

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
COLUMBUS, OHIO

**PROPOSED HIGHWAY
IMPROVEMENTS FOR CONTRACT
LETTING**

April 1, 2021

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See Back Cover for District Information

An Equal Opportunity Employer

Thursday, April 1, 2021

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ODOT = Ohio Department of Transportation

CFR = Code of Federal Regulations

O.R.C. = Ohio Revised Code

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

Project Number: 210190

PID: 110458

Butler

SR 4-13.90

E191(888)

DBE Goal: 8.0%

Date Set for Completion: 10/1/2021

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN LIBERTY TOWNSHIP, BUTLER COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY ADDING A TURN LANE, UPGRADING A SIGNAL, RESURFACING EXISTING ROADWAY, AND 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	1,072.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	53.000
0004	202E98100	REMOVAL MISC.:BOLLARD REMOVED (WT: NR)	EACH	11.000
0005	203E10000	EXCAVATION (WT: 06)	CY	349.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	140.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,020.000
0008	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	348.000
0009	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	348.000
0010	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0011	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	1,020.000
0012	608E10000	4" CONCRETE WALK (WT: 38)	SF	87.000
0013	608E52000	CURB RAMP (WT: 38)	SF	337.000
0014	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	1.000
0015	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
Total 0001	ROADWAY			
Section 0002	EROSION CONTROL			
0016	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000

0017	659E00300	TOPSOIL (WT: 46)	CY	216.000
0018	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,949.000
0019	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	97.000
0020	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.270
0021	659E31000	LIME (WT: 46)	ACRE	0.400
0022	659E35000	WATER (WT: 46)	MGAL	11.000
0023	832E30000	EROSION CONTROL (WT: 08)	EACH	15,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0024	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	30.000
0025	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	1.800
0026	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.430
0027	605E05200	4" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	97.000
0028	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	1,215.000
0029	611E00400	4" CONDUIT, TYPE E (WT: 35)	FT	40.000
0030	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	70.000
0031	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	24.000
0032	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	8.000
0033	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	35.000
0034	611E10400	24" CONDUIT, TYPE B (WT: 35)	FT	378.000
0035	611E10600	24" CONDUIT, TYPE C (WT: 35)	FT	80.000
0036	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	2.000
0037	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	1.000
0038	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	1.000
0039	611E98540	CATCH BASIN, NO. 2-4 (WT: 35)	EACH	1.000
0040	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	3.000
0041	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0042	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.25" (WT: 13)	SY	2,207.000
0043	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	216.000
0044	304E20000	AGGREGATE BASE (WT: 09)	CY	182.000

0045	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	330.000
0046	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	106.000
0047	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	41.000
0048	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	3.000
0049	441E50600	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), (DRIVEWAYS) (WT: 10)	CY	4.000
0050	452E09010	4" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	26.000
0051	452E12050	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	67.000
0052	609E24510	CURB, TYPE 4-C (WT: 38)	FT	87.000
0053	609E26000	CURB, TYPE 6 (WT: 38)	FT	833.000

Total 0004 PAVEMENT

Section	0005	TRAFFIC CONTROL		
0054	621E00100	RPM, 1-WAY (WHITE (WT: 41)	EACH	7.000
0055	621E00100	RPM, 2-WAY (WHITE/RED) (WT: 41)	EACH	7.000
0056	621E00100	RPM, 2-WAY 9YELLOW/YELLOW) (WT: 41)	EACH	6.000
0057	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	335.000
0058	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	22.000
0059	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	EACH	6.000
0060	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	1.000
0061	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	148.000
0062	630E80510	SIGN, STREET NAME (WT: 42)	EACH	3.000
0063	630E83000	COVERING OF SIGN (WT: 42)	SF	57.000
0064	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	20.000
0065	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0066	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	20.000
0067	644E00104	EDGE LINE, 6", WHITE (WT: 45)	MILE	0.239
0068	644E00300	CENTER LINE, 4", SOLID DOUBLE YELLOW (WT: 45)	MILE	0.032
0069	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	389.000
0070	644E00500	STOP LINE, 24" (WT: 45)	FT	99.000

