

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION  
COLUMBUS, OHIO

**PROPOSED HIGHWAY  
IMPROVEMENTS FOR CONTRACT  
LETTING**

February 25, 2021

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See Back Cover for District Information

An Equal Opportunity Employer

Thursday, February 25, 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 by the Ohio Unified Certification Program.
- 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.
- 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: 210001**

**PID: 93109**

**Licking**

**US 40-00.00**

**E150(647)**

DBE Goal: 9%

Date Set for Completion: 9/15/2023

Type: MAJOR RECONSTRUCTION

Plan Cost: \$79.00

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF REYNOLDBURG, THE VILLAGE OF KIRKERSVILLE, ETNA AND HARRISON TOWNSHIPS, LICKING COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING A PORTION OF U.S. 40, RECONSTRUCTING A PORTION OF U.S. 40, ADDITION OF TURN LANES, CONSTRUCTION OF A TRAFFIC SIGNAL, 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	169,567.000
0003	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	232.000
0004	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	3,852.000
0005	202E32000	CURB REMOVED (WT: NR)	FT	33.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	9,286.000
0007	202E98100	REMOVAL MISC.: PRIVATE SIGN AND LANDSCAPING (WT: NR)	EACH	1.000
0008	203E10000	EXCAVATION (WT: 04)	CY	33,561.000
0009	203E20000	EMBANKMENT (WT: 04)	CY	10,726.000
0010	204E10000	SUBGRADE COMPACTION (WT: 04)	SY	2,833.000
0011	204E20000	EMBANKMENT (WT: 04)	CY	18,159.000
0012	204E45000	PROOF ROLLING (WT: NR)	HOUR	95.000
0013	206E10500	CEMENT (WT: NR)	TON	5,467.000
0014	206E11000	CURING COAT (WT: 07)	SY	180,908.000
0015	206E15020	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP (WT: 07)	SY	180,908.000
0016	206E30000	MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS (WT: 07)	LS	1.000
0017	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	10,062.500

0018	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350 OR MASH 2016) (WT: 36)	EACH	14.000
0019	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	24.000
0020	609E26001	CURB, TYPE 6, AS PER PLAN (WT: 38)	FT	166.000
0021	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	26.000
0022	690E50200	SPECIAL - MAILBOX SUPPORT SYSTEM, DOUBLE (WT: NR)	EACH	18.000
0023	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	80.000
0024	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0025	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	64.000
0026	653E10001	TOPSOIL FURNISHED AND PLACED, AS PER PLAN (WT: 46)	CY	2,565.000
0027	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	4.000
0028	659E00510	SEEDING AND MULCHING, CLASS 2 (WT: 46)	SY	92,511.000
0029	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	4,629.000
0030	659E15000	INTER-SEEDING (WT: 46)	SY	4,629.000
0031	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	12.920
0032	659E31000	LIME (WT: 46)	ACRE	19.130
0033	659E35000	WATER (WT: 46)	MGAL	512.000
0034	670E00520	SLOPE EROSION PROTECTION MAT, TYPE B (WT: 46)	SY	4,167.000
0035	670E00720	DITCH EROSION PROTECTION MAT, TYPE B (WT: 46)	SY	4,603.000
0036	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0037	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0038	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0039	832E30000	EROSION CONTROL (WT: 08)	EACH	500,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0040	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	1,382.000
0041	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	119.000
0042	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	13.000

0043	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 15" (WT: NR)	FT	279.000
0044	602E20000	CONCRETE MASONRY (WT: 35)	CY	8.000
0045	605E11100	6" SHALLOW PIPE UNDERDRAINS (WT: 35)	FT	12,776.000
0046	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	670.000
0047	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	48,180.000
0048	605E31100	AGGREGATE DRAINS (WT: 35)	FT	70.000
0049	611E00100	4" CONDUIT, TYPE B (WT: 35)	FT	90.000
0050	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	1,748.000
0051	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	120.000
0052	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	70.000
0053	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	140.000
0054	611E05700	15" CONDUIT, TYPE A (WT: 35)	FT	140.000
0055	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	189.000
0056	611E06400	15" CONDUIT, TYPE D (WT: 35)	FT	330.000
0057	611E07200	18" CONDUIT, TYPE A (WT: 35)	FT	146.000
0058	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	5.000
0059	611E10400	24" CONDUIT, TYPE B (WT: 35)	FT	186.000
0060	611E12100	27" CONDUIT, TYPE C (WT: 35)	FT	199.000
0061	611E13200	30" CONDUIT, TYPE A (WT: 35)	FT	120.000
0062	611E97010	SLOTTED DRAIN, TYPE 2, 12" (WT: 35)	FT	1,075.000
0063	611E98410	CATCH BASIN, NO. 8 (WT: 35)	EACH	8.000
0064	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	1.000
0065	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	11.000
0066	611E98631	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	5.000
0067	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	36.000
0068	625E29600	TRENCH IN PAVED AREA, TYPE B (WT: 43)	FT	35.000

**Total 0003 DRAINAGE**

<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0069	253E02000	PAVEMENT REPAIR (WT: 16)	CY	350.000
0070	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.25" (WT: 13)	SY	7,000.000
0071	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3.00" (WT: 13)	SY	209,558.000
0072	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE (3.00" MAX) (WT: 13)	SY	5,134.000

0073	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE (5.00" MAX) (WT: 13)	SY	943.000
0074	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	30,755.000
0075	301E48000	ASPHALT CONCRETE BASE, PG64-22 (DRIVEWAYS) (WT: 10)	CY	215.000
0076	304E20000	AGGREGATE BASE (WT: 09)	CY	31,072.000
0077	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	46,958.000
0078	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	9,322.000
0079	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	163.000
0080	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	548.000
0081	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	27,062.000
0082	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	16,415.000
0083	442E10101	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN (PG64-22/PG64-28) (WT: 10)	CY	16,415.000
0084	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (DRIVEWAYS) (WT: 12)	SY	65.000
0085	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (DRIVEWAYS) (WT: 12)	SY	230.000
0086	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	1,404.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section 0005</b>		<b>WATER WORK</b>		
0087	638E10401	FIRE HYDRANT ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	34.000
0088	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	23.000
<b>Total 0005</b>		<b>WATER WORK</b>		
<b>Section 0006</b>		<b>SANITARY SEWER</b>		
0089	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	39.000
<b>Total 0006</b>		<b>SANITARY SEWER</b>		
<b>Section 0007</b>		<b>TRAFFIC CONTROL</b>		
0090	621E00100	RPM (WT: 41)	EACH	3,158.000
0091	621E00300	RPM REFLECTOR (WT: 41)	EACH	338.000
0092	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	2,356.000



0093	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	2,136.000
0094	630E04100	GROUND MOUNTED SUPPORT, NO. 4 POST (WT: 42)	FT	276.000
0095	630E07600	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12 (WT: 42)	FT	161.000
0096	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	20.000
0097	630E09000	BREAKAWAY STRUCTURAL BEAM CONNECTION (WT: 42)	EACH	8.000
0098	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	1,342.000
0099	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	SF	210.000
0100	630E84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION (WT: 42)	EACH	8.000
0101	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	209.000
0102	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	8.000
0103	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	196.000
0104	644E00104	EDGE LINE, 6" (WT: 45)	MILE	21.410
0105	644E00204	LANE LINE, 6" (WT: 45)	MILE	18.450
0106	644E00300	CENTER LINE (WT: 45)	MILE	17.220
0107	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	15,598.000
0108	644E00500	STOP LINE (WT: 45)	FT	1,705.000
0109	644E00600	CROSSWALK LINE (WT: 45)	FT	641.000
0110	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	5,965.000
0111	644E01300	LANE ARROW (WT: 45)	EACH	181.000
0112	644E01350	LANE REDUCTION ARROW (WT: 45)	EACH	2.000
0113	644E01410	WORD ON PAVEMENT, 96" (WT: 45)	EACH	56.000
0114	644E01510	DOTTED LINE, 6" (WT: 45)	FT	1,594.000

**Total 0007      TRAFFIC CONTROL**

<b>Section 0008</b>	<b>TRAFFIC SIGNALS</b>			
0115	625E25402	CONDUIT, 2", 725.05 (WT: 43)	FT	14.000
0116	625E25602	CONDUIT, 4", 725.05 (WT: 43)	FT	14.000
0117	625E29002	TRENCH, 24" DEEP (WT: 43)	FT	10.000
0118	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	1.000
0119	625E32000	GROUND ROD (WT: 43)	EACH	5.000
0120	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	8.000

0121	632E05065	VEHICULAR SIGNAL HEAD, (LED), 4-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	2.000
0122	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	10.000
0123	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	2.000
0124	632E30300	MESSENGER WIRE, 7 STRAND, 7/16" DIAMETER WITH ACCESSORIES (WT: 44)	FT	440.000
0125	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	FT	440.000
0126	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,065.000
0127	632E64000	STRAIN POLE FOUNDATION (WT: 44)	EACH	4.000
0128	632E67300	POWER CABLE, 3 CONDUCTOR, NO. 8 AWG (WT: 44)	FT	60.000
0129	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0130	632E86140	STRAIN POLE, TYPE TC-81.11, DESIGN 12 (WT: 44)	EACH	4.000
0131	633E65521	CABINET, TYPE 332, AS PER PLAN (WT: 44)	EACH	1.000
0132	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0133	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	1.000
0134	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0135	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	2.000
0136	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	4.000
0137	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
<b>Total 0008</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section 0009</b>		<b>TRAFFIC SIGNALS ALTERNATES</b>		
0138	AA1 815E30001	SPREAD SPECTRUM RADIO, AS PER PLAN(GENERIC) (WT: 44)	EACH	1.000
0139	AA2 815E30001	SPREAD SPECTRUM RADIO, AS PER PLAN(INTUICOM EB-6 PLUS) (WT: 44)	EACH	1.000
<b>Total 0009</b>		<b>TRAFFIC SIGNALS ALTERNATES</b>		
<b>Section 0010</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0140	410E13001	TRAFFIC COMPACTED SURFACE, TYPE C, AS PER PLAN (WT: NR)	CY	3,747.000
0141	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	400.000
0142	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	116.000

0143	614E12421	DETOUR SIGNING, AS PER PLAN (WT: 39)	LS	1.000
0144	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	31.000
0145	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	60.000
0146	614E12756	WORK ZONE CROSSOVER LIGHTING SYSTEM (WT: 39)	EACH	1.000
0147	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	6.000
0148	614E13310	BARRIER REFLECTOR, TYPE 1 , BIDIRECTIONAL (WT: NR)	EACH	948.000
0149	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	948.000
0150	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	128.000
0151	614E20056	WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT (WT: 39)	MILE	0.150
0152	614E20100	WORK ZONE LANE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	20.290
0153	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	20.290
0154	614E21050	WORK ZONE CENTER LINE, CLASS I, 807 PAINT (WT: 39)	MILE	11.190
0155	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	21.040
0156	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	17.040
0157	614E22056	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT (WT: 39)	MILE	20.410
0158	614E23100	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 807 PAINT (WT: 39)	FT	5,144.000
0159	614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	16,816.000
0160	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	16,816.000
0161	614E24100	WORK ZONE DOTTED LINE, CLASS I, 4", 807 PAINT (WT: 39)	FT	2,682.000
0162	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	1,849.000
0163	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	1,182.000
0164	614E30200	WORK ZONE ARROW, CLASS I, 642 PAINT (WT: 39)	EACH	100.000
0165	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0166	615E25001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B, AS PER PLAN (WT: 10)	SY	10,336.000

0167	616E10000	WATER (WT: NR)	MGAL	125.000
0168	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	47,275.000
0169	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	256.000

**Total 0010      MAINTENANCE OF TRAFFIC**

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**Section 0011      INCIDENTALS**

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0170	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0171	108E10000	CPM PROGRESS SCHEDULE (WT: NR)	LS	1.000
0172	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0173	619E16020	FIELD OFFICE, TYPE C (WT: NR)	MNTH	36.000
0174	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0175	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0011      INCIDENTALS**

**Project Number: 210043**

**PID: 76256**

**Hamilton**

IR 75-14.61

E040(822)

DBE Goal: 9%

Date Set for Completion: 5/30/2023

Type: MAJOR RECONSTRUCTION

Plan Cost: \$125.00

**FOR IMPROVING HAM-75-14.61, HAMILTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RECONSTRUCTION OF 2 MILES OF INTERSTATE INCLUDING TRAFFIC SIGNALS AND TRAFFIC SURVEILLANCE, LIGHTING AND TRAFFIC CONTROL. CONSTRUCTION OF BRIDGE NOS. HAM-75-1539L & R, SINGLE SPAN PRESTRESSED I-BEAMS WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE, (SPAN: 133'; ROADWAY: 80'-2" TOE/TOE OF PARAPET), OVER SHARON RD.**

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	202E20010	HEADWALL REMOVED (WT: NR)	EACH	3.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	88,404.000
0005	202E23010	PAVEMENT REMOVED, ASPHALT (WT: NR)	SY	39,444.000
0006	202E30000	WALK REMOVED (WT: NR)	SF	10,228.000
0007	202E30700	CONCRETE BARRIER REMOVED (WT: NR)	FT	315.000
0008	202E32000	CURB REMOVED (WT: NR)	FT	1,307.000
0009	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	1,391.000
0010	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	1,494.000
0011	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	68.000
0012	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	10,069.000
0013	202E53100	MAILBOX REMOVED (WT: NR)	EACH	5.000
0014	202E58000	MANHOLE REMOVED (WT: NR)	EACH	3.000
0015	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	29.000
0016	202E58500	CATCH BASIN ABANDONED (WT: NR)	EACH	3.000
0017	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT (WT: NR)	FT	341.000
0018	202E75000	FENCE REMOVED (WT: NR)	FT	2,306.000
0019	203E10000	EXCAVATION (WT: 04)	CY	118,717.000

0020	203E10001	EXCAVATION, AS PER PLAN (WT: 35)	CY	13,866.000
0021	203E20000	EMBANKMENT (WT: 06)	CY	156,417.000
0022	204E10000	SUBGRADE COMPACTION (WT: 04)	SY	11,272.000
0023	204E13000	EXCAVATION OF SUBGRADE, 18 INCHES DEEP (WT: 04)	CY	17,915.000
0024	204E20001	EMBANKMENT, AS PER PLAN (WT: 04)	CY	13,988.000
0025	204E30020	GRANULAR MATERIAL, TYPE C (WT: 04)	CY	5,041.000
0026	204E45000	PROOF ROLLING (WT: NR)	HOUR	76.000
0027	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	9,966.000
0028	206E10500	CEMENT (WT: NR)	TON	5,783.000
0029	206E11000	CURING COAT (WT: 07)	SY	191,498.000
0030	206E15020	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP (WT: 07)	SY	191,498.000
0031	206E30000	MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS (WT: 07)	LS	1.000
0032	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	12,037.500
0033	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (WT: 36)	EACH	9.000
0034	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	11.000
0035	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	16.000
0036	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	6.000
0037	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	3.000
0038	606E60040	IMPACT ATTENUATOR, TYPE 3 UNIDIRECTIONAL ,(DS=70 MPH, W=90 INCHES) (WT: 36)	EACH	1.000
0039	607E23000	FENCE, TYPE CLT (WT: 37)	FT	2,017.000
0040	607E70000	FENCELINE SEEDING AND MULCHING (WT: 46)	FT	2,017.000
0041	607E98000	FENCE, MISC.:TEMPORARY CONSTRUCTION FENCE (WT: NR)	FT	2,000.000
0042	608E10000	4" CONCRETE WALK (WT: 38)	SF	13,636.000
0043	608E15000	8" CONCRETE WALK (WT: 38)	SF	390.000
0044	608E52000	CURB RAMP (WT: 38)	SF	761.000
0045	622E10160	CONCRETE BARRIER, SINGLE SLOPE, TYPE D (WT: 38)	FT	1,590.000
0046	622E25000	CONCRETE BARRIER END SECTION, TYPE D (WT: 38)	EACH	1.000
0047	622E25001	CONCRETE BARRIER END SECTION, TYPE D, AS PER PLAN (WT: 38)	EACH	3.000

0048	622E25050	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D (WT: 38)	EACH	5.000
0049	622E25051	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D, AS PER PLAN (WT: 38)	EACH	5.000
0050	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	4.000
0051	623E40520	RIGHT-OF-WAY MONUMENT (WT: NR)	EACH	2.000
0052	690E98000	SPECIAL - BOLLARD REMOVED AND RESET (WT: NR)	EACH	3.000
0053	690E98400	SPECIAL - CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION (WT: NR)	LS	1.000
0054	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
0600	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	127,644.000
0601	622E10140	CONCRETE BARRIER, SINGLE SLOPE, TYPE C1 (WT: 38)	FT	80.000

**Total 0001 ROADWAY**

<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0055	601E11000	RIPRAP, TYPE D (WT: 35)	SY	9.000
0056	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	1,368.000
0057	601E32004	ROCK CHANNEL PROTECTION, TYPE A WITH GEOTEXTILE FABRIC (WT: 35)	CY	4.000
0058	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	29.000
0059	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	33.000
0060	601E39000	PAVED GUTTER, TYPE 4 (WT: 38)	FT	1,626.000
0061	601E45050	BIORETENTION CELL (WT: 35)	CY	4,459.000
0062	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	5.000
0063	659E00300	TOPSOIL (WT: 46)	CY	28,390.000
0064	659E10000	SEEDING AND MULCHING (WT: 46)	SY	220,445.000
0065	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	11,023.000
0066	659E15000	INTER-SEEDING (WT: 46)	SY	11,023.000
0067	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	30.740
0068	659E31000	LIME (WT: 46)	ACRE	45.550
0069	659E35000	WATER (WT: 46)	MGAL	1,221.000
0070	659E40000	MOWING (WT: 46)	MSF	497.000
0071	659E98000	SEEDING, MISC.: BIORETENTION CELLS (WT: 46)	SY	3,350.000
0072	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	23,512.000

0073	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	4,425.000
0074	671E15000	EROSION CONTROL MAT, TYPE A (WT: 46)	SY	3,937.000
0075	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0076	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0077	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0078	832E30000	EROSION CONTROL (WT: 08)	EACH	991,071.000
0079	836E10000	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1 (WT: 46)	SY	2,531.000
0080	836E10020	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 2 (WT: 46)	SY	658.000

**Total 0002      EROSION CONTROL**

<b>Section 0003</b>	<b>DRAINAGE</b>			
0081	602E20000	CONCRETE MASONRY (WT: 35)	CY	6.720
0082	602E98200	MASONRY, MISC.: SPECIAL HALF-HEIGHT HEADWALL (WT: 35)	CY	4.000
0083	605E11110	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	50,564.000
0084	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	100.000
0085	605E13410	6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	389.000
0086	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	51,887.000
0087	611E00100	4" CONDUIT, TYPE B (WT: 35)	FT	100.000
0088	611E00200	4" CONDUIT, TYPE C (WT: 35)	FT	100.000
0089	611E00200	4" CONDUIT, TYPE C, 707.41 (NON- PERFORATED) (WT: 35)	FT	627.000
0090	611E00200	4" CONDUIT, TYPE C, 707.41 (PERFORATED) (WT: 35)	FT	2,709.000
0091	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	3,922.000
0092	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	159.000
0093	611E01100	6" CONDUIT, TYPE C (WT: 35)	FT	100.000
0094	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	100.000
0095	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	325.000
0096	611E04400	12" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	66.000
0097	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	20.000
0098	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	87.000



0099	611E05900	15" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	123.000
0100	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	339.000
0101	611E07400	18" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	150.000
0102	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	401.000
0103	611E08900	21" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	17.000
0104	611E10400	24" CONDUIT, TYPE B (WT: 35)	FT	50.000
0105	611E10400	24" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	87.000
0106	611E12100	27" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	17.000
0107	611E13400	30" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	25.000
0108	611E13600	30" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	45.000
0109	611E16600	36" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	15.000
0110	611E24000	60" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	17.000
0111	611E26400	72" CONDUIT, TYPE C (WT: 35)	FT	956.000
0112	611E96600	CONDUIT, BORED OR JACKED, 18" CONDUIT, TYPE B, 748.06 (WT: 35)	FT	50.000
0113	611E96600	CONDUIT, BORED OR JACKED, 24" CONDUIT, TYPE B, 748.06 (WT: 35)	FT	280.000
0114	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	7.000
0115	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	5.000
0116	611E98230	CATCH BASIN, NO. 4 (WT: 35)	EACH	9.000
0117	611E98300	CATCH BASIN, NO. 5 (WT: 35)	EACH	2.000
0118	611E98341	CATCH BASIN, NO. 5A (WT: 35)	EACH	1.000
0119	611E98390	CATCH BASIN, NO. 7 (WT: 35)	EACH	2.000
0120	611E98410	CATCH BASIN, NO. 8 (WT: 35)	EACH	1.000
0121	611E99114	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE D (WT: 35)	EACH	1.000
0122	611E99115	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE D, AS PER PLAN (WT: 35)	EACH	4.000
0123	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	8.000
0124	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	8.000
0125	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	24.000
0126	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	1,000.000
0602	202E11200	PORTIONS OF STRUCTURE REMOVED (WT: 19)	LS	1.000
0603	622E25014	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C1 (WT: 38)	EACH	2.000

**Total 0003 DRAINAGE**

**Section 0004 PAVEMENT**

0127	251E98000	PARTIAL DEPTH REPAIR, MISC.:PERFORMED IN 2021 (WT: 16)	CY	1,000.000
0128	251E98000	PARTIAL DEPTH REPAIR, MISC.:PERFORMED IN 2022 (WT: 16)	CY	1,000.000
0129	251E98000	PARTIAL DEPTH REPAIR, MISC.:PERFORMED IN 2023 (WT: 16)	CY	300.000
0130	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, (1"-3.25") (WT: 13)	SY	19,447.000
0131	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, (1.5") (WT: 13)	SY	116,824.000
0132	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	2,278.000
0133	301E46001	ASPHALT CONCRETE BASE, PG64-22, AS PER PLAN (WT: 10)	CY	667.000
0134	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	50,032.000
0135	304E20000	AGGREGATE BASE (WT: 09)	CY	44,671.000
0136	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	42,457.000
0137	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	2.000
0138	441E50600	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), (DRIVEWAYS) (WT: 10)	CY	3.000
0139	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	8,212.000
0140	442E10101	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN, PG64-28 (WT: 10)	CY	415.000
0141	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN (WT: 10)	CY	11,460.000
0142	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (WT: 10)	CY	1,232.000
0143	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) (WT: 10)	CY	995.000
0144	442E20201	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448), AS PER PLAN, PG64-28 (WT: 10)	CY	667.000
0145	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 38)	SY	67.000
0146	452E16050	13.5" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	22,594.000
0147	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	555.000
0148	609E12001	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN (WT: 38)	FT	3,272.000
0149	609E14000	CURB, TYPE 2-A (WT: 38)	FT	419.000

0150	609E24510	CURB, TYPE 4-C (WT: 38)	FT	76.000
0151	618E40601	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN (WT: NR)	MILE	9.230

**Total 0004 PAVEMENT**

<b>Section</b>	<b>0005</b>	<b>WATER WORK</b>		
0152	203E10001	EXCAVATION, AS PER PLAN (ADDITIONAL EXCAVATION (CIN. 1119)) * (WT: 35)	CY	5.000
0153	203E10001	EXCAVATION, AS PER PLAN (EXPLORATORY EXCAVATION (CIN. 1120)) * (WT: 35)	CY	5.000
0154	509E25000	UNCOATED REINFORCING STEEL (WT: 35)	LB	120.000
0155	602E98200	MASONRY, MISC.: BRICK MASONRY * (WT: 35)	CY	1.000
0156	602E98200	MASONRY, MISC.: CONCRETE, CLASS QC (CIN. 1110) (WT: 35)	CY	1.000
0157	638E11500	SHEETING AND BRACING ORDERED LEFT IN PLACE * (WT: 35)	MBF	1.000
0158	638E98000	WATER WORK, MISC.: ADJUST EXISTING VALVE CHAMBER TO GRADE (CIN. 604) (WT: 35)	EACH	4.000
0159	638E98000	WATER WORK, MISC.: DISCONNECTING EXISTING 5/8-INCH THRU 2-INCH SERVICE BRANCHES (CIN. 1138) (WT: 35)	EACH	1.000
0160	638E98000	WATER WORK, MISC.: FURNISHING AND INSTALLING 6" FIRE HYDRANT EXTENSION (CIN. 1115) (WT: 35)	EACH	2.000
0161	638E98000	WATER WORK, MISC.: FURNISHING AND INSTALLING FIRE HYDRANT (CIN. 1112) (WT: 35)	EACH	2.000
0162	638E98000	WATER WORK, MISC.: FURNISHING AND INSTALLING VALVE BOX, COMPLETE (CIN. 1116) (WT: 35)	EACH	2.000
0163	638E98000	WATER WORK, MISC.: REMOVING CURB AND ROADWAY BOXES (CIN. 1138) (WT: 35)	EACH	1.000
0164	638E98000	WATER WORK, MISC.: REMOVING EXISTING VALVE BOX (CIN. 1122) (WT: 35)	EACH	2.000
0165	638E98000	WATER WORK, MISC.: REMOVING FIRE HYDRANT (CIN. 1114) (WT: 35)	EACH	2.000
0166	638E98000	WATER WORK, MISC.: RESETTING EXISTING VALVE BOXES COMPLETE (CIN. 1125) (WT: 35)	EACH	3.000
0167	638E98600	WATER WORK, MISC.: FURNISHING AND LAYING 12" DUCTILE IRON PIPE AND FITTINGS (CIN. 1101) (WT: 35)	FT	24.000
0168	638E98600	WATER WORK, MISC.: FURNISHING AND LAYING 6" DUCTILE IRON PIPE AND FITTINGS (CIN. 1101) (WT: 35)	FT	82.000

Total 0005		WATER WORK		
Section 0006	SANITARY SEWER			
0169	611E97910	SPECIAL - SANITARY SEWER, MSD SANITARY SEWER PROTECTION (WT: 35)	LS	1.000
0170	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	9.000
Total 0006		SANITARY SEWER		
Section 0007	LIGHTING			
0171	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	268.000
0172	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	48.000
0173	625E10490	LIGHT POLE, CONVENTIONAL, AT20B40 (WT: 43)	EACH	4.000
0174	625E10494	LIGHT POLE, LOW MAST, ATLM50 (WT: 43)	EACH	115.000
0175	625E14200	LIGHT POLE FOUNDATION, 24" X 10' DEEP (WT: 43)	EACH	124.000
0176	625E23200	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	9,978.000
0177	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	18,370.000
0178	625E24320	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES (WT: 43)	FT	22,018.000
0179	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	1,676.000
0180	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	149.000
0181	625E25900	CONDUIT, JACKED OR DRILLED, 725.04, 3" (WT: 43)	FT	1,399.000
0182	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, 250 W HPS EQUIVALENT, 480V, ASSYMETRIC (WT: 43)	EACH	2.000
0183	625E26273	LUMINAIRE, LOW MAST, SOLID STATE (LED), AS PER PLAN, 400 W, 480V, SYMMETRIC (WT: 43)	EACH	117.000
0184	625E27503	LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN, 150 W HPS EQUIVALENT, 480V, ASSYMMETRIC (WT: 43)	EACH	8.000
0185	625E29000	TRENCH (WT: 43)	FT	21,969.000
0186	625E29500	TRENCH IN PAVED AREA, TYPE A (WT: 43)	FT	549.000
0187	625E29900	JUNCTION BOX (WT: 43)	EACH	8.000
0188	625E30510	PULL BOX, 725.06, SIZE 4 (WT: 43)	EACH	4.000
0189	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	17.000
0190	625E31510	PULL BOX REMOVED (WT: 43)	EACH	20.000
0191	625E32000	GROUND ROD (WT: 43)	EACH	127.000

0192	625E33000	STRUCTURE GROUNDING SYSTEM (WT: 43)	EACH	2.000
0193	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	2.000
0194	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	21,969.000
0195	625E37100	SERVICE TO UNDERPASS LIGHTING (WT: 43)	EACH	4.000
0196	625E38000	HIGH VOLTAGE TEST (WT: 43)	LS	1.000
0197	625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	LS	1.000
0198	625E75350	LIGHT TOWER REMOVED (WT: NR)	EACH	12.000
0199	625E75400	LIGHT POLE REMOVED (WT: NR)	EACH	41.000
0200	625E75500	LIGHT POLE FOUNDATION REMOVED (WT: NR)	EACH	41.000
0201	625E75510	POWER SERVICE REMOVED (WT: NR)	EACH	1.000
0202	625E75520	LUMINAIRE SUPPORT REMOVED (WT: NR)	EACH	6.000
0203	625E75540	LIGHT TOWER FOUNDATION REMOVED (WT: NR)	EACH	12.000
0204	625E75801	DISCONNECT CIRCUIT, AS PER PLAN (WT: NR)	EACH	100.000
0604	625E10495	LIGHT POLE, LOW MAST, AS PER PLAN, ATLM50 (WT: 43)	EACH	3.000

**Total 0007 LIGHTING**

<b>Section 0008</b>	<b>TRAFFIC CONTROL</b>			
0205	621E00100	RPM (WT: 41)	EACH	1,693.000
0206	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,524.000
0207	625E32000	GROUND ROD (WT: 43)	EACH	30.000
0208	626E00102	BARRIER REFLECTOR, TYPE 1, BI- DIRECTIONAL (WT: NR)	EACH	8.000
0209	626E00102	BARRIER REFLECTOR, TYPE 1, ONE-WAY (WT: NR)	EACH	28.000
0210	626E00110	BARRIER REFLECTOR, TYPE 2, BI- DIRECTIONAL (WT: NR)	EACH	27.000
0211	626E00110	BARRIER REFLECTOR, TYPE 2, ONE-WAY (WT: NR)	EACH	139.000
0212	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	1,419.000
0213	630E06400	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7 (WT: 42)	FT	99.900
0214	630E07500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22 (WT: 42)	FT	348.700
0215	630E07600	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12 (WT: 42)	FT	172.600

