 0007</b>		<b>INCIDENTALS (PART 1 AND PART 2)</b>		
0031	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0032	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0033	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0007</b>		<b>INCIDENTALS (PART 1 AND PART 2)</b>		

**Project Number: 210085**  
**PID: 98228**  
**D05**  
 PM FY2021 (B) Fast Dry West  
 E170(587)

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Date Set for Completion: 4/15/2022  
 Type: PAVEMENT MARKING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS OF FAIRFIELD COUNTY, KNOX COUNTY, LICKING COUNTY, AND PERRY COUNTY, OF OHIO, BY FURNISHING AND APPLYING FAST DRY WATER-BASED TRAFFIC PAINT ALONG SPECIFIED ROUTES.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>TRAFFIC CONTROL</b>		
0001	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	1,288.940
0002	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	144.460
0003	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	524.920
0004	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	23,611.000
0005	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	55,364.000
0006	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	5,770.000
0007	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	9,491.000
0008	642E01000	RAILROAD SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	23.000
0009	642E01110	SCHOOL SYMBOL MARKING, 96", TYPE 1 (WT: 45)	EACH	40.000
0010	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	338.000
0011	642E01312	LANE REDUCTION ARROW, TYPE 1 (WT: 45)	EACH	3.000
0012	642E01322	WRONG WAY ARROW, TYPE 1 (WT: 45)	EACH	15.000
0013	642E01410	WORD ON PAVEMENT, 96", TYPE 1 (WT: 45)	EACH	149.000
0014	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	29,679.000
0015	642E40000	SPEED MEASUREMENT MARKING (WT: 45)	EACH	17.000
<b>Total</b>	<b>0001</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0002</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0016	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	150.000



Total 0002		MAINTENANCE OF TRAFFIC		
Section 0003	INCIDENTALS			
0017	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0018	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0019	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0003		INCIDENTALS		

**Project Number: 210086**

**PID: 109708**

**D07**

LOG, MIA, SHE

SR-CHIP-FY21 (B)

E190(780)

DBE Goal: 7.0%

Date Set for Completion: 9/30/2021

Type: CHIP SEAL

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS WITHIN CITY OF BELLEFONTAINE, WITHIN ELIZABETH, JEFFERSON, LOST CREEK, SALEM, UNION, AND WAYNE TOWNSHIPS, WITHIN CHAMPAIGN, LOGAN, AND MIAMI COUNTIES, OF OHIO, ACCORDING TO PLANS AND SPECIFICATIONS BY PLACING A SINGLE LAYER OF CHIP SEAL ALONG THE VARIOUS SECTIONS OF ROADWAY, INCLUDING ALL RELATED ITEMS OF WORK.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section 0001</b>	<b>0001</b>	<b>PAVEMENT</b>		
0001	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	800.000
0002	422E11001	AGGREGATE, SINGLE CHIP SEAL, TYPE A, AS PER PLAN (WT: 11)	SY	156,153.000
0003	422E25001	EMULSION, CHIP SEAL, AS PER PLAN (WT: 11)	GAL	62,464.000
<b>Total</b>	<b>0001</b>	<b>PAVEMENT</b>		
<b>Section 0002</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
0004	621E00100	RPM (WT: 41)	EACH	753.000
0005	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,200.000
0006	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	38.400
0007	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	19.200
0008	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	158.000
0009	642E01000	RAILROAD SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	4.000
0010	642E30020	REMOVAL OF PAVEMENT MARKING RAILROAD SYMBOL MARKING (WT: 45)	EACH	2.000
0011	642E30030	REMOVAL OF PAVEMENT MARKING CENTER LINE (WT: 45)	MILE	9.600
0012	642E30030	REMOVAL OF PAVEMENT MARKING EDGE LINE (WT: 45)	MILE	19.200

0013	644E30000	REMOVAL OF PAVEMENT MARKING STOP LINE (WT: 45)	FT	79.000
<b>Total 0002</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0014	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	68.000
0015	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	19.200
0016	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	158.000
0017	614E32200	WORK ZONE RAILROAD SYMBOL MARKING, CLASS I, 642 PAINT (WT: 39)	EACH	4.000
<b>Total 0003</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0004</b>	<b>INCIDENTALS</b>		
0018	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0019	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0020	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0004</b>		<b>INCIDENTALS</b>		

**Project Number: 210087**

**PID: 100873**

**D10**

HOC, WAS

Culverts FY2021

E170(265)

DBE Goal: 7.0%

Date Set for Completion: 8/1/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN WASHINGTON, GALLIA, AND HOCKING COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY FIELD PAVING EXISTING CULVERTS AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	1,254.000
0003	202E75000	FENCE REMOVED (WT: NR)	FT	80.000
0004	607E15000	FENCE, TYPE 47 (WT: 37)	FT	80.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0005	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	19.000
0006	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,000.000
0007	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.090
0008	659E31000	LIME (WT: 46)	ACRE	0.200
0009	659E35000	WATER (WT: 46)	MGAL	4.000
0010	832E30000	EROSION CONTROL (WT: 08)	EACH	6,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0011	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0012	511E47010	CLASS QC1 CONCRETE, CULVERT (WT: 35)	CY	18.000

0013	611E96551	FIELD PAVING OF EXISTING PIPE, AS PER PLAN 103" X 71" CMP PIPE ARCH (WT: 35)	FT	58.000
0014	611E96551	FIELD PAVING OF EXISTING PIPE, AS PER PLAN 54" DIAMETER CMP (WT: 35)	FT	452.000
0015	611E96551	FIELD PAVING OF EXISTING PIPE, AS PER PLAN 72" DIAMETER CMP (WT: 35)	FT	492.000
0016	611E96551	FIELD PAVING OF EXISTING PIPE, AS PER PLAN 96" DIAMETER CMP (WT: 35)	FT	252.000

**Total 0003 DRAINAGE**

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**Section 0004 INCIDENTALS**

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0017	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0018	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0019	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0004 INCIDENTALS**

**Project Number: 210088**  
**PID: 101295**  
**Fulton**  
US 20A/SR 109-18.23/05.85 Resrf  
E190(681)

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DBE Goal: 7.0%

Date Set for Completion: 10/31/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE TOWNSHIPS OF YORK AND SWAN CREEK, IN FULTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PAVEMENT REPAIRS, RESURFACING ASPHALT PAVEMENT, REBUILDING GUARDRAIL, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL RELATED WORK.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E30000	WALK REMOVED (WT: NR)	SF	920.000
0002	202E32000	CURB REMOVED (WT: NR)	FT	135.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	3,213.000
0004	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	11.000
0005	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	7.000
0006	202E42050	ANCHOR ASSEMBLY REMOVED, TYPE B (WT: NR)	EACH	4.000
0007	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	16.000
0008	203E20000	EMBANKMENT (WT: 06)	CY	100.000
0009	209E15000	RESHAPING UNDER GUARDRAIL (WT: 06)	STA	46.000
0010	601E20010	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	CY	100.000
0011	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	2,275.000
0012	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	938.000
0013	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (WT: 36)	EACH	4.000
0014	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	11.000

0015	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	7.000
0016	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	12.000
0017	606E35140	BRIDGE TERMINAL ASSEMBLY, TYPE 4 (WT: 36)	EACH	4.000
0018	606E60029	IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL), AS PER PLAN 55 MPH/36" WIDE (WT: 36)	EACH	1.000
0019	608E10000	4" CONCRETE WALK (WT: 38)	SF	150.000
0020	608E52000	CURB RAMP (WT: 38)	SF	920.000
0021	614E13310	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	67.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0022	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0023	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	7.000
0024	611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	EACH	4.000
0025	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	4.000
0026	611E99660	MANHOLE RECONSTRUCTED TO GRADE (WT: 35)	EACH	3.000
0027	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	1.000
0028	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	2.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0029	202E23000	PAVEMENT REMOVED (WT: NR)	SY	252.600
0030	209E60500	LINEAR GRADING (WT: 06)	MILE	10.000
0031	209E72000	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	STA	8.530
0032	253E02000	PAVEMENT REPAIR (WT: 16)	CY	1,690.000
0033	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3 1/4" (WT: 13)	SY	123,549.000
0034	255E10010	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1 (WT: 17)	SY	67.000
0035	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	320.000
0036	257E10000	DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT (WT: 13)	SY	1,638.000
0037	258E10000	RETROFIT DOWEL BAR (WT: 38)	EACH	122.000

0038	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	16,539.000
0039	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	2,292.000
0040	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN , PG76- 22M (WT: 10)	CY	2,912.400
0041	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	5,596.700
0042	452E14010	10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	252.600
0043	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	968.000
0044	618E41000	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	MILE	8.000
0045	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	8.000
0046	872E10000	VOID REDUCING ASPHALT MEMBRANE (VRAM) (WT: 10)	FT	13,988.000
0047	874E20000	LONGITUDINAL JOINT PREPARATION (WT: 10)	FT	19,122.000
<b>Total 0004 PAVEMENT</b>				
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0048	621E00100	RPM (WT: 41)	EACH	395.000
0049	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	395.000
0050	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	10.000
0051	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	6.300
0052	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	125.000
0053	644E00500	STOP LINE (WT: 45)	FT	96.000
0054	644E00600	CROSSWALK LINE (WT: 45)	FT	1,115.000
0055	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	167.000
0056	644E01200	PARKING LOT STALL MARKING (WT: 45)	FT	1,848.000
0057	644E01300	LANE ARROW (WT: 45)	EACH	1.000
0058	644E40000	SPEED MEASUREMENT MARKING (WT: 45)	EACH	6.000
<b>Total 0005 TRAFFIC CONTROL</b>				
<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0059	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	25.000
0060	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	20.000
0061	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	5.000
0062	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	5.000
0063	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	18.900



0064	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	30.000
0065	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	375.000
0066	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	288.000
<b>Total 0006 MAINTENANCE OF TRAFFIC</b>				
<b>Section</b>	<b>0007</b>	<b>STRUCTURE OVER 20 FOOT SPAN (FUL-20A-2176)</b>		
0067	202E38602	BRIDGE RAILING REMOVED FOR REUSE (WT: NR)	FT	87.500
0068	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	330.000
0069	516E31200	SPECIAL - SAWING AND SEALING BITUMINOUS CONCRETE JOINTS (WT: NR)	FT	120.000
0070	517E75501	BRIDGE RAILING REBUILT, AS PER PLAN (WT: 36)	FT	87.500
0071	517E75601	DEEP BEAM BRIDGE RETROFIT RAILING, AS PER PLAN (WT: 36)	FT	87.500
<b>Total 0007 STRUCTURE OVER 20 FOOT SPAN (FUL-20A-2176)</b>				
<b>Section</b>	<b>0008</b>	<b>INCIDENTALS</b>		
0072	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0073	108E30000	CPM PROGRESS SCHEDULE SHORT DURATION PROJECTS (WT: NR)	LS	1.000
0074	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0075	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0076	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008 INCIDENTALS</b>				

**Project Number: 210089**

**PID: 106427**

**Hamilton**

Lincoln Hts. SRTS 2017

E180(163)

DBE Goal: 6.0%

Date Set for Completion: 8/15/2021

Type: SIDEWALK

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGE OF LINCOLN HEIGHTS, HAMILTON COUNTY, OHIO,  
IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING NEW SIDEWALKS, INSTALLING  
SCHOOL FLASHING BEACONS, CURB RAMP IMPROVEMENTS, AND RELATED WORK**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	717.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	2,220.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	585.000
0005	203E10000	EXCAVATION (WT: 06)	CY	55.000
0006	203E98300	ROADWAY, MISC.: RELOCATE CONCRETE BLOCKS (WT: NR)	FT	109.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	136.000
0008	608E10000	4" CONCRETE WALK (WT: 38)	SF	4,673.000
0009	608E13000	6" CONCRETE WALK (WT: 38)	SF	183.000
0010	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	3,462.000
0011	690E50560	SPECIAL - BICYCLE RACK (WT: NR)	EACH	1.000
0012	690E98000	SPECIAL - MISC.: DUKE ENERGY LIGHTING (WT: NR)	EACH	12,000.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0013	659E00300	TOPSOIL (WT: 46)	CY	51.000
0014	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	462.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.100
0016	659E31000	LIME (WT: 46)	ACRE	0.100