0071	644E00600	CROSSWALK LINE, 12" (WT: 45)	FT	440.000
0072	644E00700	TRANSVERSE/DIAGONAL LINE, 24", WHITE (WT: 45)	FT	20.000
0073	644E01300	LANE ARROW, 6' (WT: 45)	EACH	4.000
0074	644E01500	DOTTED LINE, 4", YELLOW (WT: 45)	FT	302.000
0075	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	550.000

Total 0005 TRAFFIC CONTROL

Section	0006	TRAFFIC SIGNALS		
0076	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	3.000
0077	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	3.000
0078	625E18510	BRACKET ARM, 30' (WT: 43)	EACH	2.000
0079	625E23000	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	310.000
0080	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	150.000
0081	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	28.000
0082	625E25402	CONDUIT, 2", 725.05 (WT: 43)	FT	12.000
0083	625E25502	CONDUIT, 3", 725.05 (WT: 43)	FT	51.000
0084	625E25602	CONDUIT, 4", 725.05 (WT: 43)	FT	90.000
0085	625E25908	CONDUIT, JACKED OR DRILLED, 725.052, 4" (WT: 43)	FT	327.000
0086	625E26252	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), TYPE IV DISTRIBUTION, 194W, 120/277V (WT: 43)	EACH	2.000
0087	625E29000	TRENCH (WT: 43)	FT	153.000
0088	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	4.000
0089	625E31510	PULL BOX REMOVED (WT: 43)	EACH	4.000
0090	625E32000	GROUND ROD (WT: 43)	EACH	6.000
0091	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	153.000
0092	625E75400	LIGHT POLE REMOVED (WT: NR)	EACH	2.000
0093	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK, WITH BACKPLATE (WT: 44)	EACH	9.000
0094	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK, WITH BACKPLATE (WT: 44)	EACH	3.000
0095	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	6.000

0096	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	12.000
0097	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	6.000
0098	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	2.000
0099	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,580.000
0100	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,580.000
0101	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	4.000
0102	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	1.000
0103	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	45.000
0104	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0105	632E80700	SIGNAL SUPPORT, MISC.: SIGNAL SUPPORT, INSTALLATION ONLY, AS PER PLAN (WT: 44)	EACH	4.000
0106	632E90010	PEDESTAL, MISC.: PEDESTAL, TRANSFORMER BASE, INSTALLATION ONLY, AS PER PLAN (WT: 44)	EACH	1.000
0107	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000
0108	632E90208	REUSE OF STRAIN POLE (WT: 44)	EACH	1.000
0109	633E65521	CABINET, TYPE 332, AS PER PLAN (WT: 44)	EACH	1.000
0110	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0111	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	1.000
0112	633E68511	COMMUNICATIONS, AS PER PLAN (WT: 44)	EACH	1.000
0113	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0114	809E60001	CCTV IP-CAMERA SYSTEM, DOME-TYPE, AS PER PLAN (WT: 44)	EACH	1.000
0115	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	3.000
0116	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0117	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000

Total 0006 TRAFFIC SIGNALS

Section	0007	MAINTENANCE OF TRAFFIC		
0118	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	70.000
0119	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000

0120	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000
0121	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.500
0122	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.200
0123	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	0.500
0124	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.100
0125	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	490.000
0126	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	20.000
0127	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	30.000
0128	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	4.000
0129	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0130	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	450.000
0131	616E10000	WATER (WT: NR)	MGAL	10.000
Total 0007 MAINTENANCE OF TRAFFIC				
Section	0008	INCIDENTALS		
0132	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0133	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0134	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0135	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008 INCIDENTALS				

Project Number: 210191

PID: 110469

Clermont

SR 131-02.09

E200(319)

DBE Goal: 5.0%

Date Set for Completion: 10/31/2021

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN MIAMI TOWNSHIP, CLERMONT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY INSTALLING A NEW SIGNAL, CONSTRUCTING SIDEWALK AND CURB RAMPS, AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E32000	CURB REMOVED (WT: NR)	FT	49.000
0002	203E10000	EXCAVATION (WT: 06)	CY	5.000
0003	203E20000	EMBANKMENT (WT: 06)	CY	5.000
0004	608E10000	4" CONCRETE WALK (WT: 38)	SF	28.000
0005	608E52000	CURB RAMP (WT: 38)	SF	347.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0006	659E00300	TOPSOIL (WT: 46)	CY	15.000
0007	659E10000	SEEDING AND MULCHING (WT: 46)	SY	135.000
0008	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	7.000
0009	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.020
0010	659E31000	LIME (WT: 46)	ACRE	0.030
0011	659E35000	WATER (WT: 46)	MGAL	0.700
0012	832E30000	EROSION CONTROL (WT: 08)	EACH	2,500.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0013	611E00400	4" CONDUIT, TYPE E (WT: 35)	FT	80.000
Total	0003	DRAINAGE		
Section	0004	SANITARY SEWER		