0216	630E08004	ONE WAY SUPPORT, NO. 3 POST (WT: 42)	FT	120.000
0217	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	18.000
0218	630E09000	BREAKAWAY STRUCTURAL BEAM CONNECTION (WT: 42)	EACH	14.000
0219	630E20800	OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 8 (WT: 42)	EACH	2.000
0220	630E74500	OVERHEAD SIGN SUPPORT, MISC.: TYPE TC- 12.31 DESIGN 12 (WT: 42)	EACH	4.000
0221	630E74500	OVERHEAD SIGN SUPPORT, MISC.: TYPE TC- 12.31 DESIGN 6 (WT: 42)	EACH	2.000
0222	630E74500	OVERHEAD SIGN SUPPORT, MISC.: TYPE TC- 15.116 DESIGN 2 (WT: 42)	EACH	6.000
0223	630E74500	OVERHEAD SIGN SUPPORT, MISC.: TYPE TC- 15.116 DESIGN 3 (WT: 42)	EACH	1.000
0224	630E74500	OVERHEAD SIGN SUPPORT, MISC.: TYPE TC- 16.22 DESIGN 13 (WT: 42)	EACH	2.000
0225	630E74500	OVERHEAD SIGN SUPPORT, MISC.: TYPE TC- 17.11 DESIGN 10 (WT: 42)	EACH	1.000
0226	630E74500	OVERHEAD SIGN SUPPORT, MISC.: TYPE TC- 17.11 DESIGN 8 (WT: 42)	EACH	2.000
0227	630E79100	SIGN HANGER ASSEMBLY, MAST ARM (WT: 42)	EACH	14.000
0228	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	2.000
0229	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	1,202.700
0230	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	SF	549.000
0231	630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	SF	3,429.500
0232	630E81020	CONCRETE MEDIAN BARRIER SIGN BRACKET (WT: 42)	EACH	1.000
0233	630E84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION (WT: 42)	EACH	28.000
0234	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	21.000
0235	630E84520	SPAN WIRE SIGN SUPPORT FOUNDATION (WT: 42)	EACH	6.000
0236	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	130.000
0237	630E85400	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL (WT: NR)	EACH	6.000
0238	630E85600	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND REERECTION (WT: 42)	EACH	7.000
0239	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	112.000

0240	630E86102	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL (WT: NR)	EACH	43.000
0241	630E86310	REMOVAL OF STRUCTURE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0242	630E87100	REMOVAL OF OVERHEAD MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
0243	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	42.000
0244	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	4.000
0245	630E89706	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30 (WT: NR)	EACH	5.000
0246	630E89802	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-7.65 (WT: NR)	EACH	5.000
0247	630E89810	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-17.10 (WT: NR)	EACH	4.000
0248	630E89812	REMOVAL OF WOOD POLE AND DISPOSAL (WT: NR)	EACH	1.000
0249	631E94406	REMOVAL OF SIGNS WIRED (WT: NR)	EACH	1.000
0250	631E97700	SIGN LIGHTING MISC.: REMOVE AND REERECT ILLUMINATED SIGN (WT: 43)	EACH	2.000
0251	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.100
0252	644E00104	EDGE LINE, 6" (WT: 45)	MILE	12.740
0253	644E00200	LANE LINE, 4" (WT: 45)	MILE	0.710
0254	644E00204	LANE LINE, 6" (WT: 45)	MILE	17.000
0255	644E00300	CENTER LINE (WT: 45)	MILE	1.000
0256	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	6,531.000
0257	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	18,756.000
0258	644E00500	STOP LINE (WT: 45)	FT	392.000
0259	644E00600	CROSSWALK LINE (WT: 45)	FT	630.000
0260	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	735.000
0261	644E00720	CHEVRON MARKING (WT: 45)	FT	887.000
0262	644E00900	ISLAND MARKING (WT: 45)	SF	640.000
0263	644E01120	SCHOOL SYMBOL MARKING, 120" (WT: 45)	EACH	2.000
0264	644E01300	LANE ARROW (WT: 45)	EACH	86.000
0265	644E01500	DOTTED LINE, 4" (WT: 45)	FT	620.000
0266	644E01510	DOTTED LINE, 6" (WT: 45)	FT	9,705.000
0267	644E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	3.720
0268	646E10010	EDGE LINE, 6" (WT: 45)	MILE	2.360
0269	646E10110	LANE LINE, 6" (WT: 45)	MILE	1.150

0270	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	2,110.000
0271	646E10400	STOP LINE (WT: 45)	FT	169.000
0272	646E10500	CROSSWALK LINE (WT: 45)	FT	265.000
0273	646E20300	LANE ARROW (WT: 45)	EACH	31.000
0274	646E20320	WRONG WAY ARROW (WT: 45)	EACH	4.000
0275	646E20502	DOTTED LINE, 4" (WT: 45)	FT	276.000
0605	630E84010	CONCRETE BARRIER MEDIAN OVERHEAD SIGN SUPPORT FOUNDATION, TYPE TC- 21.50 (WT: 42)	EACH	1.000

**Total 0008      TRAFFIC CONTROL**

<b>Section</b>	<b>0009</b>	<b>TRAFFIC SURVEILLANCE</b>		
0276	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	345.000
0277	625E25408	CONDUIT, 2", 725.051 (WT: 44)	FT	726.000
0278	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	1,113.000
0279	625E25504	CONDUIT, 3", 725.051 (WT: 44)	FT	1,271.000
0280	625E25750	CONDUIT, 4", MULTICELL, 725.20 , EPC-40 (WT: 44)	FT	20,838.000
0281	625E25752	CONDUIT, 4", MULTICELL, 725.20 , EPC-80 (WT: 44)	FT	1,198.000
0282	625E25901	CONDUIT, JACKED OR DRILLED, AS PER PLAN ,3" OR 4" (WT: 44)	FT	1,341.000
0283	625E29010	TRENCH, 30" DEEP (WT: 44)	FT	12,921.000
0284	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	10.000
0285	625E30710	PULL BOX, 725.08, 32" (WT: 44)	EACH	38.000
0286	625E31510	PULL BOX REMOVED (WT: 43)	EACH	6.000
0287	625E32000	GROUND ROD (WT: 43)	EACH	6.000
0288	625E32001	GROUND ROD, AS PER PLAN (WT: 44)	EACH	5.000
0289	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	6.000
0290	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	12,921.000
0291	630E70021	OVERHEAD SIGN SUPPORT, DMS TRUSS, 115', AS PER PLAN (WT: 42)	EACH	1.000
0292	630E70051	CATWALK, DMS TRUSS, AS PER PLAN (WT: 42)	EACH	1.000
0293	630E70080	OVERHEAD SIGN SUPPORT FOUNDATION, DMS TRUSS (WT: 42)	EACH	2.000
0294	632E04905	VEHICULAR SIGNAL HEAD, (LED), 2- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	8.000
0295	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	8.000



0296	632E26500	DETECTOR LOOP (WT: 44)	EACH	8.000
0297	632E27004	LOOP DETECTOR UNIT (WT: 44)	EACH	8.000
0298	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	2,625.000
0299	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	2.000
0300	632E65300	LOOP DETECTOR LEAD-IN CABLE, 2 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	2,751.000
0301	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	3,153.000
0302	632E90300	SIGNALIZATION, MISC.: REMOVAL OF ITS EQUIPMENT (WT: 44)	LS	1.000
0303	632E90400	SIGNALIZATION, MISC.: RAMP METER SIGN (WT: 44)	EACH	2.000
0304	632E90400	SIGNALIZATION, MISC.: SIGNAL SUPPORT, MECHANICAL DAMPER FOR TC-81.22 MAST ARM (GREATER THAN 39' IN LENGTH) (WT: 44)	EACH	2.000
0305	632E90400	SIGNALIZATION, MISC.: SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12 (WT: 44)	EACH	2.000
0306	633E67100	CABINET FOUNDATION (WT: 44)	EACH	4.000
0307	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	2.000
0308	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	3.000
0309	633E74000	UNINTERRUPTIBLE POWER SUPPLY (UPS) (WT: 44)	EACH	4.000
0310	804E15010	FIBER OPTIC CABLE, 24 FIBER (WT: 56)	FT	13,358.000
0311	804E34022	FIBER TERMINATION PANEL, 24 FIBER (WT: 56)	EACH	7.000
0312	809E60000	CCTV IP-CAMERA SYSTEM, DOME-TYPE (WT: 44)	EACH	1.000
0313	809E61000	CCTV CONCRETE POLE WITH LOWERING UNIT, 70 FEET (WT: 44)	EACH	1.000
0314	809E63000	DYNAMIC MESSAGE SIGN (DMS), FULL-SIZE WALK-IN (WT: 44)	EACH	1.000
0315	809E65000	ITS CABINET - GROUND MOUNTED (WT: 44)	EACH	2.000
0316	809E65030	ITS CABINET - RAMP METER (WT: 44)	EACH	2.000
0317	809E65990	ITS DEVICE, MISC.: EX. CABINET WORK (WT: 44)	EACH	3.000
0318	809E67000	RAMP METER STATION (WT: 44)	EACH	2.000
0319	809E68900	SIDE-FIRED RADAR DETECTOR (WT: 44)	EACH	2.000
0320	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	4.000

0321	809E70000	MAINTAINING ITS DURING CONSTRUCTION (WT: 44)	LS	1.000
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<b>Total 0009</b>	<b>TRAFFIC SURVEILLANCE</b>
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<b>Section 0010</b>	<b>TRAFFIC SIGNALS</b>
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0322	611E00400	4" CONDUIT, TYPE E (WT: 44)	FT	100.000
0323	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	2.000
0324	625E00460	CONNECTION, UNFUSED PULL APART (WT: 44)	EACH	2.000
0325	625E18401	BRACKET ARM, 20', AS PER PLAN (WT: 44)	EACH	2.000
0326	625E23304	NO. 8 AWG 600 VOLT DISTRIBUTION CABLE (WT: 44)	FT	646.000
0327	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	420.000
0328	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	272.000
0329	625E25600	CONDUIT, 4", 725.04 (WT: 44)	FT	187.000
0330	625E27551	LUMINAIRE, DECORATIVE, AS PER PLAN (SHARONVILLE) (WT: 43)	EACH	2.000
0331	625E29000	TRENCH (WT: 43)	FT	459.000
0332	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	1.000
0333	625E31506	PULL BOX REMOVED AND REPLACED (WT: 44)	EACH	3.000
0334	625E32001	GROUND ROD, AS PER PLAN (WT: 44)	EACH	8.000
0335	625E36000	PLASTIC CAUTION TAPE (WT: NR)	FT	272.000
0336	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	10.000
0337	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (NO BACKPLATES) (WT: 44)	EACH	4.000
0338	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (NO BACKPLATES) (WT: 44)	EACH	2.000
0339	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	5.000
0340	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	16.000
0341	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	7.000
0342	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	3.000
0343	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	3.000

0344	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,975.000
0345	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,546.000
0346	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	3.000
0347	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	5.000
0348	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	7.000
0349	632E80700	SIGNAL SUPPORT, MISC.:SIGNAL SUPPORT, MECHANICAL DAMPER FOR TYPE TC-81.22 MAST ARM (GREATER THAN 39' IN LENGTH) (WT: 44)	EACH	3.000
0350	632E80700	SIGNAL SUPPORT, MISC.:SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 13 (WT: 44)	EACH	1.000
0351	632E81700	COMBINATION SIGNAL SUPPORT, MISC.:COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 13 (SHARONVILLE) (WT: 44)	EACH	2.000
0352	632E89900	PEDESTAL, 8', TRANSFORMER BASE (WT: 44)	EACH	4.000
0353	632E89901	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (WT: 44)	EACH	1.000
0354	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	3.000
0355	632E90200	REUSE OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	9.000
0356	632E90202	REUSE OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	2.000
0357	633E99300	CONTROLLER ITEM, MISC.: PREEMPTION REUSE / REINSTALLATION (WT: 44)	LS	1.000
0358	804E30000	FAN-OUT KIT, 6 FIBER (WT: 55)	EACH	4.000
0359	804E32020	DROP CABLE, 6 FIBER (WT: 55)	FT	4.000
0360	804E34000	FIBER TERMINATION PANEL, 6 FIBER (WT: 55)	EACH	4.000
0361	804E36000	SLACK INSTALLATION (WT: 55)	EACH	4.000
0362	804E37001	SPLICE ENCLOSURE, AS PER PLAN (WT: 55)	EACH	4.000
0363	804E37700	FIBER OPTIC CABLE TESTING (WT: 55)	LS	1.000
0364	804E38000	FIBER OPTIC CABLE MODEM (WT: 55)	EACH	4.000
0365	804E98000	FIBER OPTIC CABLE, MISC.: FIBER OPTIC CABLE, ARMORED, 6 FIBER (WT: 55)	FT	100.000
0366	804E98000	FIBER OPTIC CABLE, MISC.: REROUTE EXISTING FIBER OPTIC INTERCONNECT (WT: 55)	FT	1,686.000
0367	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	6.000

0368	816E30001	VIDEO DETECTION SYSTEM, AS PER PLAN (WT: 44)	EACH	2.000
0369	824E00010	SYSTEM ANALYSIS (WT: 44)	LS	1.000

**Total 0010      TRAFFIC SIGNALS**

<b>Section</b>	<b>0011</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0370	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	100.000
0371	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	3,000.000
0372	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	11,680.000
0373	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	40.000
0374	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	20.000
0375	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	20.000
0376	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	100.000
0377	614E12801	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN (WT: 39)	EACH	12,500.000
0378	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 10)	CY	100.000
0379	614E13310	BARRIER REFLECTOR, TYPE 1, ONE-WAY (WT: NR)	EACH	4,953.000
0380	614E13312	BARRIER REFLECTOR, TYPE 2, ONE-WAY (WT: NR)	EACH	50.000
0381	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	5,003.000
0382	614E18000	MAINTAINING TRAFFIC, MISC.: MAINTENANCE OF MAJOR GUIDE SIGNS (WT: 39)	EACH	13.000
0383	614E18002	MAINTAINING TRAFFIC, MISC.:TEMPORARY TRAFFIC SIGNAL (WT: 39)	LS	1.000
0384	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	54.000
0385	614E20011	WORK ZONE LANE LINE, CLASS I, 6", AS PER PLAN (WT: 39)	MILE	7.750
0386	614E20100	WORK ZONE LANE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	3.290
0387	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	40.370
0388	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	0.710
0389	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	17.000

0390	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	3.500
0391	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	1.000
0392	614E22011	WORK ZONE EDGE LINE, CLASS I, 6", AS PER PLAN (WT: 39)	MILE	22.060
0393	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	3.140
0394	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	74.270
0395	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	0.100
0396	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	12.740
0397	614E23011	WORK ZONE CHANNELIZING LINE, CLASS I, 12", AS PER PLAN (WT: 39)	FT	60,114.000
0398	614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	17,553.000
0399	614E23210	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT (WT: 39)	FT	192,392.000
0400	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	6,531.000
0401	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	18,756.000
0402	614E24001	WORK ZONE DOTTED LINE, CLASS I, AS PER PLAN (WT: 39)	FT	15,842.000
0403	614E24200	WORK ZONE DOTTED LINE, CLASS I, 4", 642 PAINT (WT: 39)	FT	3,467.000
0404	614E24202	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT (WT: 39)	FT	52,706.000
0405	614E24610	WORK ZONE DOTTED LINE, CLASS III, 4", 642 PAINT (WT: 39)	FT	620.000
0406	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	9,705.000
0407	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	1,388.000
0408	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	392.000
0409	614E27200	WORK ZONE CROSSWALK LINE, CLASS I, 642 PAINT (WT: 39)	FT	1,071.000
0410	614E28200	WORK ZONE GORE MARKING, CLASS II, 642 PAINT (WT: 39)	FT	1,112.000
0411	614E30200	WORK ZONE ARROW, CLASS I, 642 PAINT (WT: 39)	EACH	240.000

0412	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	86.000
0413	614E40051	BUSINESS ENTRANCE SIGN, AS PER PLAN (WT: 39)	EACH	2.000
0414	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0415	615E20001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN (WT: 10)	SY	38,914.000
0416	616E10000	WATER (WT: NR)	MGAL	2,550.000
0417	622E41050	PORTABLE BARRIER, "Y" CONNECTOR (WT: 39)	EACH	6.000
0418	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	106,690.000
0419	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	1,528.000
0420	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	162.000

**Total 0011 MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0012</b>	<b>RETAINING WALLS (HAM-75-15.39L MSE WALL)</b>		
0421	203E20000	EMBANKMENT (WT: 06)	CY	298.000
0422	203E35110	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	1,025.000
0423	203E35120	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	288.000
0424	512E10101	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE), AS PER PLAN (WT: 57)	SY	518.000
0425	601E37501	PAVED GUTTER, TYPE 1-2, AS PER PLAN (WT: 38)	FT	117.000
0426	840E20000	MECHANICALLY STABILIZED EARTH WALL (WT: 34)	SF	5,225.000
0427	840E21000	WALL EXCAVATION (WT: 34)	CY	3,782.000
0428	840E22000	FOUNDATION PREPARATION (WT: 34)	SY	861.000
0429	840E23000	SELECT GRANULAR BACKFILL (WT: 34)	CY	3,804.000
0430	840E23050	NATURAL SOIL (WT: 34)	CY	162.000
0431	840E25010	6" DRAINAGE PIPE, PERFORATED (WT: 34)	FT	777.000
0432	840E25020	6" DRAINAGE PIPE, NON-PERFORATED (WT: 34)	FT	73.000
0433	840E26000	CONCRETE COPING (WT: 34)	FT	376.000
0434	840E26050	AESTHETIC SURFACE TREATMENT (WT: 34)	SF	5,225.000
0435	840E27000	ON-SITE ASSISTANCE (WT: 34)	DAY	5.000
0436	867E00100	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL (WT: 34)	LS	1.000

**Total 0012 RETAINING WALLS (HAM-75-15.39L MSE WALL)**

<b>Section</b>	<b>0013</b>	<b>RETAINING WALLS (HAM-75-15.39R MSE WALL)</b>		
0437	203E20000	EMBANKMENT (WT: 06)	CY	369.000

0438	203E35110	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	1,058.000
0439	203E35120	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	288.000
0440	512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	SY	528.000
0441	601E37501	PAVED GUTTER, TYPE 1-2, AS PER PLAN (WT: 38)	FT	116.000
0442	840E20000	MECHANICALLY STABILIZED EARTH WALL (WT: 34)	SF	5,487.000
0443	840E21000	WALL EXCAVATION (WT: 34)	CY	3,974.000
0444	840E22000	FOUNDATION PREPARATION (WT: 34)	SY	891.000
0445	840E23000	SELECT GRANULAR BACKFILL (WT: 34)	CY	4,018.000
0446	840E23050	NATURAL SOIL (WT: 34)	CY	182.000
0447	840E25010	6" DRAINAGE PIPE, PERFORATED (WT: 34)	FT	769.000
0448	840E25020	6" DRAINAGE PIPE, NON-PERFORATED (WT: 34)	FT	56.000
0449	840E26000	CONCRETE COPING (WT: 34)	FT	380.000
0450	840E26050	AESTHETIC SURFACE TREATMENT (WT: 34)	SF	5,487.000
0451	840E27000	ON-SITE ASSISTANCE (WT: 34)	DAY	5.000
0452	867E00100	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL (WT: 34)	LS	1.000
<b>Total 0013      RETAINING WALLS (HAM-75-15.39R MSE WALL)</b>				
<b>Section 0014      STRUCTURE REPAIR (HAM-75-16.42L,SFN 3111040)</b>				
0453	202E30701	CONCRETE BARRIER REMOVED, AS PER PLAN (WT: NR)	FT	28.000
0454	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	368.000
0455	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	16.000
0456	511E53014	CLASS QC3 CONCRETE, MISC.:QC3 CONCRETE, SUPERSTRUCTURE, AS PER PLAN (WT: 21)	CY	3.000
0457	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	30.000
<b>Total 0014      STRUCTURE REPAIR (HAM-75-16.42L,SFN 3111040)</b>				
<b>Section 0015      STRUCTURE OVER 20 FOOT SPAN (HAM-75-15.39L,SFN 3110931)</b>				
0458	202E11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0459	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	288.000
0460	203E65000	SPECIAL - SETTLEMENT PLATFORM (WT: NR)	EACH	4.000

0461	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 21)	LS	1.000
0462	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0463	507E00600	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	FT	4,860.000
0464	507E00650	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	FT	5,220.000
0465	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	135,169.000
0466	509E30040	NO. 6 GFRP DEFORMED BARS (WT: 23)	FT	648.000
0467	511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 21)	EACH	2.000
0468	511E34462	CLASS QC SCC CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	78.000
0469	511E43512	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	252.000
0470	511E53014	CLASS QC3 CONCRETE, MISC.: WITH QC/QA, BRIDGE DECK (WT: 21)	CY	546.000
0471	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	1,222.000
0472	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	61.000
0473	512E33000	TYPE 2 WATERPROOFING (WT: NR)	SY	12.000
0474	515E15130	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF72-49 (134'-8" LONG) (WT: 21)	EACH	8.000
0475	515E20000	INTERMEDIATE DIAPHRAGMS (WT: 21)	EACH	21.000
0476	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	163.000
0477	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	84.000
0478	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 21)	FT	203.000
0479	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN: 16"X24"X 3.398" WITH 17"X25"X1.5" LOAD PLATES (WT: 21)	EACH	16.000
0480	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	130.000
0481	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	253.000
0482	518E40012	6" NON-PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	78.000



0483	523E20000	DYNAMIC LOAD TESTING (WT: NR)	EACH	4.000
0484	523E20500	RESTRIKE (WT: NR)	EACH	4.000
0485	526E30000	REINFORCED CONCRETE APPROACH SLABS (T=17") (WT: 29)	SY	558.000
0486	526E90010	TYPE A INSTALLATION (WT: 29)	FT	164.000
0487	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	9.000
0488	625E25604	CONDUIT, 4", 725.051 (WT: 43)	FT	467.000
0489	625E29921	STRUCTURE JUNCTION BOX, AS PER PLAN (WT: 43)	EACH	2.000
0490	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	2.000
0491	690E98400	SPECIAL - TEMPORARY SURCHARGE (WT: NR)	LS	1.000
0492	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	68.000

**Total 0015      STRUCTURE OVER 20 FOOT SPAN (HAM-75-15.39L,SFN  
3110931)**

<b>Section 0016</b>	<b>STRUCTURE OVER 20 FOOT SPAN (HAM-75- 15.39R,SFN 3110966)</b>			
0493	202E11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0494	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	288.000
0495	203E65000	SPECIAL - SETTLEMENT PLATFORM (WT: NR)	EACH	4.000
0496	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 21)	LS	1.000
0497	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0498	507E00600	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	FT	4,680.000
0499	507E00650	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	FT	5,040.000
0500	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	135,203.000
0501	509E30040	NO. 6 GFRP DEFORMED BARS (WT: 23)	FT	648.000
0502	511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 21)	EACH	2.000
0503	511E34462	CLASS QC SCC CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	78.000
0504	511E43512	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	252.000
0505	511E53014	CLASS QC3 CONCRETE, MISC.: WITH QC/QA, BRIDGE DECK (WT: 21)	CY	546.000
0506	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	1,222.000

0507	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	61.000
0508	512E33000	TYPE 2 WATERPROOFING (WT: NR)	SY	13.000
0509	515E15130	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF72-49 (134'-8" LONG) (WT: 21)	EACH	8.000
0510	515E20000	INTERMEDIATE DIAPHRAGMS (WT: 21)	EACH	21.000
0511	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	163.000
0512	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	85.000
0513	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 21)	FT	203.000
0514	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN: 16"X24"X 3.398" WITH 17"X25"X1.5" LOAD PLATES (WT: 21)	EACH	16.000
0515	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	131.000
0516	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	252.000
0517	518E40012	6" NON-PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	51.000
0518	523E20000	DYNAMIC LOAD TESTING (WT: NR)	EACH	4.000
0519	523E20500	RESTRIKE (WT: NR)	EACH	4.000
0520	526E30000	REINFORCED CONCRETE APPROACH SLABS (T=17") (WT: 29)	SY	558.000
0521	526E90010	TYPE A INSTALLATION (WT: 29)	FT	164.000
0522	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	9.000
0523	625E25604	CONDUIT, 4", 725.051 (WT: 43)	FT	467.000
0524	625E29921	STRUCTURE JUNCTION BOX, AS PER PLAN (WT: 43)	EACH	2.000
0525	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	2.000
0526	690E98400	SPECIAL - TEMPORARY SURCHARGE (WT: NR)	LS	1.000
0527	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	68.000

**Total 0016      STRUCTURE OVER 20 FOOT SPAN (HAM-75-15.39R,SFN  
3110966)**

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**Section 0017      STRUCTURE 20 FOOT SPAN AND UNDER (HAM-75-  
15.57,SFN 3110982)**

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0528	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	48.000
0529	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0530	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0531	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	10,553.000
0532	511E46210	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING (WT: 35)	CY	113.000
0533	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	120.000
0534	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	LS	1.000
0535	601E11000	RIPRAP, TYPE D (WT: 35)	SY	75.000
0536	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	106.000
0537	611E30000	96" CONDUIT, TYPE A, 706.02 (WT: 35)	FT	48.000
0538	843E50001	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR, AS PER PLAN (WT: 29)	SF	40.000

**Total 0017      STRUCTURE 20 FOOT SPAN AND UNDER (HAM-75-15.57,SFN 3110982)**

<b>Section 0018</b>	<b>INCIDENTALS</b>			
0539	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0540	108E10000	CPM PROGRESS SCHEDULE (WT: NR)	LS	1.000
0541	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0542	619E16021	FIELD OFFICE, TYPE C, AS PER PLAN (WT: NR)	MNTH	24.000
0543	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0544	623E11000	PROVIDING ELECTRONIC INSTRUMENTATION (WT: NR)	LS	1.000
0545	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0018      INCIDENTALS**

**Project Number: 210112**

**PID: 107455**

**Belmont**

SR 147-04.45

E190(228)

DBE Goal: 6.0%

Date Set for Completion: 7/31/2021

Type: INTERSECTION

Plan Cost: N/A

**FOR IMPROVING A SECTION IN BELMONT COUNTY, OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY IMPROVING AN 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	64.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	1,303.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	258.000
0005	202E75000	FENCE REMOVED (WT: NR)	FT	17.000
0006	202E98100	REMOVAL MISC.: FENCE POST (WT: NR)	EACH	5.000
0007	203E10000	EXCAVATION (WT: 06)	CY	240.000
0008	203E20000	EMBANKMENT (WT: 06)	CY	209.000
0009	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	398.000
0010	608E10000	4" CONCRETE WALK (WT: 38)	SF	805.000
0011	608E52000	CURB RAMP (WT: 38)	SF	72.000
<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	2.000
0013	659E00300	TOPSOIL (WT: 46)	CY	54.000
0014	659E10000	SEEDING AND MULCHING (WT: 46)	SY	488.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.070
0016	659E31000	LIME (WT: 46)	ACRE	0.100
0017	659E35000	WATER (WT: 46)	MGAL	5.000
0018	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		

<b>Section 0003</b>		<b>PAVEMENT</b>		
0019	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	73.000
0020	304E20000	AGGREGATE BASE (WT: 09)	CY	59.000
0021	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	54.000
0022	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, (PG70-22M) (WT: 10)	CY	12.000
0023	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	16.000
0024	452E10050	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	23.000
0025	609E26000	CURB, TYPE 6 (WT: 38)	FT	211.000
<b>Total 0003</b>		<b>PAVEMENT</b>		
<b>Section 0004</b>		<b>TRAFFIC CONTROL</b>		
0026	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	15.600
0027	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	7.000
0028	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0029	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0030	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.100
0031	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	12.000
<b>Total 0004</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0005</b>		<b>BUILDING DEMOLITION</b>		
0032	202E56001	BUILDING DEMOLISHED, AS PER PLAN, (A) (WT: 02)	LS	1.000
0033	202E56001	BUILDING DEMOLISHED, AS PER PLAN, (B) (WT: 02)	LS	1.000
0034	202E98000	REMOVAL MISC.: REMOVAL OF MISCELLANEOUS CONCRETE ITEMS (WT: NR)	LS	1.000
0035	690E70100	SPECIAL - ASBESTOS ABATEMENT, DRYWALL JOINT COMPOUND (WT: NR)	SF	365.000
0036	690E70100	SPECIAL - ASBESTOS ABATEMENT, TRANSITE SIDING (WT: NR)	SF	3,000.000
0037	690E71000	SPECIAL - ASBESTOS ABATEMENT, VERMICULITE INSULATION (WT: NR)	LS	1.000
<b>Total 0005</b>		<b>BUILDING DEMOLITION</b>		
<b>Section 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		

0038	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	20.000
0039	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.140
0040	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	0.070
0041	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	49.000
0042	616E10000	WATER (WT: NR)	MGAL	10.000
<b>Total 0006 MAINTENANCE OF TRAFFIC</b>				
<b>Section</b>	<b>0007</b>	<b>INCIDENTALS</b>		
0043	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0044	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0045	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	3.000
0046	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0047	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0007 INCIDENTALS</b>				

**Project Number: 210113**

**PID: 100302**

**Brown**

SR 505-05.97

E160(106)

DBE Goal: 7.0%

Date Set for Completion: 7/31/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN LEWIS TOWNSHIP, BROWN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING A CULVERT WITH A PRECAST BOX CULVERT 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	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	463.000
0003	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	3.000
0004	202E53100	MAILBOX REMOVED (WT: NR)	EACH	1.000
0005	203E10000	EXCAVATION (WT: 06)	CY	328.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	246.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	962.000
0008	690E50000	SPECIAL - MAILBOX SUPPORT (WT: NR)	EACH	1.000
<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	1,919.000
0010	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	96.000
0011	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.260
0012	659E31000	LIME (WT: 46)	ACRE	0.400
0013	659E35000	WATER (WT: 46)	MGAL	10.400
0014	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0015	605E31100	AGGREGATE DRAINS (WT: 35)	FT	115.000

Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0016	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	92.000
0017	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	82.000
0018	304E20000	AGGREGATE BASE (WT: 09)	CY	102.000
0019	407E10000	TACK COAT (WT: 10)	GAL	94.000
0020	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	89.000
0021	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	60.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0022	621E00100	RPM (WT: 41)	EACH	9.000
0023	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	9.000
0024	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.140
0025	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.070
Total 0005		TRAFFIC CONTROL		
Section 0006	MAINTENANCE OF TRAFFIC			
0026	253E02000	PAVEMENT REPAIR (WT: 16)	CY	75.000
0027	407E10000	TACK COAT (WT: 10)	GAL	50.000
0028	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	50.000
0029	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	8.000
0030	616E10000	WATER (WT: NR)	MGAL	1.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section 0007	STRUCTURE OVER 20 FOOT SPAN (BRIDGE NO. BRO-505-0600)			
0031	202E11001	STRUCTURE REMOVED, AS PER PLAN (WT: 19)	LS	1.000
0032	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0033	503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 35)	LS	1.000
0034	503E31100	ROCK EXCAVATION (WT: 35)	CY	164.000
0035	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	7,732.000
0036	511E46001	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN (WT: 35)	SY	71.000



0037	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	74.000
0038	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	73.000
0039	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	630.000
0040	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	53.000
0041	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	41.000
0042	601E32011	ROCK CHANNEL PROTECTION, TYPE A WITH AGGREGATE FILTER, AS PER PLAN (WT: 35)	CY	78.000
0043	611E96000	12' X 8' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	156.000

**Total 0007      STRUCTURE OVER 20 FOOT SPAN (BRIDGE NO. BRO-505-0600)**

<b>Section 0008</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	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	2.000
0047	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0048	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008</b>	<b>INCIDENTALS</b>			