0017	659E35000	WATER (WT: 46)	MGAL	3.000
0018	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0019	253E01000	PAVEMENT REPAIR (WT: 16)	SY	30.000
0020	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	577.000
0021	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	13.000
0022	304E20000	AGGREGATE BASE (WT: 09)	CY	9.000
0023	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	60.000
0024	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	29.000
0025	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	27.000
0026	609E18000	COMBINATION CURB AND GUTTER, TYPE 3 (WT: 38)	FT	218.000
Total	0003	PAVEMENT		
Section	0004	WATER WORK		
0027	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0028	638E10900	SERVICE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
Total	0004	WATER WORK		
Section	0005	OTHER UTILITIES		
0029	611E99700	SPECIAL - GAS VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
Total	0005	OTHER UTILITIES		
Section	0006	TRAFFIC CONTROL		
0030	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	228.000
0031	630E08520	STREET NAME SIGN SUPPORT, NO. 3 POST (WT: 42)	FT	26.000
0032	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	15.000
0033	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	114.000
0034	630E80500	SIGN, DOUBLE FACED, STREET NAME (WT: 42)	EACH	2.000
0035	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	19.000
0036	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	5.000

0037	630E85201	REMOVAL OF GROUND MOUNTED SIGN AND DELIVERY, AS PER PLAN (WT: NR)	EACH	5.000
0038	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	20.000
0039	631E93241	SCHOOL SPEED LIMIT SIGN ASSEMBLY, SOLAR-POWERED, AS PER PLAN (WT: 43)	EACH	4.000
0040	644E00500	STOP LINE, 24" (WT: 45)	FT	157.000
0041	644E00600	CROSSWALK LINE, 24" (WT: 45)	FT	720.000
0042	644E01100	SCHOOL SYMBOL MARKING, 72" (WT: 45)	EACH	4.000
0043	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	533.000
0044	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	3.000
<b>Total</b>	<b>0006</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0007</b>	<b>TRAFFIC SIGNALS</b>		
0045	625E32000	GROUND ROD (WT: 43)	EACH	4.000
0046	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	4.000
<b>Total</b>	<b>0007</b>	<b>TRAFFIC SIGNALS</b>		
<b>Section</b>	<b>0008</b>	<b>INCIDENTALS</b>		
0047	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0048	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0049	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0050	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total</b>	<b>0008</b>	<b>INCIDENTALS</b>		

**Project Number: 210090**

**PID: 109238**

**Huron**

**CULVERT FY2021**

**E190(387)**

DBE Goal: 7.0%

Date Set for Completion: 8/31/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN HURON COUNTY, OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CULVERT REPLACEMENT AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E20010	HEADWALL REMOVED (WT: NR)	EACH	4.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	552.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	38.000
0005	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	83.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	537.500
0007	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	3.000
0008	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	1.000
0009	202E75000	FENCE REMOVED (WT: NR)	FT	447.000
0010	203E10000	EXCAVATION (WT: 06)	CY	770.000
0011	203E20000	EMBANKMENT (WT: 06)	CY	2,101.000
0012	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	635.000
0013	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	562.500
0014	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	3.000
0015	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0016	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	5.000
0017	623E40520	RIGHT-OF-WAY MONUMENT (WT: NR)	EACH	3.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		

Section 0002		EROSION CONTROL		
0018	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	303.000
0019	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	190.000
0020	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	6.000
0021	659E00300	TOPSOIL (WT: 46)	CY	549.000
0022	659E10000	SEEDING AND MULCHING (WT: 46)	SY	4,944.000
0023	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	247.000
0024	659E15000	INTER-SEEDING (WT: 46)	SY	247.000
0025	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.700
0026	659E31000	LIME (WT: 46)	ACRE	1.020
0027	659E35000	WATER (WT: 46)	MGAL	27.370
0028	832E30000	EROSION CONTROL (WT: 08)	EACH	6,000.000
Total 0002		EROSION CONTROL		
Section 0003		DRAINAGE		
0029	605E31100	AGGREGATE DRAINS (WT: 35)	FT	160.000
0030	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	16.000
0031	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	75.000
0032	611E26000	72" CONDUIT, TYPE A, 706.02, 748.06 (0.500), 707.04 (0.138) WITH CONCRETE INVERT PAVING (WT: 35)	FT	88.000
0033	611E53300	53" X 83" CONDUIT, TYPE A, 706.04 (WT: 35)	FT	90.000
0034	611E59100	103" X 71" CONDUIT, TYPE A, 707.03 (0.168) (WT: 35)	FT	40.000
0035	611E96551	FIELD PAVING OF EXISTING PIPE, AS PER PLAN (103" X 71" ARCH) (WT: 35)	FT	93.000
0036	611E98510	CATCH BASIN, NO. 2-3 (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section 0004		PAVEMENT		
0037	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (3.0") (WT: 13)	SY	276.000
0038	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	133.000
0039	304E20000	AGGREGATE BASE (WT: 09)	CY	228.000
0040	407E10000	TACK COAT (WT: 10)	GAL	125.000
0041	442E10501	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (448), AS PER PLAN (3.0"), PG64-22 (WT: 10)	CY	73.000
Total 0004		PAVEMENT		

<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0042	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	4.000
0043	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	8.000
0044	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.120
0045	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.060
<b>Total</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0046	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0047	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000
<b>Total</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0007</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (HUR-13-6.01)</b>		
0048	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0049	602E20000	CONCRETE MASONRY (WT: 35)	CY	7.100
<b>Total</b>	<b>0007</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (HUR-13-6.01)</b>		
<b>Section</b>	<b>0008</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (HUR-99-2.60)</b>		
0050	202E11001	STRUCTURE REMOVED, AS PER PLAN (WT: 35)	LS	1.000
0051	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0052	602E20000	CONCRETE MASONRY (WT: 35)	CY	5.600
<b>Total</b>	<b>0008</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (HUR-99-2.60)</b>		
<b>Section</b>	<b>0009</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (HUR-162-22.85)</b>		
0053	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0054	602E20000	CONCRETE MASONRY (WT: 35)	CY	3.300
<b>Total</b>	<b>0009</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (HUR-162-22.85)</b>		
<b>Section</b>	<b>0010</b>	<b>INCIDENTALS</b>		
0055	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0056	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0057	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	4.000
0058	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000

0059	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0010</b>		<b>INCIDENTALS</b>		



**Project Number: 210091**  
**PID: 113888**  
**Monroe**  
WNF Drainage Improvement Ph1  
E201(241)

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DBE Goal: 7.0%

Date Set for Completion: 11/1/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN MONROE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING NUMEROUS CONDUITS ON FOUR COUNTY ROADS.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E35101	PIPE REMOVED, 24" AND UNDER, AS PER PLAN (WT: NR)	FT	4,292.000
0003	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	60.000
0004	209E60501	LINEAR GRADING, AS PER PLAN (WT: 06)	MILE	21.200
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0005	601E32300	ROCK CHANNEL PROTECTION, TYPE D WITH FILTER (WT: 35)	CY	66.000
0006	832E30000	EROSION CONTROL (WT: 08)	EACH	1,500.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0007	611E04201	12" CONDUIT, TYPE A, AS PER PLAN (WT: 35)	FT	3,200.000
0008	611E05701	15" CONDUIT, TYPE A, AS PER PLAN (WT: 35)	FT	640.000
0009	611E07201	18" CONDUIT, TYPE A, AS PER PLAN (WT: 35)	FT	452.000
0010	611E16201	36" CONDUIT, TYPE A, AS PER PLAN (WT: 35)	FT	60.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>INCIDENTALS</b>		
0011	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000

0012	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0013	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0014	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0004</b>		<b>INCIDENTALS</b>		

**Project Number: 210092**

**PID: 100967**

**Montgomery**

IR 675-04.11

E151(072)

DBE Goal: 8.0%

Date Set for Completion: 8/31/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF CENTERVILLE, TOWNSHIP OF WASHINGTON, IN MONTGOMERY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PAVEMENT REPAIRS, RESURFACING ASPHALT PAVEMENT, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23000	PAVEMENT REMOVED (WT: NR)	SY	12.000
0002	203E10000	EXCAVATION (WT: 06)	CY	38.000
0003	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	110.000
0004	606E55210	SPECIAL - CABLE BARRIER, ANCHOR RECONSTRUCTED (WT: 36)	EACH	2.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>PAVEMENT</b>		
0005	253E01001	PAVEMENT REPAIR, AS PER PLAN (A) (WT: 16)	SY	3,000.000
0006	253E01001	PAVEMENT REPAIR, AS PER PLAN (B) (WT: 16)	SY	2,000.000
0007	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2" (WT: 13)	SY	261,865.000
0008	254E01601	PATCHING PLANED SURFACE, AS PER PLAN (WT: 16)	SY	300.000
0009	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	20.000
0010	304E20000	AGGREGATE BASE (WT: 09)	CY	20.000
0011	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	19,653.000
0012	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	9,759.000

0013	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN, PG 76- 22M (WT: 10)	CY	14,554.000
0014	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	1,093.000
0015	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	13.040
<b>Total 0002</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		
0016	621E00100	RPM (WT: 41)	EACH	891.000
0017	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	891.000
0018	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	66.000
0019	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	4.000
0020	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	4.000
0021	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
0022	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	1,793.000
0023	644E00500	STOP LINE (WT: 45)	FT	116.000
0024	644E00600	CROSSWALK LINE (WT: 45)	FT	326.000
0025	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	157.000
0026	644E01300	LANE ARROW (WT: 45)	EACH	28.000
0027	644E01360	WRONG WAY ARROW (WT: 45)	EACH	9.000
0028	807E14010	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	17.130
0029	807E14110	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	13.150
0030	807E14310	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	7,722.000
0031	807E14410	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	4,537.000
0032	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	30.280
0033	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	4,537.000
0034	850E10130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	7,722.000
<b>Total 0003</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0004</b>	<b>TRAFFIC SIGNALS</b>		

0035	632E90500	SIGNALIZATION, MISC.: UNLASH AND RELASH MESSENGER WIRE (WT: 44)	FT	1,200.000
0036	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	9.000
0037	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	10.000
<b>Total 0004</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section</b>	<b>0005</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0038	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	500.000
0039	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0040	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	5.000
0041	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	10.000
0042	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000
0043	614E20010	WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT (WT: 39)	MILE	13.150
0044	614E22010	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT (WT: 39)	MILE	17.130
0045	614E23010	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT (WT: 39)	FT	7,722.000
0046	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	1,793.000
0047	614E24000	WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT (WT: 39)	FT	4,537.000
0048	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	8.000
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0006</b>	<b>STRUCTURE REPAIR (MOT-675-7.42L)</b>		
0049	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	12.000
<b>Total 0006</b>		<b>STRUCTURE REPAIR (MOT-675-7.42L)</b>		
<b>Section</b>	<b>0007</b>	<b>STRUCTURE REPAIR (MOT-675-7.42R)</b>		
0050	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	3.000
<b>Total 0007</b>		<b>STRUCTURE REPAIR (MOT-675-7.42R)</b>		
<b>Section</b>	<b>0008</b>	<b>INCIDENTALS</b>		
0051	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0052	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0053	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008</b>		<b>INCIDENTALS</b>		

**Project Number: 210093**

**PID: 100961**

**Montgomery**

IR 70-06.71

E151(070)

DBE Goal: 7.0%

Date Set for Completion: 7/31/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITIES OF CLAYTON AND ENGLEWOOD, IN MONTGOMERY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PAVEMENT REPAIRS, RESURFACING ASPHALT PAVEMENT, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section 0001</b>	<b>ROADWAY</b>			
0001	202E23000	PAVEMENT REMOVED (WT: NR)	SY	6.000
0002	203E10000	EXCAVATION (WT: 06)	CY	11.000
0003	690E98400	SPECIAL - QUICK KURBS REMOVED AND REINSTALLED (WT: NR)	LS	1.000
<b>Total 0001</b>	<b>ROADWAY</b>			
<b>Section 0002</b>	<b>PAVEMENT</b>			
0004	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	1,000.000
0005	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2" Depth (WT: 13)	SY	229,397.000
0006	254E01601	PATCHING PLANED SURFACE, AS PER PLAN (WT: 16)	SY	100.000
0007	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	6.000
0008	304E20000	AGGREGATE BASE (WT: 09)	CY	6.000
0009	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	19,505.000
0010	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	12,723.000
0011	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN, PG76-22M (WT: 10)	CY	12,747.000
0012	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	1,036.000

0013	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	15.040
0014	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	24.940
0015	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	6,067.000
0016	850E10130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	6,344.000
0017	850E20010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	MILE	0.480
0018	850E20110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	100.000

**Total 0002 PAVEMENT**

<b>Section</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		
0019	621E00100	RPM (WT: 41)	EACH	574.000
0020	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	557.000
0021	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	33.000
0022	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0023	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0024	644E00500	STOP LINE (WT: 45)	FT	28.000
0025	644E01360	WRONG WAY ARROW (WT: 45)	EACH	2.000
0026	644E40000	SPEED MEASUREMENT MARKING (WT: 45)	EACH	10.000
0027	807E12010	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	0.320
0028	807E12110	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	0.160
0029	807E12410	WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	100.000
0030	807E14010	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	17.100
0031	807E14110	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	7.840
0032	807E14310	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	6,344.000
0033	807E14410	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	6,067.000