0014	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	1.000
Total 0004		SANITARY SEWER		
Section	0005	TRAFFIC CONTROL		
0015	621E00100	RPM (WT: 41)	EACH	9.000
0016	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	9.000
0017	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	39.000
0018	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0019	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	3.000
0020	644E00500	STOP LINE (WT: 45)	FT	117.000
0021	644E00600	CROSSWALK LINE (WT: 45)	FT	508.000
0022	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	240.000
Total 0005		TRAFFIC CONTROL		
Section	0006	TRAFFIC SIGNALS		
0023	625E18200	BRACKET ARM, 15' (WT: 43)	EACH	3.000
0024	625E23304	NO. 8 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	523.000
0025	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	75.000
0026	625E25604	CONDUIT, 4", 725.051 (WT: 43)	FT	189.000
0027	625E25900	CONDUIT, JACKED OR DRILLED, 4" (WT: 43)	FT	357.000
0028	625E26252	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), 111W, 120 VOLT, WITH PHOTOCELL (WT: 43)	EACH	3.000
0029	625E29000	TRENCH (WT: 43)	FT	161.000
0030	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	8.000
0031	625E32000	GROUND ROD (WT: 43)	EACH	10.000
0032	630E79100	SIGN HANGER ASSEMBLY, MAST ARM (WT: 42)	EACH	13.000
0033	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	88.000
0034	632E05006	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE (WT: 44)	EACH	7.000
0035	632E05086	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE (WT: 44)	EACH	3.000
0036	632E20730	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN (WT: 44)	EACH	8.000

0037	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	10.000
0038	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	8.000
0039	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	8.000
0040	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,288.000
0041	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	2,458.000
0042	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	3.000
0043	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	6.000
0044	632E68300	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	55.000
0045	632E69800	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	118.000
0046	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0047	632E81700	COMBINATION SIGNAL SUPPORT, MISC.: TYPE TC-12.31 WITH MAST ARMS TC-81.22, INSTALLATION ONLY (WT: 44)	EACH	1.000
0048	632E81700	COMBINATION SIGNAL SUPPORT, MISC.: TYPE TC-81.22, INSTALLATION ONLY (WT: 44)	EACH	2.000
0049	632E90010	PEDESTAL, MISC.: 8', TRANSFORMER BASE, INSTALLATION ONLY (WT: 44)	EACH	6.000
0050	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000
0051	633E65521	CABINET, TYPE 332, AS PER PLAN (WT: 44)	EACH	1.000
0052	633E67100	CABINET FOUNDATION (WT: 44)	EACH	1.000
0053	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	1.000
0054	633E68511	COMMUNICATIONS, AS PER PLAN (WT: 44)	EACH	1.000
0055	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0056	633E99300	CONTROLLER ITEM, MISC.: RELOCATE PREEMPTION (WT: 44)	LS	1.000
0057	809E60040	CCTV IP-CAMERA SYSTEM, QUAD MULTI- VIEW FIXED WITH PTZ (WT: 44)	EACH	1.000
0058	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	2.000
0059	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	4.000
0060	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000

Total 0006 TRAFFIC SIGNALS

Section 0007 MAINTENANCE OF TRAFFIC

0061	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
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Total 0007	MAINTENANCE OF TRAFFIC
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Section 0008	INCIDENTALS
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0062	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0063	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0064	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
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0065	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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Total 0008	INCIDENTALS
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Project Number: 210192

PID: 113330

Cuyahoga

Cleveland PSIP

E200(949)