**Project Number: 210114**  
**PID: 104893**  
**Champaign**  
US-US 36/SR 29-15.05/21.07  
E170(957)

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DBE Goal: 7.0%

Date Set for Completion: 9/30/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS WITHIN THE CITY OF URBANA, OF CHAMPAIGN COUNTY, OHIO, IN ACCORDANCE WITH PLANS A SPECIFICATION BY RESURFACING THE SPECIFIED SECTION OF US 36/SCIOTO ST. FROM JUST EAST OF LOCUST ST. TO STATE ROUTE 29 INTERSECTION, INCLUDING ALL RELATED ITEMS OF WORK.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>DRAINAGE</b>		
0001	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	25.000
<b>Total</b>	<b>0001</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0002</b>	<b>PAVEMENT</b>		
0002	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	1,000.000
0003	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.75" (WT: 13)	SY	34,876.000
0004	254E01601	PATCHING PLANED SURFACE, AS PER PLAN (WT: 16)	SY	200.000
0005	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	2,965.000
0006	442E20001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448), AS PER PLAN, PG 76-22M (WT: 10)	CY	1,696.000
<b>Total</b>	<b>0002</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0003</b>	<b>WATER WORK</b>		
0007	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	10.000
<b>Total</b>	<b>0003</b>	<b>WATER WORK</b>		
<b>Section</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
0008	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	14.000
0009	632E27201	LOOP DETECTOR TIE IN, AS PER PLAN (WT: 44)	EACH	14.000

0010	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.040
0011	644E00200	LANE LINE, 4" (WT: 45)	MILE	1.040
0012	644E00300	CENTER LINE (WT: 45)	MILE	1.580
0013	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	860.000
0014	644E00500	STOP LINE (WT: 45)	FT	463.000
0015	644E00600	CROSSWALK LINE (WT: 45)	FT	1,354.000
0016	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	217.000
0017	644E00720	CHEVRON MARKING (WT: 45)	FT	57.000
0018	644E00900	ISLAND MARKING (WT: 45)	SF	53.000
0019	644E01200	PARKING LOT STALL MARKING (WT: 45)	FT	680.000
0020	644E01300	LANE ARROW (WT: 45)	EACH	41.000
Total 0004		TRAFFIC CONTROL		
Section 0005	MAINTENANCE OF TRAFFIC			
0021	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	100.000
0022	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000
0023	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	2.080
0024	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	3.160
0025	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	0.080
0026	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	1,720.000
0027	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	926.000
0028	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	82.000
Total 0005		MAINTENANCE OF TRAFFIC		
Section 0006	INCIDENTALS			
0029	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0030	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0031	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0006		INCIDENTALS		

**Project Number: 210115**

**PID: 105042**

**Columbiana**

Elizabeth Street Bridge

E170(964)

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DBE Goal: 10.0%

Date Set for Completion: 5/31/2022

Type: BRIDGE REPLACEMENT (1 BRIDGE)

Plan Cost: N/A

**FOR IMPROVING COL-ELIZABETH ST. IN COLUMBIANA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING BRIDGE NO. COL-ELIZABETH ST., A 5 SPAN CONTINUOUS STEEL GIRDER WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE, (SPANS: 49', 49', 70', 49', 49',; ROADWAY: 24' TOE/TOE OF CURB WITH 5' SIDEWALK ON 1 SIDE), OVER NORFOLK AND SOUTHERN RAILROAD.**

<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	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	180.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	43.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	27.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	58.000
0006	202E58000	MANHOLE REMOVED (WT: NR)	EACH	2.000
0007	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT (WT: NR)	FT	60.000
0008	202E75000	FENCE REMOVED (WT: NR)	FT	105.000
0009	203E10000	EXCAVATION (WT: 06)	CY	170.000
0010	203E20000	EMBANKMENT (WT: 06)	CY	66.000
0011	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	497.000
0012	606E60028	IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL) (25 MPH, 18") (WT: 36)	EACH	1.000
0013	607E20000	FENCE, TYPE CL (WT: 37)	FT	105.000
0014	608E10000	4" CONCRETE WALK (WT: 38)	SF	118.000
0015	608E52000	CURB RAMP (WT: 38)	SF	86.000
0016	690E71000	SPECIAL - ASBESTOS ABATEMENT (PARCEL 11, TRAILER) (WT: NR)	LS	1.000

Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0017	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0018	659E00300	TOPSOIL (WT: 46)	CY	183.000
0019	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,646.000
0020	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.220
0021	659E31000	LIME (WT: 46)	ACRE	0.340
0022	659E35000	WATER (WT: 46)	MGAL	5.000
0023	832E30000	EROSION CONTROL (WT: 08)	EACH	4,600.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0024	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	35.000
0025	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	1.000
0026	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0027	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	81.000
0028	304E20000	AGGREGATE BASE (WT: 09)	CY	78.000
0029	407E10000	TACK COAT (WT: 10)	GAL	48.000
0030	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG 70-22M) (WT: 10)	CY	17.000
0031	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	22.000
0032	609E26000	CURB, TYPE 6 (WT: 38)	FT	140.000
Total 0004		PAVEMENT		
Section 0005	WATER WORK			
0033	638E01300	8" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, MECHANICAL JOINTS AND FITTINGS (WT: 35)	FT	353.000
0034	638E04900	1" COPPER SERVICE BRANCH (WT: 35)	FT	74.000
0035	638E07300	16" STEEL PIPE ENCASEMENT, BORED OR JACKED (WT: 51)	FT	61.000
0036	638E07490	8" GATE VALVE (WT: 35)	EACH	2.000
0037	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0038	638E98600	WATER WORK, MISC.: 8" WATER MAIN (REMOVED) (WT: 35)	FT	276.000
0039	638E98600	WATER WORK, MISC.: SERVICE BRANCH (REMOVED) (WT: 35)	FT	55.000

Total 0005		WATER WORK		
Section 0006	SANITARY SEWER			
0040	611E01800	8" CONDUIT, TYPE B (WT: 35)	FT	66.000
0041	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	3.000
Total 0006		SANITARY SEWER		
Section 0007	TRAFFIC CONTROL			
0042	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	124.000
0043	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	37.000
0044	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	5.000
0045	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
0046	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
0047	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.060
0048	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	63.000
Total 0007		TRAFFIC CONTROL		
Section 0008	MAINTENANCE OF TRAFFIC			
0049	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0050	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 10)	CY	10.000
0051	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	0.060
0052	616E10000	WATER (WT: NR)	MGAL	5.000
Total 0008		MAINTENANCE OF TRAFFIC		
Section 0009	STRUCTURE OVER 20 FOOT SPAN (COL-ELIZB-0100, SFN 1560671)			
0053	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0054	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	642.000
0055	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0056	503E21100	UNCLASSIFIED EXCAVATION (WT: 21)	CY	330.000
0057	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0058	507E00500	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	FT	3,240.000
0059	507E00550	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	FT	2,065.000

0060	507E00551	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED, AS PER PLAN (WT: 53)	FT	1,540.000
0061	507E92201	PREBORED HOLES, AS PER PLAN (WT: 53)	FT	188.000
0062	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	117,151.000
0063	511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 21)	EACH	2.000
0064	511E34446	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (WT: 21)	CY	267.000
0065	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	46.000
0066	511E41012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	CY	33.000
0067	511E42012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	CY	80.000
0068	511E44112	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING (WT: 21)	CY	30.000
0069	511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	CY	154.000
0070	511E51512	CLASS QC2 CONCRETE WITH QC/QA, SIDEWALK (WT: 21)	CY	49.000
0071	512E10050	SEALING OF CONCRETE SURFACES (NON- EPOXY) (WT: 57)	SY	191.000
0072	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	985.000
0073	513E10281	STRUCTURAL STEEL MEMBERS, LEVEL 4, AS PER PLAN (WT: 24)	LB	210,299.000
0074	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	6,300.000
0075	516E10010	ARMORLESS PREFORMED JOINT SEAL (WT: 27)	FT	62.000
0076	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	21.000
0077	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	84.000
0078	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 21)	FT	83.000
0079	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (12" x 14" x 2.948" PAD WITH 15" x 13" x 2.536" BEVELED PLATE) (WT: 21)	EACH	10.000

0080	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (13" x 15" x 2.049" PAD WITH 16" x 14" x 2.314" BEVELED LOAD PLATE) (WT: 21)	EACH	10.000
0081	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (SEE PLANS FOR DIMENSIONS) (WT: 21)	EACH	10.000
0082	517E75120	RAILING (CONCRETE PARAPET WITH TWIN STEEL TUBE RAILING) (WT: 21)	FT	133.000
0083	517E75122	RAILING (CONCRETE PARAPET WITH TWIN STEEL TUBE RAILING AND VANDAL PROTECTION FENCE) (WT: 21)	FT	165.000
0084	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	32.000
0085	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	90.000
0086	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	66.000
0087	523E20000	DYNAMIC LOAD TESTING (WT: NR)	EACH	3.000
0088	526E10010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=12") (WT: 29)	SY	107.000
0089	526E90030	TYPE C INSTALLATION (WT: 29)	FT	62.000
0090	530E00600	SPECIAL - STRUCTURES: EXISTING STONE WALL REPAIR (WT: 29)	SF	240.000
0091	530E14000	SPECIAL - STRUCTURAL SURVEY AND MONITORING OF VIBRATION (WT: NR)	LS	1.000
0092	601E20000	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	SY	905.000
0093	607E39900	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC (WT: 37)	FT	165.000
0094	607E39921	VANDAL PROTECTION FENCE, 10' CURVED, COATED FABRIC, AS PER PLAN (WT: 37)	FT	165.000
0095	690E91000	SPECIAL - AS-BUILT CONSTRUCTION PLANS (WT: NR)	LS	1.000

**Total 0009      STRUCTURE OVER 20 FOOT SPAN (COL-ELIZB-0100, SFN 1560671)**

<b>Section</b>	<b>0010</b>	<b>INCIDENTALS</b>		
0096	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0097	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000



0098	108E10000	CPM PROGRESS SCHEDULE (WT: NR)	LS	1.000
0099	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0100	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	12.000
0101	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0102	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0010</b>		<b>INCIDENTALS</b>		

Project Number: 210116

PID: 84020

Cuyahoga

IR-IR 480-22.45

E080(387)

DBE Goal: 7.0%

Date Set for Completion: 10/15/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY IN THE CITIES OF BEDFORD HEIGHTS, CLEVELAND, MAPLE HEIGHTS, AND WARRENVILLE HEIGHTS, OF CUYAHOGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING THE SPECIFIED PORTIONS OF WESTBOUND INTERSTATE 480 FROM LEE ROAD TO THE NORTHFIELD ROAD OVERPASS, AND BOTH DIRECTIONS OF INTERSTATE 480 FROM NORTHFIELD ROAD TO INTERSTATE 271, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT INCLUDES RESURFACING SEVERAL INTERCHANGE RAMPS, SOME PAVEMENT REPAIR, AND OTHER MINOR ITEMS OF WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E30701	CONCRETE BARRIER REMOVED, AS PER PLAN (WT: NR)	FT	180.000
0002	209E60201	LINEAR GRADING, AS PER PLAN (WT: 06)	STA	182.000
0003	622E90000	BARRIER, MISC.: CONCRETE BARRIER, TYPE B32 (WT: 38)	FT	120.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0004	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>		
0005	611E98631	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	46.000
0006	611E98801	INLET, NO. 3B, AS PER PLAN (WT: 35)	EACH	3.000
0007	611E99155	INLET RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	3.000
0008	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	1.000
0009	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	5,000.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		

<b>Section 0004</b>		<b>PAVEMENT</b>		
0010	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN A (WT: 16)	SY	1,900.000
0011	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN B (WT: 16)	SY	325.000
0012	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 1.5" (WT: 13)	SY	202,326.000
0013	304E20000	AGGREGATE BASE (WT: 09)	CY	3.000
0014	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	18,210.000
0015	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	6,188.000
0016	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76- 22M, 1.5" (WT: 10)	CY	1,232.000
0017	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN, PG76- 22M, 1.5" (WT: 10)	CY	7,198.000
0018	609E72001	CONCRETE MEDIAN, AS PER PLAN (WT: 38)	SY	16.000
0019	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	113.000
0020	618E40601	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN (WT: NR)	MILE	10.940
0021	872E10000	VOID REDUCING ASPHALT MEMBRANE (VRAM) (WT: 10)	FT	10,161.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section 0005</b>		<b>TRAFFIC CONTROL</b>		
0022	621E00100	RPM (WT: 41)	EACH	1,076.000
0023	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	807.000
0024	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	4.000
0025	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	15.550
0026	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	9.230
0027	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	8,188.000
0028	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	7,893.000
0029	646E10400	STOP LINE (WT: 45)	FT	93.000
0030	646E10500	CROSSWALK LINE (WT: 45)	FT	735.000
0031	646E10800	ISLAND MARKING (WT: 45)	SF	139.000
0032	646E20300	LANE ARROW (WT: 45)	EACH	8.000
0033	646E20320	WRONG WAY ARROW (WT: 45)	EACH	6.000
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		

0034	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	500.000
0035	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	15.000
0036	614E13001	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	CY	50.000
0037	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000
0038	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	9.230
0039	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	9.230
0040	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	15.550
0041	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	15.550
0042	614E23210	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT (WT: 39)	FT	8,188.000
0043	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	8,188.000
0044	614E24202	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT (WT: 39)	FT	7,893.000
0045	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	7,893.000
0046	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	93.000
0047	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	93.000
0048	614E27200	WORK ZONE CROSSWALK LINE, CLASS I, 642 PAINT (WT: 39)	FT	735.000
0049	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	735.000
0050	614E30200	WORK ZONE ARROW, CLASS I, 642 PAINT (WT: 39)	EACH	8.000
0051	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	8.000
0052	622E90000	BARRIER, MISC.: PORTABLE TEMPORARY MOVABLE BARRIER SYSTEM (WT: 38)	FT	1,120.000
0053	630E97800	SIGNING, MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER (WT: 42)	SF	300.000
0054	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	33.000
0055	896E00012	PORTABLE NON-INTRUSIVE TRAFFIC SENSOR, CLASS II (WT: 39)	SNMT	36.000

0056	896E00021	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	9.000
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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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0057	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0058	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0059	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	6.000
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0060	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
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0061	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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<b>Total 0007</b>	<b>INCIDENTALS</b>
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**Project Number: 210117**

**PID: 109531**

**Cuyahoga**

IR 90-07.58 Repair

E190(937)

DBE Goal: 9%

Date Set for Completion: 9/15/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING CUY-90-7.58 IN CUYAHOGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING BRIDGE NO. CUY-90-0758, BY PATCHING CONCRETE, GIRDER AND CROSSFRAME REPAIRS, REPLACING VANDAL PROTECTION FENCE AND PERFORMING OTHER RELATED REPAIRS.**

<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	203E10000	EXCAVATION (WT: 06)	CY	25.000
0003	203E20000	EMBANKMENT (WT: 06)	CY	25.000
0004	607E98000	FENCE, MISC.: CONSTRUCTION FENCE (WT: 37)	FT	1,500.000
0005	690E98400	SPECIAL - SITE ACCESS (WT: NR)	LS	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0006	659E00300	TOPSOIL (WT: 46)	CY	25.000
0007	659E10000	SEEDING AND MULCHING (WT: 46)	SY	223.000
0008	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	12.000
0009	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.030
0010	659E35000	WATER (WT: 46)	MGAL	2.000
0011	832E30000	EROSION CONTROL (WT: 08)	EACH	10,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		
0012	621E00300	RPM REFLECTOR (WT: 41)	EACH	237.000
0013	621E54001	RAISED PAVEMENT MARKER REMOVED, AS PER PLAN (WT: NR)	EACH	237.000

0014	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	2.110
0015	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	3.500
0016	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	588.000

**Total 0003      TRAFFIC CONTROL**

<b>Section</b>	<b>0004</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0017	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	96.000
0018	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	1,345.000
0019	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	2.000
0020	614E12800	WORK ZONE RAISED PAVEMENT MARKER (WT: 39)	EACH	1,045.000
0021	614E13310	BARRIER REFLECTOR, TYPE 1, ONE-WAY (WT: NR)	EACH	44.000
0022	614E13310	BARRIER REFLECTOR, TYPE 1, TWO-WAY (WT: NR)	EACH	52.000
0023	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	42.000
0024	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	51.000
0025	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000
0026	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	2.110
0027	614E23400	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 740.06, TYPE I (WT: 39)	FT	18,447.000
0028	614E24402	WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	FT	588.000
0029	616E10000	WATER (WT: NR)	MGAL	1.000
0030	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	2,072.000

**Total 0004      MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0005</b>	<b>STRUCTURE REPAIR (CUY-90-0758, SFN 1808567 - LOCATION 9)</b>		
0031	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0032	513E21500	REPLACEMENT OF DETERIORATED END CROSSFRAMES (WT: 29)	LB	5,716.000
0033	513E21599	STRUCTURAL STEEL FOR REHABILITATION (WT: 29)	LB	271.000
0034	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0035	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	39.000

0036	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (FOR OVERNIGHT REPAIRS) (WT: 29)	SY	60.000
0037	607E39911	VANDAL PROTECTION FENCE, 8' STRAIGHT, COATED FABRIC, AS PER PLAN (WT: 37)	FT	1,610.000

**Total 0005      STRUCTURE REPAIR (CUY-90-0758, SFN 1808567 - LOCATION 9)**

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<b>Section 0006</b>	<b>INCIDENTALS</b>			
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0038	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0039	108E10000	CPM PROGRESS SCHEDULE (WT: NR)	LS	1.000
0040	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0041	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	6.000
0042	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0043	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0006      INCIDENTALS**



Project Number: 210118

PID: 89259

Cuyahoga

SR-SR 14-06.09

E161(596)

DBE Goal: 8%

Date Set for Completion: 9/30/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF GARFIELD HEIGHTS, WITHIN CUYAHOGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING STATE ROUTE 14 (BROADWAY AVE) THROUGH THE CITY OF GARFIELD HEIGHTS, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT INCLUDES NUMEROUS CONCRETE BASE REPAIRS, CURB AND SIDEWALK REPLACEMENT, AND CURB RAMP INSTALLATION.

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	681.000
0002	202E32000	CURB REMOVED (WT: NR)	FT	781.000
0003	608E10001	4" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	3,415.000
0004	608E52000	CURB RAMP (WT: 38)	SF	684.000
0005	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	3.000
0006	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	47.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0007	653E10001	TOPSOIL FURNISHED AND PLACED, AS PER PLAN (WT: 46)	CY	15.000
0008	832E30000	EROSION CONTROL (WT: 08)	EACH	11,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0009	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	61.000
0010	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	30.000
0011	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	5,000.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		

0012	251E01001	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN (WT: 16)	SY	5,200.000
0013	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T=3") (WT: 13)	SY	51,557.000
0014	254E01010	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE (T=3") (WT: 13)	SY	22.000
0015	255E10161	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS, AS PER PLAN (WT: 17)	SY	1,200.000
0016	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	6,716.000
0017	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN , PG70-22M (T=1.25") (WT: 10)	CY	1,799.000
0018	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (T=1.75") (WT: 10)	CY	2,520.000
0019	452E19200	NON-REINFORCED CONCRETE PAVEMENT, MISC.: 8" CONCRETE DRIVE (WT: 12)	SY	82.000
0020	609E26001	CURB, TYPE 6, AS PER PLAN (WT: 38)	FT	663.000
0021	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	9.000
0022	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	5,000.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>SANITARY SEWER</b>		
0023	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	28.000
<b>Total 0005</b>		<b>SANITARY SEWER</b>		
<b>Section</b>	<b>0006</b>	<b>TRAFFIC CONTROL</b>		
0024	646E10100	LANE LINE, 4" (WT: 45)	MILE	3.160
0025	646E10200	CENTER LINE (WT: 45)	MILE	1.680
0026	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	881.000
0027	646E10400	STOP LINE (WT: 45)	FT	352.000
0028	646E10500	CROSSWALK LINE (WT: 45)	FT	1,800.000
0029	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	709.000
0030	646E10800	ISLAND MARKING (WT: 45)	SF	62.000
0031	646E20300	LANE ARROW (WT: 45)	EACH	12.000
0032	646E20400	WORD ON PAVEMENT, 72" (WT: 45)	EACH	3.000
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0007</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0033	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	25.000
0034	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	300.000

0035	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	250.000
0036	614E20000	WORK ZONE LANE LINE, CLASS I, 4" (WT: 39)	MILE	6.320
0037	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	3.160
0038	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	3.360
0039	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	1.680
0040	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	1,762.000
0041	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	881.000
0042	614E25000	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I (WT: 39)	FT	1,418.000
0043	614E25620	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS III, 642 PAINT (WT: 39)	FT	709.000
0044	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	772.000
0045	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	386.000
0046	614E27000	WORK ZONE CROSSWALK LINE, CLASS I (WT: 39)	FT	2,922.000
0047	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	1,461.000
0048	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	24.000
0049	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	12.000
0050	614E31000	WORK ZONE WORD ON PAVEMENT, 72", CLASS I (WT: 39)	EACH	6.000
0051	614E31620	WORK ZONE WORD ON PAVEMENT, 72", CLASS III, 642 PAINT (WT: 39)	EACH	3.000
0052	614E32700	WORK ZONE ISLAND MARKING, CLASS I (WT: 39)	SF	124.000
0053	614E32800	WORK ZONE ISLAND MARKING, CLASS III, 642 PAINT (WT: 39)	SF	62.000
0054	616E10000	WATER (WT: NR)	MGAL	50.000

**Total 0007 MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0008</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	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	5.000
0058	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000

0059	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008</b>		<b>INCIDENTALS</b>		

**Project Number: 210119**

**PID: 101196**

**D01**

HAN, PUT, WYA

BM FY21

E201(091)

DBE Goal: 9.0%

Date Set for Completion: 10/1/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE COUNTIES OF ALLEN, HANCOCK, PUTNAM, AND WYANDOT, IN OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING MISCELLANEOUS MAINTENANCE AND REPAIRS FOR VARIOUS STRUCTURES AND ASSOCIATED ROADWAY.**

<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	320.000
<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	2,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		
0004	251E01020	PARTIAL DEPTH PAVEMENT REPAIR (442) (WT: 16)	SY	1,900.000
0005	253E01000	PAVEMENT REPAIR (WT: 16)	SY	200.000
0006	451E30000	SPECIAL - PRESSURE RELIEF JOINT, TYPE A (WT: 12)	FT	128.000
<b>Total</b>	<b>0003</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0004</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0007	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	80.000
<b>Total</b>	<b>0004</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0005</b>	<b>STRUCTURE REPAIR (SFN 6900062)</b>		

0008	516E01301	ELASTOMERIC STRIP SEAL WITHOUT STEEL EXTRUSIONS, AS PER PLAN (WT: 27)	FT	70.000
<b>Total 0005</b>		<b>STRUCTURE REPAIR (SFN 6900062)</b>		
<b>Section</b>	<b>0006</b>	<b>STRUCTURE REPAIR (SFN 0200506)</b>		
0009	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	31.000
0010	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	200.000
0011	519E12510	SPECIAL - PATCHING CONCRETE BRIDGE DECK (WT: NR)	SY	27.000
0012	842E10000	CORRECTING ELEVATION OF CONCRETE APPROACH SLABS WITH HIGH DENSITY POLYURETHANE (WT: 07)	LB	70.000
0013	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (WT: 29)	SF	75.000
<b>Total 0006</b>		<b>STRUCTURE REPAIR (SFN 0200506)</b>		
<b>Section</b>	<b>0007</b>	<b>STRUCTURE REPAIR (SFN 8801630)</b>		
0014	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0015	837E10000	LINER PIPE, 54" ID (707.11, 707.12, 707.33, 748.06, SS938) OR 54" OD (707.34) (WT: 35)	FT	320.000
0016	837E21000	BACKFILL FOR LINER PIPE (WT: 35)	FT	320.000
<b>Total 0007</b>		<b>STRUCTURE REPAIR (SFN 8801630)</b>		
<b>Section</b>	<b>0008</b>	<b>STRUCTURE REPAIR (SFN 3200574)</b>		
0017	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	134.000
0018	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	1,182.000
0019	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	158.000
0020	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	10.000
0021	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	442.000
0022	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	175.000
0023	519E11900	SPECIAL - PATCHING CONCRETE STRUCTURE, MISC.:ABUTMENT BACKWALL (WT: 29)	CY	6.000
0024	519E12510	SPECIAL - PATCHING CONCRETE BRIDGE DECK (WT: NR)	SY	40.000
0025	526E25001	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN (WT: 29)	SY	134.000

0026	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (WT: 29)	SF	50.000
<b>Total 0008</b>		<b>STRUCTURE REPAIR (SFN 3200574)</b>		
<b>Section</b>	<b>0009</b>	<b>STRUCTURE REPAIR (SFN 3200604)</b>		
0027	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	134.000
0028	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	1,182.000
0029	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	158.000
0030	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	15.000
0031	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	442.000
0032	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	320.000
0033	519E11900	SPECIAL - PATCHING CONCRETE STRUCTURE, MISC,: ABUTMENT BACKWALL (WT: 29)	CY	6.000
0034	519E12510	SPECIAL - PATCHING CONCRETE BRIDGE DECK (WT: NR)	SY	50.000
0035	526E25001	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN (WT: 29)	SY	134.000
0036	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (WT: 29)	SF	160.000
<b>Total 0009</b>		<b>STRUCTURE REPAIR (SFN 3200604)</b>		
<b>Section</b>	<b>0010</b>	<b>STRUCTURE REPAIR (SFN 0202401)</b>		
0037	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0038	511E21520	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	1.000
0039	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	1.000
0040	516E12301	STRIP SEAL EXPANSION JOINT ANCHORED WITH ELASTOMERIC CONCRETE, AS PER PLAN (WT: 27)	FT	28.000
<b>Total 0010</b>		<b>STRUCTURE REPAIR (SFN 0202401)</b>		
<b>Section</b>	<b>0011</b>	<b>INCIDENTALS</b>		
0041	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0042	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0043	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0011</b>		<b>INCIDENTALS</b>		

**Project Number: 210120**

**PID: 101152**

**D02**

LUC, WIL

TSG FY2021

E161(634)

DBE Goal: 5.0%

Date Set for Completion: 10/1/2021

Type: SIGNALIZATION

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN FULTON, WILLIAMS, AND LUCAS COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING TRAFFIC SIGNAL UPGRADES AND REMOVALS AT THREE LOCATIONS.**

<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	659E00300	TOPSOIL (WT: 46)	CY	3.000
0002	659E10000	SEEDING AND MULCHING (WT: 46)	SY	25.000
0003	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	2.000
0004	659E15000	INTER-SEEDING (WT: 46)	SY	2.000
0005	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.020
0006	659E35000	WATER (WT: 46)	MGAL	1.000
0007	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>TRAFFIC SIGNALS</b>		
0008	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	38.000
0009	625E25604	CONDUIT, 4", 725.051 (WT: 43)	FT	10.000
0010	625E25906	CONDUIT, JACKED OR DRILLED, 725.051, 4" (WT: 43)	FT	350.000
0011	625E29000	TRENCH (WT: 43)	FT	48.000
0012	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	4.000
0013	625E31510	PULL BOX REMOVED (WT: 43)	EACH	19.000
0014	625E32000	GROUND ROD (WT: 43)	EACH	4.000



0015	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	8.000
0016	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	8.000
0017	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	908.000
0018	632E64011	SIGNAL SUPPORT FOUNDATION, AS PER PLAN (WT: 44)	EACH	4.000
0019	632E68300	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	56.000
0020	632E69900	SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	FT	120.000
0021	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0022	632E80602	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 12 (WT: 44)	EACH	1.000
0023	632E80620	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 13 (WT: 44)	EACH	3.000
0024	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	3.000
0025	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	1.000
0026	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0027	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	1.000
0028	633E68511	COMMUNICATIONS, AS PER PLAN (WT: 44)	EACH	1.000
0029	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0030	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0031	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0032	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
<b>Total 0002</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section 0003</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0033	614E11111	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE, AS PER PLAN (WT: 39)	HOUR	20.000
<b>Total 0003</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0004</b>		<b>INCIDENTALS</b>		

0034	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0035	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0036	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0037	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0004</b>		<b>INCIDENTALS</b>		

**Project Number: 210121**

**PID: 100077**

**D03**

**BH FY2021 (A)**

**E190(634)**

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DBE Goal: 8.0%

Date Set for Completion: 8/31/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN LORAIN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PATCHING CONCRETE, SEALING DECK AND PARAPETS, RESETTING BEARINGS AND PERFORMING OTHER REPAIRS TO FOUR BRIDGES.**

<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>TRAFFIC CONTROL</b>		
0002	646E10010	EDGE LINE, 6" (WHITE) (WT: 45)	MILE	0.170
0003	646E10010	EDGE LINE, 6" (YELLOW) (WT: 45)	MILE	0.170
0004	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.220
<b>Total</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0005	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	160.000
0006	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	6.000
0007	614E13312	BARRIER REFLECTOR, TYPE 2 (1WAY) (WT: NR)	EACH	53.000
0008	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	53.000
0009	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000
0010	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	2,500.000
<b>Total</b>	<b>0003</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0004</b>	<b>STRUCTURE REPAIR (LOR-301-1241)</b>		

0011	202E98200	REMOVAL MISC.: ELASTOMERIC COMPRESSION SEAL GLAND (WT: NR)	FT	150.000
0012	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	62.800
0013	512E10400	TREATING OF CONCRETE BRIDGE DECK WITH SRS (WT: 57)	SY	1,652.000
0014	516E10000	PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL (WT: 27)	FT	150.000
0015	516E46701	RESET BEARING, AS PER PLAN (WT: 29)	EACH	2.000
0016	516E47000	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE (WT: 29)	LS	1.000
0017	519E10000	PATCHING CONCRETE BRIDGE DECK OVERLAY WITH MICRO-SILICA MODIFIED CONCRETE (WT: 29)	SY	24.700
0018	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	25.000
<b>Total 0004 STRUCTURE REPAIR (LOR-301-1241)</b>				
<b>Section</b>	<b>0005</b>	<b>STRUCTURE REPAIR (LOR-20-1533R)</b>		
0019	202E11301	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	CY	6.800
0020	511E34444	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 29)	CY	6.800
0021	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	284.000
0022	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	1,597.000
0023	621E54001	RAISED PAVEMENT MARKER REMOVED, AS PER PLAN (WT: NR)	EACH	5.000
<b>Total 0005 STRUCTURE REPAIR (LOR-20-1533R)</b>				
<b>Section</b>	<b>0006</b>	<b>STRUCTURE REPAIR (LOR-10-0010L)</b>		
0024	202E11301	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	CY	9.200
0025	511E34444	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 29)	CY	9.200
0026	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	514.000
0027	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	1,133.000
0028	516E46701	RESET BEARING, AS PER PLAN (WT: 29)	EACH	3.000
0029	516E47000	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE (WT: 29)	LS	1.000
0030	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	38.000
0031	621E54001	RAISED PAVEMENT MARKER REMOVED, AS PER PLAN (WT: NR)	EACH	3.000