**Total 0003 TRAFFIC CONTROL**

<b>Section 0004</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0034	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	300.000
0035	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	10.000
0036	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	20.000
0037	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000
0038	614E20056	WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT (WT: 39)	MILE	8.000
0039	614E22056	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT (WT: 39)	MILE	17.100
0040	614E23110	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT (WT: 39)	FT	4,540.000
0041	614E24100	WORK ZONE DOTTED LINE, CLASS I, 4", 807 PAINT (WT: 39)	FT	5,581.000
0042	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	28.000
0043	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	6.000
<b>Total 0004</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0005</b>		<b>INCIDENTALS</b>		
0044	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0045	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0046	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0005</b>		<b>INCIDENTALS</b>		



**Project Number: 210094**

**PID: 108946**

**Paulding**

**SRTS Payne**

**E190(023)**

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Date Set for Completion: 8/1/2021

Type: SIDEWALK

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGE OF PAYNE, IN PAULDING COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING CONCRETE WALKS, CURB, AND CURB RAMPS, AND PERFORMING ALL RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23000	PAVEMENT REMOVED (WT: NR)	SY	23.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	9,211.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	105.000
0004	202E98100	REMOVAL MISC.:BOLLARD (WT: NR)	EACH	1.000
0005	203E10000	EXCAVATION (WT: 06)	CY	126.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	54.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,718.000
0008	608E10000	4" CONCRETE WALK (WT: 38)	SF	13,665.000
0009	608E13000	6" CONCRETE WALK (WT: 38)	SF	1,625.000
0010	608E52000	CURB RAMP (WT: 38)	SF	108.000
0011	608E53020	DETECTABLE WARNING (WT: 38)	SF	370.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0012	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	1.000
0013	659E00300	TOPSOIL (WT: 46)	CY	75.000
0014	659E10000	SEEDING AND MULCHING (WT: 46)	SY	670.000
0015	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	40.000
0016	659E15000	INTER-SEEDING (WT: 46)	SY	40.000
0017	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.090
0018	659E31000	LIME (WT: 46)	ACRE	0.020

0019	659E35000	WATER (WT: 46)	MGAL	4.000
0020	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0021	609E26000	CURB, TYPE 6 (WT: 38)	FT	132.000
Total	0003	PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0022	643E00501	STOP LINE, AS PER PLAN (WT: 45)	FT	19.000
0023	643E00601	CROSSWALK LINE, AS PER PLAN, 24" WHITE (WT: 45)	FT	565.000
0024	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	473.000
Total	0004	TRAFFIC CONTROL		
Section	0005	INCIDENTALS		
0025	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0026	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0027	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0005	INCIDENTALS		

**Project Number: 210095**

**PID: 106267**

**Pickaway**

**SR-US 22-17.38**

**E191(003)**

DBE Goal: 7.0%

Date Set for Completion: 9/15/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF CIRCLEVILLE, OF PICKAWAY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING THE SPECIFIED PORTIONS OF US ROUTE 22 AND STATE ROUTE 188 THROUGH THE CITY OF CIRCLEVILLE, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT INCLUDES SOME SIDEWALK, CURB, AND CURB RAMP REPLACEMENT. THE PROJECT ALSO INCLUDES THE REPLACEMENT OF 2 DETECTOR LOOPS.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E30001	WALK REMOVED, AS PER PLAN (WT: NR)	SF	3,520.000
0002	202E32000	CURB REMOVED (WT: NR)	FT	10.000
0003	203E10000	EXCAVATION (WT: 06)	CY	1.000
0004	608E10000	4" CONCRETE WALK (WT: 38)	SF	2,144.000
0005	608E52000	CURB RAMP (WT: 38)	SF	1,116.000
0006	608E53021	DETECTABLE WARNING, AS PER PLAN (WT: 38)	SF	236.000
0007	609E26000	CURB, TYPE 6 (WT: 38)	FT	16.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0008	659E10000	SEEDING AND MULCHING (WT: 46)	SY	3.000
0009	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0010	611E99500	INLET, MISC.: TYPE 2A REPLACEMENT TOP (WT: 35)	EACH	1.000
0011	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	4.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		

0012	251E01020	PARTIAL DEPTH PAVEMENT REPAIR (442), 3" AVG. (WT: 16)	SY	7,522.000
0013	251E01040	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), 6" (WT: 16)	SY	200.000
0014	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	38,112.000
0015	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (VARIABLE DEPTH) 0.0" - 2" (WT: 13)	SY	0.670
0016	407E20001	NON-TRACKING TACK COAT, AS PER PLAN (WT: 10)	GAL	3,270.000
0017	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448), PG70-22 (WT: 10)	CY	1,633.000
0018	452E10011	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN (WT: 12)	SY	0.070
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>WATER WORK</b>		
0019	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	6.000
<b>Total 0005</b>		<b>WATER WORK</b>		
<b>Section</b>	<b>0006</b>	<b>TRAFFIC CONTROL</b>		
0020	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0021	644E00200	LANE LINE, 4" (WT: 45)	MILE	0.320
0022	644E00300	CENTER LINE (WT: 45)	MILE	1.470
0023	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	1,313.000
0024	644E00500	STOP LINE (WT: 45)	FT	695.000
0025	644E00600	CROSSWALK LINE (WT: 45)	FT	3,496.000
0026	644E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	1.000
0027	644E01300	LANE ARROW (WT: 45)	EACH	28.000
0028	644E01400	WORD ON PAVEMENT, 72" (WT: 45)	EACH	10.000
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0007</b>	<b>TRAFFIC SIGNALS</b>		
0029	632E26500	DETECTOR LOOP (WT: 44)	EACH	2.000
0030	632E27200	LOOP DETECTOR TIE IN (WT: 44)	EACH	2.000
<b>Total 0007</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section</b>	<b>0008</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0031	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	60.000
0032	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	12.000

0033	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	1.160
0034	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	1,313.000
0035	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	976.000

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**Total 0008      MAINTENANCE OF TRAFFIC**

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**Section 0009      INCIDENTALS**

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0036	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0037	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0038	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0039	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0040	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0009      INCIDENTALS**

**Project Number: 210096**

**PID: 98585**

**Portage**

Tallmadge Rd (CR 18)

E140(631)

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DBE Goal: 7.0%

Date Set for Completion: 6/30/2023

Type: FOUR LANE RESURFACING

Plan Cost: \$79.00

**FOR IMPROVING A SECTION OF PORTAGE COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY WIDENING AND RESURFACING 0.53 MILES OF TALLMADGE ROAD AND 0.27 MILES OF MOGADORE ROAD NORTH AND THE RECONSTRUCTION OF THE IR-76/TALLMADGE ROAD INTERCHANGE RAMPS. PROJECT ALSO INCLUDES STORM SEWER, CULVERT, AND TRAFFIC SIGNAL REPLACEMENTS.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E20010	HEADWALL REMOVED (WT: NR)	EACH	18.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	13,983.000
0004	202E30600	CONCRETE MEDIAN REMOVED (WT: NR)	SY	308.000
0005	202E32000	CURB REMOVED (WT: NR)	FT	525.000
0006	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	1,483.000
0007	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	670.000
0008	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	25.000
0009	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,112.000
0010	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	4.000
0011	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 12" (WT: NR)	FT	168.000
0012	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 15" (WT: NR)	FT	61.000
0013	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 21" (WT: NR)	FT	110.000
0014	202E75000	FENCE REMOVED (WT: NR)	FT	2,101.000
0015	203E10000	EXCAVATION (WT: 04)	CY	15,850.000
0016	203E20000	EMBANKMENT (WT: 04)	CY	11,055.000
0017	203E98000	ROADWAY, MISC.:57 AGGREGATE (WT: 04)	CY	46.000

0018	204E10000	SUBGRADE COMPACTION (WT: 04)	SY	25,875.000
0019	204E13000	EXCAVATION OF SUBGRADE (WT: 04)	CY	2,149.000
0020	204E20001	EMBANKMENT, AS PER PLAN (WT: 04)	CY	1,808.000
0021	204E30011	GRANULAR MATERIAL, TYPE B, AS PER PLAN (WT: 04)	CY	2,245.000
0022	204E45000	PROOF ROLLING (WT: NR)	HOUR	12.000
0023	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	3,880.000
0024	204E51000	GEOGRID (WT: 06)	SY	292.000
0025	209E60200	LINEAR GRADING (WT: 06)	STA	26.000
0026	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	2,024.000
0027	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	356.000
0028	606E17360	GUARDRAIL, TYPE MGS, LONG-SPAN (WT: 36)	FT	88.000
0029	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (WT: 36)	EACH	1.000
0030	606E26150	ANCHOR ASSEMBLY, MGS TYPE E(MASH 2016) (WT: 36)	EACH	4.000
0031	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	11.000
0032	607E23000	FENCE, TYPE CLT (WT: 37)	FT	2,335.000
0033	607E70000	FENCELINE SEEDING AND MULCHING (WT: 46)	FT	2,335.000
0034	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	1.000
0035	623E39501	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN (WT: NR)	EACH	6.000
0036	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	7.000
0037	690E50200	SPECIAL - MAILBOX SUPPORT SYSTEM, DOUBLE (WT: NR)	EACH	4.000
0038	690E98000	SPECIAL - VERTICAL CLEARANCE (WT: NR)	EACH	1.000

**Total 0001 ROADWAY**

<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0039	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	42.000
0040	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	9.000
0041	601E32210	ROCK CHANNEL PROTECTION, TYPE C WITH AGGREGATE FILTER (WT: 35)	CY	1.000
0042	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0043	659E00300	TOPSOIL (WT: 46)	CY	232.000
0044	659E10000	SEEDING AND MULCHING (WT: 46)	SY	30,218.000
0045	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	1,511.000

0046	659E15000	INTER-SEEDING (WT: 46)	SY	1,511.000
0047	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	4.220
0048	659E31000	LIME (WT: 46)	ACRE	6.250
0049	659E35000	WATER (WT: 46)	MGAL	167.000
0050	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	555.000
0051	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	2,542.000
0052	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0053	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0054	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0055	832E30000	EROSION CONTROL (WT: 08)	EACH	160,000.000
0056	836E10000	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1 (WT: 46)	SY	84.000

**Total 0002      EROSION CONTROL**

<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0057	602E20000	CONCRETE MASONRY (WT: 35)	CY	3.900
0058	602E20001	CONCRETE MASONRY, AS PER PLAN (WT: 35)	CY	1.100
0059	605E11110	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	3,007.000
0060	605E13410	6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	1,966.000
0061	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	11,590.000
0062	605E31100	AGGREGATE DRAINS (WT: 35)	FT	178.000
0063	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	418.000
0064	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	270.000
0065	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	40.000
0066	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	232.000
0067	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	74.000
0068	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	144.000
0069	611E05700	15" CONDUIT, TYPE A (WT: 35)	FT	215.000
0070	611E05700	15" CONDUIT, TYPE A, 706.02 (CLASS V) (WT: 35)	FT	64.000
0071	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	541.000
0072	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	231.000
0073	611E07200	18" CONDUIT, TYPE A, 706.02 (WT: 35)	FT	173.000



0074	611E08700	21" CONDUIT, TYPE A, 706.02 (CLASS V) (WT: 35)	FT	128.000
0075	611E52200	14" X 23" CONDUIT, TYPE A, 706.04(CLASS HE-IV) (WT: 35)	FT	172.000
0076	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	6.000
0077	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	2.000
0078	611E98181	CATCH BASIN, NO. 3A, AS PER PLAN (WT: 35)	EACH	3.000
0079	611E98370	CATCH BASIN, NO. 6 (WT: 35)	EACH	1.000
0080	611E98410	CATCH BASIN, NO. 8 (WT: 35)	EACH	1.000
0081	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	4.000
0082	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0083	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	21.000
0084	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	1,000.000

**Total 0003 DRAINAGE**

<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0085	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	1,025.000
0086	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE ,0.5" MIN / 5.5" MAX (WT: 13)	SY	20,789.000
0087	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	762.000
0088	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	3,824.000
0089	304E20000	AGGREGATE BASE (WT: 09)	CY	862.000
0090	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	3,913.000
0091	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	1,554.000
0092	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	4,371.000
0093	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	287.000
0094	441E10100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG70-22M (WT: 10)	CY	113.000
0095	441E10101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), AS PER PLAN PG70-22M (WT: 10)	CY	1,305.000
0096	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	54.000
0097	441E50600	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), (DRIVEWAYS) (WT: 10)	CY	66.000
0098	441E50700	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL) (WT: 10)	CY	76.000