DBE Goal: 6.0%

Date Set for Completion: 6/30/2022

Type: SPOT SAFETY

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS OF THE CITY OF CLEVELAND (OF CUYAHOGA COUNTY) BY
INSTALLING NEW SIGNALS, CROSSWALK ISLANDS, CURB RAMPS, SIDEWALKS, AND PAVEMENT
MARKINGS AT VARIOUS LOCATIONS, INCLUDING 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	1,546.000
0003	202E30001	WALK REMOVED, AS PER PLAN (WT: NR)	SF	14,189.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	1,974.000
0005	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	4.000
0006	203E10000	EXCAVATION (WT: 06)	CY	10.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	243.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	104.000
0009	608E10001	4" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	15,198.000
0010	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	4,708.000
0011	608E53020	DETECTABLE WARNING (WT: 38)	SF	80.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0012	659E00300	TOPSOIL (WT: 46)	CY	227.000
0013	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	2,100.000
0014	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.410
0015	659E35000	WATER (WT: 46)	MGAL	12.000
0016	832E30001	EROSION CONTROL, AS PER PLAN (WT: 08)	EACH	30,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		

0017	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	30.000
0018	611E98151	CATCH BASIN, NO. 3, AS PER PLAN (WT: 35)	EACH	4.000
0019	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	4.000
0020	611E99575	MANHOLE, NO. 3, AS PER PLAN (WT: 35)	EACH	4.000
0021	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	5.000
0022	611E99820	SPECIAL - MISCELLANEOUS METAL, AS PER PLAN (WT: 35)	LB	500.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0023	253E90100	PAVEMENT REPAIR, MISC.: STREET OPENING REPAIR, TYPE A (WT: 16)	SY	751.000
0024	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	400.000
0025	301E46000	ASPHALT CONCRETE BASE, PG64-22, 6" (WT: 10)	CY	18.000
0026	304E20000	AGGREGATE BASE, 6" (WT: 09)	CY	18.000
0027	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	17.000
0028	609E26000	CURB, TYPE 6 (WT: 38)	FT	1,662.000
0029	609E72000	CONCRETE MEDIAN (WT: 38)	SY	104.000
Total 0004		PAVEMENT		
Section 0005	WATER WORK			
0030	638E10400	FIRE HYDRANT ADJUSTED TO GRADE (WT: 35)	EACH	2.000
0031	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	8.000
0032	638E10900	SERVICE BOX ADJUSTED TO GRADE (WT: 35)	EACH	4.000
Total 0005		WATER WORK		
Section 0006	TRAFFIC CONTROL			
0033	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	131.000
0034	630E79200	SIGN ATTACHMENT ASSEMBLY, MAST ARM (WT: 42)	EACH	4.000
0035	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	20.000
0036	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	265.000
0037	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	15.000
0038	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	10.000
0039	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	23.000

0040	630E87520	REMOVAL OF POLE MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0041	630E97700	SIGNING, MISC.: SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) (WT: 42)	EACH	42.000
0042	644E00100	EDGE LINE, 4" (WT: 45)	MILE	1.000
0043	644E00500	STOP LINE, 18" (WT: 45)	FT	97.000
0044	644E00600	CROSSWALK LINE, 12" (WT: 45)	FT	2,748.000
0045	644E00600	CROSSWALK LINE, 24" (WT: 45)	FT	3,040.000
0046	644E20800	YIELD LINE (WT: 45)	FT	68.000
0047	644E50100	PAVEMENT MARKING, MISC.: REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	1.000
0048	644E50300	PAVEMENT MARKING, MISC.: REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	2,906.000
0049	646E10500	CROSSWALK LINE, 24" (WT: 45)	FT	809.000
0050	646E10500	CROSSWALK LINE.12" (WT: 45)	FT	649.000

Total 0006 TRAFFIC CONTROL

Section 0007 TRAFFIC SIGNALS

0051	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	4.000
0052	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	2.000
0053	625E14100	LIGHT POLE FOUNDATION, 24" X 8' DEEP (WT: 43)	EACH	1.000
0054	625E23000	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	45.000
0055	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	70.000
0056	625E25402	CONDUIT, 2", 725.05 (WT: 43)	FT	954.000
0057	625E25402	CONDUIT, 2", 725.05 CONCRETE ENCASED (WT: 43)	FT	179.000
0058	625E25502	CONDUIT, 3", 725.05 (WT: 43)	FT	16.000
0059	625E26250	LUMINAIRE, CONVENTIONAL, (LED), COBRA STYLE, TYPE II OR III (WT: 43)	EACH	1.000
0060	625E29000	TRENCH (WT: 43)	FT	919.000
0061	625E30510	PULL BOX, 725.06, SIZE 4 (WT: 43)	EACH	17.000
0062	625E32000	GROUND ROD (WT: 43)	EACH	58.000
0063	625E34000	POWER SERVICE (WT: 43)	EACH	2.000
0064	625E60010	LIGHT POLE REMOVED FOR REERECTION (WT: 43)	EACH	1.000
0065	625E75400	LIGHT POLE REMOVED (WT: NR)	EACH	1.000