Total	0006	STRUCTURE REPAIR (LOR-10-0010L)		
Section	0007	STRUCTURE REPAIR (LOR-20-1587R)		
0032	202E11301	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	CY	17.000
0033	202E98200	REMOVAL MISC.: ELASTOMERIC COMPRESSION SEAL GLAND (WT: NR)	FT	116.000
0034	511E34444	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 29)	CY	17.000
0035	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	511.000
0036	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	1,481.000
0037	516E10000	PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL (WT: 27)	FT	116.000
0038	516E45304	REFURBISH BEARING DEVICE (WT: 29)	EACH	2.000
0039	516E46701	RESET BEARING, AS PER PLAN (WT: 29)	EACH	6.000
0040	516E47000	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE (WT: 29)	LS	1.000
0041	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	8.000
0042	621E54001	RAISED PAVEMENT MARKER REMOVED, AS PER PLAN (WT: NR)	EACH	3.000
Total	0007	STRUCTURE REPAIR (LOR-20-1587R)		
Section	0008	INCIDENTALS		
0043	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0044	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0045	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0046	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0008	INCIDENTALS		

**Project Number: 210122**

**PID: 98528**

**D03**

**MED**

**SYSSIGN FY2021**

**E170(579)**

DBE Goal: 5.0%

Date Set for Completion: 4/30/2022

Type: SIGNING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITIES OF BRUNSWICK, MEDINA, AND WADSWORTH, THE VILLAGE OF SPENCER, LORAIN AND MEDINA COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING OVERHEAD AND OTHER SIGNS 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	500.000
<b>Total</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
0002	625E32000	GROUND ROD (WT: 43)	EACH	3.000
0003	630E03101	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN (WT: 42)	FT	20,468.000
0004	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	225.000
0005	630E72320	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 6 (WT: 42)	EACH	1.000
0006	630E72410	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 1 (WT: 42)	EACH	1.000
0007	630E75000	SIGN ATTACHMENT ASSEMBLY (WT: 42)	EACH	45.000
0008	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	10,266.000
0009	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	SF	484.000
0010	630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	SF	591.000
0011	630E82000	SIGN BACKING ASSEMBLY (WT: 42)	EACH	26.000
0012	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	3.000
0013	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1,829.000

0014	630E85400	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0015	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1,267.000
0016	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	44.000
0017	630E89702	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
Total 0002		TRAFFIC CONTROL		
Section	0003	MAINTENANCE OF TRAFFIC		
0018	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	80.000
Total 0003		MAINTENANCE OF TRAFFIC		
Section	0004	INCIDENTALS		
0019	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0020	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0021	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0022	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0023	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0004		INCIDENTALS		

**Project Number: 210123**

**PID: 100689**

**D06**

UNI

Bridge Repair FY21

E201(043)

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DBE Goal: 9.0%

Date Set for Completion: 10/31/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS WITHIN CLINTON, MARYSVILLE, AND SHARON TOWNSHIPS, OF FRANKLIN AND UNION COUNTIES, OHIO, IN ACCORDANCE WITH PLANS A SPECIFICATIONS BY PERFORMING CONCRETE REPAIRS TO A NUMBER OF STRUCTURES ALONG INTERSTATE 71 IN FRANKLIN COUNTY AND ON ONE STRUCTURE OALONG US ROUTE 33 IN UNION COUNTY. PROJECT INCLUDES PLANING AND RESURFACING AT VARIOUS APPROACH SLABS ON I-71, REMOVING SPALLING CONCRETE, AND SEALING CONCRETE REPAIRS, AND SOME OTHER REPAIRS.**

<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
<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>PAVEMENT</b>		
0003	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3" DEPTH (WT: 13)	SY	5,545.000
0004	254E01010	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE, 3" DEPTH (WT: 13)	SY	1,350.000
0005	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	566.000
0006	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	379.000
0007	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (WT: 10)	CY	147.000
0008	690E12050	SPECIAL - REINFORCED MESH FOR TRANSVERSE AND/OR LONGITUDINAL JOINTS AND CRACKS (WT: NR)	SY	412.000
<b>Total</b>	<b>0003</b>	<b>PAVEMENT</b>		



<b>Section</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
0009	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.420
0010	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.420
<b>Total</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0005</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0011	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	112.000
0012	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	2.000
<b>Total</b>	<b>0005</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0006</b>	<b>STRUCTURE REPAIR (FRA-3-1744)</b>		
0013	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	200.000
0014	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	920.000
0015	519E11100	PATCHING CONCRETE STRUCTURE, PIERS (WT: 29)	SF	400.000
0016	844E10000	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION (WT: 29)	SF	600.000
<b>Total</b>	<b>0006</b>	<b>STRUCTURE REPAIR (FRA-3-1744)</b>		
<b>Section</b>	<b>0007</b>	<b>STRUCTURE REPAIR (FRA-71-2008)</b>		
0017	202E11200	PORTIONS OF STRUCTURE REMOVED (WT: 19)	LS	1.000
0018	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	22.000
<b>Total</b>	<b>0007</b>	<b>STRUCTURE REPAIR (FRA-71-2008)</b>		
<b>Section</b>	<b>0008</b>	<b>STRUCTURE REPAIR (FRA-71-2075)</b>		
0019	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	160.000
<b>Total</b>	<b>0008</b>	<b>STRUCTURE REPAIR (FRA-71-2075)</b>		
<b>Section</b>	<b>0009</b>	<b>STRUCTURE REPAIR (FRA-71-2346)</b>		
0020	202E11200	PORTIONS OF STRUCTURE REMOVED (WT: 19)	LS	1.000
0021	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	22.000
<b>Total</b>	<b>0009</b>	<b>STRUCTURE REPAIR (FRA-71-2346)</b>		
<b>Section</b>	<b>0010</b>	<b>STRUCTURE REPAIR (FRA-71-2446)</b>		
0022	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	120.000

<b>Total 0010</b>		<b>STRUCTURE REPAIR (FRA-71-2446)</b>		
<b>Section 0011</b>		<b>STRUCTURE REPAIR (FRA-71-2646)</b>		
0023	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	60.000
<b>Total 0011</b>		<b>STRUCTURE REPAIR (FRA-71-2646)</b>		
<b>Section 0012</b>		<b>STRUCTURE REPAIR (UNI-4-1320)</b>		
0024	202E11200	PORTIONS OF STRUCTURE REMOVED (WT: 19)	LS	1.000
0025	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	21.000
<b>Total 0012</b>		<b>STRUCTURE REPAIR (UNI-4-1320)</b>		
<b>Section 0013</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	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0029	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0013</b>		<b>INCIDENTALS</b>		

**Project Number: 210124**

**PID: 100835**

**D08**

Bridge Maintenance FY2021

E170(335)

DBE Goal: 8.0%

Date Set for Completion: 8/1/2022

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN BUTLER, GREENE AND HAMILTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PATCHING CONCRETE, EXPANSION JOINT REPLACEMENT, RESETTING BEARINGS, VANDAL PROTECTION FENCE INSTALLATION, CONCRETE BARRIER REPLACEMENT AND OTHER REPAIRS TO NINE BRIDGES.**

<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	202E42001	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN (WT: NR)	EACH	3.000
0002	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	262.500
0003	606E26150	ANCHOR ASSEMBLY, MGS TYPE E(NCHRP 350 OR MASH 2016) (WT: 36)	EACH	3.000
0004	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0005	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>TRAFFIC CONTROL</b>		
0006	626E00102	BARRIER REFLECTOR, TYPE 1 (1 WAY) (WT: NR)	EACH	22.000
0007	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	36.000
0008	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	13.000
0009	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	3.000
0010	630E79600	SIGN SUPPORT ASSEMBLY, BRIDGE MOUNTED, TYPE 1 (WT: 42)	EACH	10.000
0011	630E79604	SIGN SUPPORT ASSEMBLY, BRIDGE MOUNTED, TYPE 2 (WT: 42)	EACH	1.000

0012	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	150.500
0013	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0014	690E13000	SPECIAL - RUMBLE STRIPS (WT: NR)	FT	42.000
Total	0002	TRAFFIC CONTROL		
Section	0003	TRAFFIC SURVEILLANCE		
0015	809E70000	MAINTAINING ITS DURING CONSTRUCTION (WT: 44)	LS	1.000
Total	0003	TRAFFIC SURVEILLANCE		
Section	0004	MAINTENANCE OF TRAFFIC		
0016	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	500.000
0017	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	4.000
0018	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000
0019	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	1.000
0020	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	1.000
0021	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	1,340.000
0022	896E00010	PORTABLE NON-INTRUSIVE TRAFFIC SENSOR, CLASS I (WT: 39)	SNMT	12.000
0023	896E00021	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	3.000
Total	0004	MAINTENANCE OF TRAFFIC		
Section	0005	STRUCTURE REPAIR (HAM-50-2028L SFN: 3103153)		
0024	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	24.000
0025	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0026	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	464.000
Total	0005	STRUCTURE REPAIR (HAM-50-2028L SFN: 3103153)		
Section	0006	STRUCTURE REPAIR (HAM-275-1290 SFN: 3116425)		
0027	202E11202	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN (WT: 29)	LS	1.000
0028	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	7,476.000
0029	509E30020	NO. 4 GFRP DEFORMED BARS (WT: 23)	FT	11,234.000

0030	509E40000	REINFORCING STEEL, MISC.: GALVANIZED REINFORCING (WT: 23)	LB	8,135.000
0031	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 29)	EACH	1,796.000
0032	511E53014	CLASS QC3 CONCRETE, MISC.: SUPERSTRUCTURE CONCRETE WITH QC/QA, AS PER PLAN (WT: 29)	CY	121.000
0033	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	722.000
0034	516E15000	STRUCTURAL JOINT OR JOINT SEALER, MISC.:EXPANSION JOINT RETROFIT STEEL (WT: 27)	EACH	4.000
0035	607E39900	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC (WT: 37)	FT	715.000
0036	607E39994	TEMPORARY VANDAL FENCE, TYPE B (WT: 37)	FT	715.000
<b>Total 0006      STRUCTURE REPAIR (HAM-275-1290 SFN: 3116425)</b>				
<b>Section</b>	<b>0007</b>	<b>STRUCTURE REPAIR (HAM-275-1819 SFN: 3116670)</b>		
0037	202E11202	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN (WT: 29)	LS	1.000
0038	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	62.000
0039	607E39930	VANDAL PROTECTION FENCE, 12' CURVED, COATED FABRIC (WT: 37)	FT	736.000
<b>Total 0007      STRUCTURE REPAIR (HAM-275-1819 SFN: 3116670)</b>				
<b>Section</b>	<b>0008</b>	<b>STRUCTURE REPAIR (HAM-275-2016 SFN: 3111768)</b>		
0040	202E11202	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN (WT: 29)	LS	1.000
0041	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	50.000
0042	607E39930	VANDAL PROTECTION FENCE, 12' CURVED, COATED FABRIC (WT: 37)	FT	582.000
<b>Total 0008      STRUCTURE REPAIR (HAM-275-2016 SFN: 3111768 )</b>				
<b>Section</b>	<b>0009</b>	<b>STRUCTURE REPAIR (BUT-747-0322 SFN: 0904066)</b>		
0043	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0044	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 29)	LS	1.000
0045	503E21300	UNCLASSIFIED EXCAVATION (WT: 29)	LS	1.000
0046	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	708.000

0047	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	80.000
0048	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	77.000
0049	511E45722	CLASS QC SCC CONCRETE WITH QC/QA, ABUTMENT (WT: 29)	CY	15.000
0050	511E50212	CLASS QC1 CONCRETE WITH QC/QA, SUBSTRUCTURE (WT: 29)	CY	2.000
0051	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	237.000
0052	513E21600	STRUCTURAL STEEL FOR REHABILITATION, AS PER PLAN (WT: 29)	LB	6,180.000
0053	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	6.000
0054	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0055	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	13.000
0056	844E10000	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION (WT: 29)	SF	14.000
<b>Total 0009</b>		<b>STRUCTURE REPAIR (BUT-747-0322 SFN: 0904066)</b>		
<b>Section</b>	<b>0010</b>	<b>STRUCTURE REPAIR (GRE-42-0240 SFN: 2900750)</b>		
0057	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0058	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN(12 1/2"x17 1/2"x2 3/16" WITH 13 1/2"x18 1/2"x1 1/2" LOAD PLATE) (WT: 29)	EACH	10.000
0059	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN(9"x11"x3 1/8" WITH 10"x12"x1 1/2" LOAD PLATE AND 11"x17 1/2" LOAD PLATE) (WT: 29)	EACH	10.000
0060	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0061	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	20.000
<b>Total 0010</b>		<b>STRUCTURE REPAIR (GRE-42-0240 SFN: 2900750)</b>		
<b>Section</b>	<b>0011</b>	<b>STRUCTURE REPAIR (HAM-50-2198N SFN: 3103374)</b>		
0062	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0063	503E21300	UNCLASSIFIED EXCAVATION (WT: 29)	LS	1.000

0064	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	33,393.000
0065	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	20.000
0066	509E40000	REINFORCING STEEL, MISC.: GALVANIZED REINFORCING (WT: 23)	LB	8,072.000
0067	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	1,948.000
0068	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 29)	CY	174.000
0069	511E43212	CLASS QC1 CONCRETE WITH QC/QA, PIER (WT: 29)	CY	2.000
0070	511E53010	CLASS QC1 CONCRETE, MISC.: MOMENT SLAB WITH QC/QA (WT: 29)	CY	103.000
0071	511E53012	CLASS QC2 CONCRETE, MISC.: PARAPET AND LIGHT PILASTER ON MOMENT SLAB WITH QC/QA (WT: 29)	CY	48.000
0072	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	1,256.000
0073	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	9.000
0074	513E95030	STRUCTURAL STEEL, MISC.: 6" LOAD PLATE EXTENSION AT FIXED BEARING (WT: 29)	EACH	6.000
0075	513E95030	STRUCTURAL STEEL, MISC.: 9" LOAD PLATE EXTENSION AT FIXED BEARING (WT: 29)	EACH	6.000
0076	513E95030	STRUCTURAL STEEL, MISC.: REMOVE AND RE-INSTALL CROSSFRAME MEMBERS (WT: 29)	EACH	14.000
0077	513E95030	STRUCTURAL STEEL, MISC.: CRACK REPAIR AT PIER 4 (WT: 29)	EACH	1.000
0078	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	77.000
0079	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	545.000
0080	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	121.000
0081	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	6.000
0082	625E10502	LIGHT POLE (INSTALLATION ONLY) (WT: 43)	EACH	7.000
0083	625E10615	LIGHT POLE ANCHOR BOLTS ON STRUCTURE, AS PER PLAN (WT: 43)	EACH	28.000
0084	625E23000	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	2,841.000

0085	625E23401	NO. 10 AWG POLE AND BRACKET CABLE, AS PER PLAN (WT: 43)	FT	600.000
0086	625E25604	CONDUIT, 4", 725.051 (WT: 43)	FT	857.000
0087	625E27560	LUMINAIRE, INSTALLATION ONLY (WT: 43)	EACH	7.000
0088	625E29900	JUNCTION BOX (WT: 43)	EACH	9.000
0089	625E33000	STRUCTURE GROUNDING SYSTEM (WT: 43)	EACH	1.000
0090	625E60010	LIGHT POLE REMOVED FOR REERECTION (WT: 43)	EACH	7.000
0091	625E75550	DISTRIBUTION CABLE REMOVED (WT: NR)	FT	2,841.000
0092	625E75800	DISCONNECT CIRCUIT (WT: NR)	EACH	2.000
0093	631E94250	REMOVAL OF LUMINAIRE (WT: NR)	EACH	7.000
<b>Total 0011</b>		<b>STRUCTURE REPAIR (HAM-50-2198N SFN: 3103374)</b>		
<b>Section</b>	<b>0012</b>	<b>STRUCTURE REPAIR (HAM-74-0911R SFN: 3108406)</b>		
0094	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0095	202E47201	BRIDGE TERMINAL ASSEMBLY REMOVED FOR REUSE, AS PER PLAN (WT: NR)	EACH	4.000
0096	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1 1/2" DEEP) (WT: 13)	SY	21.000
0097	254E01010	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE (1 1/2" DEEP) (WT: 13)	SY	155.000
0098	407E10000	TACK COAT (WT: 10)	GAL	2.000
0099	422E11100	AGGREGATE, SINGLE CHIP SEAL, TYPE B (WT: 11)	SY	155.000
0100	442E00200	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446) (WT: 10)	CY	6.000
0101	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	379.000
0102	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	40.000
0103	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	13.000
0104	511E34448	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 29)	CY	1.000
0105	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	7.000
0106	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	103.000
<b>Total 0012</b>		<b>STRUCTURE REPAIR (HAM-74-0911R SFN: 3108406)</b>		



<b>Section 0013</b>	<b>STRUCTURE REPAIR (HAM-126-1419L SFN: 3118614)</b>			
0107	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0108	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	28.000
0109	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	9.000
0110	516E44301	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (17" DIA.x4 1/4" WITH 18"x18"x2" LOAD PLATE, 19"x19" BEVELED LOAD PLATE AND 18"x28 1/2"x2" MASONRY PLATE) (WT: 29)	EACH	14.000
0111	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0112	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (WT: 29)	SF	84.000
<b>Total 0013</b>	<b>STRUCTURE REPAIR (HAM-126-1419L SFN: 3118614)</b>			
<b>Section 0014</b>	<b>INCIDENTALS</b>			
0113	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0114	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0115	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0116	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0014</b>	<b>INCIDENTALS</b>			

**Project Number: 210125**

**PID: 111482**

**D08**

CLE, GRE, HAM

GR Type A Replacement

E200(484)

DBE Goal: 5.0%

Date Set for Completion: 10/29/2021

Type: GUARDRAIL REBUILDING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGES OF ADDYSTON, BETHEL, CLEVES, JAMESTOWN, NEW RICHMOND, AND WAYNESVILLE, THE CITIES OF BEAVERCREEK, CENTERVILLE, CINCINNATI, FRANKLIN, MIDDLETOWN, MONROE, SHARONVILLE, SPRINGBORO, SPRINGDALE, AND XENIA, BUTLER, CLERMONT, GREENE, HAMILTON, AND WARREN COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING SPECIFIED GUARDRAIL SECTIONS AND RELATED WORK**

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	25.000
0002	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	6,320.000
0003	202E42001	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN (WT: NR)	EACH	112.000
0004	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	1.000
0005	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	7.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	10.000
0007	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	50.000
0008	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	4,550.000
0009	606E15200	GUARDRAIL, TYPE MGS HALF POST SPACING WITH LONG POSTS (WT: 36)	FT	25.000
0010	606E15550	GUARDRAIL, BARRIER DESIGN, TYPE MGS (WT: 36)	FT	150.000
0011	606E26000	ANCHOR ASSEMBLY, TYPE B (WT: 36)	EACH	1.000
0012	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (FLEAT DESIGN) (WT: 36)	EACH	1.000
0013	606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	EACH	2.000

0014	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	81.000
0015	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	4.000
0016	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	19.000
0017	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	6.000
0018	606E60012	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL) (WT: 36)	EACH	4.000
0019	606E60028	IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL) (50MPH/30INCHES) (WT: 36)	EACH	1.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section 0002</b>		<b>PAVEMENT</b>		
0020	609E23001	COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN (WT: 38)	FT	108.000
<b>Total 0002</b>		<b>PAVEMENT</b>		
<b>Section 0003</b>		<b>TRAFFIC CONTROL</b>		
0021	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	187.000
<b>Total 0003</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0004</b>		<b>INCIDENTALS</b>		
0022	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0023	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0024	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0004</b>		<b>INCIDENTALS</b>		

**Project Number: 210126**

**PID: 110445**

**Delaware**

US 36-04.97 (at SR 257)

E191(616)

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Date Set for Completion: 10/15/2021

Type: SIGNALIZATION

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS OF ROADWAY WITHIN SCIOTO TOWNSHIP, OF DELAWARE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING TRAFFIC SIGNALS, STOP LINE AND ADVANCE RADAR DETECTION AT THE INTERSECTION OF US ROUTE 36 AND STATE ROUTE 257, INCLUDING OTHER 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</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	140.000
0003	203E20000	EMBANKMENT (WT: 06)	CY	100.000
0004	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	134.000
0005	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	19.000
0006	617E20000	SHOULDER PREPARATION (WT: 06)	SY	85.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0007	659E00300	TOPSOIL (WT: 46)	CY	20.000
0008	659E10000	SEEDING AND MULCHING (WT: 46)	SY	212.000
0009	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	90.000
0010	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	10.000
0011	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>TRAFFIC CONTROL</b>		
0012	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	45.000
0013	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	10.000
0014	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	4.000

0015	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	8.000
0016	630E97700	SIGNING, MISC.: SPLICED U-CHANNEL SIGN SUPPORT (WT: 42)	EACH	8.000
0017	644E00500	STOP LINE (WT: 45)	FT	25.000
0018	646E50100	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	45.000
<b>Total 0003</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0004</b>	<b>TRAFFIC SIGNALS</b>			
0019	625E18500	BRACKET ARM, 25' (WT: 43)	EACH	2.000
0020	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	120.000
0021	625E25600	CONDUIT, 4", 725.04 (WT: 43)	FT	40.000
0022	625E26252	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), IES-II, LED, 15000-16300 LUMENS, AS PER PLAN (WT: 43)	EACH	2.000
0023	625E29000	TRENCH (WT: 43)	FT	133.000
0024	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	1.000
0025	625E31510	PULL BOX REMOVED (WT: 43)	EACH	6.000
0026	625E32000	GROUND ROD (WT: 43)	EACH	5.000
0027	625E75510	POWER SERVICE REMOVED (WT: NR)	EACH	1.000
0028	632E05006	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, WITH BACKPLATE (WT: 44)	EACH	11.000
0029	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	11.000
0030	632E30400	MESSENGER WIRE, 7 STRAND, 1/2" DIAMETER WITH ACCESSORIES (WT: 44)	FT	312.000
0031	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	FT	312.000
0032	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,005.000
0033	632E42300	SIGNAL CABLE, 3 CONDUCTOR, NO. 12 AWG (WT: 44)	FT	315.000
0034	632E64000	STRAIN POLE FOUNDATION (WT: 44)	EACH	4.000
0035	632E68300	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	80.000
0036	632E69800	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	150.000
0037	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0038	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	1.000
0039	632E83201	STRAIN POLE, TYPE TC-81.10, DESIGN 12, AS PER PLAN (WT: 44)	EACH	2.000

0040	632E85201	COMBINATION STRAIN POLE, TYPE TC-81.10, DESIGN 12, AS PER PLAN (WT: 44)	EACH	2.000
0041	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000
0042	632E90400	SIGNALIZATION, MISC.: CDMA MODEM, FURNISH ONLY (WT: 44)	EACH	1.000
0043	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	1.000
0044	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0045	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	1.000
0046	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0047	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0048	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	2.000
0049	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
<b>Total 0004</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0050	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0006</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	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0054	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0006</b>		<b>INCIDENTALS</b>		

**Project Number: 210127**

**PID: 108470**

**Fairfield**

TR 201-01.10

E180(853)

DBE Goal: 8.0%

Date Set for Completion: 6/1/2022

Type: MINOR RECONSTRUCTION

Plan Cost: N/A

**FOR IMPROVING A SECTION IN FAIRFIELD COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY INTERSECTION IMPROVEMENT. THE PROJECT INCLUDES SHOULDER WIDENING, TRAFFIC SIGNALIZATION, DRAINAGE, 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	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	411.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	113.000
0005	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	10.000
0006	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	552.000
0007	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	57.000
0008	202E52990	SPECIAL - PARKING BLOCK REMOVED (WT: NR)	EACH	8.000
0009	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	2.000
0010	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT (24" DIAMETER) (WT: NR)	FT	69.000
0011	202E75000	FENCE REMOVED (WT: NR)	FT	190.000
0012	202E98000	REMOVAL MISC.:ROCKFORD HOMES SIGN REMOVED (WT: NR)	LS	1.000
0013	202E98100	REMOVAL MISC.:POST REMOVED (WT: NR)	EACH	1.000
0014	202E98100	REMOVAL MISC.:PRIVATE LIGHT REMOVED (WT: NR)	EACH	4.000
0015	202E98100	REMOVAL MISC.:PRIVATE SIGN REMOVED (WT: NR)	EACH	1.000
0016	202E98100	REMOVAL MISC.:PRIVATE SIGN SUPPORT REMOVED (WT: NR)	EACH	1.000

0017	202E98100	REMOVAL MISC.:WOOD POLE REMOVED (WT: NR)	EACH	1.000
0018	202E98300	REMOVAL MISC.:CONCRETE SLAB REMOVED (WT: NR)	SY	33.000
0019	202E98400	REMOVAL MISC.:LANDSCAPING REMOVED (WT: NR)	SF	712.000
0020	203E10000	EXCAVATION (WT: 06)	CY	1,344.000
0021	203E20000	EMBANKMENT (WT: 06)	CY	1,914.000
0022	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	5,387.000
0023	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	760.000
0024	204E20000	EMBANKMENT (WT: 06)	CY	200.000
0025	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	725.000
0026	204E45000	PROOF ROLLING (WT: NR)	HOUR	3.000
0027	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	140.000
0028	204E51000	GEOGRID (WT: 06)	SY	1,840.000
0029	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	87.500
0030	606E25000	ANCHOR ASSEMBLY, TYPE A (WT: 36)	EACH	1.000
0031	608E10000	4" CONCRETE WALK (WT: 38)	SF	124.000
0032	608E52000	CURB RAMP (WT: 38)	SF	268.000
0033	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	1.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0034	653E10000	TOPSOIL FURNISHED AND PLACED (WT: 46)	CY	487.000
0035	659E00300	TOPSOIL (WT: 46)	CY	92.000
0036	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	4,388.000
0037	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	220.000
0038	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.590
0039	659E35000	WATER (WT: 46)	MGAL	24.000
0040	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	575.000
0041	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0042	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0043	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0044	832E30000	EROSION CONTROL (WT: 08)	EACH	25,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		



0045	602E20000	CONCRETE MASONRY (WT: 35)	CY	2.500
0046	605E05200	4" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	106.000
0047	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	2,165.000
0048	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	156.000
0049	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	10.000
0050	611E04400	12" CONDUIT, TYPE B, 706.01 / 706.02 (WT: 35)	FT	41.000
0051	611E04400	12" CONDUIT, TYPE B, CONCRETE ENCASED, 706.01 / 706.02 (WT: 35)	FT	219.000
0052	611E04600	12" CONDUIT, TYPE C, 706.01 / 706.02 (WT: 35)	FT	404.000
0053	611E05900	15" CONDUIT, TYPE B, CONCRETE ENCASED, 706.01 / 706.02 (WT: 35)	FT	71.000
0054	611E10400	24" CONDUIT, TYPE B, 706.01 / 706.02 (WT: 35)	FT	63.000
0055	611E10600	24" CONDUIT, TYPE C, 706.01 / 706.02 (WT: 35)	FT	86.000
0056	611E52206	14" X 23" CONDUIT, TYPE D, 706.04 (WT: 35)	FT	10.000
0057	611E52206	14" X 23" CONDUIT, TYPE D, 706.04, CONCRETE ENCASED (WT: 35)	FT	55.000
0058	611E52306	19" X 30" CONDUIT, TYPE D, 706.04 (WT: 35)	FT	10.000
0059	611E52306	19" X 30" CONDUIT, TYPE D, 706.04, CONCRETE ENCASED (WT: 35)	FT	47.000
0060	611E97200	CONDUIT, MISC.:MITERED END SECTION (WT: 35)	EACH	5.000
0061	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	3.000
0062	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	4.000
0063	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	2.000
0064	611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	EACH	3.000
0065	611E99500	INLET, MISC.: LOW PROFILE INLET WITH TYPE V GRATE (WT: 35)	EACH	1.000
0066	611E99551	MANHOLE, NO. 1, AS PER PLAN (WT: 35)	EACH	1.000
0067	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	3.000
0068	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
0069	690E98200	SPECIAL - PAVED GUTTER, TYPE 1-2, AS PER PLAN (WT: 38)	SF	4,091.000

**Total 0003 DRAINAGE**

<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0070	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.25") (WT: 13)	SY	2,193.000

0071	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	649.000
0072	304E20000	AGGREGATE BASE (WT: 09)	CY	938.000
0073	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	823.000
0074	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	237.000
0075	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (LEVELING COURSE) (WT: 10)	CY	75.000
0076	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	223.000
0077	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	9.000
0078	441E50600	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), (DRIVEWAYS) (WT: 10)	CY	12.000
0079	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	198.000
0080	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	1,569.000
0081	609E26000	CURB, TYPE 6 (WT: 38)	FT	171.000
0082	690E98300	SPECIAL - ASPHALT REINFORCEMENT GRID FOR LONGITUDINAL JOINTS (WT: 38)	SY	872.000
0083	690E98300	SPECIAL - BRICK PAVERS (WT: 38)	SY	30.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>WATER WORK</b>		
0084	638E10300	FIRE HYDRANT EXTENDED AND ADJUSTED TO GRADE (WT: 35)	EACH	2.000
0085	638E10400	FIRE HYDRANT ADJUSTED TO GRADE (WT: 35)	EACH	2.000
0086	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	8.000
0087	638E10900	SERVICE BOX ADJUSTED TO GRADE (WT: 35)	EACH	3.000
<b>Total 0005</b>		<b>WATER WORK</b>		
<b>Section</b>	<b>0006</b>	<b>SANITARY SEWER</b>		
0088	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	4.000
0089	611E99660	MANHOLE RECONSTRUCTED TO GRADE (WT: 35)	EACH	2.000
<b>Total 0006</b>		<b>SANITARY SEWER</b>		
<b>Section</b>	<b>0007</b>	<b>LIGHTING</b>		
0090	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	2.000
0091	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	2.000

0092	625E23302	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	1,323.000
0093	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	210.000
0094	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	133.000
0095	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	145.000
0096	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 3" (WT: 43)	FT	54.000
0097	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-III-M, 25,000-27,000 LUMENS (WT: 43)	EACH	2.000
0098	625E29000	TRENCH (WT: 43)	FT	278.000
0099	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	5.000
0100	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	278.000

**Total 0007 LIGHTING**

<b>Section</b>	<b>0008</b>	<b>TRAFFIC CONTROL</b>		
0101	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	127.200
0102	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	133.500
0103	630E08520	STREET NAME SIGN SUPPORT, NO. 3 POST (WT: 42)	FT	12.600
0104	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	1.000
0105	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	EACH	11.000
0106	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	12.000
0107	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	287.500
0108	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	30.000
0109	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0110	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	25.000
0111	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	3.000
0112	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0113	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.170
0114	644E00200	LANE LINE, 4" (WT: 45)	MILE	0.010
0115	644E00300	CENTER LINE (WT: 45)	MILE	0.270

0116	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	1,300.000
0117	644E00500	STOP LINE (WT: 45)	FT	257.000
0118	644E00601	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	376.000
0119	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	106.000
0120	644E01300	LANE ARROW (WT: 45)	EACH	26.000
0121	644E01500	DOTTED LINE, 4" (WT: 45)	FT	698.000
0122	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	303.000
0123	644E30010	REMOVAL OF PAVEMENT MARKING (WT: 45)	SF	12.000
0124	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	1.000