0099	442E20250	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE B (448) (WT: 10)	CY	188.000
0100	442E20251	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE B (448), AS PER PLAN PG70-22M (WT: 10)	CY	2,634.000
0101	452E15020	12" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA (WT: 12)	SY	7,175.000
0102	609E24000	CURB, TYPE 4-A (WT: 38)	FT	423.000
0103	609E26000	CURB, TYPE 6 (WT: 38)	FT	3,083.000
0104	609E70000	4" CONCRETE MEDIAN (WT: 38)	SY	638.000
0105	609E72000	CONCRETE MEDIAN (WT: 38)	SY	364.000
0106	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	41.000
0107	617E20000	SHOULDER PREPARATION (WT: 06)	SY	716.000
0108	617E25000	WATER (WT: NR)	MGAL	2.000
0109	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	0.170
0110	618E40700	RUMBLE STRIPS, SHOULDER (CONCRETE) (WT: NR)	MILE	0.160

**Total 0004 PAVEMENT**

<b>Section 0005</b>	<b>WATER WORK</b>			
0111	638E02400	12" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS (WT: 35)	FT	30.000
0112	638E10300	FIRE HYDRANT EXTENDED AND ADJUSTED TO GRADE (WT: 35)	EACH	4.000
0113	638E10400	FIRE HYDRANT ADJUSTED TO GRADE (WT: 35)	EACH	2.000
0114	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	10.000
0115	638E98000	WATER WORK, MISC.: DRY SUMP REMOVED (WT: 35)	EACH	1.000

**Total 0005 WATER WORK**

<b>Section 0006</b>	<b>SANITARY SEWER</b>			
0116	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	4.000
0117	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	3.000
0118	611E99660	MANHOLE RECONSTRUCTED TO GRADE (WT: 35)	EACH	4.000
0119	611E99661	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000

**Total 0006 SANITARY SEWER**

Section 0007		TRAFFIC CONTROL		
0120	621E00100	RPM (WT: 41)	EACH	104.000
0121	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	46.000
0122	626E00112	BARRIER REFLECTOR, TYPE 3, BI-DIRECTIONAL (WT: NR)	EACH	34.000
0123	626E00112	BARRIER REFLECTOR, TYPE 3, ONE WAY (WT: NR)	EACH	7.000
0124	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	456.500
0125	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	444.600
0126	630E06400	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7 (WT: 42)	FT	207.100
0127	630E06500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9 (WT: 42)	FT	137.100
0128	630E07000	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8X18 (WT: 42)	FT	64.100
0129	630E07600	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12 (WT: 42)	FT	93.200
0130	630E08000	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W12X30 (WT: 42)	FT	106.300
0131	630E08004	ONE WAY SUPPORT, NO. 3 POST (WT: 42)	FT	87.800
0132	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	50.000
0133	630E09000	BREAKAWAY STRUCTURAL BEAM CONNECTION (WT: 42)	EACH	35.000
0134	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	EACH	9.000
0135	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	746.800
0136	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	SF	933.500
0137	630E84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION (WT: 42)	EACH	29.000
0138	630E84501	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION, AS PER PLAN (WT: 42)	EACH	4.000
0139	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	101.000
0140	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0141	630E85400	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL (WT: NR)	EACH	6.000

0142	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	75.000
0143	630E86102	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL (WT: NR)	EACH	27.000
0144	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0145	644E00104	EDGE LINE, 6" (WT: 45)	MILE	1.950
0146	644E00204	LANE LINE, 6" (WT: 45)	MILE	1.060
0147	644E00300	CENTER LINE (WT: 45)	MILE	0.920
0148	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	3,503.000
0149	644E00500	STOP LINE (WT: 45)	FT	354.000
0150	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	766.000
0151	644E00720	CHEVRON MARKING (WT: 45)	FT	313.000
0152	644E00900	ISLAND MARKING (WT: 45)	SF	351.000
0153	644E01300	LANE ARROW (WT: 45)	EACH	48.000
0154	644E01510	DOTTED LINE, 6" (WT: 45)	FT	2,096.000
0155	646E10010	EDGE LINE, 6" (WT: 45)	MILE	1.940
0156	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.480
0157	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	1,148.000
0158	646E10400	STOP LINE (WT: 45)	FT	106.000
0159	646E20300	LANE ARROW (WT: 45)	EACH	9.000
0160	646E20320	WRONG WAY ARROW (WT: 45)	EACH	3.000
0161	646E20504	DOTTED LINE, 6" (WT: 45)	FT	885.000
0162	646E20800	YIELD LINE (WT: 45)	FT	14.000

**Total 0007      TRAFFIC CONTROL**

<b>Section</b>	<b>0008</b>	<b>TRAFFIC SIGNALS</b>		
0163	611E00400	4" CONDUIT, TYPE E (WT: 35)	FT	220.000
0164	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	92.000
0165	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	223.000
0166	625E25600	CONDUIT, 4", 725.04 (WT: 43)	FT	323.000
0167	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 4" (WT: 43)	FT	500.000
0168	625E29000	TRENCH (WT: 43)	FT	608.000
0169	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	3.000
0170	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	8.000
0171	625E32000	GROUND ROD (WT: 43)	EACH	14.000
0172	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	608.000

0173	625E76000	ARC FLASH CALCULATIONS AND LABEL, MOGADORE RD. NORTH / I-76 WB EXIT RAMP (WT: NR)	EACH	1.000
0174	625E76000	ARC FLASH CALCULATIONS AND LABEL, TALLMADGE RD. / MOGADORE RD. NORTH / I- 76 ENTRANCE RAMP (WT: NR)	EACH	1.000
0175	625E76000	ARC FLASH CALCULATIONS AND LABEL, TALLMADGE RD. / MOGADORE RD. SOUTH / I- 76 EB RAMPS (WT: NR)	EACH	1.000
0176	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	22.000
0177	632E05065	VEHICULAR SIGNAL HEAD, (LED), 4- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	1.000
0178	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	5.000
0179	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	28.000
0180	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,847.000
0181	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	2,343.000
0182	632E64011	SIGNAL SUPPORT FOUNDATION, AS PER PLAN (WT: 44)	EACH	8.000
0183	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	3.000
0184	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	3.000
0185	632E75400	SIGNAL SUPPORT, TYPE TC-12.30 DESIGN 8 POLE, WITH MAST ARMS TC-81.21 DESIGN 13 AND DESIGN 4 (WT: 44)	EACH	1.000
0186	632E80103	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 1, AS PER PLAN (WT: 44)	EACH	1.000
0187	632E80603	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 12, AS PER PLAN (WT: 44)	EACH	1.000
0188	632E80621	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 13, AS PER PLAN (WT: 44)	EACH	3.000
0189	632E80629	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 14, AS PER PLAN (WT: 44)	EACH	2.000
0190	632E90010	PEDESTAL, MISC.: PEDESTAL, 16', TRANSFORMER BASE (WT: 44)	EACH	3.000
0191	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	2.000

0192	632E90400	SIGNALIZATION, MISC.:SIGNAL SUPPORT, MECHANICAL DAMPER FOR TC-81.21 MAST ARM (GREATER THAN 39' IN LENGTH) (WT: 44)	EACH	3.000
0193	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	3.000
0194	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	3.000
0195	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	3.000
0196	633E68511	COMMUNICATIONS, AS PER PLAN (WT: 44)	EACH	3.000
0197	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	3.000
0198	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	6.000
0199	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	6.000
0200	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	3.000

**Total 0008      TRAFFIC SIGNALS**

<b>Section</b>	<b>0009</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0201	251E01030	PARTIAL DEPTH PAVEMENT REPAIR (442) (WT: 16)	CY	50.000
0202	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	30.000
0203	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	103.000
0204	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	200.000
0205	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	EACH	3.000
0206	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	388.000
0207	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	4.000
0208	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	9.000
0209	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0210	614E12800	WORK ZONE RAISED PAVEMENT MARKER (WT: 39)	EACH	133.000
0211	614E12801	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN (WT: 39)	EACH	197.000
0212	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	300.000
0213	614E13310	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	30.000

0214	614E13310	BARRIER REFLECTOR, TYPE 1 (ONE WAY) (WT: NR)	EACH	104.000
0215	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	104.000
0216	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	30.000
0217	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	60.000
0218	614E20000	WORK ZONE LANE LINE, CLASS I, 4" (WT: 39)	MILE	0.780
0219	614E20010	WORK ZONE LANE LINE, CLASS I, 6" (WT: 39)	MILE	0.140
0220	614E20360	WORK ZONE LANE LINE, CLASS I, 4", 648 (WT: 39)	MILE	0.120
0221	614E20366	WORK ZONE LANE LINE, CLASS I, 6", 648 (WT: 39)	MILE	0.480
0222	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	1.920
0223	614E21360	WORK ZONE CENTER LINE, CLASS I, 648 (WT: 39)	MILE	0.930
0224	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	3.950
0225	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	2.700
0226	614E22330	WORK ZONE EDGE LINE, CLASS I, 4", 648 (WT: 39)	MILE	1.590
0227	614E22336	WORK ZONE EDGE LINE, CLASS I, 6", 648 (WT: 39)	MILE	1.670
0228	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	2,187.000
0229	614E23010	WORK ZONE CHANNELIZING LINE, CLASS I, 12" (WT: 39)	FT	3,539.000
0230	614E23140	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 648 (WT: 39)	FT	1,589.000
0231	614E23150	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 648 (WT: 39)	FT	684.000
0232	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	3,124.000
0233	614E24140	WORK ZONE DOTTED LINE, CLASS I, 4", 648 (WT: 39)	FT	1,173.000
0234	614E24142	WORK ZONE DOTTED LINE, CLASS I, 6", 648 (WT: 39)	FT	528.000
0235	614E25000	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I (WT: 39)	FT	615.000
0236	614E25120	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 648 (WT: 39)	FT	372.000
0237	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	461.000
0238	614E26120	WORK ZONE STOP LINE, CLASS I, 648 (WT: 39)	FT	253.000
0239	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	26.000

0240	614E30120	WORK ZONE ARROW, CLASS I, 648 (WT: 39)	EACH	25.000
0241	614E32700	WORK ZONE ISLAND MARKING, CLASS I (WT: 39)	SF	66.000
0242	614E32730	WORK ZONE ISLAND MARKING, CLASS I, 648 (WT: 39)	SF	16.000
0243	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 16)	LS	1.000
0244	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	3,053.000
0245	616E10000	WATER (WT: NR)	MGAL	170.000
0246	622E41050	PORTABLE BARRIER, "Y" CONNECTOR (WT: 39)	EACH	1.000
0247	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	5,700.000
Total 0009		MAINTENANCE OF TRAFFIC		
Section 0010	ENVIRONMENTAL / REMEDIATION			
0248	690E65016	SPECIAL - WORK INVOLVING PETROLEUM CONTAMINATED SOIL (WT: NR)	TON	100.000
0249	690E65022	SPECIAL - WORK INVOLVING NON-REGULATED WATER (WT: NR)	GAL	50.000
0250	690E65024	SPECIAL - WORK INVOLVING REGULATED WATER (WT: NR)	GAL	50.000
0251	690E70100	SPECIAL - ASBESTOS ABATEMENT, 10% CHRYSOTILE ASBESTOS (WT: NR)	SF	94.000
Total 0010		ENVIRONMENTAL / REMEDIATION		
Section 0011	STRUCTURE 20 FOOT SPAN AND UNDER (POR-C018A-00675)			
0252	202E11000	STRUCTURE REMOVED (WT: 19)	LS	1.000
0253	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	163.000
0254	203E35140	GRANULAR MATERIAL, TYPE E (WT: 06)	CY	85.000
0255	203E57150	SPECIAL - FOUNDATION EXCAVATION (WT: 06)	CY	85.000
0256	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	148.000
0257	204E51000	GEOGRID (WT: 06)	SY	169.000
0258	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000
0259	503E21300	UNCLASSIFIED EXCAVATION (WT: NR)	LS	1.000
0260	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	4,331.000
0261	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	9.000
0262	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	29.000



0263	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	CY	2.000
0264	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	60.000
0265	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	309.000
0266	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	32.000
0267	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	9.000
0268	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	27.000
0269	611E97400	CONDUIT, MISC.:12' X 4.5' CONDUIT, TYPE A, 706.05, AS PER PLAN (WT: 35)	FT	97.000

**Total 0011      STRUCTURE 20 FOOT SPAN AND UNDER (POR-C018A-00675)**

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<b>Section 0012</b>	<b>INCIDENTALS</b>			
0270	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0271	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0272	619E16020	FIELD OFFICE, TYPE C (WT: NR)	MNTH	27.000
0273	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0274	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0012      INCIDENTALS**

**Project Number: 210097**

**PID: 109843**

**Ross**

SR 104-18.68

E190(844)