0066	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	45.000
0067	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	21.000
0068	632E29900	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES (WT: 44)	FT	269.000
0069	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	4,670.000
0070	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	615.000
0071	632E64011	SIGNAL SUPPORT FOUNDATION, AS PER PLAN (WT: 44)	EACH	15.000
0072	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	45.000
0073	632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	FT	2,114.000
0074	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	80.000
0075	632E69800	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	929.000
0076	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	10.000
0077	632E72101	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 2, AS PER PLAN (WT: 44)	EACH	10.000
0078	632E72131	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12, AS PER PLAN (WT: 44)	EACH	4.000
0079	632E86120	STRAIN POLE, TYPE TC-81.11, DESIGN 8 (WT: 44)	EACH	1.000
0080	632E89900	PEDESTAL, 8', TRANSFORMER BASE (WT: 44)	EACH	6.000
0081	632E90000	PEDESTAL, 11', TRANSFORMER BASE (WT: 44)	EACH	8.000
0082	632E90008	PEDESTAL, 15', TRANSFORMER BASE (WT: 44)	EACH	31.000
0083	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, PEDESTAL (WT: 44)	EACH	1.000
0084	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, PEDESTRIAN HYBRID BEACON (WT: 44)	EACH	8.000
0085	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	21.000
0086	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, PUSHBUTTON (WT: 44)	EACH	1.000
0087	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, SIGNAL POLE AND MAST ARM (WT: 44)	EACH	4.000
0088	632E90400	SIGNALIZATION, MISC.: REMOVAL OF FLASHER ASSEMBLY (WT: 44)	EACH	14.000

0089	632E90400	SIGNALIZATION, MISC.: PEDESTRIAN HYBRID BEACON (WT: 44)	EACH	8.000
0090	632E90400	SIGNALIZATION, MISC.:PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, RETROFITTED (WT: 44)	EACH	12.000
0091	632E90500	SIGNALIZATION, MISC.: UNLASH AND RELASH MESSENGER WIRE (WT: 44)	FT	673.000
0092	633E65510	CABINET, TYPE TS-2 (WT: 44)	EACH	2.000
0093	633E99000	CONTROLLER ITEM, MISC.: CONTROLLER TYPE TS2/A2 (WT: 44)	EACH	2.000
Total 0007		TRAFFIC SIGNALS		
Section 0008	MAINTENANCE OF TRAFFIC			
0094	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	620.000
0095	616E10000	WATER (WT: NR)	MGAL	0.200
Total 0008		MAINTENANCE OF TRAFFIC		
Section 0009	INCIDENTALS			
0096	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0097	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0098	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	3.000
0099	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0100	624E10000	MOBILIZATION (WT: NR)	LS	1.000
0101	900E17000	SPECIAL - PRECONSTRUCTION VIDEO (WT: 50)	LS	1.000
Total 0009		INCIDENTALS		

Project Number: 210193

PID: 100081

D03

BH FY2021 (B)

E200(989)

DBE Goal: 6%

Date Set for Completion: 10/30/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN ASHLAND, ERIE, HURON AND LORAIN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PATCHING CONCRETE, STRUCTURAL STEEL REPAIRS, EXPANSION JOINT REPLACEMENT, RESETTING BEARINGS AND OTHER REPAIRS TO EIGHT BRIDGES.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	EROSION CONTROL		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	7,000.000
Total	0001	EROSION CONTROL		
Section	0002	TRAFFIC CONTROL		
0002	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.140
0003	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.580
Total	0002	TRAFFIC CONTROL		
Section	0003	MAINTENANCE OF TRAFFIC		
0004	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	200.000
0005	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	12.000
0006	614E21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I (WT: 39)	MILE	0.380
0007	614E21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I (BLACK) (WT: 39)	MILE	0.200
0008	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	0.380
0009	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (BLACK) (WT: 39)	MILE	0.140
0010	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	45.000