**Total 0008      TRAFFIC CONTROL**

**Section 0009      TRAFFIC SIGNALS**

0125	625E17960	BRACKET ARM, 8' (WT: 43)	EACH	2.000
0126	625E18400	BRACKET ARM, 20' (WT: 43)	EACH	1.000
0127	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	57.000
0128	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	182.000
0129	625E25600	CONDUIT, 4", 725.04 (WT: 43)	FT	300.000
0130	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 4" (WT: 43)	FT	487.000
0131	625E29000	TRENCH (WT: 43)	FT	494.000
0132	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	3.000
0133	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	7.000
0134	625E32000	GROUND ROD (WT: 43)	EACH	14.000
0135	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	494.000
0136	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	11.000
0137	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	13.000
0138	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	4.000
0139	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	24.000
0140	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	4.000
0141	632E26001	PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	2.000
0142	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	584.000

0143	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	3,685.000
0144	632E62820	INTERCONNECT, MISC.: LAYER 2 ETHERNET SWITCH (WT: 44)	EACH	1.000
0145	632E64011	SIGNAL SUPPORT FOUNDATION, AS PER PLAN (WT: 44)	EACH	8.000
0146	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	2.000
0147	632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	FT	278.000
0148	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	2.000
0149	632E80103	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 1, AS PER PLAN (WT: 44)	EACH	1.000
0150	632E80403	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4, AS PER PLAN (WT: 44)	EACH	2.000
0151	632E80503	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 11, AS PER PLAN (WT: 44)	EACH	1.000
0152	632E80621	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 13, AS PER PLAN (WT: 44)	EACH	1.000
0153	632E80629	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 14, AS PER PLAN (WT: 44)	EACH	1.000
0154	632E80981	COMBINATION SIGNAL SUPPORT, TYPE TC- 81.21, DESIGN 2, AS PER PLAN (WT: 44)	EACH	1.000
0155	632E81001	COMBINATION SIGNAL SUPPORT, TYPE TC- 81.21, DESIGN 4, AS PER PLAN (WT: 44)	EACH	1.000
0156	632E89900	PEDESTAL, 8', TRANSFORMER BASE (WT: 44)	EACH	2.000
0157	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	1.000
0158	632E90400	SIGNALIZATION, MISC.: CABINET, TYPE TS-1 (WT: 44)	EACH	2.000
0159	632E90400	SIGNALIZATION, MISC.: REUSE OF FIBER OPTIC CABLE (WT: 44)	EACH	1.000
0160	632E90400	SIGNALIZATION, MISC.: SIGNAL SUPPORT, MECHANICAL DAMPER FOR TC-81.21 MAST ARM (GREATER THAN 59' IN LENGTH) (WT: 44)	EACH	1.000
0161	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	2.000
0162	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	2.000
0163	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	2.000
0164	804E34000	FIBER TERMINATION PANEL, 6 FIBER (WT: 55)	EACH	1.000
0165	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	2.000

0166	809E69201	EMERGENCY VEHICLE PREEMPTION, AS PER PLAN (WT: 44)	EACH	2.000
0167	809E69211	PREEMPT RECEIVING UNIT, AS PER PLAN (WT: 44)	EACH	8.000
0168	809E69220	PREEMPT DETECTOR CABLE (WT: 44)	FT	1,816.000
0169	809E69231	PREEMPT PHASE SELECTOR, AS PER PLAN (WT: 44)	EACH	2.000
0170	809E69241	PREEMPT CONFIRMATION LIGHT, AS PER PLAN (WT: 44)	EACH	8.000
<b>Total 0009</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section 0010</b>		<b>TRAFFIC SIGNALS ALTERNATES</b>		
0171	AA1 816E30001	VIDEO DETECTION SYSTEM, AS PER PLAN (COMPATABLE SYSTEM) (WT: 44)	EACH	2.000
0172	AA2 816E30001	VIDEO DETECTION SYSTEM, AS PER PLAN (GRIDSMART GS2 SYSTEM AS PER PLAN) (WT: 44)	EACH	2.000
<b>Total 0010</b>		<b>TRAFFIC SIGNALS ALTERNATES</b>		
<b>Section 0011</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0173	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	64.000
0174	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	28.000
0175	616E10000	WATER (WT: NR)	MGAL	20.000
<b>Total 0011</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0012</b>		<b>ITEMS OF WORK (ADDITIVE ALTERNATE 1: SIDEWALK)</b>		
0176	608E10000	4" CONCRETE WALK (WT: 38)	SF	2,930.000
0177	608E52000	CURB RAMP (WT: 38)	SF	79.000
0178	608E53020	DETECTABLE WARNING (WT: 38)	SF	10.000
<b>Total 0012</b>		<b>ITEMS OF WORK (ADDITIVE ALTERNATE 1: SIDEWALK)</b>		
<b>Section 0013</b>		<b>INCIDENTALS</b>		
0179	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0180	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0181	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	8.000
0182	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0183	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0013</b>		<b>INCIDENTALS</b>		

**Project Number: 210128**

**PID: 110004**

**Hamilton**

IR 275-21.65

E190(810)

DBE Goal: 7.0%

Date Set for Completion: 10/1/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN HAMILTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING AND RESURFACING PORTIONS OF INTERSTATE 275 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>PAVEMENT</b>		
0001	253E02000	PAVEMENT REPAIR (WT: 16)	CY	250.000
0002	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	32,517.000
0003	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	10,037.000
0004	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	7.440
0005	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 1" (WT: 13)	SY	361,298.000
0006	897E02000	PATCHING PLANED SURFACE (WT: 13)	SY	3,619.000
<b>Total</b>	<b>0001</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
0007	621E00100	RPM (WT: 41)	EACH	1,386.000
0008	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,386.000
0009	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	21.320
0010	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	12.440
0011	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	20,655.000
0012	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	190.000
0013	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	27.000
0014	642E01322	WRONG WAY ARROW, TYPE 1 (WT: 45)	EACH	13.000
0015	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	8,375.000
0016	642E01560	DOTTED LINE, 12", TYPE 1 (WT: 45)	FT	325.000

0017	644E00720	CHEVRON MARKING (WT: 45)	FT	1,140.000
Total 0002		TRAFFIC CONTROL		
Section 0003	MAINTENANCE OF TRAFFIC			
0018	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	600.000
0019	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	11.740
0020	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	18.160
0021	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	16,695.000
0022	614E24610	WORK ZONE DOTTED LINE, CLASS III, 4", 642 PAINT (WT: 39)	FT	4,860.000
0023	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	16.000
0024	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	12.000
Total 0003		MAINTENANCE OF TRAFFIC		
Section 0004	INCIDENTALS			
0025	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0026	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0027	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0028	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0004		INCIDENTALS		



**Project Number: 210129**

**PID: 103330**

**Jefferson**

US 22-15.11

E190(901)

DBE Goal: 6.0%

Date Set for Completion: 10/31/2021

Type: MISCELLANEOUS

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN JEFFERSON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RETAINING WALL MAINTENANCE, TUNNEL REPAIR 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	22.000
0003	202E98000	REMOVAL MISC.: VENTILATION SYSTEM (WT: NR)	LS	1.000
0004	202E98100	REMOVAL MISC.: SURVEY PRISM ASSEMBLY (WT: NR)	EACH	30.000
0005	203E10000	EXCAVATION (WT: 06)	CY	4.000
0006	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	22.000
0007	607E22001	FENCE REBUILT, TYPE CL, AS PER PLAN (WT: 37)	FT	16.000
0008	607E98100	FENCE, MISC.: ANCHOR BOLTS, 3/4" (WT: 37)	EACH	2.000
0009	607E98100	FENCE, MISC.: TYPE CL, 1 1/4" TOP RAIL (WT: 37)	EACH	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0010	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0011	611E04601	12" CONDUIT, TYPE C, AS PER PLAN (WT: 35)	FT	40.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		

0012	304E20000	AGGREGATE BASE (WT: 09)	CY	5.000
0013	407E10000	TACK COAT (WT: 10)	GAL	3.000
0014	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, (PG70-22M) (WT: 10)	CY	1.000
0015	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	1.000
0016	451E14010	9" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	22.000
0017	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	25.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0018	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	18.000
0019	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.010
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>LANDSCAPING</b>		
0020	691E60200	SPECIAL - HERBICIDAL SPRAYING, RETAINING WALL NO. 5 (WT: 49)	SY	2,077.000
<b>Total 0006</b>		<b>LANDSCAPING</b>		
<b>Section</b>	<b>0007</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0021	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	6.000
0022	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	21.000
<b>Total 0007</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0008</b>	<b>RETAINING WALLS</b>		
0023	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	50.000
0024	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	957.000
0025	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	8.000
0026	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	2.000
0027	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	25.000
0028	518E62200	STRUCTURE DRAINAGE, MISC.: CLEANING EXISTING 3" WEEPHOLES (WT: 34)	EACH	90.000
0029	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	670.000

0030	610E60000	RETAINING WALL, MISC.: RETAINING WALL NO. 5 CLEANING (WT: 34)	LS	1.000
0031	844E10000	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION (WT: 29)	SF	368.000
0032	848E20001	SURFACE PREPARATION USING HYDRODEMOLITION, AS PER PLAN (WT: 30)	SY	368.000
<b>Total 0008</b>		<b>RETAINING WALLS</b>		
<b>Section</b>	<b>0009</b>	<b>STRUCTURE REPAIR (PRESSURE RELIEF TUNNEL)</b>		
0033	503E21101	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 29)	CY	40.000
0034	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	104.000
0035	518E62200	STRUCTURE DRAINAGE, MISC.: TUNNEL WALL DRAIN CONNECTION (WT: 34)	EACH	18.000
0036	520E10000	PNEUMATICALLY PLACED CONCRETE SHOTCRETE (WT: 29)	SF	46.000
0037	530E00200	SPECIAL - STRUCTURES: SAFETY STANDARDS FOR CONFINED SPACES AND TEMPORARY VENTILATION PLAN (WT: NR)	LS	1.000
0038	530E01100	SPECIAL - STRUCTURES: BACKFILL FOR LINER PIPE (WT: 29)	CY	61.000
0039	837E10001	LINER PIPE, AS PER PLAN, 8'-1 7/8" UNDERPASS SHAPE (WT: 35)	FT	30.000
<b>Total 0009</b>		<b>STRUCTURE REPAIR (PRESSURE RELIEF TUNNEL)</b>		
<b>Section</b>	<b>0010</b>	<b>INCIDENTALS</b>		
0040	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0041	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0042	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0043	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	7.000
0044	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0010</b>		<b>INCIDENTALS</b>		

**Project Number: 210130**  
**PID: 103901**  
**Knox**  
SR 13-11.71 (Mt Vern Safety)  
E160(810)

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DBE Goal: 8.0%

Date Set for Completion: 11/30/2021

Type: MINOR WIDENING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF MOUNT VERNON, CLINTON TOWNSHIP, KNOX COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY ADDING TURN LANES, RECONSTRUCTING ASPHALT ROADWAY, STORM SEWER 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	748.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	3,874.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	644.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	3,084.000
0006	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	517.000
0007	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	14.000
0008	202E58200	INLET REMOVED (WT: NR)	EACH	2.000
0009	202E58500	CATCH BASIN ABANDONED (WT: NR)	EACH	3.000
0010	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT (12" DIAMETER) (WT: NR)	FT	34.000
0011	202E75000	FENCE REMOVED (WT: NR)	FT	86.000
0012	202E98100	REMOVAL MISC.: MANSFIELD BRICK & SUPPLY SIGN REMOVED (WT: NR)	EACH	1.000
0013	202E98100	REMOVAL MISC.: POLE REMOVED (WT: NR)	EACH	1.000
0014	202E98100	REMOVAL MISC.: PRIVATE SIGN REMOVED (WT: NR)	EACH	2.000
0015	202E98100	REMOVAL MISC.: SUBWAY SIGN REMOVED (WT: NR)	EACH	1.000
0016	202E98200	REMOVAL MISC.: RAILROAD TIES REMOVED (WT: NR)	FT	22.000

0017	202E98200	REMOVAL MISC.: SLOTTED DRAIN REMOVED (WT: NR)	FT	76.000
0018	202E98200	REMOVAL MISC.: STONE RETAINING WALL REMOVED (WT: NR)	FT	38.000
0019	203E10001	EXCAVATION, AS PER PLAN (WT: 06)	CY	3,609.000
0020	203E20000	EMBANKMENT (WT: 06)	CY	122.000
0021	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	780.000
0022	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	100.000
0023	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	100.000
0024	204E45000	PROOF ROLLING (WT: NR)	HOUR	3.000
0025	204E50000	GEOTEXTILE FABRIC, TYPE D (WT: 06)	SY	200.000
0026	206E10500	CEMENT (WT: NR)	TON	135.000
0027	206E11000	CURING COAT (WT: 07)	SY	5,219.000
0028	206E15010	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP (WT: 07)	SY	5,219.000
0029	206E30000	MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS (WT: 07)	LS	1.000
0030	608E10000	4" CONCRETE WALK (WT: 38)	SF	10,409.000
0031	608E52000	CURB RAMP (WT: 38)	SF	1,068.000
0032	608E53020	DETECTABLE WARNING (WT: 38)	SF	20.000
0033	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	6.000
0034	623E40520	RIGHT-OF-WAY MONUMENT (WT: NR)	EACH	9.000
0035	653E10000	TOPSOIL FURNISHED AND PLACED (WT: 46)	CY	210.000
0036	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	6.000

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**Total 0001      ROADWAY**

<b>Section 0002</b>	<b>EROSION CONTROL</b>			
0037	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	1,887.000
0038	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	94.000
0039	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.260
0040	659E35000	WATER (WT: 46)	MGAL	10.000
0041	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0042	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0043	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0044	832E30000	EROSION CONTROL (WT: 08)	EACH	17,000.000

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**Total 0002      EROSION CONTROL**

<b>Section 0003</b>	<b>DRAINAGE</b>			
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0045	605E05200	4" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	302.000
0046	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	1,797.000
0047	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	236.000
0048	611E02000	8" CONDUIT, TYPE C (WT: 35)	FT	10.000
0049	611E03100	10" CONDUIT, TYPE B (WT: 35)	FT	10.000
0050	611E03300	10" CONDUIT, TYPE C (WT: 35)	FT	5.000
0051	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	264.000
0052	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	331.000
0053	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	81.000
0054	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	14.000
0055	611E10400	24" CONDUIT, TYPE B (WT: 35)	FT	401.000
0056	611E10400	24" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	18.000
0057	611E10600	24" CONDUIT, TYPE C (WT: 35)	FT	15.000
0058	611E11900	27" CONDUIT, TYPE B (WT: 35)	FT	177.000
0059	611E11900	27" CONDUIT, TYPE B, 706.02, CONCRETE ENCASED (WT: 35)	FT	25.000
0060	611E13400	30" CONDUIT, TYPE B (WT: 35)	FT	55.000
0061	611E52502	24" X 38" CONDUIT, TYPE B, 706.04 (WT: 35)	FT	260.000
0062	611E97010	SLOTTED DRAIN, TYPE 2, 12" (WT: 35)	FT	77.000
0063	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	2.000
0064	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	11.000
0065	611E98370	CATCH BASIN, NO. 6 (WT: 35)	EACH	1.000
0066	611E98390	CATCH BASIN, NO. 7 (WT: 35)	EACH	1.000
0067	611E99551	MANHOLE, NO. 1, AS PER PLAN (WT: 35)	EACH	1.000
0068	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	14.000
0069	611E99574	MANHOLE, NO. 3, 96" BASE I.D. (WT: 35)	EACH	1.000
0070	611E99580	MANHOLE, NO. 3 WITH 84" BASE I.D. AND 6" WEIR (WT: 35)	EACH	1.000
0071	613E41200	LOW STRENGTH MORTAR BACKFILL (WT: NR)	CY	15.000
0072	690E98100	SPECIAL - FRENCH DRAIN (WT: 35)	FT	376.000
0073	895E10010	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 1 (WT: 35)	EACH	1.000

**Total 0003 DRAINAGE**

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<b>Section 0004</b>	<b>PAVEMENT</b>			
0074	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.25" DEPTH) (WT: 13)	SY	656.000

0075	301E46001	ASPHALT CONCRETE BASE, PG64-22, AS PER PLAN (WT: 10)	CY	756.000
0076	304E20000	AGGREGATE BASE (WT: 09)	CY	943.000
0077	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	549.000
0078	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG70-22M (WT: 10)	CY	181.000
0079	441E50301	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN, MIX DEPENDENT (WT: 10)	CY	220.000
0080	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	1.000
0081	441E50600	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), (DRIVEWAYS) (WT: 10)	CY	1.000
0082	452E10050	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	253.000
0083	452E12050	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	504.000
0084	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	2,528.000
0085	609E26000	CURB, TYPE 6 (WT: 38)	FT	60.000
Total	0004	PAVEMENT		
Section	0005	WATER WORK		
0086	638E10400	FIRE HYDRANT ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0087	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	13.000
0088	638E10900	SERVICE BOX ADJUSTED TO GRADE (WT: 35)	EACH	8.000
Total	0005	WATER WORK		
Section	0006	LIGHTING		
0089	625E75401	LIGHT POLE REMOVED, AS PER PLAN (WT: NR)	EACH	1.000
Total	0006	LIGHTING		
Section	0007	TRAFFIC CONTROL		
0090	621E00100	RPM (WT: 41)	EACH	36.000
0091	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	15.000
0092	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	134.000
0093	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	216.300

0094	630E08520	STREET NAME SIGN SUPPORT, NO. 3 POST (WT: 42)	FT	37.800
0095	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	3.000
0096	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	EACH	4.000
0097	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	262.200
0098	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	25.000
0099	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	5.000
0100	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	24.000
0101	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0102	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	9.000
0103	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.110
0104	644E00300	CENTER LINE (WT: 45)	MILE	0.430
0105	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	266.000
0106	644E00500	STOP LINE (WT: 45)	FT	96.000
0107	644E00600	CROSSWALK LINE (WT: 45)	FT	437.000
0108	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	151.000
0109	644E01300	LANE ARROW (WT: 45)	EACH	6.000

**Total 0007      TRAFFIC CONTROL**

<b>Section</b>	<b>0008</b>	<b>TRAFFIC SIGNALS</b>		
0110	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	1.000
0111	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	1.000
0112	625E17961	BRACKET ARM, 8', AS PER PLAN (WT: 43)	EACH	1.000
0113	625E22990	NO. 6 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	339.000
0114	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	114.000
0115	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	191.000
0116	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	113.000
0117	625E25600	CONDUIT, 4", 725.04 (WT: 43)	FT	48.000
0118	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 4" (WT: 43)	FT	228.000
0119	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-III-M, 17,000-19,000 LUMENS (WT: 43)	EACH	1.000



0120	625E29000	TRENCH (WT: 43)	FT	274.000
0121	625E29500	TRENCH IN PAVED AREA, TYPE A (WT: 43)	FT	44.000
0122	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	1.000
0123	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	3.000
0124	625E32000	GROUND ROD (WT: 43)	EACH	8.000
0125	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	318.000
0126	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, YELLOW (WT: 44)	EACH	8.000
0127	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	6.000
0128	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	8.000
0129	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	6.000
0130	632E26001	PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	6.000
0131	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	825.000
0132	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	709.000
0133	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	4.000
0134	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	2.000
0135	632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	FT	801.000
0136	632E69300	POWER CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	FT	34.000
0137	632E69900	SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	FT	332.000
0138	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0139	632E77233	SIGNAL SUPPORT, MECHANICAL DAMPER FOR TC-81.21 MAST ARM (GREATER THAN 39' IN LENGTH), AS PER PLAN (WT: 44)	EACH	1.000
0140	632E80103	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 1, AS PER PLAN (WT: 44)	EACH	2.000
0141	632E80203	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 2, AS PER PLAN (WT: 44)	EACH	1.000
0142	632E80503	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 11, AS PER PLAN (WT: 44)	EACH	1.000
0143	632E89901	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (WT: 44)	EACH	2.000

0144	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	1.000
0145	632E90400	SIGNALIZATION, MISC.: TEST HOLE PERFORMED (WT: 44)	EACH	1.000
0146	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	1.000
0147	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0148	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	2.000
0149	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
<b>Total 0008</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section 0009</b>		<b>TRAFFIC SIGNALS ALTERNATES</b>		
0150	AA1 633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (COMPATABLE SYSTEM) (WT: 44)	EACH	1.000
0151	AA2 633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (ALPHA TECHNOLOGIES AS PER PLAN) (WT: 44)	EACH	1.000
<b>Total 0009</b>		<b>TRAFFIC SIGNALS ALTERNATES</b>		
<b>Section 0010</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0152	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	14.000
0153	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	60.000
0154	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0155	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	40.000
0156	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	36.000
0157	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.110
0158	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	0.850
0159	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	35.000
0160	614E40051	BUSINESS ENTRANCE SIGN, AS PER PLAN (WT: 39)	EACH	3.000
0161	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0162	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	76.000
0163	616E10000	WATER (WT: NR)	MGAL	20.000
<b>Total 0010</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0011</b>		<b>INCIDENTALS</b>		
0164	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000

0165	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0166	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0167	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0168	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0011</b>		<b>INCIDENTALS</b>		

**Project Number: 210131**

**PID: 93013**

**Licking**

IR 70-19.47

E140(869)

DBE Goal: 8.0%

Date Set for Completion: 11/1/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING A SECTION IN LICKING COUNTY, OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING AN EXISTING ROADWAY WITH ASPHALT CONCRETE, INTERCHANGE RAMP REPAIR AND WIDENING (CONCRETE), MINOR BRIDGE REPAIR, 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	202E23000	PAVEMENT REMOVED (WT: NR)	SY	669.000
0002	203E10000	EXCAVATION (WT: 06)	CY	743.000
0003	203E20000	EMBANKMENT (WT: 06)	CY	70.000
0004	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,627.000
0005	209E60500	LINEAR GRADING (WT: 06)	MILE	8.740
0006	622E90000	BARRIER, MISC.: MEDIAN BARRIER REMOVE AND REPLACE, TYPE B50 (WT: 38)	FT	1,420.000
0007	622E90000	BARRIER, MISC.: MEDIAN BARRIER REMOVE AND REPLACE, TYPE C50 (WT: 38)	FT	120.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0008	659E00510	SEEDING AND MULCHING, CLASS 2 (WT: 46)	SY	1,210.000
0009	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0010	611E99150	INLET ADJUSTED TO GRADE (WT: 35)	EACH	60.000
0011	611E99154	INLET RECONSTRUCTED 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	253E02000	PAVEMENT REPAIR (WT: 16)	CY	100.000

0013	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.50" (WT: 13)	SY	334.000
0014	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2.00" (WT: 13)	SY	264,141.000
0015	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3.00" (WT: 13)	SY	27,275.000
0016	255E10501	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS RRCM, AS PER PLAN (12" REINFORCED) (WT: 17)	SY	1,309.000
0017	255E10501	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS RRCM, AS PER PLAN (12" UNREINFORCED) (WT: 17)	SY	233.000
0018	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	3,131.000
0019	257E10001	DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT, AS PER PLAN (WT: 13)	SY	10,908.000
0020	304E20000	AGGREGATE BASE (WT: 09)	CY	543.000
0021	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	37,841.000
0022	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	9,499.000
0023	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	15,717.000
0024	442E10101	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN (PG64-22/PG64-28) (WT: 10)	CY	12,115.000
0025	442E10300	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447) (WT: 10)	CY	12,129.000
0026	451E16010	12" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	1,465.000
0027	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (A) (WT: 29)	FT	352.000
0028	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	1,522.000
0029	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	17.320
0030	690E98400	SPECIAL - PAVER MOUNTED THERMAL PROFILING (PMTP) (WT: 17)	LS	1.000

**Total 0004 PAVEMENT**

Section	0005	TRAFFIC CONTROL		
0031	621E00100	RPM (WT: 41)	EACH	928.000
0032	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	849.000
0033	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	49.000

0034	630E08004	ONE WAY SUPPORT, NO. 3 POST (WT: 42)	FT	14.000
0035	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	6.000
0036	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	5.000
0037	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	17.420
0038	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	17.420
0039	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	1,571.000
0040	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	1,610.000
0041	642E40000	SPEED MEASUREMENT MARKING (WT: 45)	EACH	2.000
0042	646E10010	EDGE LINE, 6" (WT: 45)	MILE	1.520
0043	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	795.000
0044	646E10400	STOP LINE (WT: 45)	FT	98.000
0045	646E20300	LANE ARROW (WT: 45)	EACH	10.000
0046	646E20320	WRONG WAY ARROW (WT: 45)	EACH	3.000
0047	646E20410	WORD ON PAVEMENT, 96" (WT: 45)	EACH	6.000

**Total 0005      TRAFFIC CONTROL**

<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0048	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	750.000
0049	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	9.000
0050	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	48.000
0051	614E13310	BARRIER REFLECTOR, TYPE 1(UNIDIRECTIONAL) (WT: NR)	EACH	945.000
0052	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	945.000
0053	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	26.000
0054	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	26.220
0055	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	26.220
0056	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	1.940
0057	614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	1,571.000
0058	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	795.000
0059	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	98.000

0060	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	47,178.000
0061	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	36.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	RETAINING WALLS (I.R. 70 MEDIAN)		
0062	202E11301	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	CY	114.000
0063	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	4,025.000
0064	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 21)	CY	114.000
0065	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	1,480.000
Total	0007	RETAINING WALLS (I.R. 70 MEDIAN)		
Section	0008	STRUCTURE REPAIR (LIC-70-2015)		
0066	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	2,528.000
0067	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (B) (WT: 29)	FT	237.000
0068	519E11600	SPECIAL - PATCHING CONCRETE STRUCTURE: CLASS QC2 CONCRETE WITH ACCELERATING ADMIXTURE (WT: 29)	SF	306.000
0069	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.140
0070	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.140
Total	0008	STRUCTURE REPAIR (LIC-70-2015)		
Section	0009	STRUCTURE REPAIR (LIC-70-2099)		
0071	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	784.000
0072	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	82.000
0073	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.140
0074	646E10200	CENTER LINE (WT: 45)	MILE	0.070
Total	0009	STRUCTURE REPAIR (LIC-70-2099)		
Section	0010	STRUCTURE REPAIR (LIC-70-2209)		
0075	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	704.000
0076	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	22.000
0077	519E11600	SPECIAL - PATCHING CONCRETE STRUCTURE: CLASS QC2 CONCRETE WITH ACCELERATING ADMIXTURE (WT: 29)	SF	5.000
0078	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.120
0079	646E10200	CENTER LINE (WT: 45)	MILE	0.060
Total	0010	STRUCTURE REPAIR (LIC-70-2209)		

Section 0011		STRUCTURE REPAIR (LIC-70-2320)		
0080	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	764.000
0081	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (B) (WT: 29)	FT	55.000
0082	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	75.000
0083	519E11600	SPECIAL - PATCHING CONCRETE STRUCTURE: CLASS QC2 CONCRETE WITH ACCELERATING ADMIXTURE (WT: 29)	SF	7.000
0084	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.100
0085	646E10200	CENTER LINE (WT: 45)	MILE	0.050
<b>Total 0011</b>		<b>STRUCTURE REPAIR (LIC-70-2320)</b>		
Section 0012		INCIDENTALS		
0086	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0087	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0088	619E16020	FIELD OFFICE, TYPE C (WT: NR)	MNTH	6.000
0089	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0090	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0012</b>		<b>INCIDENTALS</b>		



**Project Number: 210132**

**PID: 101372**

**Meigs**

SR 143-04.96

E170(274)

DBE Goal: 10.0%

Date Set for Completion: 11/15/2021

Type: BRIDGE REPLACEMENT (2 BRIDGES)

Plan Cost: N/A

**FOR IMPROVING A SECTION OF SALISBURY & RUTLAND TOWNSHIPS, OF MEIGS COUNTY OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING TWO BRIDGES ON SR-143 WITH NEW STRUCTURES. THE SINGLE SPAN BRIDGE NO. 0152 WILL BE REPLACED BY A NEW 3 SPAN CONCRETE SLAB WITH PILE PIERS AND ABUTMENTS. THE SINGLE SPAN BRIDGE NO. 0496 WILL BE REPLACED BY AN 18 FT X 7 FT BOX CULVERT. PROJECT ALSO INCLUDES THE INSTALLATION OF NEW RAILING, DRAINAGE ITEMS, AND 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	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	79.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	776.000
0004	202E75000	FENCE REMOVED (WT: NR)	FT	200.000
0005	202E98000	REMOVAL MISC.: RETAINING WALL REMOVED (WT: NR)	LS	1.000
0006	203E10000	EXCAVATION (WT: 06)	CY	2,820.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	838.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,191.000
0009	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	612.500
0010	606E25550	ANCHOR ASSEMBLY, MGS TYPE A (WT: 36)	EACH	7.000
0011	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0012	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
0013	607E15000	FENCE, TYPE 47 (WT: 37)	FT	258.000
0014	690E50200	SPECIAL - MAILBOX SUPPORT SYSTEM, DOUBLE (WT: NR)	EACH	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		

0015	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	605.000
0016	659E10000	SEEDING AND MULCHING (WT: 46)	SY	5,286.000
0017	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.480
0018	659E31000	LIME (WT: 46)	ACRE	1.100
0019	659E35000	WATER (WT: 46)	MGAL	15.000
0020	832E30000	EROSION CONTROL (WT: 08)	EACH	6,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0021	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.660
0022	605E31100	AGGREGATE DRAINS (WT: 35)	FT	150.000
0023	611E06400	15" CONDUIT, TYPE D (WT: 35)	FT	58.000
0024	611E07200	18" CONDUIT, TYPE A707.33 (WT: 35)	FT	24.000
0025	611E10900	24" CONDUIT, TYPE D (WT: 35)	FT	42.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0026	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1 1/2" AVERAGE DEPTH) (WT: 13)	SY	1,614.000
0027	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (3" AVERAGE DEPTH) (WT: 13)	SY	210.000
0028	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	187.000
0029	304E20000	AGGREGATE BASE (WT: 09)	CY	236.000
0030	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	372.000
0031	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	185.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0032	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	23.000
0033	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	23.000
0034	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	7.000
0035	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	8.000
0036	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0037	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	8.000

0038	630E86010	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION (WT: 42)	EACH	1.000
0039	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.420
0040	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.220
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0041	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	4.000
0042	614E12740	WORK ZONE LIGHTING SYSTEM (WT: 39)	EACH	1.000
0043	614E13310	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	26.000
0044	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	26.000
0045	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	0.430
0046	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	22.000
0047	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 10)	LS	1.000
0048	615E25001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B, AS PER PLAN (WT: 10)	SY	86.000
0049	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	540.000
0050	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	40.000
<b>Total 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0007</b>	<b>STRUCTURE OVER 20 FOOT SPAN (BRIDGE No. MEG-143-0152)</b>		
0051	202E11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0052	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	125.000
0053	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000
0054	503E21300	UNCLASSIFIED EXCAVATION (WT: 34)	LS	1.000
0055	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0056	507E00100	STEEL PILES HP10X42, FURNISHED (WT: 53)	FT	585.000
0057	507E00150	STEEL PILES HP10X42, DRIVEN (WT: 53)	FT	495.000
0058	507E00200	STEEL PILES HP12X53, FURNISHED (WT: 53)	FT	560.000
0059	507E00250	STEEL PILES HP12X53, DRIVEN (WT: 53)	FT	490.000
0060	507E00410	STEEL PILES, MISC.: PILE SPLICE (WT: 53)	EACH	4.000
0061	507E71200	SPECIAL - PILE ENCASEMENT (WT: 53)	FT	130.000
0062	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	39,603.000
0063	511E33311	CLASS QC2 CONCRETE, SUPERSTRUCTURE, AS PER PLAN (WT: 20)	CY	121.000