DBE Goal: 6.0%

Date Set for Completion: 10/15/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN UNION TOWNSHIP, ROSS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING AN EXISTING ROADWAY, MINOR STRUCTURE REPAIRS, AND RELATED WORK**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0002</b>	<b>PAVEMENT</b>		
0002	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, VARIABLE (1.5" MAX) (WT: 13)	SY	124,102.000
0003	254E01601	PATCHING PLANED SURFACE, AS PER PLAN (WT: 16)	SY	12,410.000
0004	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	11,169.000
0005	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	5,171.000
0006	874E21000	LONGITUDINAL JOINT PREPARATION (WT: 10)	MILE	7.060
<b>Total</b>	<b>0002</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		
0007	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	7.060
0008	621E00100	RPM (WT: 41)	EACH	575.000
0009	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	575.000
0010	644E00104	EDGE LINE, 6" (WT: 45)	MILE	14.120
0011	644E00300	CENTER LINE (WT: 45)	MILE	7.060
<b>Total</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		

Section 0004		MAINTENANCE OF TRAFFIC		
0012	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	122.000
0013	614E13314	BARRIER REFLECTOR, TYPE 3, BIDIRECTIONAL (WT: NR)	EACH	22.000
0014	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	22.000
0015	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	21.180
0016	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	0.390
0017	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	28.240
0018	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	38.000
Total 0004		MAINTENANCE OF TRAFFIC		
Section 0005		STRUCTURE REPAIR (ROS-104-1914 SFN:7103816)		
0019	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	70.000
Total 0005		STRUCTURE REPAIR (ROS-104-1914 SFN:7103816)		
Section 0006		STRUCTURE REPAIR (ROS-104-2225 SFN: 7103875)		
0020	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0021	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	854.000
0022	407E10000	TACK COAT (WT: 10)	GAL	48.000
0023	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	60.000
0024	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	25.000
0025	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	404.000
0026	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 29)	EACH	68.000
0027	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	2.000
0028	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	10.000
0029	516E11801	VERTICAL EXTENSION OF STRUCTURAL EXPANSION JOINT, AS PER PLAN (WT: 27)	FT	65.000
0030	516E31010	2" DEEP JOINT SEALER (WT: 29)	FT	130.000
0031	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	200.000
0032	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	129.000

0033	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	36.000
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<b>Total 0006</b>	<b>STRUCTURE REPAIR (ROS-104-2225 SFN: 7103875</b>
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<b>Section 0007</b>	<b>INCIDENTALS</b>
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0034	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0035	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0036	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	4.000
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0037	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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<b>Total 0007</b>	<b>INCIDENTALS</b>
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**Project Number: 210098**

**PID: 111767**

**Shelby**

SR-SR 47-20.95

E200(531)

DBE Goal: 7.0%

Date Set for Completion: 7/1/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS WITHIN SALEM TOWNSHIP, OF SHELBY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING THE SPECIFIED PORTION OF STATE ROUTE 47 FROM JUST EAST OF PORT JEFFERSON TO THE SHELBY/LOGAN COUNTY BORDER, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT ALSO INCLUDES ADDING A 200' LONG BY 4' WIDE PAVED BERM AT THE INTERSECTION OF STATE ROUTE 47 AND BAKER/LEFEVER ROADS.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23000	PAVEMENT REMOVED (WT: NR)	SY	33.000
0002	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	1,875.000
0003	203E10000	EXCAVATION (WT: 06)	CY	49.000
0004	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	82.000
0005	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	12.280
0006	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	4.000
0007	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	4.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>PAVEMENT</b>		
0008	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	1,400.000
0009	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	12.000
0010	301E46001	ASPHALT CONCRETE BASE, PG64-22, AS PER PLAN (WT: 10)	CY	22.000
0011	304E20000	AGGREGATE BASE (WT: 09)	CY	14.000
0012	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	14,024.000

0013	441E50100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (WT: 10)	CY	3,537.000
0014	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	2,087.000
0015	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	797.000
0016	618E41000	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	MILE	3.760
Total	0002	PAVEMENT		
Section	0003	TRAFFIC CONTROL		
0017	621E00100	RPM (WT: 41)	EACH	480.000
0018	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	480.000
0019	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	22.000
0020	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	3.000
0021	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	12.280
0022	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	6.140
0023	644E00500	STOP LINE (WT: 45)	FT	59.000
Total	0003	TRAFFIC CONTROL		
Section	0004	MAINTENANCE OF TRAFFIC		
0024	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	58.000
0025	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	12.280
0026	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	118.000
Total	0004	MAINTENANCE OF TRAFFIC		
Section	0005	INCIDENTALS		
0027	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0028	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0029	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0005	INCIDENTALS		

**Project Number: 210099**

**PID: 85198**

**Stark**

SR 619-13.15

E090(131)

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DBE Goal: 8.0%

Date Set for Completion: 10/30/2021

Type: INTERSECTION

Plan Cost: N/A

**FOR IMPROVING A SECTION IN STARK COUNTY, OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A NEW ROUNDABOUT AT AN EXISTING INTERSECTION AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	14.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	1,547.000
0004	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	80.000
0005	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	7.000
0006	202E75000	FENCE REMOVED (WT: NR)	FT	188.000
0007	202E75250	GATE REMOVED (WT: NR)	EACH	1.000
0008	202E98100	REMOVAL MISC.: BRICK COLUMN (WT: NR)	EACH	2.000
0009	202E98100	REMOVAL MISC.: INSPECTION WELL (WT: NR)	EACH	1.000
0010	202E98100	REMOVAL MISC.: SIGN (TANNENHAUF) (WT: NR)	EACH	1.000
0011	202E98200	REMOVAL MISC.: CONDUIT (WT: NR)	FT	10.000
0012	202E98200	REMOVAL MISC.: SPLIT RAIL FENCE (WT: NR)	FT	185.000
0013	202E98400	REMOVAL MISC.: STONE WALK (WT: NR)	SF	15.000
0014	202E98400	REMOVAL MISC.: WALK AND STEPS (WT: NR)	SF	110.000
0015	203E10000	EXCAVATION (WT: 06)	CY	5,690.000
0016	203E20000	EMBANKMENT (WT: 06)	CY	1,153.000
0017	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	50.000
0018	203E98000	ROADWAY, MISC.: #4 WASHED LANDSCAPE GRAVEL, 4" THICK (WT: 06)	CY	34.000

0019	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	10,769.000
0020	204E13000	EXCAVATION OF SUBGRADE (12" UNSTABLE SUBGRADE UNDERCUT) (WT: 06)	CY	1,356.000
0021	204E13000	EXCAVATION OF SUBGRADE (18" UNSTABLE SUBGRADE UNDERCUT) (WT: 06)	CY	2,152.000
0022	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	3,508.000
0023	204E45000	PROOF ROLLING (WT: NR)	HOUR	7.000
0024	204E50000	GEOTEXTILE FABRIC, 712.09, TYPE D (WT: 06)	SY	4,067.000
0025	204E51000	GEOGRID (WT: 06)	SY	4,304.000
0026	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	1.000
0027	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	9.000

**Total 0001 ROADWAY**

**Section 0002 EROSION CONTROL**

0028	601E10000	RIPRAP (WT: 35)	SY	17.000
0029	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	21.000
0030	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	6.000
0031	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	6.000
0032	659E00300	TOPSOIL (WT: 46)	CY	1,079.000
0033	659E10000	SEEDING AND MULCHING (WT: 46)	SY	9,720.000
0034	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	486.000
0035	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.310
0036	659E31000	LIME (WT: 46)	ACRE	2.010
0037	659E35000	WATER (WT: 46)	MGAL	52.000
0038	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	234.000
0039	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0040	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0041	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0042	832E30000	EROSION CONTROL (WT: 08)	EACH	100,000.000

**Total 0002 EROSION CONTROL**

**Section 0003 DRAINAGE**

0043	602E20000	CONCRETE MASONRY (WT: 35)	CY	10.000
0044	605E11110	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	1,478.000



0045	605E13410	6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	405.000
0046	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	2,488.000
0047	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	264.000
0048	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	20.000
0049	611E01100	6" CONDUIT, TYPE C, 707.33 (WT: 35)	FT	5.000
0050	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	20.000
0051	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	20.000
0052	611E04400	12" CONDUIT, TYPE B, 706.01 OR 707.33 (WT: 35)	FT	161.000
0053	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	1,023.000
0054	611E04600	12" CONDUIT, TYPE C, 707.33 (WT: 35)	FT	10.000
0055	611E04900	12" CONDUIT, TYPE D, 706.02 (WT: 35)	FT	43.000
0056	611E05900	15" CONDUIT, TYPE B, 706.01 OR 707.33 (WT: 35)	FT	80.000
0057	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	152.000
0058	611E06400	15" CONDUIT, TYPE D (WT: 35)	FT	68.000
0059	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	104.000
0060	611E10600	24" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	9.000
0061	611E11900	27" CONDUIT, TYPE B, 706.01 OR 707.33 (WT: 35)	FT	167.000
0062	611E12100	27" CONDUIT, TYPE C (WT: 35)	FT	74.000
0063	611E13400	30" CONDUIT, TYPE B, 706.01,707.11, OR 707.33 (WT: 35)	FT	246.000
0064	611E13600	30" CONDUIT, TYPE C (WT: 35)	FT	402.000
0065	611E16200	36" CONDUIT, TYPE A, 707.01 OR 707.02 METALLIC COATED (ALUMINIZED), 706.01 OR 707.33 (WT: 35)	FT	99.000
0066	611E26000	72" CONDUIT, TYPE A, (707.01 OR 707.02) METALLIC COATED (AUMINIZED)), 706.02 OR 707.35 (WT: 35)	FT	101.000
0067	611E97400	CONDUIT, MISC.: TYPE B FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	10.000
0068	611E97400	CONDUIT, MISC.: TYPE C FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	10.000
0069	611E97400	CONDUIT, MISC.: TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	10.000
0070	611E97400	CONDUIT, MISC.: TYPE F FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	10.000
0071	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	6.000

0072	611E98151	CATCH BASIN, NO. 3, AS PER PLAN (WT: 35)	EACH	2.000
0073	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	2.000
0074	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	8.000
0075	611E98510	CATCH BASIN, NO. 2-3 (WT: 35)	EACH	4.000
0076	611E98540	CATCH BASIN, NO. 2-4 (WITH WINDOW) (WT: 35)	EACH	1.000
0077	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	2.000
0078	611E99720	INSPECTION WELL (WT: 35)	EACH	1.000

**Total 0003 DRAINAGE**

<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0079	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1 1/4" (WT: 13)	SY	1,127.000
0080	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	1,302.000
0081	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	1,930.000
0082	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	1,036.000
0083	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	201.000
0084	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	28.000
0085	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG70-22M (WT: 10)	CY	320.000
0086	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	389.000
0087	441E50401	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), AS PER PLAN, PG64-22 (WT: 10)	CY	5.000
0088	452E10011	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN (WT: 12)	SY	186.000
0089	452E10050	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	30.000
0090	452E11011	7" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN (WT: 12)	SY	243.000
0091	609E22001	CURB, TYPE 3-B, AS PER PLAN (WT: 38)	FT	553.000
0092	609E24510	CURB, TYPE 4-C (WT: 38)	FT	200.000
0093	609E26000	CURB, TYPE 6 (WT: 38)	FT	3,064.000
0094	609E54001	6" CONCRETE TRAFFIC ISLAND, AS PER PLAN, CLASS QC 1P (WT: 38)	SY	974.000
0095	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	28.000

**Total 0004 PAVEMENT**

Section 0005		LIGHTING		
0096	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	18.000
0097	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	9.000
0098	625E10481	LIGHT POLE, DECORATIVE, AS PER PLAN (WT: 43)	EACH	9.000
0099	625E14100	LIGHT POLE FOUNDATION, 24" X 8' DEEP (WT: 43)	EACH	9.000
0100	625E23302	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	690.000
0101	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	252.000
0102	625E24324	1-1/2" DUCT CABLE WITH THREE NO. 6 AWG 2400 VOLT CABLES (WT: 43)	FT	1,219.000
0103	625E25900	CONDUIT, JACKED OR DRILLED, 3", 725.04 (WT: 43)	FT	200.000
0104	625E27403	LUMINAIRE, POST TOP, SOLID STATE (LED), AS PER PLAN (LANTERN STYLE, REFRACTIVE GLASS, 3000K, BLACK FINISH) (WT: 43)	EACH	9.000
0105	625E29000	TRENCH (WT: 43)	FT	1,129.000
0106	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	3.000
0107	625E32000	GROUND ROD (WT: 43)	EACH	10.000
0108	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	1.000
0109	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	1,129.000
0110	625E76000	ARC FLASH CALCULATIONS AND LABEL, CONTROL CENTER (WT: NR)	EACH	1.000
Total 0005		LIGHTING		
Section 0006		TRAFFIC CONTROL		
0111	621E00100	RPM (WT: 41)	EACH	24.000
0112	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	18.000
0113	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	482.500
0114	630E08600	SIGN POST REFLECTOR (RED) (WT: 42)	EACH	8.000
0115	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	165.800
0116	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	11.000
0117	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	6.000