Total 0003		MAINTENANCE OF TRAFFIC		
Section 0004	STRUCTURE REPAIR (ASD-89-4.31)			
0011	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0012	513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 29)	LB	53.000
0013	513E95030	STRUCTURAL STEEL, MISC.: DRILLING STRUCTURAL STEEL, GRINDING, AND NDT (WT: 29)	EACH	2.000
0014	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
Total 0004		STRUCTURE REPAIR (ASD-89-4.31)		
Section 0005	STRUCTURE REPAIR (ERI-2-24.03R)			
0015	516E31000	JOINT SEALER (WT: NR)	FT	7.000
0016	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	2.000
0017	519E12510	SPECIAL - PATCHING CONCRETE BRIDGE DECK, TYPE B (WT: 29)	SY	8.000
Total 0005		STRUCTURE REPAIR (ERI-2-24.03R)		
Section 0006	STRUCTURE REPAIR (ERI-13-3.67)			
0018	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0019	202E38603	BRIDGE RAILING REMOVED FOR REUSE, AS PER PLAN (WT: NR)	FT	12.500
0020	513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 29)	LB	71.000
0021	513E95020	STRUCTURAL STEEL, MISC.: CROSSFRAME REMOVAL AND REPLACEMENT (WT: 29)	LS	1.000
0022	516E31000	JOINT SEALER (WT: NR)	FT	2.000
0023	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	4.000
0024	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0025	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	3.000
0026	519E12510	SPECIAL - PATCHING CONCRETE BRIDGE DECK, TYPE B (WT: 29)	SY	1.000
Total 0006		STRUCTURE REPAIR (ERI-13-3.67)		
Section 0007	STRUCTURE REPAIR (ERI-101-6.20)			
0027	202E98200	REMOVAL MISC.: JOINT SEALER (WT: NR)	FT	120.000
0028	513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 29)	LB	30.000
0029	516E31000	JOINT SEALER (WT: NR)	FT	240.000

0030	516E46700	RESET BEARING (WT: 29)	EACH	4.000
0031	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0032	517E76302	RAILING, MISC.: ALUMINUM RAILING AND POST (WT: NR)	EACH	1.000
0033	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	5.000
0034	519E12510	SPECIAL - PATCHING CONCRETE BRIDGE DECK, TYPE B (WT: 29)	SY	2.000
Total 0007		STRUCTURE REPAIR (ERI-101-6.20)		
Section	0008	STRUCTURE REPAIR (HUR-250-4.92)		
0035	202E98200	REMOVAL MISC.: JOINT SEALER (WT: NR)	FT	132.000
0036	202E98200	REMOVAL MISC.: STEEL BAR (WT: NR)	FT	6.000
0037	513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 29)	LB	51.000
0038	516E31000	JOINT SEALER (WT: NR)	FT	132.000
0039	519E12510	SPECIAL - PATCHING CONCRETE BRIDGE DECK, TYPE B (WT: 29)	SY	1.000
0040	530E00200	SPECIAL - STRUCTURES, MISC.: GRIND EXPANSION JOINT STEEL (WT: 29)	LS	1.000
Total 0008		STRUCTURE REPAIR (HUR-250-4.92)		
Section	0009	STRUCTURE REPAIR (HUR-303-1.97)		
0041	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0042	513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 29)	LB	253.000
0043	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
Total 0009		STRUCTURE REPAIR (HUR-303-1.97)		
Section	0010	STRUCTURE REPAIR (LOR-2-3.33L)		
0044	516E46700	RESET BEARING (WT: 29)	EACH	4.000
0045	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
Total 0010		STRUCTURE REPAIR (LOR-2-3.33L)		
Section	0011	STRUCTURE REPAIR (LOR-2-3.33R)		
0046	516E46700	RESET BEARING (WT: 29)	EACH	1.000
0047	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
Total 0011		STRUCTURE REPAIR (LOR-2-3.33R)		
Section	0012	INCIDENTALS		

0048	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0049	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0050	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0051	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	6.000
0052	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0053	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0012 INCIDENTALS				