0064	511E43510	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING (WT: 20)	CY	81.000
0065	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	151.000
0066	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	62.000
0067	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	88.000
0068	516E25000	NYLON REINFORCED NEOPRENE SHEETING (WT: 27)	SF	411.000
0069	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	127.420
0070	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	50.000
0071	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 29)	FT	139.350
0072	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	116.000
0073	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	47.000
0074	526E30001	REINFORCED CONCRETE APPROACH SLABS (T=17"), AS PER PLAN (WT: 29)	SY	220.000

**Total 0007      STRUCTURE OVER 20 FOOT SPAN (BRIDGE No. MEG-143-0152)**

<b>Section 0008</b>	<b>STRUCTURE OVER 20 FOOT SPAN (BRIDGE No. MEG-143-0496)</b>			
0075	202E11000	STRUCTURE REMOVED (WT: 19)	LS	1.000
0076	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	69.000
0077	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000
0078	503E21300	UNCLASSIFIED EXCAVATION (WT: 34)	LS	1.000
0079	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	8,402.000
0080	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	18.000
0081	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	66.000
0082	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	CY	1.000
0083	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	75.000
0084	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	168.000
0085	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	201.000
0086	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	38.000

0087	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	26.000
0088	611E96471	18' X 7' CONDUIT, TYPE A, 706.05, AS PER PLAN (WT: 35)	FT	84.000
0089	613E41300	LOW STRENGTH MORTAR BACKFILL (TYPE 2) (WT: NR)	CY	479.000

**Total 0008      STRUCTURE OVER 20 FOOT SPAN (BRIDGE No. MEG-143-0496)**

<b>Section</b>	<b>0009</b>	<b>INCIDENTALS</b>		
0090	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0091	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0092	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0093	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total</b>	<b>0009</b>	<b>INCIDENTALS</b>		

**Project Number: 210133**

**PID: 101701**

**Monroe**

CR 29-00.85

E170(598)

DBE Goal: 10.0%

Date Set for Completion: 10/30/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING A SECTION OF MONROE COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REMOVING AND REPLACING THE EXISTING CONCRETE DECK, STRUCTURAL STEEL, AND ABUTMENTS OF BRIDGE NO. MOE-CR29-0085 (CR-29 SUNFISH CREEK ROAD OVER SUNFISH CREEK), INCLUDING MINOR PATCHING ON THE ABUTMENTS AND PIERS, AS WELL AS 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	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0002	202E75200	FENCE REMOVED FOR REUSE (WT: NR)	FT	491.000
0003	203E10000	EXCAVATION (WT: 06)	CY	172.000
0004	203E20000	EMBANKMENT (WT: 06)	CY	235.000
0005	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,008.000
0006	209E80050	GRADING DRIVE APPROACHES (WT: 06)	EACH	3.000
0007	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	75.000
0008	606E20050	ROUNDED END SECTION (WT: 36)	EACH	1.000
0009	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	3.000
0010	606E35140	BRIDGE TERMINAL ASSEMBLY, TYPE 4 (WT: 36)	EACH	3.000
0011	626E00112	BARRIER REFLECTOR, TYPE 3 (BI-DIRECTIONAL) (WT: NR)	EACH	14.000
0012	690E50000	SPECIAL - MAILBOX SUPPORT (WT: NR)	EACH	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	724.000
0014	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	37.000
0015	659E15000	INTER-SEEDING (WT: 46)	SY	37.000

0016	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.100
0017	659E31000	LIME (WT: 46)	ACRE	0.150
0018	659E35000	WATER (WT: 46)	MGAL	4.000
0019	832E30000	EROSION CONTROL (WT: 08)	EACH	4,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0020	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	124.000
0021	304E20000	AGGREGATE BASE (WT: 09)	CY	183.000
0022	407E10000	TACK COAT (WT: 10)	GAL	707.000
0023	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	61.000
0024	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	4.000
Total	0003	PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0025	620E00500	DELINEATOR, POST GROUND MOUNTED (WT: NR)	EACH	4.000
0026	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	44.000
Total	0004	TRAFFIC CONTROL		
Section	0005	MAINTENANCE OF TRAFFIC		
0027	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0028	616E10000	WATER (WT: NR)	MGAL	1.000
Total	0005	MAINTENANCE OF TRAFFIC		
Section	0006	STRUCTURE OVER 20 FOOT SPAN (5630909)		
0029	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0030	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	389.000
0031	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000
0032	503E21300	UNCLASSIFIED EXCAVATION (WT: 34)	LS	1.000
0033	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	35,513.000
0034	510E09950	DOWEL HOLES WITH CEMENT GROUT (WT: 23)	EACH	300.000
0035	511E31610	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 22)	CY	126.000
0036	511E33501	SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN (WT: 22)	EACH	2.000
0037	511E43210	CLASS QC1 CONCRETE, PIER (WT: 22)	CY	57.000

0038	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 22)	CY	5.000
0039	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	544.000
0040	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	60.000
0041	513E10240	STRUCTURAL STEEL MEMBERS, LEVEL 2 (WT: 24)	LB	113,005.000
0042	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	56.000
0043	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 27)	FT	77.000
0044	516E44000	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (14 X 14 X 5.183) (WT: 27)	EACH	8.000
0045	516E44000	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (9 X 9 X 4.472) (WT: 27)	EACH	8.000
0046	517E72300	RAILING (DEEP BEAM RAIL WITH STEEL TUBULAR BACKUP AND TYPE 2 STEEL POSTS AND ANCHOR BOLTS) (WT: 36)	FT	354.000
0047	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	16.000
0048	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 29)	FT	467.000
0049	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	30.000
0050	526E25000	REINFORCED CONCRETE APPROACH SLABS (T=15") (WT: 29)	SY	146.000
0051	526E90010	TYPE A INSTALLATION (WT: 29)	FT	44.000
0052	613E41200	LOW STRENGTH MORTAR BACKFILL (WT: NR)	CY	16.000
0053	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (WT: 29)	SF	15.000

**Total 0006      STRUCTURE OVER 20 FOOT SPAN (5630909)**

<b>Section 0007</b>	<b>INCIDENTALS</b>			
0054	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0055	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0056	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0057	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0007</b>	<b>INCIDENTALS</b>			



**Project Number: 210134**

**PID: 111075**

**Ottawa**

SR 105-04.11 Slide repair

E191(364)

DBE Goal: 5.0%

Date Set for Completion: 10/31/2021

Type: SLIDE REPAIR

Plan Cost: N/A

**FOR IMPROVING A SECTION IN HARRIS TOWNSHIP, OTTAWA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A NON-MSE REINFORCED LIVING WALL FOR SLOPE REPAIR, 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	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	24.000
0003	202E38200	GUARDRAIL REMOVED FOR REUSE (WT: NR)	FT	150.000
0004	203E10000	EXCAVATION (WT: 06)	CY	82.000
0005	203E22000	EMBANKMENT, USING NATURAL SOILS, 703.16.A (WT: 06)	CY	67.000
0006	203E57000	SPECIAL - SCALPING (WT: 06)	SY	400.000
0007	606E15101	GUARDRAIL, TYPE MGS WITH LONG POSTS, AS PER PLAN (WT: 36)	FT	150.000
0008	653E10000	TOPSOIL FURNISHED AND PLACED (WT: 46)	CY	67.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0009	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: NR)	LS	1.000
0010	601E21100	SLOPE PROTECTION, MISC.:GREENLOXX NON-MSE LIVING WALL (WT: 46)	SY	305.000
0011	601E28101	DUMPED ROCK FILL, AS PER PLAN (WT: 35)	CY	164.000
0012	659E10001	SEEDING AND MULCHING, AS PER PLAN (WT: 46)	SY	200.000
0013	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		

<b>Section 0003</b>		<b>PAVEMENT</b>		
0014	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	10.000
0015	304E20000	AGGREGATE BASE (WT: 09)	CY	12.000
0016	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	5.000
0017	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	4.000
0018	609E10000	ASPHALT CONCRETE CURB, TYPE 1 (WT: 11)	FT	90.000
0019	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	30.000
<b>Total 0003</b>		<b>PAVEMENT</b>		
<b>Section 0004</b>		<b>LANDSCAPING</b>		
0020	661E99930	PLANTING, MISC.:CONTAINER TREES AS PER PLAN (WT: 46)	SY	200.000
0021	662E30000	LANDSCAPE WATERING (WT: 46)	MGAL	1.000
<b>Total 0004</b>		<b>LANDSCAPING</b>		
<b>Section 0005</b>		<b>INCIDENTALS</b>		
0022	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0023	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0024	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0025	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0005</b>		<b>INCIDENTALS</b>		

Project Number: 210135

PID: 107660

Paulding

SR 49-00.00

E190(671)

DBE Goal: 7.0%

Date Set for Completion: 10/1/2021

Type: MINOR RECONSTRUCTION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN BENTON TOWNSHIP, PAULDING COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RECONSTRUCTING THE EDGE OF THE ROADWAY, STABILIZING THE SUBGRADE, 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	202E23000	PAVEMENT REMOVED (WT: NR)	SY	13,754.000
0002	203E10000	EXCAVATION (WT: 06)	CY	6,777.000
0003	204E45000	PROOF ROLLING (WT: NR)	HOUR	9.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0004	654E11000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.180
0005	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,338.000
0006	659E35000	WATER (WT: 46)	MGAL	4.000
0007	832E30000	EROSION CONTROL (WT: 08)	EACH	9,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0008	605E31100	AGGREGATE DRAINS (WT: 35)	FT	4,014.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0009	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.25" DEPTH (WT: 13)	SY	445.000
0010	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	9.000
0011	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	1,647.000
0012	304E20000	AGGREGATE BASE (WT: 09)	CY	2,779.000
0013	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	1,562.000

0014	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	3,105.000
0015	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	546.000
0016	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	679.000
0017	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	1,084.000
0018	690E98300	SPECIAL - SPECIAL GEOWEB (WT: 06)	SY	18,632.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0019	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	5.550
0020	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	14.000
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0021	253E02000	PAVEMENT REPAIR (WT: 16)	CY	20.000
0022	407E10000	TACK COAT (WT: 10)	GAL	20.000
0023	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	10.000
0024	616E10000	WATER (WT: NR)	MGAL	20.000
0025	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	50.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	INCIDENTALS		
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
Total	0007	INCIDENTALS		

**Project Number: 210136**  
**PID: 110219**  
**Pike**  
US 23 & Market Street Signal  
E190(570)

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Date Set for Completion: 9/30/2021  
Type: RR CROSSING PROTECTION (RRP)

Plan Cost: N/A

**FOR IMPROVING A SECTION IN PIKE COUNTY, OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY TRAFFIC SIGNAL UPGRADES, WHICH INCLUDE A RAILROAD PREEMPTIVE SIGNAL, AND RELATED WORK.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
<b>Total</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
0002	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	27.500
0003	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.500
0004	630E85000	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE (WT: NR)	EACH	1.000
0005	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0006	642E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	73.000
0007	644E00500	STOP LINE (WT: 45)	FT	84.000
<b>Total</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>TRAFFIC SIGNALS</b>		
0008	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	24.000
0009	625E29000	TRENCH (WT: 43)	FT	24.000
0010	625E32000	GROUND ROD (WT: 43)	EACH	1.000
0011	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	24.000
0012	625E76000	ARC FLASH CALCULATIONS AND LABEL - SIGNAL CONTROLLER (WT: NR)	EACH	1.000

0013	632E03200	VEHICULAR SIGNAL HEAD, OPTICALLY PROGRAMMED, 3 SECTION, 12" LENS, 1-WAY (WT: 44)	EACH	1.000
0014	632E03204	VEHICULAR SIGNAL HEAD, OPTICALLY PROGRAMMED, 5 SECTION, 12" LENS, 1-WAY (WT: 44)	EACH	1.000
0015	632E05006	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE (WT: 44)	EACH	3.000
0016	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	7.000
0017	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	700.000
0018	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	1.000
0019	632E72130	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12 (WT: 44)	EACH	1.000
0020	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM SIGNAL HEADS (WT: 44)	EACH	2.000
0021	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0022	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0023	633E99300	CONTROLLER ITEM, MISC., REPROGRAM SIGNAL CONTROLLER (WT: 44)	LS	1.000
0024	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	1.000
0025	819E10001	RAILROAD PREEMPTION INTERFACE, AS PER PLAN, LOCATE ON SP-2 (WT: 44)	EACH	1.000
0026	828E00100	LED BLANKOUT SIGN, "NO RIGHT TURN - TRAIN", 30"X24" (WT: 44)	EACH	1.000
Total 0003		TRAFFIC SIGNALS		
Section 0004	MAINTENANCE OF TRAFFIC			
0027	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	16.000
Total 0004		MAINTENANCE OF TRAFFIC		
Section 0005	INCIDENTALS			
0028	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0029	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0030	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0031	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000

0032	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0005</b>		<b>INCIDENTALS</b>		

**Project Number: 210137**  
**PID: 107682**  
**Putnam**  
US 224/SR 15/65/109/189/190  
E191(060)

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DBE Goal: 7%

Date Set for Completion: 10/31/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGES OF OTTAWA AND FORT JENNINGS, THE TOWNSHIPS OF OTTAWA AND JENNINGS, IN PUTNAM COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PAVEMENT REPAIRS, RESURFACING ASPHALT PAVEMENT, CONSTRUCTING CONCRETE WALKS, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL RELATED WORK.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section 0001</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	9,827.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	3,773.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	79.000
0004	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	400.000
0005	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	6.440
0006	608E10000	4" CONCRETE WALK (WT: 38)	SF	1,036.000
0007	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	2,695.000
0008	608E53020	DETECTABLE WARNING (WT: 38)	SF	240.000
0009	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	400.000
0010	609E26000	CURB, TYPE 6 (WT: 38)	FT	95.000
0011	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	6.000
<b>Total 0001</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section 0002</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0012	659E00300	TOPSOIL (WT: 46)	CY	5.500
0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	322.000
0014	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.200



0015	659E35000	WATER (WT: 46)	MGAL	7.000
0016	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0002		EROSION CONTROL		
Section 0003	PAVEMENT			
0017	253E02000	PAVEMENT REPAIR (WT: 16)	CY	350.000
0018	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.25" DEPTH (WT: 13)	SY	68,240.000
0019	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" DEPTH (WT: 13)	SY	48,887.000
0020	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	2,721.000
0021	304E20000	AGGREGATE BASE (WT: 09)	CY	75.000
0022	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	10,797.000
0023	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	4,251.000
0024	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	303.000
0025	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	420.000
0026	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	7,018.000
Total 0003		PAVEMENT		
Section 0004	TRAFFIC CONTROL			
0027	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	6.580
0028	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	7.260
0029	643E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	1,866.000
0030	643E00500	STOP LINE (WT: 45)	FT	1,169.000
0031	643E00600	CROSSWALK LINE (WT: 45)	FT	6,697.000
0032	643E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	3.000
0033	643E01100	SCHOOL SYMBOL MARKING, 72" (WT: 45)	EACH	3.000
0034	643E01200	PARKING LOT STALL MARKING (WT: 45)	FT	337.000
0035	643E01300	LANE ARROW (WT: 45)	EACH	71.000
Total 0004		TRAFFIC CONTROL		
Section 0005	MAINTENANCE OF TRAFFIC			
0036	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	50.000
0037	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	6.180
0038	614E21400	WORK ZONE CENTER LINE, CLASS II (WT: 39)	MILE	12.360
Total 0005		MAINTENANCE OF TRAFFIC		
Section 0006	INCIDENTALS			
0039	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000

0040	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0041	624E10000	MOBILIZATION (WT: NR)	LS	1.000
0100	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
<b>Total 0006</b>		<b>INCIDENTALS</b>		

**Project Number: 210138**

**PID: 109737**

**Richland**

**US 30-17.11**

**E190(721)**

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DBE Goal: 7.0%

Date Set for Completion: 9/30/2021

Type: MINOR WIDENING

Plan Cost: N/A

<b>FOR IMPROVING VARIOUS SECTIONS IN MIFFLIN TOWNSHIP, RICHLAND COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A DECELERATION LANE AND RELATED WORK</b>
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Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E20010	HEADWALL REMOVED (WT: NR)	EACH	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	1,130.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	644.000
0005	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	712.500
0006	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	1.000
0007	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	2.000
0008	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	3.000
0009	203E10000	EXCAVATION (WT: 06)	CY	713.000
0010	203E20000	EMBANKMENT (WT: 06)	CY	82.000
0011	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	2,021.000
0012	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0013	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	475.000
0014	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	1.000
0015	606E35006	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, BARRIER DESIGN (WT: 36)	EACH	2.000
0016	622E10160	CONCRETE BARRIER, SINGLE SLOPE, TYPE D (WT: 38)	FT	300.000

0017	622E25050	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D (WT: 38)	EACH	2.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0018	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0019	659E00300	TOPSOIL (WT: 46)	CY	95.000
0020	659E10000	SEEDING AND MULCHING (WT: 46)	SY	849.000
0021	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	43.000
0022	659E15000	INTER-SEEDING (WT: 46)	SY	43.000
0023	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.000
0024	659E31000	LIME (WT: 46)	ACRE	1.000
0025	659E35000	WATER (WT: 46)	MGAL	5.000
0026	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0027	602E20000	CONCRETE MASONRY (WT: 35)	CY	1.000
0028	605E06020	4" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	900.000
0029	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	23.000
0030	611E10400	24" CONDUIT, TYPE B, 707.33 (WT: 35)	FT	463.000
0031	611E10600	24" CONDUIT, TYPE C, 707.33 (WT: 35)	FT	188.000
0032	611E98510	CATCH BASIN, NO. 2-3 (WT: 35)	EACH	2.000
0033	611E99114	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE D (WT: 35)	EACH	3.000
0034	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0035	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3.25" (WT: 13)	SY	200.000
0036	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	470.000
0037	304E20000	AGGREGATE BASE (WT: 09)	CY	571.000
0038	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	204.000
0039	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	47.000
0040	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (PG76-22M) (1.5") (WT: 10)	CY	86.000

0041	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) (PG76-22M) (1.75") (WT: 10)	CY	100.000
0042	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	900.000
0043	690E12060	SPECIAL - PAVEMENT OVERLAY FABRIC COMPOSITE (WT: NR)	SY	250.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>LIGHTING</b>		
0044	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	17.000
0045	625E14500	LIGHT POLE FOUNDATION (WT: 43)	EACH	1.000
0046	625E24330	1-1/2" DUCT CABLE WITH THREE NO. 2 AWG 2400 VOLT CABLES (WT: 43)	FT	418.000
0047	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	43.000
0048	625E29000	TRENCH (WT: 43)	FT	401.000
0049	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	1.000
0050	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	2.000
0051	625E31510	PULL BOX REMOVED (WT: 43)	EACH	2.000
0052	625E32000	GROUND ROD (WT: 43)	EACH	1.000
0053	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	401.000
0054	625E75500	LIGHT POLE FOUNDATION REMOVED (WT: NR)	EACH	1.000
0055	625E75800	DISCONNECT CIRCUIT (WT: NR)	EACH	2.000
0056	631E92001	SIGN FLASHER ASSEMBLY, AS PER PLAN (WT: 43)	EACH	1.000
0057	631E94490	REMOVAL, MISC.: SIGN FLASHER ASSEMBLY (WT: NR)	EACH	1.000
0058	632E40300	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	116.000
0059	632E90008	PEDESTAL, 15', TRANSFORMER BASE (WT: 44)	EACH	1.000
<b>Total 0005</b>		<b>LIGHTING</b>		
<b>Section</b>	<b>0006</b>	<b>TRAFFIC CONTROL</b>		
0060	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.180
0061	644E00204	LANE LINE, 6" (WT: 45)	MILE	0.230
0062	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	100.000
0063	644E01510	DOTTED LINE, 6" (WT: 45)	FT	800.000
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0007</b>	<b>MAINTENANCE OF TRAFFIC</b>		

0064	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	1.000
0065	614E13310	BARRIER REFLECTOR, TYPE 1 (ONE WAY) (WT: NR)	EACH	31.000
0066	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	20.000
0067	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	8.000
0068	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.310
0069	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	990.000
Total 0007		MAINTENANCE OF TRAFFIC		
Section 0008	INCIDENTALS			
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	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	4.000
0073	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0074	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

**Project Number: 210139**

**PID: 85264**

**Seneca**

US 23-00.00 Resurf

E090(189)

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 BIG, SPRING, AND LOUDON, IN SENECA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PAVEMENT REPAIRS, RESURFACING ASPHALT PAVEMENT, REBUILDING GUARDRAIL, APPLYING PAVEMENT MARKINGS, AND PERFORMING STRUCTURE REPAIRS.**

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	95.000
0002	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	334.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	50.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	20.000
0005	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	2,813.000
0006	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	21.000
0007	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	4.000
0008	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	4.000
0009	203E10000	EXCAVATION (WT: 06)	CY	160.000
0010	203E20000	EMBANKMENT (WT: 06)	CY	40.000
0011	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	334.000
0012	209E15000	RESHAPING UNDER GUARDRAIL (WT: 06)	STA	39.000
0013	209E60500	LINEAR GRADING (WT: 06)	MILE	21.000
0014	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	17.180
0015	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	2,444.000
0016	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	300.000

0017	606E17360	GUARDRAIL, TYPE MGS, LONG-SPAN (WT: 36)	FT	113.000
0018	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH2016 (WT: 36)	EACH	22.000
0019	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	5.000
0020	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	3.000
0021	606E35003	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN (WT: 36)	EACH	1.000
0022	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	1.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0023	601E20000	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	SY	10.000
0024	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,254.000
0025	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.300
0026	659E35000	WATER (WT: 46)	MGAL	13.000
0027	832E30000	EROSION CONTROL (WT: 08)	EACH	10,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0028	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	20.000
0029	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	4.000
0030	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	5.000
0031	611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	EACH	2.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0032	253E02000	PAVEMENT REPAIR (WT: 16)	CY	4,366.000
0033	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 3 1/4" (WT: 13)	SY	179,543.000
0034	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	107.000
0035	304E20000	AGGREGATE BASE (WT: 09)	CY	56.000
0036	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	25,184.000
0037	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	7,401.000
0038	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	8,627.000
0039	442E20001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448), AS PER PLAN, PG76-22M (WT: 10)	CY	191.000



0040	442E20201	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448), AS PER PLAN, PG76-22M (WT: 10)	CY	222.000
0041	609E26000	CURB, TYPE 6 (WT: 38)	FT	50.000
0042	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	2,137.000
0043	618E41000	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	MILE	21.000
0044	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	11.000
0045	874E20000	LONGITUDINAL JOINT PREPARATION (WT: 10)	FT	53,261.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0046	621E00100	RPM (WT: 41)	EACH	798.000
0047	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	765.000
0048	626E00116	BARRIER REFLECTOR, TYPE 5, BIDIRECTIONAL (WT: NR)	EACH	105.000
0049	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	6.000
0050	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	20.050
0051	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	10.050
0052	644E00500	STOP LINE (WT: 45)	FT	171.000
0053	644E40000	SPEED MEASUREMENT MARKING (WT: 45)	EACH	2.000
0054	690E98400	SPECIAL - ROAD WEATHER INFORMATION SENSOR (WT: NR)	LS	1.000
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>TRAFFIC SIGNALS</b>		
0055	632E90400	SIGNALIZATION, MISC.:UNLASH AND RELASH MESSENGER WIRE (WT: 44)	EACH	1.000
0056	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	2.000
<b>Total 0006</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section</b>	<b>0007</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0057	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	50.000
0058	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	44.000
0059	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	5.000
0060	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	5.000
0061	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	30.120
0062	614E21400	WORK ZONE CENTER LINE, CLASS II (WT: 39)	MILE	30.120

0063	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	513.000
0064	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	513.000

**Total 0007 MAINTENANCE OF TRAFFIC**

<b>Section 0008</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (SEN-23-0764)</b>			
0065	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	LS	1.000
0066	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	80.000
0067	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	166.000
0068	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	134.000
0069	304E20000	AGGREGATE BASE (WT: 09)	CY	23.000
0070	503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 29)	LS	1.000
0071	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	2,844.000
0072	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	100.000
0073	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	332.000
0074	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	8.000
0075	511E44110	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING (WT: 29)	CY	6.000
0076	512E10050	SEALING OF CONCRETE SURFACES (NON- EPOXY) (WT: 57)	SY	33.000
0077	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	9.000
0078	516E31000	JOINT SEALER, 705.04 (WT: 29)	FT	68.000
0079	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	47.840
0080	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 29)	CY	10.000
0081	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 29)	FT	43.000
0082	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	30.000
0083	526E10000	REINFORCED CONCRETE APPROACH SLABS (T=12") (WT: 29)	SY	134.000
0084	526E90010	TYPE A INSTALLATION (WT: 29)	FT	92.000
0085	848E10201	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN, 2" THICK (WT: 29)	SY	86.000

0086	848E20000	SURFACE PREPARATION USING HYDRODEMOLITION (WT: 30)	SY	86.000
0087	848E30201	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY, AS PER PLAN (WT: 29)	CY	2.000
0088	848E50000	HAND CHIPPING (WT: 29)	SY	15.000
0089	848E50100	TEST SLAB (WT: 29)	LS	1.000
<b>Total 0008      STRUCTURE 20 FOOT SPAN AND UNDER (SEN-23-0764)</b>				
<b>Section 0009      STRUCTURE 20 FOOT SPAN AND UNDER (SEN-23-0838)</b>				
0090	516E31200	SPECIAL - SAWING AND SEALING BITUMINOUS CONCRETE JOINTS (WT: NR)	FT	96.000
<b>Total 0009      STRUCTURE 20 FOOT SPAN AND UNDER (SEN-23-0838)</b>				
<b>Section 0010      INCIDENTALS</b>				
0091	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0092	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0093	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0094	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0010      INCIDENTALS</b>				

**Project Number: 210140**

**PID: 87660**

**Stark**

SR 687-00.91

E180(810)

DBE Goal: 7.0%

Date Set for Completion: 6/30/2022

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING A SECTION OF JACKSON TOWNSHIP, OF STARK COUNTY, OF OHIO BY REMOVING YOST ST NW (FROM ARMANDALE AVE NW TO FLEETWOOD AVE NW) AND CONSTRUCTING A NEW EXTENSION OF ARMANDALE AVE NW (FROM FULTON DR NW TO YOST ST NW). PROJECT INCLUDES WIDENING AND RESURFACING FULTON DR NW ( SR-687) TO ADD LEFT TURN LANES AT THE INTERSECTION OF FLEETWOOD AVE AS WELL AS A RIGHT TURN LANE ON CR-227. PROJECT ALSO INCLUDES INSTALLATION OF A NEW STORM SEWER SYSTEM, CURB & GUTTER, AND OTHER RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	4,861.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	722.000
0004	202E32001	CURB REMOVED, AS PER PLAN (WT: NR)	FT	32.000
0005	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	308.000
0006	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	878.000
0007	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	14.000
0008	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 12" (WT: NR)	FT	99.000
0009	202E70110	SPECIAL - PIPE CLEANOUT, 24" AND UNDER (WT: NR)	FT	208.000
0010	202E70120	SPECIAL - PIPE CLEANOUT, 27" TO 48" (WT: NR)	FT	71.000
0011	202E75000	FENCE REMOVED (WT: NR)	FT	884.000
0012	202E98000	REMOVAL MISC.: ROCK CHANNEL PROTECTION (WT: NR)	LS	1.000
0013	202E98100	REMOVAL MISC.: COMMERCIAL STONE SIGN (WT: NR)	EACH	1.000
0014	202E98100	REMOVAL MISC.: LANDSCAPING TIMBERS (WT: NR)	EACH	3.000

0015	202E98100	REMOVAL MISC.: YARD LIGHT (WT: NR)	EACH	2.000
0016	202E98200	REMOVAL MISC.: PARTIAL BLOCK WALL (WT: NR)	FT	36.000
0017	202E98200	REMOVAL MISC.: STONE WALL (WT: NR)	FT	113.000
0018	203E10000	EXCAVATION (WT: 06)	CY	5,549.000
0019	203E20000	EMBANKMENT (WT: 06)	CY	2,525.000
0020	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	13,433.000
0021	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	1,573.000
0022	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	1,573.000
0023	204E45000	PROOF ROLLING (WT: NR)	HOUR	6.000
0024	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	2,168.000
0025	204E51000	GEOGRID (WT: 06)	SY	3,700.000
0026	623E40000	MONUMENT ASSEMBLY REMOVED AND RESET (WT: NR)	EACH	3.000
0027	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	4.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0028	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	4.000
0029	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	11.000
0030	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0031	659E00300	TOPSOIL (WT: 46)	CY	750.000
0032	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	6,768.000
0033	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	338.000
0034	659E15000	INTER-SEEDING (WT: 46)	SY	338.000
0035	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.950
0036	659E31000	LIME (WT: 46)	ACRE	1.400
0037	659E35000	WATER (WT: 46)	MGAL	38.000
0038	659E40000	MOWING (WT: 46)	MSF	16.000
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	33,125.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			

0043	602E20000	CONCRETE MASONRY (WT: 35)	CY	2.360
0044	605E11100	6" SHALLOW PIPE UNDERDRAINS (WT: 35)	FT	2,333.000
0045	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	50.000
0046	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	2,133.000
0047	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	350.000
0048	611E00900	6" CONDUIT, TYPE B, FOR DRAINAGE CONNECTION (WT: 35)	FT	100.000
0049	611E01100	6" CONDUIT, TYPE C, FOR DRAINAGE CONNECTION (WT: 35)	FT	100.000
0050	611E01400	6" CONDUIT, TYPE E, FOR DRAINAGE CONNECTION (WT: 35)	FT	100.000
0051	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	20.000
0052	611E01500	6" CONDUIT, TYPE F, FOR DRAINAGE CONNECTION (WT: 35)	FT	100.000
0053	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	703.000
0054	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	403.000
0055	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	122.000
0056	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	572.000
0057	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	265.000
0058	611E08900	21" CONDUIT, TYPE B (WT: 35)	FT	178.000
0059	611E09100	21" CONDUIT, TYPE C (WT: 35)	FT	475.000
0060	611E10400	24" CONDUIT, TYPE B (WT: 35)	FT	486.000
0061	611E10600	24" CONDUIT, TYPE C (WT: 35)	FT	601.000
0062	611E13400	30" CONDUIT, TYPE B (WT: 35)	FT	593.000
0063	611E13600	30" CONDUIT, TYPE C (WT: 35)	FT	36.000
0064	611E16400	36" CONDUIT, TYPE B (WT: 35)	FT	14.000
0065	611E16600	36" CONDUIT, TYPE C (WT: 35)	FT	10.000
0066	611E19400	42" CONDUIT, TYPE B (WT: 35)	FT	79.000
0067	611E19600	42" CONDUIT, TYPE C (WT: 35)	FT	256.000
0068	611E52202	14" X 23" CONDUIT, TYPE B, 706.04 (WT: 35)	FT	50.000
0069	611E52902	34" X 53" CONDUIT, TYPE B, 706.04 (WT: 35)	FT	78.000
0070	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	5.000
0071	611E98151	CATCH BASIN, NO. 3, AS PER PLAN (WT: 35)	EACH	2.000
0072	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	18.000
0073	611E98181	CATCH BASIN, NO. 3A, AS PER PLAN (WT: 35)	EACH	7.000
0074	611E98230	CATCH BASIN, NO. 4 (WT: 35)	EACH	2.000
0075	611E98371	CATCH BASIN, NO. 6, AS PER PLAN (WT: 35)	EACH	1.000