0118	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	8.000
0119	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.880
0120	646E10200	CENTER LINE (WT: 45)	MILE	0.360
0121	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	235.000
0122	646E98000	PAVEMENT MARKING, MISC.: YIELD LINE MARKING (WT: 45)	EACH	48.000
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0007</b>		<b>TRAFFIC SIGNALS</b>		
0123	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	1.000
<b>Total 0007</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section 0008</b>		<b>LANDSCAPING</b>		
0124	661E19000	DECIDUOUS SHRUB, 12" HEIGHT, POTENTILLA FRUTICOSA (WT: 46)	EACH	8.000
0125	661E19000	DECIDUOUS SHRUB, 12" HEIGHT, SPIREA ABLIFLORA (WT: 46)	EACH	8.000
0126	661E50100	EVERGREEN TREE, 5' HEIGHT, JUNIPERUS CHINENSIS 'IOWA' (WT: 46)	EACH	9.000
0127	662E31000	LANDSCAPE WATERING (WT: 46)	GAL	200.000
0128	690E12000	SPECIAL - FILTER FABRIC (WT: 06)	SY	304.000
<b>Total 0008</b>		<b>LANDSCAPING</b>		
<b>Section 0009</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0129	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0130	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	30.000
0131	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	2.000
<b>Total 0009</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0010</b>		<b>INCIDENTALS</b>		
0132	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0133	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0134	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	9.000
0135	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0136	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0010</b>		<b>INCIDENTALS</b>		

**Project Number: 210100**

**PID: 104613**

**Trumbull**

Warner Rd Bridge

E170(834)

DBE Goal: 10.0%

Date Set for Completion: 10/31/2021

Type: BRIDGE REPLACEMENT (1 BRIDGE)

Plan Cost: N/A

**FOR IMPROVING TRU-WARNER RD. BRIDGE IN TRUMBULL COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING BRIDGE NO. TRU-CH 43-0001, A THREE SPAN GALVANIZED STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE, (SPANS: 31'-6", 42', 31'-6"; ROADWAY: 30' FACE/FACE OF RAILING), WARNER RD. OVER SOUTH BRANCH OF YANKEE RUN.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	2,038.000
0003	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	89.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	15.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	104.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	320.000
0007	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	2.000
0008	202E75000	FENCE REMOVED (WT: NR)	FT	384.000
0009	203E10000	EXCAVATION (WT: 06)	CY	4,403.000
0010	203E20000	EMBANKMENT (WT: 06)	CY	4,403.000
0011	203E40000	BORROW (WT: 06)	CY	1,404.000
0012	203E65000	SPECIAL - SETTLEMENT PLATFORM (WT: NR)	EACH	2.000
0013	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	3,165.000
0014	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	50.000
0015	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	50.000
0016	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0017	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	130.000
0018	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	575.000
0019	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (WT: 36)	EACH	3.000

0020	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0021	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
0022	606E98000	GUARDRAIL, MISC.: CURVED GUARDRAIL PANELS, TYPE MGS (WT: 36)	FT	25.000
0023	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	4.000
0024	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	2.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0025	601E20000	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	SY	137.000
0026	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	26.000
0027	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	12.000
0028	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	396.000
0029	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0030	659E00300	TOPSOIL (WT: 46)	CY	659.000
0031	659E10000	SEEDING AND MULCHING (WT: 46)	SY	5,121.000
0032	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	256.000
0033	659E15000	INTER-SEEDING (WT: 46)	SY	256.000
0034	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.710
0035	659E31000	LIME (WT: 46)	ACRE	1.060
0036	659E35000	WATER (WT: 46)	MGAL	15.000
0037	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	1,470.000
0038	670E00720	DITCH EROSION PROTECTION MAT, TYPE B (WT: 46)	SY	546.000
0039	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0040	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0041	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0042	832E30000	EROSION CONTROL (WT: 08)	EACH	12,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0043	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.210
0044	605E31100	AGGREGATE DRAINS (WT: 35)	FT	441.000
0045	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	81.000

0046	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	1.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0047	251E01001	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN (WT: 16)	SY	3,200.000
0048	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	260.000
0049	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	408.000
0050	407E10000	TACK COAT (WT: 10)	GAL	118.000
0051	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22 (WT: 10)	CY	75.000
0052	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	5.000
0053	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	73.000
0054	690E98400	SPECIAL - VIDEO DOCUMENTATION OF HAUL ROUTES (WT: NR)	LS	1.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0055	626E00102	BARRIER REFLECTOR, TYPE 1 (BI- DIRECTIONAL) (WT: NR)	EACH	23.000
0056	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	32.800
0057	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.500
0058	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
0059	630E85200	REMOVAL OF GROUND MOUNTED SIGN AND DELIVERY (WT: NR)	EACH	27.000
0060	630E86050	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DELIVERY (WT: NR)	EACH	20.000
0061	646E10000	EDGE LINE, 4" (WT: 45)	MILE	0.360
0062	646E10200	CENTER LINE (WT: 45)	MILE	0.180
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0063	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	10.000
0064	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0065	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 10)	CY	10.000
0066	616E10000	WATER (WT: NR)	MGAL	1.000
Total	0006	MAINTENANCE OF TRAFFIC		

Section	0007	STRUCTURE OVER 20 FOOT SPAN (TRU-C0043-001)		
0067	202E11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0068	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0069	503E21100	UNCLASSIFIED EXCAVATION (WT: 21)	CY	183.000
0070	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	58,790.000
0071	511E21522	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (WT: 21)	CY	132.000
0072	511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 21)	EACH	2.000
0073	511E41012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	CY	42.000
0074	511E43512	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	162.000
0075	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	302.000
0076	513E10261	STRUCTURAL STEEL MEMBERS, LEVEL 3, AS PER PLAN (WT: 24)	LB	48,078.000
0077	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	1,764.000
0078	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	28.000
0079	516E25000	NYLON REINFORCED NEOPRENE SHEETING (WT: 21)	SF	300.000
0080	516E44200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), ( 11 X 16 X 2.049) (WT: 21)	EACH	8.000
0081	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, ( 9 X 14 X 2.049) (WT: 21)	EACH	8.000
0082	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	222.000
0083	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	88.000
0084	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 21)	FT	251.000
0085	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	152.000
0086	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	16.000
0087	524E94604	DRILLED SHAFTS, 30" DIAMETER, INTO BEDROCK (WT: 28)	FT	30.000



0088	524E94702	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK (WT: 28)	FT	63.000
0089	524E94704	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK (WT: 28)	FT	72.000
0090	524E94802	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK (WT: 28)	FT	27.000
0091	524E94804	DRILLED SHAFTS, 42" DIAMETER, INTO BEDROCK (WT: 28)	FT	60.000
0092	524E94902	DRILLED SHAFTS, 48" DIAMETER, ABOVE BEDROCK (WT: 28)	FT	83.000
0093	526E25010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") (WT: 29)	SY	167.000
0094	526E90010	TYPE A INSTALLATION (WT: 29)	FT	69.000
0095	625E33000	STRUCTURE GROUNDING SYSTEM (WT: NR)	EACH	1.000
0096	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	30.000

**Total 0007      STRUCTURE OVER 20 FOOT SPAN (TRU-C0043-001)**

<b>Section</b>	<b>0008</b>	<b>INCIDENTALS</b>		
0097	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0098	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0099	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	7.000
0100	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0101	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0008      INCIDENTALS**

**Project Number: 210101**

**PID: 109135**

**Union**

Richwood SRTS Sidewalks

E190(317)

Date Set for Completion: 8/13/2021

Type: SIDEWALK

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGE OF RICHWOOD, IN UNION COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING CONCRETE WALK, CURB, AND DRIVES, AND PERFORMING ALL RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	284.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	20.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	56.000
0005	203E10000	EXCAVATION (WT: 06)	CY	34.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	5.000
0007	608E10000	4" CONCRETE WALK (WT: 38)	SF	6,130.000
0008	608E52000	CURB RAMP (WT: 38)	SF	150.000
0009	608E53020	DETECTABLE WARNING (WT: 38)	SF	50.000
0010	608E98000	WALKWAY, MISC.:INTEGRAL CURB AND WALK (WT: 38)	SF	322.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0011	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,130.000
0012	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.290
0013	659E35000	WATER (WT: 46)	MGAL	11.500
0014	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		

0015	253E01000	PAVEMENT REPAIR (WT: 16)	SY	14.000
0016	304E20000	AGGREGATE BASE (WT: 09)	CY	23.000
0017	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	270.000
Total	0003	PAVEMENT		
Section	0004	WATER WORK		
0018	638E01130	6" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C900, DR18 (WT: 35)	FT	50.000
Total	0004	WATER WORK		
Section	0005	TRAFFIC CONTROL		
0019	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
0020	643E00600	CROSSWALK LINE (WT: 45)	FT	99.000
Total	0005	TRAFFIC CONTROL		
Section	0006	INCIDENTALS		
0021	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0022	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0023	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0024	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0006	INCIDENTALS		

**Project Number: 210102**

**PID: 100768**

**D06**

FAY, FRA, MAD

PMA FY21

Date Set for Completion: 10/31/2022

Type: PAVEMENT MARKING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS WITHIN DELAWARE, FAYETTE, FRANKLIN, MADISON, MARION, MORROW, AND UNION COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY APPLYING FAST DRY PAVEMENT MARKINGS ALONG THE SPECIFIED SECTIONS OF ROADWAY THROUGHOUT ODOT DISTRICT 6.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>TRAFFIC CONTROL</b>		
0001	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	176,353.000
0002	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	18,687.000
0003	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	19,589.000
0004	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	27,964.000
0005	642E00720	CHEVRON MARKING, TYPE 1 (WT: 45)	FT	8,874.000
0006	642E00800	CURB MARKING, TYPE 1 (WT: 45)	FT	209.000
0007	642E00900	ISLAND MARKING, TYPE 1 (WT: 45)	SF	803.000
0008	642E01000	RAILROAD SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	27.000
0009	642E01110	SCHOOL SYMBOL MARKING, 96", TYPE 1 (WT: 45)	EACH	35.000
0010	642E01200	PARKING LOT STALL MARKING, TYPE 1 (WT: 45)	FT	17,205.000
0011	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	1,634.000
0012	642E01312	LANE REDUCTION ARROW, TYPE 1 (WT: 45)	EACH	14.000
0013	642E01322	WRONG WAY ARROW, TYPE 1 (WT: 45)	EACH	5.000
0014	642E01410	WORD ON PAVEMENT, 96", TYPE 1 (WT: 45)	EACH	95.000
0015	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	13,442.000
0016	642E01602	BIKE LANE SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	102.000

0017	642E01702	HANDICAP SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	26.000
0018	642E20802	YIELD LINE, TYPE 1 (WT: 45)	FT	250.000
0019	642E30001	REMOVAL OF PAVEMENT MARKING, AS PER PLAN (WT: 45)	FT	2,500.000
0020	642E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	25.000
0021	642E40000	SPEED MEASUREMENT MARKING (WT: 45)	EACH	3.000
Total	0001	TRAFFIC CONTROL		
Section	0002	MAINTENANCE OF TRAFFIC		
0022	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
Total	0002	MAINTENANCE OF TRAFFIC		
Section	0003	INCIDENTALS		
0023	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0024	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0025	624E10000	MOBILIZATION (WT: NR)	LS	1.000
0026	624E15001	MOBILIZATION, AS PER PLAN (WT: NR)	EACH	20.000
Total	0003	INCIDENTALS		

**Project Number: 210103**

**PID: 109707**

**D07**

DAR, MER

CHIP-FY21 (A)