Project Number: 210194

PID: 113278

D04

STA, SUM

PSIP Phase 2

E200(937)

DBE Goal: 6.0%

Date Set for Completion: 9/30/2022

Type: SPOT SAFETY

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF THE CITY OF AKRON (OF SUMMIT COUNTY), THE CITY OF CANTON (OF STARK COUNTY), AND THE CITY OF YOUNGSTOWN (OF MAHONING COUNTY), BY INSTALLING NEW SIGNALS, CROSSWALK ISLANDS, CURB RAMPS, SIDEWALKS, AND PAVEMENT MARKINGS AT VARIOUS LOCATIONS, INCLUDING 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	313.000
0003	202E30001	WALK REMOVED, AS PER PLAN (WT: NR)	SF	1,851.000
0004	202E32001	CURB REMOVED, AS PER PLAN (WT: NR)	FT	1,705.000
0005	202E32501	CURB AND GUTTER REMOVED, AS PER PLAN (WT: NR)	FT	166.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	18.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	53.000
0008	608E10001	4" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	2,121.000
0009	608E12001	5" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	560.000
0010	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	7,701.000
0011	608E53021	DETECTABLE WARNING, AS PER PLAN (WT: 38)	SF	789.000
0012	608E98000	WALKWAY, MISC.: AKRON CURB RAMP (WT: 38)	SF	4,916.000
0013	608E98000	WALKWAY, MISC.: REMOVE AND REUSE DECORATIVE BRICK WALK (WT: 38)	SF	319.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0014	832E30000	EROSION CONTROL (WT: 08)	EACH	3.000

Total 0002		EROSION CONTROL		
Section	0003	PAVEMENT		
0015	251E01001	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN (WT: 16)	SY	502.000
0016	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	275.000
0017	452E12011	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN (WT: 12)	SY	22.000
0018	609E12001	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN (WT: 38)	FT	47.000
0019	609E26001	CURB, TYPE 6, AS PER PLAN (WT: 38)	FT	246.000
0020	609E72001	CONCRETE MEDIAN, AS PER PLAN (WT: 38)	SY	395.000
Total 0003		PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0021	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	1,278.000
0022	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	80.000
0023	630E72540	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 12 (WT: 42)	EACH	1.000
0024	630E79100	SIGN HANGER ASSEMBLY, MAST ARM (WT: 42)	EACH	2.000
0025	630E79200	SIGN ATTACHMENT ASSEMBLY, MAST ARM (WT: 42)	EACH	9.000
0026	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	101.000
0027	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	1,387.750
0028	630E84511	RIGID OVERHEAD SIGN SUPPORT FOUNDATION, AS PER PLAN (WT: 42)	EACH	1.000
0029	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	4.000
0030	630E85000	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE (WT: NR)	EACH	29.000
0031	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	11.000
0032	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	24.000
0033	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	6.000
0034	630E87510	REMOVAL OF POLE MOUNTED SIGN AND STORAGE (WT: NR)	EACH	6.000
0035	630E97700	SIGNING, MISC.: SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY (WT: 42)	EACH	31.000

0036	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.080
0037	644E00300	CENTER LINE (WT: 45)	MILE	0.550
0038	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	50.000
0039	644E00500	STOP LINE (WT: 45)	FT	3,215.000
0040	644E00601	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	40,707.000
0041	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	357.000
0042	644E00900	ISLAND MARKING (WT: 45)	SF	70.000
0043	644E01300	LANE ARROW (WT: 45)	EACH	16.000
0044	644E01500	DOTTED LINE, 4" (WT: 45)	FT	455.000
0045	644E01514	DOTTED LINE, 8" (WT: 45)	FT	50.000
0046	644E20800	YIELD LINE (WT: 45)	FT	324.000
0047	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	2,683.000
0048	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	1.000
0049	646E10501	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	344.000
0050	646E20800	YIELD LINE (WT: 45)	FT	50.000