0076	611E98450	CATCH BASIN, NO. 2-2A (WT: 35)	EACH	2.000
0077	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	7.000
0078	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	13.000
0079	611E99575	MANHOLE, NO. 3, AS PER PLAN (WT: 35)	EACH	1.000
0080	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	3.000
0081	895E10040	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 4 (WT: 35)	EACH	1.000

**Total 0003 DRAINAGE**

Section	0004	PAVEMENT		
0082	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (3" TYPICAL, 5" MAXIMUM) (WT: 13)	SY	6,839.000
0083	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	1,504.000
0084	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	2,148.000
0085	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	2,132.000
0086	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22 (WT: 10)	CY	638.000
0087	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	992.000
0088	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	8.000
0089	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	420.000
0090	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	35.000
0091	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	4,733.000
0092	609E26000	CURB, TYPE 6 (WT: 38)	FT	677.000

**Total 0004 PAVEMENT**

Section	0005	WATER WORK		
0093	638E00600	6" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS (WT: 35)	FT	17.000
0094	638E01201	8" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS, AS PER PLAN (WT: 35)	FT	44.000
0095	638E02401	12" WATERMAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS, AS PER PLAN (WT: 35)	FT	78.000
0096	638E06200	POLYETHYLENE ENCASEMENT (WT: 35)	FT	139.000
0097	638E07800	6" GATE VALVE AND VALVE BOX (WT: 35)	EACH	1.000

0098	638E08620	12" INSERTING VALVE AND VALVE BOX (WT: 35)	EACH	2.000
0099	638E09400	8" X 8" TAPPING SLEEVE, VALVE AND VALVE BOX (WT: 35)	EACH	1.000
0100	638E10200	6" FIRE HYDRANT (WT: 35)	EACH	1.000
0101	638E10300	FIRE HYDRANT EXTENDED AND ADJUSTED TO GRADE (WT: 35)	EACH	4.000
0102	638E10400	FIRE HYDRANT ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0103	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	15.000
0104	638E98000	WATER WORK, MISC.: 1" WATER SERVICE CONNECTION, LONG SIDE (WT: 35)	EACH	1.000
0105	638E98000	WATER WORK, MISC.: 1" WATER SERVICE CONNECTION, SHORT SIDE (WT: 35)	EACH	2.000
0106	638E98000	WATER WORK, MISC.: CUT-IN 1" CURB STOP AND BOX (WT: 35)	EACH	2.000
0107	638E98000	WATER WORK, MISC.: CUT-IN 3/4" CURB STOP AND BOX (WT: 35)	EACH	4.000
0108	638E98600	WATER WORK, MISC.: 8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C909 (WT: 35)	FT	470.000
Total 0005		WATER WORK		
Section 0006	SANITARY SEWER			
0109	611E00901	6" CONDUIT, TYPE B, AS PER PLAN (WT: 35)	FT	30.000
0110	611E01801	8" CONDUIT, TYPE B, AS PER PLAN (WT: 35)	FT	26.000
0111	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000
Total 0006		SANITARY SEWER		
Section 0007	LIGHTING			
0112	625E17960	BRACKET ARM, 8' (WT: 43)	EACH	4.000
0113	625E26250	LUMINAIRE, CONVENTIONAL TYPE II, LED, 200 W EQUIVALENT, 8,500 - 12,000 LUMENS (WT: 43)	EACH	4.000
0114	632E40300	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	640.000
Total 0007		LIGHTING		
Section 0008	TRAFFIC CONTROL			
0115	621E00100	RPM (WT: 41)	EACH	64.000
0116	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	586.000



0117	630E08520	STREET NAME SIGN SUPPORT, NO. 3 POST (WT: 42)	FT	56.000
0118	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	5.000
0119	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	8.000
0120	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	243.600
0121	630E80500	SIGN, DOUBLE FACED, STREET NAME (WT: 42)	EACH	12.000
0122	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	26.000
0123	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	5.000
0124	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	25.000
0125	630E86010	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION (WT: 42)	EACH	3.000
0126	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	7.000
0127	630E87520	REMOVAL OF POLE MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0128	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.260
0129	644E00204	LANE LINE, 6" (WT: 45)	MILE	0.600
0130	644E00300	CENTER LINE (WT: 45)	MILE	0.690
0131	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	1,299.000
0132	644E00500	STOP LINE (WT: 45)	FT	79.000
0133	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	448.000
0134	644E00900	ISLAND MARKING (WT: 45)	SF	50.000
0135	644E01300	LANE ARROW (WT: 45)	EACH	26.000
0136	644E01510	DOTTED LINE, 6" (WT: 45)	FT	405.000
0137	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	241.000
0138	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	5.000

**Total 0008      TRAFFIC CONTROL**

<b>Section</b>	<b>0009</b>	<b>TRAFFIC SIGNALS</b>		
0139	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	18.000
0140	625E25700	CONDUIT, 6", 725.04 (WT: 43)	FT	22.000
0141	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 3" (WT: 43)	FT	256.000
0142	625E29000	TRENCH (WT: 43)	FT	18.000
0143	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	2.000
0144	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	1.000

0145	625E32000	GROUND ROD (WT: 43)	EACH	5.000
0146	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	18.000
0147	625E76000	ARC FLASH CALCULATIONS AND LABEL (SR 687 / BRUNNERDALE) (WT: NR)	EACH	1.000
0148	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	3.000
0149	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	5.000
0150	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	8.000
0151	632E30200	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES (WT: 44)	FT	350.000
0152	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	FT	350.000
0153	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	50.000
0154	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	665.000
0155	632E64000	STRAIN POLE FOUNDATION (WT: 44)	EACH	4.000
0156	632E69200	POWER CABLE, 2 CONDUCTOR, NO. 4 AWG (WT: 44)	FT	28.000
0157	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0158	632E87140	COMBINATION STRAIN POLE, TYPE TC-81.11, DESIGN 12 (WT: 44)	EACH	4.000
0159	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	1.000
0160	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	1.000
0161	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0162	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	1.000
0163	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0164	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	2.000
0165	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0166	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
0167	809E69200	EMERGENCY VEHICLE PREEMPTION (WT: 44)	EACH	1.000
0168	809E69210	PREEMPT RECEIVING UNIT (WT: 44)	EACH	4.000
0169	809E69220	PREEMPT DETECTOR CABLE (WT: 44)	FT	524.000

0170	809E69230	PREEMPT PHASE SELECTOR (WT: 44)	EACH	1.000
0171	809E69240	PREEMPT CONFIRMATION LIGHT (WT: 44)	EACH	4.000
<b>Total 0009</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section 0010</b>	<b>MAINTENANCE OF TRAFFIC</b>			
0172	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	33.000
0173	410E13000	TRAFFIC COMPACTED SURFACE, TYPE C (WT: NR)	CY	16.000
0174	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
0175	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	EACH	1.000
0176	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0177	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	10.000
0178	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	6.000
0179	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	12.000
0180	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	1.660
0181	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	2.390
0182	614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	2,224.000
0183	614E24200	WORK ZONE DOTTED LINE, CLASS I, 4", 642 PAINT (WT: 39)	FT	213.000
0184	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	66.000
0185	614E30200	WORK ZONE ARROW, CLASS I, 642 PAINT (WT: 39)	EACH	27.000
0186	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 10)	LS	1.000
0187	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	811.000
0188	616E10000	WATER (WT: NR)	MGAL	53.000
<b>Total 0010</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0011</b>	<b>INCIDENTALS</b>			
0189	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0190	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0191	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	12.000
0192	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000

0193	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0011</b>		<b>INCIDENTALS</b>		

**Project Number: 210141**  
**PID: 102930**  
**Wood**  
 IR 75-13.32/15.34 Bridge Rehab.  
 E190(987)

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DBE Goal: 10.0%  
 Date Set for Completion: 8/2/2021  
 Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF BOWLING GREEN, TOWNSHIP OF CENTER, IN WOOD COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING TWO BRIDGE DECKS AND PERFORMING ALL RELATED BRIDGE REPAIR AND ROADWAY WORK.**

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	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	5,950.000
0003	202E75000	FENCE REMOVED (WT: NR)	FT	128.000
0004	203E10000	EXCAVATION (WT: 06)	CY	1,439.000
0005	203E20000	EMBANKMENT (WT: 06)	CY	626.000
0006	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	3,245.000
0007	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	5,612.500
0008	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	4.000
0009	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	4.000
0010	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	8.000
0011	607E15000	FENCE, TYPE 47 (WT: 37)	FT	112.000
0012	607E20000	FENCE, TYPE CL (WT: 37)	FT	16.000
0013	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0014	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	310.000

0015	659E00300	TOPSOIL (WT: 46)	CY	282.000
0016	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,538.000
0017	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.360
0018	659E31000	LIME (WT: 46)	ACRE	0.530
0019	659E35000	WATER (WT: 46)	MGAL	15.000
0020	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0021	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0022	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0023	832E30000	EROSION CONTROL (WT: 08)	EACH	25,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0024	605E31100	AGGREGATE DRAINS (WT: 35)	FT	117.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0025	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE DEPTH 1/2" TO 2" (WT: 13)	SY	1,157.000
0026	301E46000	ASPHALT CONCRETE BASE, PG64-22, 8" (WT: 10)	CY	577.000
0027	304E20000	AGGREGATE BASE, 6" (WT: 09)	CY	517.000
0028	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	390.000
0029	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, 2" (WT: 10)	CY	208.000
0030	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), 1-1/2" (WT: 10)	CY	112.000
0031	609E24510	CURB, TYPE 4-C (WT: 38)	FT	112.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0032	626E00116	BARRIER REFLECTOR, TYPE 5, BI- DIRECTIONAL (WT: NR)	EACH	113.000
0033	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.680
0034	646E10200	CENTER LINE (WT: 45)	MILE	0.340
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0035	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	200.000
0036	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000

0037	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	12.000
<b>Total 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0007</b>	<b>STRUCTURE OVER 20 FOOT SPAN (WOO-75-1332)</b>		
0038	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0039	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	150.000
0040	503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 29)	LS	1.000
0041	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	35,508.000
0042	509E30020	NO. 4 GFRP DEFORMED BARS (WT: 23)	FT	14,765.000
0043	509E30030	NO. 5 GFRP DEFORMED BARS (WT: 23)	FT	58,827.000
0044	509E30040	NO. 6 GFRP DEFORMED BARS (WT: 23)	FT	16,686.000
0045	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	328.000
0046	511E33501	SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN (WT: 21)	EACH	2.000
0047	511E34447	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN (WT: 21)	CY	307.000
0048	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	102.000
0049	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 29)	CY	52.000
0050	512E10051	SEALING OF CONCRETE SURFACES (NON- EPOXY), AS PER PLAN (WT: 57)	SY	878.000
0051	512E44400	TYPE B WATERPROOFING (WT: 40)	SY	13.000
0052	512E71500	SPECIAL - URETHANE TOP COAT SEALER (WT: 57)	SY	135.000
0053	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	4,200.000
0054	513E95030	STRUCTURAL STEEL, MISC.:DRILLED HOLES (WT: 24)	EACH	32.000
0055	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	12,600.000
0056	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	12,600.000
0057	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	12,600.000
0058	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	12,600.000
0059	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	21.000
0060	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	13.000

0061	516E10010	ARMORLESS PREFORMED JOINT SEAL (WT: 27)	FT	57.000
0062	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	17.000
0063	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	222.000
0064	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 27)	FT	90.000
0065	516E44301	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (13"x18"x4.336" w/ 14"x19"x1.5" LOAD PLATE (WT: 21)	EACH	8.000
0066	516E44301	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (16"x23"x4.336" w/ 17"x24"x2" LOAD PLATE (WT: 21)	EACH	12.000
0067	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0068	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 29)	CY	38.000
0069	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	75.000
0070	518E40011	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN (WT: NR)	FT	35.000
0071	526E25000	REINFORCED CONCRETE APPROACH SLABS (T=15") (WT: 29)	SY	163.000
0072	526E90030	TYPE C INSTALLATION (WT: 29)	FT	57.000
0073	530E00600	SPECIAL - STRUCTURES (GLASS FIBER REINFORCED WRAP SYSTEM) (WT: 29)	SF	1,175.000
0074	530E13000	SPECIAL - FORM LINER (WT: 29)	SF	2,325.000
0075	607E39901	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN (WT: 37)	FT	490.000
0076	625E33000	STRUCTURE GROUNDING SYSTEM (WT: 43)	EACH	1.000
0077	844E10001	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN (WT: 29)	SF	183.000

**Total 0007      STRUCTURE OVER 20 FOOT SPAN (WOO-75-1332)**

<b>Section 0008</b>	<b>STRUCTURE OVER 20 FOOT SPAN (WOO-75-1534)</b>			
0078	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0079	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	110.000
0080	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	110.000
0081	503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 29)	LS	1.000



0082	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	30,253.000
0083	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	100.000
0084	509E30020	NO. 4 GFRP DEFORMED BARS (WT: 23)	FT	16,327.000
0085	509E30030	NO. 5 GFRP DEFORMED BARS (WT: 23)	FT	63,528.000
0086	509E30040	NO. 6 GFRP DEFORMED BARS (WT: 23)	FT	17,749.000
0087	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	52.000
0088	511E33501	SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN (WT: 21)	EACH	2.000
0089	511E34447	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN (WT: 21)	CY	339.000
0090	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	94.000
0091	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 29)	CY	4.000
0092	511E81300	CONCRETE, MISC.: EMBEDDED GALVANIC ANODE (WT: 29)	EACH	20.000
0093	512E10051	SEALING OF CONCRETE SURFACES (NON-EPOXY), AS PER PLAN (WT: 57)	SY	945.000
0094	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	6,075.000
0095	514E21001	FIELD PAINTING OF DAMAGED STRUCTURAL STEEL, AS PER PLAN (WT: 26)	LS	1.000
0096	516E10010	ARMORLESS PREFORMED JOINT SEAL (WT: 27)	FT	69.000
0097	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	70.000
0098	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	103.000
0099	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 27)	FT	93.000
0100	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (12"x16"x3.761" w/ 13"x17"x1.5" LOAD PLATE) (WT: 21)	EACH	10.000
0101	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (14"x21"x3.187" w/ 15"x22"x2" LOAD PLATE) (WT: 21)	EACH	5.000
0102	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (14"x21"x3.187" w/ 15"x22"xVARIES LOAD PLATE) (WT: 21)	EACH	10.000

0103	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0104	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 29)	CY	18.000
0105	526E25000	REINFORCED CONCRETE APPROACH SLABS (T=15") (WT: 29)	SY	187.000
0106	526E90030	TYPE C INSTALLATION (WT: 29)	FT	69.000
0107	530E13000	SPECIAL - FORM LINER (WT: 29)	SF	2,150.000
0108	607E39901	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN (WT: 37)	FT	450.000
0109	625E33000	STRUCTURE GROUNDING SYSTEM (WT: 43)	EACH	1.000
<b>Total 0008</b>	<b>STRUCTURE OVER 20 FOOT SPAN (WOO-75-1534)</b>			
<b>Section 0009</b>	<b>INCIDENTALS</b>			
0110	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0111	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0112	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0113	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0009</b>	<b>INCIDENTALS</b>			

**Project Number: 210142**

**PID: 109369**

**Auglaize**

**ODNR St Marys FH CHIP**

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Date Set for Completion: 9/1/2021

Type: CHIP SEAL

Plan Cost: N/A

<b>FOR IMPROVING A SECTION OF ST. MARYS TOWNSHIP, OF AUGLAIZE COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING A SINGLE CHIP SEAL ON THE MAIN DRIVE AND OTHER DESIGNATED AREAS OF THE ST. MARYS FISH HATCHERY, INCLUDING OTHER RELATED WORK.</b>
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Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>PAVEMENT</b>		
0001	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	250.000
0002	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	462.000
0003	422E11000	AGGREGATE, SINGLE CHIP SEAL, TYPE A (WT: 11)	SY	17,374.000
0004	422E25001	EMULSION, CHIP SEAL, AS PER PLAN (WT: 11)	GAL	6,950.000
<b>Total</b>	<b>0001</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0002</b>	<b>INCIDENTALS</b>		
0005	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0006	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0007	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total</b>	<b>0002</b>	<b>INCIDENTALS</b>		

**Project Number: 210143**

**PID: 110324**

**Belmont**

**SR 7-11.48**

EDGE Goal: 10.0%

Date Set for Completion: 10/31/2021

Type: BRIDGE REPAIR

Plan Cost: \$48.00

**FOR IMPROVING BEL-7-11.48 IN BELMONT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RECONSTRUCTING BRIDGE NO. BEL-7-1152C BY REPLACING THE DECK ON EXISTING I-BEAMS, RECONSTRUCTING THE ABUTMENTS AND EXPANSION JOINTS AND PERFORMING OTHER RELATED REPAIRS, (SPANS: 85', 85', 64', 64', 46'; ROADWAY: 34' LEFT AND 35'-6" RIGHT, TOE/TOE OF PARAPETS), OVER CR 7 AND WEDGE CREEK. AND, RECONSTRUCT BRIDGE NOS. BEL-7-1187C AND BEL-7-1279C BY REPLACING EXPANSION JOINTS, REPAIRING THE CONCRETE DECK AND APPROACH SLABS AND OVERLAYING THE STRUCTURES WITH ASPHALT.**

<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	446.000
0003	202E30700	CONCRETE BARRIER REMOVED (WT: NR)	FT	1,685.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,528.000
0005	202E75000	FENCE REMOVED (WT: NR)	FT	64.000
0006	203E10000	EXCAVATION (WT: 06)	CY	29.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	144.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,342.000
0009	204E45000	PROOF ROLLING (WT: NR)	hour	2.000
0010	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	1,212.500
0011	606E15250	GUARDRAIL, TYPE MGS QUARTER POST SPACING (WT: 36)	FT	100.000
0012	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	2.000
0013	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	6.000
0014	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	3.000
0015	607E23000	FENCE, TYPE CLT (WT: 37)	FT	64.000

0016	607E70000	FENCELINE SEEDING AND MULCHING (WT: 46)	FT	64.000
0017	622E10100	CONCRETE BARRIER, SINGLE SLOPE, TYPE B1 (WT: 38)	FT	1,381.000
0018	622E10200	BARRIER TRANSITION (WT: 38)	EACH	7.000
0019	622E25006	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1 (WT: 38)	EACH	8.000
0020	622E25007	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1, AS PER PLAN (WT: 38)	EACH	1.000
0021	622E25020	CONCRETE BARRIER, END ANCHORAGE, REINFORCED (WT: 38)	EACH	1.000

**Total 0001 ROADWAY**

**Section 0002 EROSION CONTROL**

0022	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	4.000
0023	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0024	659E00300	TOPSOIL (WT: 46)	CY	867.000
0025	659E10000	SEEDING AND MULCHING (WT: 46)	SY	7,807.000
0026	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	390.000
0027	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.050
0028	659E31000	LIME (WT: 46)	ACRE	1.610
0029	659E35000	WATER (WT: 46)	MGAL	42.000
0030	832E30000	EROSION CONTROL (WT: 08)	EACH	22,766.000

**Total 0002 EROSION CONTROL**

**Section 0003 DRAINAGE**

0031	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.300
0032	605E11110	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	72.000
0033	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	126.000
0034	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	235.000
0035	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	13.000
0036	611E06700	15" CONDUIT, TYPE F (WT: 35)	FT	127.000
0037	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	1.000
0038	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000
0039	611E99900	DRAINAGE STRUCTURE, MISC.: INLET, NO. 4 FOR SINGLE SLOPE BARRIER, TYPE B1, AS PER PLAN (WT: 35)	EACH	1.000

Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0040	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	157.000
0041	304E20000	AGGREGATE BASE (WT: 09)	CY	261.000
0042	407E10000	TACK COAT (WT: 10)	GAL	2,439.000
0043	442E20001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	1,214.000
0044	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) (WT: 10)	CY	185.000
0045	609E24510	CURB, TYPE 4-C (WT: 38)	FT	249.000
0046	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	3.220
Total 0004		PAVEMENT		
Section	0005	LIGHTING		
0047	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 43)	FT	20.000
0048	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	14.000
0049	625E23200	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	1,238.000
0050	625E25403	CONDUIT, 2", 725.05, AS PER PLAN (WT: 43)	FT	361.000
0051	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	208.000
0052	625E25910	CONDUIT CLEANED AND CABLES REMOVED (WT: 43)	FT	50.000
0053	625E29000	TRENCH (WT: 43)	FT	208.000
0054	625E29900	JUNCTION BOX (WT: 43)	EACH	3.000
0055	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	5.000
0056	625E31510	PULL BOX REMOVED (WT: 43)	EACH	4.000
0057	625E33000	STRUCTURE GROUNDING SYSTEM (WT: 43)	EACH	1.000
0058	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	208.000
0059	625E37001	SERVICE TO UNDERPASS LIGHTING, AS PER PLAN (WT: 43)	LS	1.000
0060	625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	LS	1.000
0061	625E40010	SPECIAL - REPLACEMENT OF EXISTING LIGHTING UNIT (WT: 43)	EACH	1.000
0062	625E75801	DISCONNECT CIRCUIT, AS PER PLAN (WT: 43)	EACH	2.000
Total 0005		LIGHTING		

Section 0006		TRAFFIC CONTROL		
0063	621E00100	RPM (WT: 41)	EACH	250.000
0064	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	236.000
0065	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	58.000
0066	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	5.000
0067	630E85600	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND REERECTION (WT: 42)	EACH	1.000
0068	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
0069	646E10010	EDGE LINE, 6" (WT: 45)	MILE	7.970
0070	646E10110	LANE LINE, 6" (WT: 45)	MILE	4.120
0071	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	1,907.000
0072	646E10620	CHEVRON MARKING (WT: 45)	FT	223.000
Total 0006		TRAFFIC CONTROL		
Section 0007		MAINTENANCE OF TRAFFIC		
0073	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
0074	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	9.000
0075	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0076	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	10.000
0077	614E12756	WORK ZONE CROSSOVER LIGHTING SYSTEM (WT: 39)	EACH	3.000
0078	614E12801	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN (WT: 39)	EACH	290.000
0079	614E13310	BARRIER REFLECTOR, TYPE 1, ONE-WAY (WT: NR)	EACH	839.000
0080	614E13312	BARRIER REFLECTOR, TYPE 2, ONE-WAY (WT: NR)	EACH	133.000
0081	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	582.000
0082	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	407.000
0083	614E20056	WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT (WT: 39)	MILE	4.120
0084	614E22056	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT (WT: 39)	MILE	23.270
0085	614E23110	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT (WT: 39)	FT	2,507.000

0086	614E24102	WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT (WT: 39)	FT	2,211.000
0087	615E20001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN (WT: 10)	SY	13,875.000
0088	616E10000	WATER (WT: NR)	MGAL	15.000
0089	622E41011	PORTABLE BARRIER, 50", AS PER PLAN (WT: 39)	FT	19,560.000
0090	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	600.000
0091	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	530.000
0092	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	33.000

**Total 0007 MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0008</b>	<b>STRUCTURE REPAIR (BEL-7-1187C)</b>		
0093	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0094	202E23500	WEARING COURSE REMOVED, ASPHALT (WT: NR)	SY	209.000
0095	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 29)	LS	1.000
0096	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	6,882.000
0097	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	100.000
0098	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 29)	EACH	40.000
0099	511E34446	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (WT: 29)	CY	27.000
0100	511E81300	CONCRETE, MISC.:EMBEDDED GALVANIC ANODE (EGA) (WT: 29)	EACH	164.000
0101	512E10101	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN (WT: 57)	SY	468.000
0102	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	4,658.000
0103	513E10001	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 24)	LS	1.000
0104	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	137.000
0105	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	137.000
0106	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	137.000
0107	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	137.000



0108	514E00504	GRINDING FINES, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	2.000
0109	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	1.000
0110	514E27700	FIELD PAINTING, MISC.:ZINC RICH PRIMER (WT: 26)	SF	1,706.000
0111	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	FT	153.000
0112	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	85.000
0113	516E31010	2" DEEP JOINT SEALER (WT: NR)	FT	280.000
0114	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	9.000
0115	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0116	518E12801	SCUPPER, MODIFICATION, AS PER PLAN (WT: 29)	EACH	30.000
0117	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	982.000
0118	520E10001	PNEUMATICALLY PLACED CONCRETE SHOTCRETE, AS PER PLAN (WT: 29)	SF	1,690.000
0119	601E20000	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	SY	61.000
0120	844E10001	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN (WT: 29)	SF	50.000
<b>Total 0008      STRUCTURE REPAIR (BEL-7-1187C)</b>				
<b>Section</b>	<b>0009</b>	<b>STRUCTURE REPAIR (BEL-7-1279C)</b>		
0121	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0122	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	389.000
0123	503E21300	UNCLASSIFIED EXCAVATION (WT: 29)	LS	1.000
0124	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	51,618.000
0125	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	200.000
0126	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 29)	EACH	492.000
0127	511E32212	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (WT: 29)	CY	188.000
0128	511E81300	CONCRETE, MISC.:EMBEDDED GALVANIC ANODE (EGA) (WT: 29)	EACH	196.000
0129	512E10101	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE), AS PER PLAN (WT: 57)	SY	387.000

0130	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	7,189.000
0131	514E27700	FIELD PAINTING, MISC.:ZINC RICH PRIMER (WT: 26)	SF	1,267.000
0132	516E12300	STRIP SEAL EXPANSION JOINT ANCHORED WITH ELASTOMERIC CONCRETE (WT: 27)	FT	510.000
0133	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	126.000
0134	516E31010	2" DEEP JOINT SEALER (WT: NR)	FT	822.000
0135	518E12801	SCUPPER, MODIFICATION, AS PER PLAN (WT: 29)	EACH	89.000
0136	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	81.000
0137	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	1,000.000
0138	520E10001	PNEUMATICALLY PLACED CONCRETE SHOTCRETE, AS PER PLAN (WT: 29)	SF	1,250.000
0139	526E25000	REINFORCED CONCRETE APPROACH SLABS (T=15") (WT: 29)	SY	388.000
0140	526E90010	TYPE A INSTALLATION (WT: 29)	FT	140.000
0141	601E20000	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	SY	10.000
0142	844E10001	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN (WT: 29)	SF	287.000

**Total 0009      STRUCTURE REPAIR (BEL-7-1279C)**

<b>Section</b>	<b>0010</b>	<b>STRUCTURE OVER 20 FOOT SPAN (BEL-7-1152C)</b>		
0143	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0144	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	296.000
0145	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	296.000
0146	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 29)	LS	1.000
0147	503E21300	UNCLASSIFIED EXCAVATION (WT: 29)	LS	1.000
0148	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	294,922.000
0149	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	100.000
0150	509E30020	NO. 4 GFRP DEFORMED BARS (WT: 23)	FT	10,642.000
0151	509E30040	NO. 6 GFRP DEFORMED BARS (WT: 23)	FT	11,967.000
0152	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 29)	EACH	209.000
0153	511E34446	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (WT: 29)	CY	837.000

0154	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	288.000
0155	511E44112	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING (WT: 21)	CY	100.000
0156	511E81300	CONCRETE, MISC.:EMBEDDED GALVANIC ANODES (EGA) (WT: 29)	EACH	3,452.000
0157	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	4,434.000
0158	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	85.000
0159	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	71.000
0160	516E12300	STRIP SEAL EXPANSION JOINT ANCHORED WITH ELASTOMERIC CONCRETE (WT: 27)	FT	165.000
0161	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	116.000
0162	516E43301	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE), AS PER PLAN (9"X14.5"X3.125") (WT: 21)	EACH	46.000
0163	516E43301	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE), AS PER PLAN(10"X15"X3.875") (WT: 21)	EACH	24.000
0164	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (BEARING: 9"X11.5"X2.84", LOAD PLATE: 10"X26"XVARIES) (WT: 21)	EACH	24.000
0165	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (BEARING: 8"X24"X3.223", LOAD PLATE: 9"X26"X2.16") (WT: 21)	EACH	12.000
0166	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (BEARING: 8.5"X20"X3.198", LOAD PLATE: 9.5"X22"X1.18") (WT: 21)	EACH	12.000
0167	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (BEARING: 9"X14.5"X3.125", LOAD PLATE: 11"X26"XVARIES) (WT: 21)	EACH	2.000
0168	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0169	518E12301	SCUPPERS, INCLUDING SUPPORTS, AS PER PLAN (WT: 21)	EACH	10.000
0170	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	80.000
0171	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	85.000

0172	526E25011	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN (WT: 29)	SY	407.000
0173	526E90010	TYPE A INSTALLATION (WT: 29)	FT	165.000
0174	601E20000	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	SY	180.000
0175	601E34200	ROCK CHANNEL PROTECTION, TYPE C WITHOUT FILTER (WT: 35)	CY	397.000
0176	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (WT: 29)	SF	12.000
0177	844E10001	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN (WT: 29)	SF	27.000
Total 0010		STRUCTURE OVER 20 FOOT SPAN (BEL-7-1152C)		
Section 0011	INCIDENTALS			
0178	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0179	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0180	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0181	619E16020	FIELD OFFICE, TYPE C (WT: NR)	MNTH	6.000
0182	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0183	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0011		INCIDENTALS		

**Project Number: 210144**  
**PID: 107427**  
**Champaign**  
SR-SR 29/SR 296-10.08/00.00

EDGE Goal: 6.0%  
Date Set for Completion: 7/1/2021  
Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS WITHIN THE CITY OF URBANA, CONCORD, SALEM, AND WAYNE TOWNSHIPS, OF CHAMPAIGN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING A 2" THICK ASPHALT OVERLAY ON THE SPECIFIED SECTIONS OF STATE ROUTE 29 FROM STATE ROUTE 560 (SLM 10.08) TO URBANA CITY LIMIT (SLM 18.55) AND STATE ROUTE 296 FROM STATE ROUTE 29 (SLM 0.00) TO STATE ROUTE 245 (SLM 10.52), INCLUDING ALL RELATED ITEMS OF WORK. PROJECT ALSO INCLUDES MINOR BRIDGE JOINT WORK AT VARIOUS STRUCTURES ALONG BOTH ROUTES.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section 0001</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	2,534.000
0002	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	37.980
0003	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	13.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section 0002</b>	<b>0002</b>	<b>PAVEMENT</b>		
0004	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	3,300.000
0005	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2" Depth (WT: 13)	SY	7,966.000
0006	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, Variable Depth (0" to 2") (WT: 13)	SY	1,321.000
0007	301E46001	ASPHALT CONCRETE BASE, PG64-22, AS PER PLAN (WT: 10)	CY	65.000
0008	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	41,938.000
0009	441E50100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (WT: 10)	CY	10,637.000
0010	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	6,205.000
0011	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	2,437.000