EDGE Goal: 5.0%

Date Set for Completion: 9/30/2021

Type: CHIP SEAL

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGES OF ANSONIA AND ROCKFORD, OF ALLEN, BROWN, DUBLIN, ST. MARYS, AND WASHINGTON TOWNSHIPS, OF AUGLAIZE, DARKE, AND MERCER COUNTIES, OF OHIO BY APPLYING A SIGNLE LAYER OF CHIP SEAL ALONG VARIOUS ROUTES THROUGHOUT, INCLUDING ALL RELATED ITEMS OF WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section 0001</b>	<b>PAVEMENT</b>			
0001	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	1,150.000
0002	422E11001	AGGREGATE, SINGLE CHIP SEAL, TYPE A, AS PER PLAN (WT: 11)	SY	206,025.000
0003	422E25001	EMULSION, CHIP SEAL, AS PER PLAN (WT: 11)	GAL	82,412.000
<b>Total 0001</b>	<b>PAVEMENT</b>			
<b>Section 0002</b>	<b>TRAFFIC CONTROL</b>			
0004	621E00100	RPM (WT: 41)	EACH	997.000
0005	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,573.000
0006	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	49.400
0007	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	24.700
0008	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	332.000
0009	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	208.000
0010	642E01300	LANE ARROW, TYPE 1 RIGHT (WT: 45)	EACH	4.000
0011	642E30000	REMOVAL OF PAVEMENT MARKING CHANNELIZING LINE (WT: 45)	FT	166.000
0012	642E30000	REMOVAL OF PAVEMENT MARKING STOP LINE (WT: 45)	FT	37.000
0013	642E30020	REMOVAL OF PAVEMENT MARKING ARROW (WT: 45)	EACH	2.000

0014	642E30030	REMOVAL OF PAVEMENT MARKING CENTER LINE (WT: 45)	MILE	12.350
0015	642E30030	REMOVAL OF PAVEMENT MARKING EDGE LINE (WT: 45)	MILE	24.700
0016	644E30000	REMOVAL OF PAVEMENT MARKING STOP LINE (WT: 45)	FT	67.000
<b>Total 0002</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0017	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	113.000
0018	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	24.700
0019	614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	332.000
0020	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	208.000
<b>Total 0003</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0004</b>	<b>INCIDENTALS</b>		
0021	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0022	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0023	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0004</b>		<b>INCIDENTALS</b>		

**Project Number: 210104**

**PID: 100448**

**D09**

BRO, HIG, JAC

RPM FY2021

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Date Set for Completion: 6/30/2021

Type: RAISED PAVEMENT MARKERS

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN ADAMS, BROWN, HIGHLAND, JACKSON, LAWRENCE, PIKE, ROSS, AND SCIOTO COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING RAISED PAVEMENT MARKERS AND REFLECTORS AND RELATED WORK**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section 0001</b>	<b>TRAFFIC CONTROL</b>			
0001	621E00100	RPM (WT: 41)	EACH	1,500.000
0002	621E00300	RPM REFLECTOR (WT: 41)	EACH	63,866.000
<b>Total 0001</b>	<b>TRAFFIC CONTROL</b>			
<b>Section 0002</b>	<b>INCIDENTALS</b>			
0003	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0004	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0005	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0002</b>	<b>INCIDENTALS</b>			



Project Number: 210105

PID: 100334

D11

RPM-FY2021

Date Set for Completion: 5/15/2022

Type: PAVEMENT MARKING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF BELMONT COUNTY, CAROLL COUNTY, COLUMBIANA COUNTY, HARRISON COUNTY, HOLMES COUNTY, JEFFERSON COUNTY, AND TUSCARAWAS COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING DAMAGED OR MISSING RAISED PAVEMENT MARKERS AND PLACING NEW RAISED PAVEMENT MARKERS.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>TRAFFIC CONTROL</b>		
0001	621E00300	RPM REFLECTOR (WT: 41)	EACH	60,062.000
0002	621E90000	RPM, MISC.: REPLACEMENT OF RAISED PAVEMENT MARKERS (WT: 41)	EACH	500.000
<b>Total</b>	<b>0001</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0002</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0003	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	80.000
<b>Total</b>	<b>0002</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0003</b>	<b>INCIDENTALS</b>		
0004	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0005	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0006	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total</b>	<b>0003</b>	<b>INCIDENTALS</b>		

**Project Number: 210106**

**PID: 113070**

**Darke**

**CS-FY2021**

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Date Set for Completion: 6/30/2021

Type: CRACK SEALING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF GREENVILLE, THE VILLAGE OF UNION CITY, BROWN, FRANKLIN, GREENVILLE, JACKSON, MONROE, NEAVE, RICHLAND, TWIN, AND VAN BUREN TOWNSHIPS, OF DARKE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY APPLYING A TYPE IV CRACK SEALER TO APPROXIMATELY 40 MILES OF VARIOUS ROADWAYS THROUGHOUT DARKE COUNTY.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>PAVEMENT</b>		
0001	423E00250	CRACK SEALING, TYPE IV (WT: NR)	SY	878,039.000
<b>Total</b>	<b>0001</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0002</b>	<b>INCIDENTALS</b>		
0002	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0003	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0004	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total</b>	<b>0002</b>	<b>INCIDENTALS</b>		

**Project Number: 210107**

**PID: 111515**

**Franklin**

**MOW FY21**

Date Set for Completion: 11/30/2021

Type: MOWING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN FRANKLIN COUNTY, OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MOWING VEGETATION ALONG THE SPECIFIED ROUTES AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section 0001</b>	<b>ITEMS OF WORK</b>			
0001	691E10000	SPECIAL - HERBICIDAL SPRAYING, WEED AND BRUSH CONTROL FROM ROAD (WT: 49)	ACRE	47.700
0002	691E60100	SPECIAL - HERBICIDAL SPRAYING, CATTAIL CONTROL (WT: 49)	ACRE	22.110
0003	692E10100	SPECIAL - FIRST MOWING (WT: 47)	ACRE	1,760.940
0004	692E20100	SPECIAL - SECOND MOWING (WT: 47)	ACRE	1,760.940
0005	692E30100	SPECIAL - THIRD MOWING (WT: 47)	ACRE	2,120.300
0006	692E30400	SPECIAL - MOWBACK(FIRST MOWING) (WT: 47)	ACRE	750.250
0007	692E30400	SPECIAL - MOWBACK(SECOND MOWING) (WT: 47)	ACRE	750.250
0008	692E30400	SPECIAL - MOWBACK(THIRD MOWING) (WT: 47)	ACRE	974.440
0009	692E35500	SPECIAL - MOWING, CATTAIL CONTROL (WT: 47)	ACRE	22.110
<b>Total 0001</b>	<b>ITEMS OF WORK</b>			
<b>Section 0002</b>	<b>INCIDENTALS</b>			
0010	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0011	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0012	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0002</b>	<b>INCIDENTALS</b>			

Project Number: 210108

PID: 113075

Logan

CS-FY2021

Date Set for Completion: 7/16/2021

Type: CRACK SEALING

Plan Cost: N/A

FOR IMPROVING SECTIONS OF ROADWAY WITHIN VILLAGES OF LAKEVIEW AND RUSSELLS POINT, HARRISON, LAKE, MIAMI, RICHLAND, STOKES, AND WASHINGTON TOWNSHIPS, OF LOGAN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY APPLYING A TYPE IV CRACK SEALER TO APPROXIMATELY 24 MILES WORTH OF ROADWAY ALONG SEVERAL DIFFERENT ROUTES IN LOGAN COUNTY.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>PAVEMENT</b>		
0001	423E00250	CRACK SEALING, TYPE IV (WT: NR)	SY	552,624.000
<b>Total</b>	<b>0001</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0002</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0002	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	24.000
<b>Total</b>	<b>0002</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0003</b>	<b>INCIDENTALS</b>		
0003	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0004	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0005	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total</b>	<b>0003</b>	<b>INCIDENTALS</b>		

**Project Number: 210109**  
**PID: 111860**  
**Miami**  
Lost Creek & Maple Ridge Pks

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Date Set for Completion: 10/15/2021

Type: CHIP SEAL

Plan Cost: N/A

**FOR IMPROVING DRIVES AND PARKING LOTS AT LOST CREEK AND MAPLE RIDGE PARKS IN NEWBERRY AND STAUNTON TOWNSHIPS, OF MIAMI COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CHIP SEALING AND RELATED WORK.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section 0001 ROADWAY</b>				
0001	209E61000	SPECIAL - SHAPING (WT: 06)	SY	12,215.000
<b>Total 0001 ROADWAY</b>				
<b>Section 0002 PAVEMENT</b>				
0002	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	30.000
0003	422E11000	AGGREGATE, SINGLE CHIP SEAL, TYPE A (WT: 11)	SY	3,450.000
0004	422E21001	AGGREGATE, DOUBLE CHIP SEAL, AS PER PLAN (WT: 11)	SY	8,550.000
0005	422E25000	EMULSION, CHIP SEAL (WT: 11)	GAL	2,622.000
0006	422E25001	EMULSION, CHIP SEAL, AS PER PLAN (WT: 11)	GAL	7,353.000
0007	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	12.000
0008	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	3.000
<b>Total 0002 PAVEMENT</b>				
<b>Section 0003 INCIDENTALS</b>				
0009	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0010	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0011	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0003 INCIDENTALS</b>				

**Project Number: 210110**  
**PID: 109713**  
**Miami**  
US-US 36/SR 41-04.61/12.90

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EDGE Goal: 6.0%  
Date Set for Completion: 7/31/2021  
Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITIES OF PIQUA AND TROY AND VILLAGE OF COVINGTON, WITHIN CONCORD, NEWBERRY, NEWTON, AND WASHINGTON TOWNSHIPS, WITHIN MIAMI COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY OVERLAYING PORTIONS OF US ROUTE 36 AND STATE ROUTE 41 IN MIAMI COUNTY, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT INCLUDES PLANING PORTIONS OF BOTH ROUTES AND PERFORMING PAVEMENT REPAIRS IN THESE AREAS. PROJECT ALSO INCLUDES PLANING AND RESURFACING THE INTERCHANGE RAMP FROM STATE ROUTE 41 TO SOUTHBOUND I-75, AND RESURFACING ODOT'S MIAMI COUNTY GARAGE.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	5,762.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	323.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	21.000
0004	202E98100	REMOVAL MISC.; REMOVE BOLLARD FOUNDATION (WT: NR)	EACH	2.000
0005	203E10000	EXCAVATION (WT: 06)	CY	325.000
0006	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,382.000
0007	608E10000	4" CONCRETE WALK (WT: 38)	SF	173.000
0008	608E52000	CURB RAMP (WT: 38)	SF	32.000
0009	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	1.000
0010	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	7.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0011	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		

0012	611E98635	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000
0013	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	6.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0014	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	850.000
0015	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 0" TO 1-1/2" (WT: NR)	SY	2,179.000
0016	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.75" (WT: NR)	SY	4,670.000
0017	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2" (WT: NR)	SY	12,124.000
0018	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 4" (WT: NR)	SY	45.000
0019	254E01601	PATCHING PLANED SURFACE, AS PER PLAN (WT: 16)	SY	50.000
0020	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	159.000
0021	301E46001	ASPHALT CONCRETE BASE, PG64-22, AS PER PLAN (WT: 10)	CY	36.000
0022	304E20000	AGGREGATE BASE (WT: 09)	CY	3.000
0023	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	29,967.000
0024	441E50100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (WT: 10)	CY	7,384.000
0025	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	4,198.000
0026	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN, PG 76- 22M (WT: 10)	CY	228.000
0027	609E26000	CURB, TYPE 6 (WT: 38)	FT	26.000
0028	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	1,233.000
0029	618E41000	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	MILE	15.000
0030	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	7.500
0031	900E01000	SPECIAL - ITEM 874E21000 - . LONGITUDINAL JOINT PREPARATION (WT: 10)	MILE	7.500
Total	0004	PAVEMENT		
Section	0005	WATER WORK		
0032	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
Total	0005	WATER WORK		
Section	0006	TRAFFIC CONTROL		

0033	621E00100	RPM (WT: 41)	EACH	649.000
0034	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	698.000
0035	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	19.540
0036	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	9.470
0037	642E01702	HANDICAP SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	1.000
0038	643E01200	PARKING LOT STALL MARKING (WT: 45)	FT	865.000
0039	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	410.000
0040	644E00500	STOP LINE (WT: 45)	FT	223.000
0041	644E00600	CROSSWALK LINE (WT: 45)	FT	623.000
0042	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	188.000
0043	644E01120	SCHOOL SYMBOL MARKING, 120" (WT: 45)	EACH	2.000
0044	644E01300	LANE ARROW (WT: 45)	EACH	8.000

**Total 0006      TRAFFIC CONTROL**

<b>Section</b>	<b>0007</b>	<b>TRAFFIC SIGNALS</b>		
0045	632E90500	SIGNALIZATION, MISC.: UNLASH AND RELASH MESSENGER WIRE (WT: 44)	FT	450.000
0046	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	4.000
0047	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	4.000

**Total 0007      TRAFFIC SIGNALS**

<b>Section</b>	<b>0008</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0048	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	40.000
0049	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0050	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	61.000
0051	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	18.940
0052	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	38.480
0053	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	820.000
0054	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	446.000
0055	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	1,246.000
0056	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	16.000
0057	614E31770	WORK ZONE SCHOOL SYMBOL MARKING, 120", CLASS III, 642 PAINT (WT: 39)	EACH	4.000