0012	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	5.090
0013	874E21000	LONGITUDINAL JOINT PREPARATION (WT: 10)	MILE	5.090
Total	0002	PAVEMENT		
Section	0003	TRAFFIC CONTROL		
0014	621E00100	RPM (WT: 41)	EACH	1,563.000
0015	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	2,044.000
0016	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	37.980
0017	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	18.990
0018	644E00500	STOP LINE (WT: 45)	FT	214.000
0019	644E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	2.000
Total	0003	TRAFFIC CONTROL		
Section	0004	MAINTENANCE OF TRAFFIC		
0020	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	159.000
0021	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	38.450
0022	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	446.000
0023	614E32210	WORK ZONE RAILROAD SYMBOL MARKING, CLASS III, 642 PAINT (WT: 39)	EACH	4.000
Total	0004	MAINTENANCE OF TRAFFIC		
Section	0005	STRUCTURE REPAIR (CHP-29-1241)		
0024	516E31001	JOINT SEALER, AS PER PLAN, 2" DEEP (WT: 29)	FT	79.000
Total	0005	STRUCTURE REPAIR (CHP-29-1241)		
Section	0006	STRUCTURE REPAIR (CHP-296-0021)		
0025	516E31001	JOINT SEALER, AS PER PLAN, 1 1/4" DEEP (WT: 29)	FT	88.000
Total	0006	STRUCTURE REPAIR (CHP-296-0021)		
Section	0007	STRUCTURE REPAIR (CHP-296-0122)		
0026	516E31001	JOINT SEALER, AS PER PLAN, 1 1/4" DEEP (WT: 29)	FT	84.000
Total	0007	STRUCTURE REPAIR (CHP-296-0122)		
Section	0008	STRUCTURE REPAIR (CHP-296-0212)		
0027	512E44400	TYPE B WATERPROOFING (WT: 40)	SY	421.000
0028	516E31001	JOINT SEALER, AS PER PLAN, 1 1/4" DEEP (WT: 29)	FT	84.000
Total	0008	STRUCTURE REPAIR (CHP-296-0212)		

<b>Section</b>	<b>0009</b>	<b>STRUCTURE REPAIR (CHP-296-0866)</b>		
0029	516E31001	JOINT SEALER, AS PER PLAN, 1 1/4" DEEP (WT: 29)	FT	74.000
<b>Total</b>	<b>0009</b>	<b>STRUCTURE REPAIR (CHP-296-0866)</b>		
<b>Section</b>	<b>0010</b>	<b>INCIDENTALS</b>		
0030	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
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</b>	<b>0010</b>	<b>INCIDENTALS</b>		

**Project Number: 210145**

**PID: 114028**

**Cuyahoga**

**IR 480-22.41 Subdeck**

EDGE Goal: 6.0%

Date Set for Completion: 8/31/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING CUY-480-22.41 IN CUYAHOGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY INSTALLING A TIMBER SUBDECK TO THE I-480 BRIDGE OVER LEE RD.**

<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>MAINTENANCE OF TRAFFIC</b>		
0001	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0002	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	80.000
0003	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	2.000
<b>Total</b>	<b>0001</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0002</b>	<b>STRUCTURE REPAIR (CUY-480-2241)</b>		
0004	530E00600	SPECIAL - STRUCTURES MISC.: TIMBER SUBDECK (WT: 29)	SF	19,596.000
<b>Total</b>	<b>0002</b>	<b>STRUCTURE REPAIR (CUY-480-2241)</b>		
<b>Section</b>	<b>0003</b>	<b>INCIDENTALS</b>		
0005	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0006	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0007	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total</b>	<b>0003</b>	<b>INCIDENTALS</b>		



**Project Number: 210146**

**PID: 111633**

**D04**

MAH, POR, STA

FEN FY2021

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Date Set for Completion: 6/30/2022

Type: FENCING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS OF ASHTABULA, MAHONING, PORTAGE, STARK, SUMMIT, AND TRUMBULL COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY INSTALLING AND REPAIRING FENCES ALONG VARIOUS ROUTES THROUGHOUT DISTRICT 4, 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	202E75001	FENCE REMOVED, AS PER PLAN (WT: NR)	FT	1,700.000
0002	202E75250	GATE REMOVED (WT: NR)	EACH	7.000
0003	202E98100	REMOVAL MISC.: TREES (WT: NR)	EACH	5.000
0004	607E15000	FENCE, TYPE 47 (WT: 37)	FT	1,460.000
0005	607E16000	FENCE REBUILT, TYPE 47 (WT: 37)	FT	1,000.000
0006	607E20000	FENCE, TYPE CL (WT: 37)	FT	600.000
0007	607E20100	FENCE, TYPE CL, MISC.: 6 FT (WT: 37)	FT	350.000
0008	607E20100	FENCE, TYPE CL, MISC.: 6 FT GATE, SWING (WT: 37)	FT	50.000
0009	607E22000	FENCE REBUILT, TYPE CL (WT: 37)	FT	600.000
0010	607E23000	FENCE, TYPE CLT (WT: 37)	FT	500.000
0011	607E23004	FENCE REBUILT, TYPE CLT (WT: 37)	FT	600.000
0012	607E30001	FENCE, SNOW, AS PER PLAN (WT: NR)	FT	50.000
0013	607E61100	GATE REBUILT, TYPE CL (WT: 37)	EACH	2.000
0014	607E61200	GATE, TYPE CLT (WT: 37)	EACH	2.000
0015	607E98000	FENCE, MISC.: BARBED WIRE (WT: 37)	FT	500.000
0016	607E98000	FENCE, MISC.: TYPE 47, GATE, SWING (WT: 37)	FT	20.000
0017	607E98000	FENCE, MISC.: TYPE CL, REBUILT, BLACK VINYL COATED (WT: 37)	FT	150.000

0018	607E98000	FENCE, MISC.: TYPE CL, TOP RAIL (WT: 37)	FT	100.000
0019	607E98000	FENCE, MISC.: TYPE CLT, BLACK VINYL COATED (WT: 37)	FT	330.000
0020	607E98000	FENCE, MISC.: TYPE CLT, REBUILT, BLACK VINYL COATED (WT: 37)	FT	250.000
0021	607E98000	FENCE, MISC.:TYPE CLT, SWING, GATE (WT: 37)	FT	20.000
0022	607E98100	FENCE, MISC.: BRACE, TYPE 47 (WT: 37)	EACH	4.000
0023	607E98100	FENCE, MISC.: CORNER, END, OR ANCHOR POST ASSEMBLY, TYPE 47 (WT: 37)	EACH	8.000
0024	607E98100	FENCE, MISC.: CORNER, END, OR ANCHOR POST ASSEMBLY, TYPE CL, 6' (WT: 37)	EACH	2.000
0025	607E98100	FENCE, MISC.: CORNER, END, OR ANCHOR POST ASSEMBLY, TYPE CLT (WT: 37)	EACH	5.000
0026	607E98100	FENCE, MISC.: CORNER, END, OR ANCHOR POST, TYPE CL (WT: 37)	EACH	15.000
0027	607E98100	FENCE, MISC.: CORNER, END, OR LINE POST, TYPE 47 (WT: 37)	EACH	3.000
0028	607E98100	FENCE, MISC.: CORNER, END, OR LINE POST, TYPE CL (WT: 37)	EACH	2.000
0029	607E98100	FENCE, MISC.: CORNER, END, OR LINE POST, TYPE CL, 6' (WT: 37)	EACH	5.000
0030	607E98100	FENCE, MISC.: CORNER, END, OR LINE POST, TYPE CLT (WT: 37)	EACH	10.000
0031	607E98100	FENCE, MISC.: GATE POST ASSEMBLY (WT: 37)	EACH	5.000
0032	607E98100	FENCE, MISC.: INTERMEDIATE ANCHOR POST ASSEMBLY, TYPE 47 (WT: 37)	EACH	5.000
0033	607E98100	FENCE, MISC.: INTERMEDIATE ANCHOR POST ASSEMBLY, TYPE CL (WT: 37)	EACH	2.000
0034	607E98100	FENCE, MISC.: INTERMEDIATE ANCHOR POST ASSEMBLY, TYPE CLT (WT: 37)	EACH	2.000
0035	607E98100	FENCE, MISC.: LINE POST, TYPE 47 (WT: 37)	EACH	15.000
0036	607E98100	FENCE, MISC.: LINE POST, TYPE CL (WT: 37)	EACH	15.000
0037	607E98100	FENCE, MISC.: LINE POST, TYPE CL, 6' (WT: 37)	EACH	2.000
0038	607E98100	FENCE, MISC.: LINE POST, TYPE CLT (WT: 37)	EACH	15.000
0039	607E98100	FENCE, MISC.: REBUILT, CORNER, END, OR ANCHOR POST ASSEMBLY, TYPE 47 (WT: 37)	EACH	3.000
0040	607E98100	FENCE, MISC.: REBUILT, CORNER, END, OR ANCHOR POST ASSEMBLY, TYPE CL (WT: 37)	EACH	4.000

0041	607E98100	FENCE, MISC.: REBUILT, CORNER, END, OR ANCHOR POST ASSEMBLY, TYPE CL, 6' (WT: 37)	EACH	2.000
0042	607E98100	FENCE, MISC.: REBUILT, CORNER, END, OR ANCHOR POST ASSEMBLY, TYPE CLT (WT: 37)	EACH	2.000
0043	607E98100	FENCE, MISC.: REBUILT, INTERMEDIATE ANCHOR POST ASSEMBLY, TYPE 47 (WT: 37)	EACH	3.000
0044	607E98100	FENCE, MISC.: REBUILT, INTERMEDIATE ANCHOR POST ASSEMBLY, TYPE CL (WT: 37)	EACH	4.000
0045	607E98100	FENCE, MISC.: REBUILT, INTERMEDIATE ANCHOR POST ASSEMBLY, TYPE CLT (WT: 37)	EACH	2.000
0046	607E98100	FENCE, MISC.: WALL OR ABUTMENT CONNECTION (WT: 37)	EACH	5.000
0047	690E98000	SPECIAL - FENCE LAYOUT STAKES (WT: 37)	EACH	5.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0048	614E13600	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A TWO LANE HIGHWAY (WT: 39)	EACH	2.000
0049	614E13700	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A FOUR LANE UNDIVIDED HIGHWAY (WT: 39)	EACH	2.000
0050	614E13800	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A 4 LANE OR GREATER DIVIDED HIGHWAY (WT: 39)	EACH	2.000
0051	614E13900	MAINTENANCE OF TRAFFIC FOR SHOULDER CLOSURE (WT: 39)	EACH	30.000
<b>Total 0002</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0003</b>	<b>INCIDENTALS</b>		
0052	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0053	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0054	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0003</b>		<b>INCIDENTALS</b>		

**Project Number: 210147**

**PID: 113319**

**D12**

**LAK**

**Noise Barrier Repair**

Date Set for Completion: 2/22/2022

Type: NOISE WALLS

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN CUYAHOGA AND LAKE COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY NOISE WALL REPAIR 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	202E75000	FENCE REMOVED (WT: NR)	FT	250.000
0003	202E98100	REMOVAL MISC.: STEEL POST REMOVAL (WT: NR)	EACH	3.000
0004	202E98400	REMOVAL MISC.: FIBERGLASS PANELS REMOVED AND DELIVERED (WT: NR)	SF	432.000
0005	202E98400	REMOVAL MISC.: NOISE BARRIER PANEL REMOVAL AND DISPOSAL (WT: NR)	SF	4,204.000
0006	606E10210	SPECIAL - NOISE BARRIER (REFLECTIVE), CONCRETE (WT: NR)	SF	904.000
0007	606E10210	SPECIAL - NOISE BARRIER (REFLECTIVE), FIBERGLASS (WT: NR)	SF	210.000
0008	606E10210	SPECIAL - NOISE BARRIER (REFLECTIVE), FIBERGLASS - RETROFIT (WT: NR)	SF	2,112.000
0009	606E10210	SPECIAL - NOISE BARRIER (REFLECTIVE), WITH INTEGRAL CAP (WT: NR)	SF	294.000
0010	606E10310	SPECIAL - NOISE BARRIER (ABSORPTIVE) (WT: NR)	SF	428.000
0011	606E10310	SPECIAL - NOISE BARRIER (ABSORPTIVE), WITH INTEGRAL CAP (WT: NR)	SF	256.000
0012	606E10810	SPECIAL - NOISE BARRIER: CONCRETE POST CAP (WT: NR)	EACH	6.000
0013	606E10810	SPECIAL - NOISE BARRIER: CONCRETE POST CAP, FINIAL (WT: NR)	EACH	2.000

0014	606E10920	SPECIAL - NOISE BARRIER, REMOVAL AND REUSE (WT: NR)	SF	408.000
0015	606E10930	SPECIAL - NOISE BARRIER: FIBERGLASS PANEL REPAIR (WT: NR)	FT	1,324.000
0016	606E10930	SPECIAL - NOISE BARRIER: J SHAPED PANEL BACKER (WT: NR)	FT	100.000
0017	607E15000	FENCE, TYPE 47 (WT: 37)	FT	290.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section 0002</b>		<b>EROSION CONTROL</b>		
0018	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section 0003</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0019	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
<b>Total 0003</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0004</b>		<b>INCIDENTALS</b>		
0020	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0021	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0022	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	6.000
0023	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0024	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0004</b>		<b>INCIDENTALS</b>		

**Project Number: 210148**

**PID: 103298**

**D12**

GEA, LAK

MOW FY2021

Date Set for Completion: 10/31/2021

Type: MOWING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN CUYAHOGA, GEAUGA, AND LAKE COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY LANDSCAPE MAINTENANCE 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>ROADWAY</b>			
0001	690E99550	SPECIAL - CELLULAR COMMUNICATION (WT: NR)	MNTH	9.000
0002	692E10100	SPECIAL - FIRST MOWING (WT: 47)	ACRE	2,216.590
0003	692E20100	SPECIAL - SECOND MOWING (WT: 47)	ACRE	2,216.590
0004	692E30100	SPECIAL - THIRD MOWING (WT: 47)	ACRE	2,216.590
0005	692E30270	SPECIAL - FOURTH MOWING (WT: 47)	ACRE	2,410.900
0006	692E35500	SPECIAL - MOWING WEEDS AND TALL GRASSES, TRIMMING, INITIAL (WT: 47)	ACRE	3.460
0007	692E35500	SPECIAL - MOWING WEEDS AND TALL GRASSES, TRIMMING, MAINTENANCE (WT: 47)	ACRE	10.380
<b>Total 0001</b>	<b>ROADWAY</b>			
<b>Section 0002</b>	<b>EROSION CONTROL</b>			
0008	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total 0002</b>	<b>EROSION CONTROL</b>			
<b>Section 0003</b>	<b>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</b>	<b>INCIDENTALS</b>			

**Project Number: 210149**  
**PID: 111514**  
**Franklin**  
Landscape Maintenance FY21

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EDGE Goal: 5.0%  
Date Set for Completion: 11/30/2021  
Type: LANDSCAPING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS WITHIN THE CITY OF COLUMBUS, OF FRANKLIN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MAINTAINING LANDSCAPING AT VARIOUS INTERSTATE INTERCHANGES, PERFORM FENCELINE MOWING, LITTER PICKUP, AND SOME HERBICIDAL SPRAYING AT VARIOUS OTHER LOCATIONS THROUGHOUT FRANKLIN COUNTY.**

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	653E10000	TOPSOIL FURNISHED AND PLACED (WT: 46)	CY	526.500
0003	654E11000	COMMERCIAL FERTILIZER (WT: 46)	TON	3.000
0004	656E10001	ROADSIDE CLEANUP, AS PER PLAN (WT: 46)	MSF	162.000
0005	659E10000	SEEDING AND MULCHING (WT: 46)	SY	24,450.000
0006	659E15000	INTER-SEEDING (WT: 46)	SY	2,445.000
0007	659E35000	WATER (WT: 46)	MGAL	100.000
0008	690E98600	SPECIAL - MISC: LITTER PICKUP (WT: NR)	HOURL	3,200.000
0009	690E99000	SPECIAL - MISC: INTERCHANGE MOWING (WT: 46)	ACRE	1,371.860
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0010	832E30000	EROSION CONTROL (WT: 08)	EACH	7,500.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>LANDSCAPING</b>		
0011	661E00501	MULCH, AS PER PLAN (WT: 46)	CY	675.000
0012	690E98000	SPECIAL - MISC: PRUNING EXISTING SHRUB, 30" SPREAD (WT: 46)	EACH	1,000.000
0013	690E99550	SPECIAL - MISC: LANDSCAPING MAINTENANCE (WT: 46)	MNTH	5.000

0014	691E10000	SPECIAL - HERBICIDAL SPRAYING, WEED AND BRUSH CONTROL FROM ROAD (WT: 49)	ACRE	4.820
<b>Total 0003</b>		<b>LANDSCAPING</b>		
<b>Section</b>	<b>0004</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0015	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	24.000
<b>Total 0004</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0005</b>	<b>INCIDENTALS</b>		
0016	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0017	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0018	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0005</b>		<b>INCIDENTALS</b>		



**Project Number: 210150**

**PID: 105405**

**Montgomery**

**BH/BP-FY21**

Date Set for Completion: 9/30/2021

Type: BRIDGE PAINTING

Plan Cost: N/A

**FOR IMPROVING A SECTION OF THE CITY OF CENTERVILLE, OF THE TOWNSHIPS OF WASHINGTON AND SUGARCREEK, OF THE STATE OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PAINTING STRUCTURAL STEEL ON VARIOUS BRIDGES, REPLACING BEARINGS, CONCRETE PATCHING, DECK EDGE REPLACEMENT, AND RAILING REPLACEMENT, 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 0001</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E32001	CURB REMOVED, AS PER PLAN (WT: NR)	FT	72.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	300.000
0004	202E98100	REMOVAL MISC.:REMOVAL OF BRIDGE ID SIGN AND REERECTION (WT: NR)	EACH	2.000
0005	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	200.000
0006	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
<b>Total 0001</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section 0002</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0007	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	4.000
0008	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,700.000
0009	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	84.000
0010	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.230
0011	659E35000	WATER (WT: 46)	MGAL	9.000
0012	832E30000	EROSION CONTROL (WT: 08)	EACH	6,000.000
<b>Total 0002</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section 0003</b>	<b>0003</b>	<b>LIGHTING</b>		
0013	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	1.000

0014	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	1.000
0015	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	2.000
0016	625E23200	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	1,120.000
0017	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	270.000
0018	625E25910	CONDUIT CLEANED AND CABLES REMOVED (WT: 43)	FT	270.000
0019	625E29000	TRENCH (WT: 43)	FT	38.000
0020	625E33000	STRUCTURE GROUNDING SYSTEM (WT: 43)	EACH	1.000
0021	625E39520	PULL BOX CLEANED (WT: 43)	EACH	1.000
0022	625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	LS	1.000
0023	625E75800	DISCONNECT CIRCUIT (WT: NR)	EACH	2.000
<b>Total</b>	<b>0003</b>	<b>LIGHTING</b>		
<b>Section</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
0024	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	8.000
<b>Total</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0005</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0025	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	440.000
0026	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	7.000
0027	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0028	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	5.000
0029	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	10.000
0030	614E13310	BARRIER REFLECTOR, TYPE 1 (ONE WAY) (WT: NR)	EACH	58.000
0031	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	58.000
0032	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000
0033	614E20200	WORK ZONE LANE LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	MILE	0.120
0034	614E22200	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	MILE	0.120
0035	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	2,420.000
<b>Total</b>	<b>0005</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0006</b>	<b>STRUCTURE REPAIR (MOT-048-0448)</b>		

0036	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	1,513.000
0037	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	2.000
0038	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	53,763.000
0039	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	53,763.000
0040	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	53,763.000
0041	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	53,763.000
0042	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	45.000
0043	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	50.000
0044	516E46201	BEARING DEVICE, ROCKER, AS PER PLAN (WT: 27)	EACH	24.000
0045	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0046	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	4.000
0047	844E10001	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN (WT: 29)	SF	92.000
<b>Total 0006      STRUCTURE REPAIR (MOT-048-0448)</b>				
<b>Section</b>	<b>0007</b>	<b>STRUCTURE REPAIR (MOT-675-0411L)</b>		
0048	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	1,685.000
0049	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	722.000
0050	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	56,248.000
0051	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	56,248.000
0052	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	56,248.000
0053	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	56,248.000
0054	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	40.000
0055	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	15.000
0056	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	5.000
<b>Total 0007      STRUCTURE REPAIR (MOT-675-0411L)</b>				

Section 0008		STRUCTURE REPAIR (MOT-675-0411R)		
0057	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	1,310.000
0058	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	588.000
0059	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	35,888.000
0060	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	35,888.000
0061	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	35,888.000
0062	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	35,888.000
0063	514E00504	GRINDING FINIS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	40.000
0064	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	11.000
0065	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	9.000
Total 0008		STRUCTURE REPAIR (MOT-675-0411R)		
Section 0009		STRUCTURE REPAIR (MOT-675-0742L)		
0066	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	776.000
0067	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	19,385.000
0068	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	19,385.000
0069	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	19,385.000
0070	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	19,385.000
0071	514E00504	GRINDING FINIS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	22.000
0072	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	14.000
0073	518E12900	SCUPPER, LENGTHENING (WT: 29)	EACH	3.000
0074	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	8.000
Total 0009		STRUCTURE REPAIR (MOT-675-0742L)		
Section 0010		STRUCTURE REPAIR (MOT-675-0742R)		
0075	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	779.000
0076	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	19,385.000

0077	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	19,385.000
0078	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	19,385.000
0079	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	19,385.000
0080	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	22.000
0081	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	14.000
0082	518E12900	SCUPPER, LENGTHENING (WT: 29)	EACH	3.000
0083	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	3.000

**Total 0010      STRUCTURE REPAIR (MOT-675-0742R)**

<b>Section</b>	<b>0011</b>	<b>STRUCTURE REPAIR (MOT-725-1620)</b>		
0084	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0085	202E38500	BRIDGE RAILING REMOVED (WT: NR)	FT	375.000
0086	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	6,619.000
0087	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	100.000
0088	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 23)	EACH	4.000
0089	511E34444	CLASS QC2 CONCRETE, BRIDGE DECK (WT: 29)	CY	62.000
0090	511E81300	CONCRETE, MISC.: EMBEDDED GALVANIC ANODE (EGA) (WT: 23)	EACH	184.000
0091	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	223.000
0092	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	18,889.000
0093	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	18,889.000
0094	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	18,889.000
0095	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	18,889.000
0096	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	30.000
0097	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	18.000
0098	516E10001	PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL, AS PER PLAN (WT: 27)	FT	174.000

0099	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	13.000
0100	516E31000	JOINT SEALER (WT: 27)	FT	7.000
0101	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	375.000
0102	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 29)	FT	447.000
0103	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	52.000

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**Total 0011      STRUCTURE REPAIR (MOT-725-1620)**

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**Section 0012      INCIDENTALS**

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0104	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0105	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0106	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0107	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0012      INCIDENTALS**

**Project Number: 210151**

**PID: 113294**

**Montgomery**

**Carriage Hill Metro Park**

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Date Set for Completion: 7/30/2021

Type: PARKING AREAS

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN BUTLER TOWNSHIP, MONTGOMERY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING AND RESURFACING PARKING LOTS AND DRIVES WITHIN CARRIAGE HILL METRO PARK 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	210.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0002	659E00300	TOPSOIL (WT: 46)	CY	15.000
0003	659E10000	SEEDING AND MULCHING (WT: 46)	SY	180.000
0004	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.020
0005	659E35000	WATER (WT: 46)	MGAL	2.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		
0006	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	190.000
0007	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	716.000
0008	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (1.25" THICKNESS) (WT: 10)	CY	293.000
0009	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	8.000
<b>Total</b>	<b>0003</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
0010	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	60.000
0011	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	8.000

0012	642E00300	CENTER LINE, TYPE 1, SINGLE YELLOW SOLID (WT: 45)	MILE	0.080
0013	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	40.000
0014	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	33.000
0015	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	219.000
0016	642E01200	PARKING LOT STALL MARKING, TYPE 1 (WT: 45)	FT	2,178.000
0017	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	2.000
0018	642E01702	HANDICAP SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	5.000

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**Total 0004      TRAFFIC CONTROL**

<b>Section 0005</b>	<b>INCIDENTALS</b>			
0019	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0020	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0021	624E10000	MOBILIZATION (WT: NR)	LS	1.000

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**Total 0005      INCIDENTALS**



**Project Number: 214005**

**PID: 107613**

**Wood**

SR 199-17.68 Brdg Repl.

E190(685)

SBE Set-Aside

Date Set for Completion: 9/30/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING A SECTION IN WEBSTER TOWNSHIP, WOOD COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING AN EXISTING SLAB BRIDGE WITH A CONCRETE BOX CULVERT, AND PERFORMING ALL NECESSARY ROADWAY 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	397.000
0003	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	55.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	87.000
0005	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	124.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	462.500
0007	202E38500	BRIDGE RAILING REMOVED (WT: NR)	FT	50.000
0008	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	3.000
0009	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	5.000
0010	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	1.000
0011	203E10000	EXCAVATION (WT: 06)	CY	74.000
0012	203E20000	EMBANKMENT (WT: 06)	CY	212.000
0013	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	616.000
0014	209E60200	LINEAR GRADING (WT: 06)	STA	7.000
0015	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	3.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0016	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	20.000

0017	659E00300	TOPSOIL (WT: 46)	CY	168.000
0018	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,512.000
0019	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.140
0020	659E35000	WATER (WT: 46)	MGAL	1.000
0021	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0022	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.960
0023	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	20.000
0024	611E02600	8" CONDUIT, TYPE F (WT: 35)	FT	20.000
0025	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	44.000
0026	611E05200	12" CONDUIT, TYPE F (WT: 35)	FT	30.000
0027	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	45.000
0028	611E16600	36" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	89.000
0029	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	2.000
0030	611E98540	CATCH BASIN, NO. 2-4 (WT: 35)	EACH	1.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0031	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	103.000
0032	304E20000	AGGREGATE BASE (WT: 09)	CY	109.000
0033	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	86.000
0034	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	43.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0035	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	2.000
0036	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	9.000
0037	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	1.000
0038	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	5.000
0039	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (WOO- 199-1768)</b>		
0040	202E11000	STRUCTURE REMOVED (WT: NR)	LS	1.000
0041	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	36.000

0042	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0043	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0044	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	3,616.000
0045	511E46210	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING (WT: 35)	CY	46.000
0046	512E10050	SEALING OF CONCRETE SURFACES (NON- EPOXY) (WT: 57)	SY	47.000
0047	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	357.000
0048	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	34.000
0049	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	LS	1.000
0050	611E96315	14' X 6' CONDUIT, TYPE A, 706.05, AS PER PLAN, DESIGN COVER 2 FT (WT: 35)	FT	96.000

**Total 0006      STRUCTURE 20 FOOT SPAN AND UNDER (WOO-199-1768)**

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**Section 0007      INCIDENTALS**

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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	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0054	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0007      INCIDENTALS**

# 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)

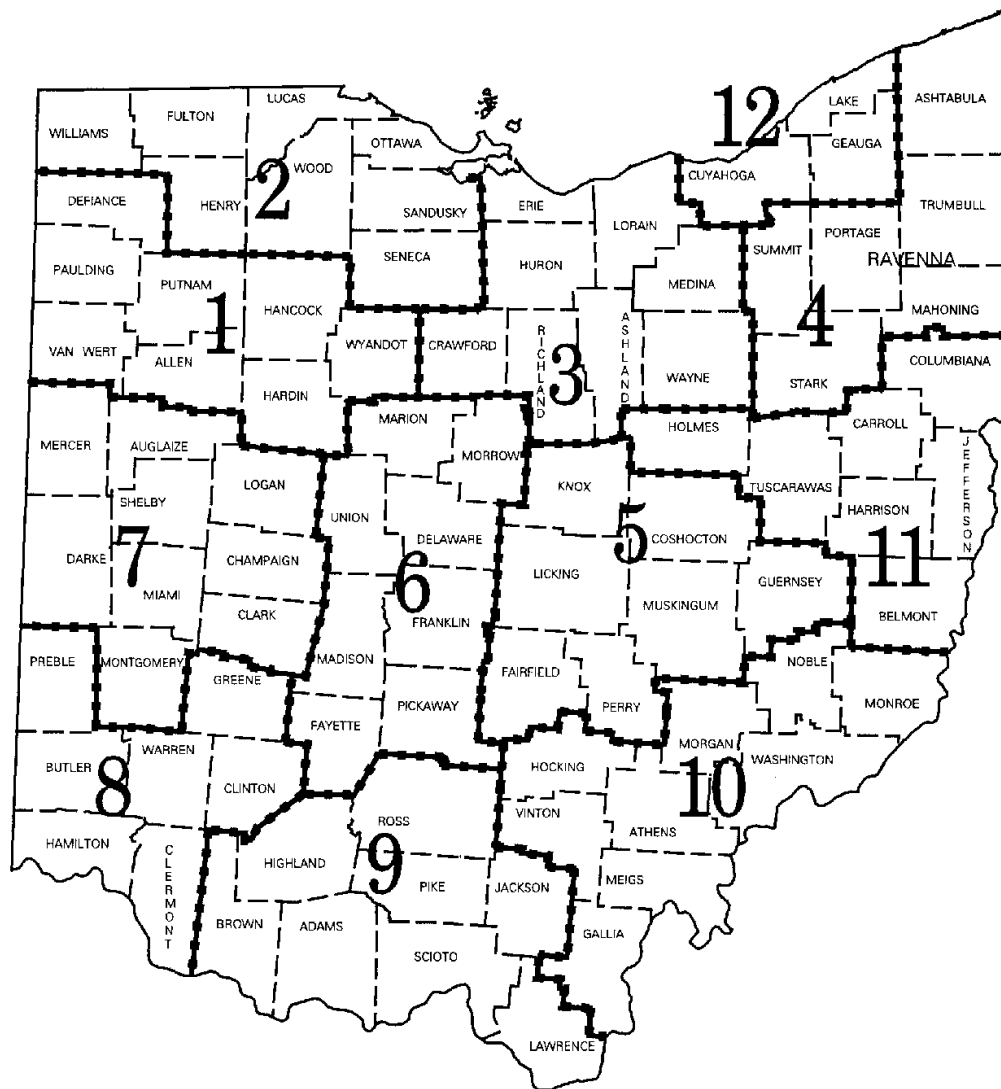
Company Name: \_\_\_\_\_  
Attention: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
P.O. Box: \_\_\_\_\_  
P.O. City, St, Zip: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Fax: \_\_\_\_\_

---

(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