**Total 0008      MAINTENANCE OF TRAFFIC**



Section 0009		INCIDENTALS		
0058	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0059	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0060	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0009		INCIDENTALS		

**Project Number: 210111**  
**PID: 109343**  
**Scioto**  
Shawnee State Forest Culvert

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Date Set for Completion: 7/31/2021  
Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN SCIOTO COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING CULVERTS WITHIN SHAWNEE STATE FOREST AND RELATED WORK**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section 0001</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E20010	HEADWALL REMOVED (WT: NR)	EACH	32.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	81.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	811.000
0005	203E35000	GRANULAR EMBANKMENT (WT: 06)	CY	22.000
0006	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	168.000
0007	503E21104	UNCLASSIFIED EXCAVATION, INCLUDING ROCK (WT: 35)	CY	37.000
<b>Total 0001</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section 0002</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0008	659E10000	SEEDING AND MULCHING (WT: 46)	SY	960.000
0009	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	96.000
0010	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.130
0011	659E31000	LIME (WT: 46)	ACRE	0.200
0012	659E35000	WATER (WT: 46)	MGAL	5.200
0013	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
<b>Total 0002</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section 0003</b>	<b>0003</b>	<b>DRAINAGE</b>		
0014	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	90.000
0015	602E20001	CONCRETE MASONRY, AS PER PLAN (WT: 35)	CY	35.000

0016	611E07201	18" CONDUIT, TYPE A, AS PER PLAN ,707.33 (WT: 35)	FT	860.000
0017	611E10201	24" CONDUIT, TYPE A, AS PER PLAN ,707.33 (WT: 35)	FT	40.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0018	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	504.000
0019	304E20000	AGGREGATE BASE (WT: 09)	CY	47.000
0020	408E10000	PRIME COAT (WT: 10)	GAL	7.000
0021	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	4.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0022	620E00500	DELINEATOR, POST GROUND MOUNTED ,TYPE C (WT: NR)	EACH	32.000
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>INCIDENTALS</b>		
0023	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0024	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0025	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	2.000
0026	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0027	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0006</b>		<b>INCIDENTALS</b>		

**Project Number: 214003**

**PID: 105967**

**Preble**

**IR 70 Culverts FY21**

**E171(270)**

SBE Set-Aside

Date Set for Completion: 9/1/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN BEAVERCREEK TOWNSHIP, PREBLE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CULVERT MAINTENANCE WITH CAST IN PLACE LINER, CONCRETE PATCHING, JOINT GROUTING, AND RELATED WORK**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	3.000
0003	202E70110	SPECIAL - PIPE CLEANOUT, 24" AND UNDER (WT: NR)	FT	130.000
0004	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	210.000
0005	209E10000	DITCH CLEANOUT (WT: 06)	FT	163.000
0006	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0007	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 35)	LS	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0008	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,750.000
0009	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.240
0010	659E31000	LIME (WT: 46)	ACRE	0.360
0011	659E35000	WATER (WT: 46)	MGAL	9.500
0012	832E30000	EROSION CONTROL (WT: 08)	EACH	4,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		

0013	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS, 707.33, 707.41, 707.42, 707.45 (WT: 35)	FT	4.000
0014	611E01100	6" CONDUIT, TYPE C, 707.45 (WT: 35)	FT	4.000
0015	611E04400	12" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	8.000
0016	611E07400	18" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	4.000
0017	611E10400	24" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	4.000
0018	611E98230	CATCH BASIN, NO. 4 (WT: 35)	EACH	1.000
0019	611E98410	CATCH BASIN, NO. 8 (WT: 35)	EACH	2.000
0020	690E98000	SPECIAL - RESEALING INFILTRATING JOINTS WITH HYDROPHOBIC GROUT (WT: 35)	EACH	31.000
0021	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (WT: 29)	SF	660.000
0022	899E10000	CURED-IN-PLACE PIPE LINER 36" (WT: 35)	FT	448.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0023	614E13310	BARRIER REFLECTOR, TYPE 1, ONE-WAY (WT: NR)	EACH	16.000
0024	614E13350	OBJECT MARKER, ONE WAY, ONE-WAY (WT: NR)	EACH	16.000
0025	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	800.000
<b>Total 0004</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0005</b>	<b>INCIDENTALS</b>		
0026	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0027	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0028	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0005</b>		<b>INCIDENTALS</b>		

**Project Number: 214004**

**PID: 109360**

**Ross**

SR 327-03.88

E190(830)

SBE Set-Aside

Date Set for Completion: 7/31/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING ROS-327-3.88 IN ROSS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE EXISTING 103" X 71" CMP ARCH WITH A 72" CONDUIT INCLUDING MINOR APPROACH PAVEMENT.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	444.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	67.000
0004	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	50.000
0005	202E75000	FENCE REMOVED (WT: NR)	FT	182.000
0006	202E75250	GATE REMOVED (WT: NR)	EACH	2.000
0007	203E10000	EXCAVATION (WT: 06)	CY	414.000
0008	203E20000	EMBANKMENT (WT: 06)	CY	425.000
0009	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	837.000
0010	607E15000	FENCE, TYPE 47 (WT: 37)	FT	270.000
0011	607E40500	GATE, TYPE 47 (WT: 37)	EACH	1.000
0012	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0013	601E32010	ROCK CHANNEL PROTECTION, TYPE A WITH AGGREGATE FILTER (WT: 35)	CY	25.000
0014	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	1.000
0015	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,276.000
0016	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	64.000

0017	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.170
0018	659E31000	LIME (WT: 46)	ACRE	0.260
0019	659E35000	WATER (WT: 46)	MGAL	7.000
0020	832E30000	EROSION CONTROL (WT: 08)	EACH	6,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0021	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0022	602E20000	CONCRETE MASONRY (WT: 35)	CY	5.600
0023	605E31100	AGGREGATE DRAINS (WT: 35)	FT	110.000
0024	611E07900	18" CONDUIT, TYPE D (WT: 35)	FT	50.000
0025	611E10900	24" CONDUIT, TYPE D (WT: 35)	FT	40.000
0026	611E26000	72" CONDUIT, TYPE A (FOR ALLOWABLE MATERIAL TYPES, SEE SHEET 14) (WT: 35)	FT	90.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0027	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	102.000
0028	304E20000	AGGREGATE BASE (WT: 09)	CY	81.000
0029	407E10000	TACK COAT (WT: 10)	GAL	72.000
0030	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	75.000
0031	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	37.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0032	621E00100	RPM (WT: 41)	EACH	4.000
0033	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	4.000
0034	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.660
0035	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.330
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0036	253E02000	PAVEMENT REPAIR (WT: 16)	CY	50.000
0037	407E10000	TACK COAT (WT: 10)	GAL	200.000
0038	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	20.000
0039	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	100.000

0040	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	8.000
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0041	616E10000	WATER (WT: NR)	MGAL	5.000
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<b>Total 0006</b>	<b>MAINTENANCE OF TRAFFIC</b>
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<b>Section 0007</b>	<b>INCIDENTALS</b>
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0042	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0043	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0044	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
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0045	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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<b>Total 0007</b>	<b>INCIDENTALS</b>
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# Office of Contracts

## Change of Address Form

Please complete this form and return it to:

**Office of Contracts  
Attn: Customer Service  
P.O. Box 899  
Columbus, Ohio 43216**

### Old Address (For prompt service attach old label here)

Company Name: \_\_\_\_\_  
Attention: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
P.O. Box: \_\_\_\_\_  
P.O. City, St, Zip: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Fax: \_\_\_\_\_

### New Address (Print or Type PLEASE)

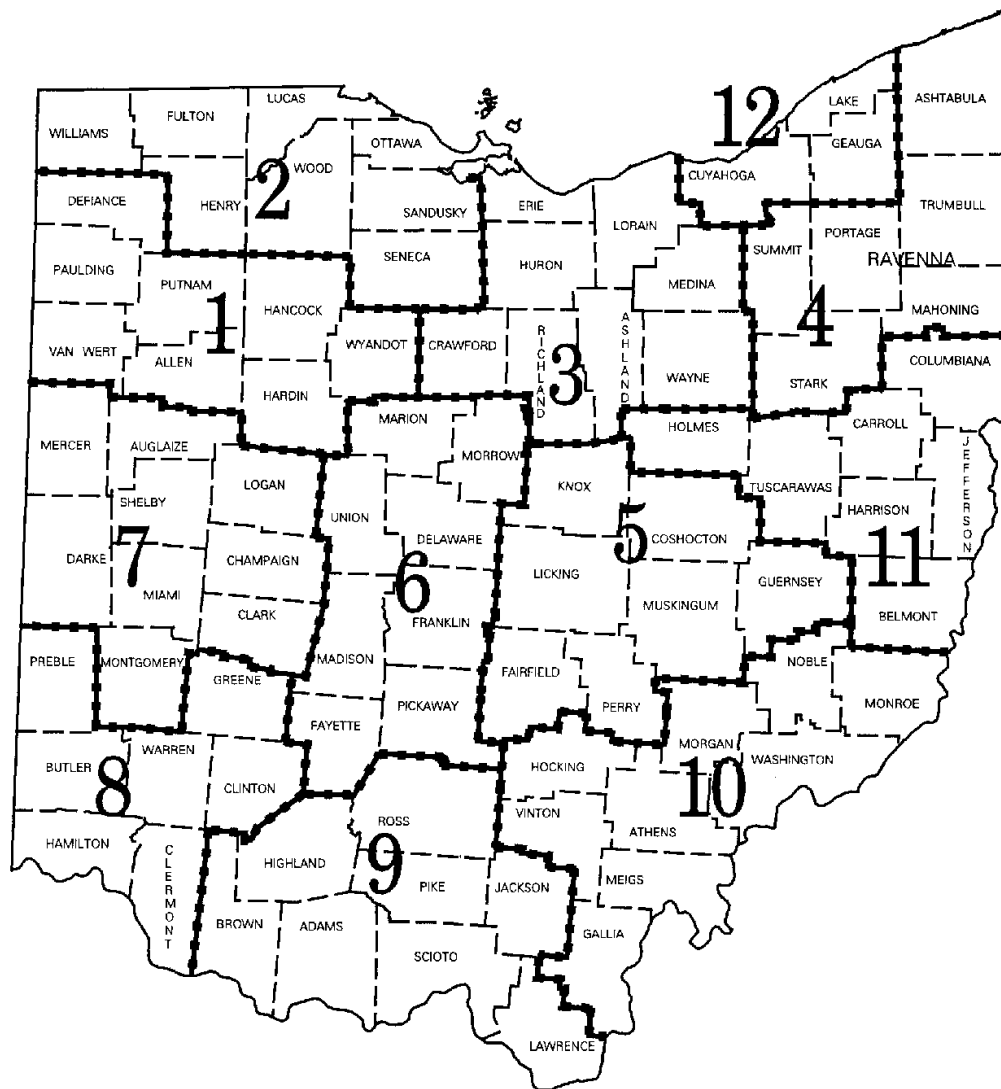
Company Name: \_\_\_\_\_  
Attention: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
P.O. Box: \_\_\_\_\_  
P.O. City, St, Zip: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Fax: \_\_\_\_\_

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(Signature - Name and Title)

(Date)

**To change Prequalified Address, contact the Office of Contracts, Contractor Qualifications Section.**



1.	1885 N. McCullough, Lima, Ohio 45801	419-222-9055
2.	317 East Poe Road, Bowling Green, Ohio 43402	419-353-8131
3.	906 North Clark St., Ashland, Ohio 44805	419-281-0513
4.	2088 S. Arlington Rd., Akron, Ohio 44306	330-786-3100
5.	9600 Jacksontown Road, P.O. Box 306, Jacksontown, Ohio 43030	740-323-4400
6.	400 East Williams St., Delaware, Ohio 43015	740-363-1251
7.	1001 St. Mary's Ave, P.O. Box 969, Sidney, Ohio 45365	937-492-1141
8.	505 South State Rt. 741, Lebanon, Ohio 45036	513-932-3030
9.	650 Eastern Ave., P.O. Box 467, Chillicothe, Ohio 45601	740-773-2691
10.	338 Muskingum Drive, Marietta, Ohio 45750	740-373-0212
11.	2201 Reiser Ave SE, New Philadelphia, Ohio 44663	330-339-6633
12.	5500 Transportation Boulevard, Garfield Heights, Ohio 44125-5396	
	Mail: Box 258003, Garfield Heights, Ohio 44125-8003	216-581-2100

#### Central Office

Office of Contracts, 1980 W. Broad Street, Mail Stop 4110, Columbus, Ohio 43223  
Phone: 800-459-3778 or 614-466-3778  
Fax Number: 614-728-2078