Total 0004 TRAFFIC CONTROL

Section	0005	TRAFFIC SIGNALS		
0051	625E18001	BRACKET ARM, 10', AS PER PLAN (WT: 43)	EACH	39.000
0052	625E25402	CONDUIT, 2", 725.05 (WT: 43)	FT	192.000
0053	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 3" AS PER PLAN (WT: 43)	FT	1,023.000
0054	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 4" (WT: 43)	FT	50.000
0055	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES TYPE II, 250 WATT HPS EQUIVALENT LED, 120 VOLT (WT: 43)	EACH	39.000
0056	625E29400	TRENCH IN PAVED AREA (WT: 43)	FT	192.000
0057	625E30701	PULL BOX, 725.08, 18", AS PER PLAN (WT: 43)	EACH	4.000
0058	625E31507	PULL BOX REMOVED AND REPLACED, AS PER PLAN (WT: 43)	EACH	4.000
0059	625E32000	GROUND ROD (WT: 43)	EACH	35.000
0060	625E98000	LIGHTING, MISC.: MODIFY CONTROLLER POWER (WT: 43)	EACH	11.000
0061	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	535.000
0062	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	535.000
0063	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	2.000
0064	632E30100	MESSENGER WIRE, 7 STRAND, 5/16" DIAMETER WITH ACCESSORIES (WT: 44)	FT	285.000

0065	632E30980	SIGNAL CABLE, 3 CONDUCTOR, NO. 10 AWG (WT: 44)	FT	4,984.000
0066	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,121.000
0067	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	2,361.000
0068	632E64011	SIGNAL SUPPORT FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0069	632E64021	PEDESTAL FOUNDATION, AS PER PLAN (WT: 44)	EACH	37.000
0070	632E65300	LOOP DETECTOR LEAD-IN CABLE, 2 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	103.000
0071	632E67300	POWER CABLE, 3 CONDUCTOR, NO. 8 AWG (WT: 44)	FT	30.000
0072	632E69700	SERVICE CABLE, 3 CONDUCTOR, NO. 8 AWG (WT: 44)	FT	272.000
0073	632E70300	CONDUIT RISER, 1-1/2" DIAMETER (WT: 44)	EACH	10.000
0074	632E72130	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12 (WT: 44)	EACH	1.000
0075	632E89300	WOOD POLE (WT: 44)	EACH	4.000
0076	632E89900	PEDESTAL, 8', TRANSFORMER BASE (WT: 44)	EACH	4.000
0077	632E89904	PEDESTAL, 10', TRANSFORMER BASE (WT: 44)	EACH	1.000
0078	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM MAST ARM (WT: 44)	EACH	1.000
0079	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM PEDESTAL (WT: 44)	EACH	2.000
0080	632E90500	SIGNALIZATION, MISC.: UNLASH AND RELASH MESSENGER WIRE (WT: 44)	FT	3,041.000
0081	633E65510	CABINET, TYPE TS-2 (WT: 44)	EACH	1.000
0082	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	1.000
0083	633E99000	CONTROLLER ITEM, MISC.: ADD PEDESTRIAN PHASES (WT: 44)	EACH	6.000
0084	633E99000	CONTROLLER ITEM, MISC.: LOAD CONTROLLER SETTINGS (WT: 44)	EACH	27.000
0085	633E99000	CONTROLLER ITEM, MISC.: PEDESTRIAN LOAD SWITCH (WT: 44)	EACH	14.000
0086	809E69122	ATC V6.24 CONTROLLER (WT: 44)	EACH	1.000

Total 0005 TRAFFIC SIGNALS

Section	0006	INCIDENTALS		
0087	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0088	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000

0089	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0090	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0006		INCIDENTALS		

Project Number: 210195
PID: 111195
D06
FAY, FRA, MAD
City NHS Guardrail Upgrade
E200(421)

DBE Goal: 5%

Date Set for Completion: 10/15/2021

Type: GUARDRAIL REBUILDING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN DELAWARE, FRANKLIN, FAYETTE, MADISON, MARION, MORROW, PICKAWAY, AND UNION COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY UPGRADING GUARDRAIL AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E38001	GUARDRAIL REMOVED, AS PER PLAN (WT: NR)	FT	6,300.000
0002	202E42001	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN (WT: NR)	EACH	188.000
0003	202E42041	ANCHOR ASSEMBLY REMOVED, TYPE T, AS PER PLAN (WT: NR)	EACH	4.000
0004	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	8,225.000
0005	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (WT: 36)	EACH	9.000
0006	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	133.000
0007	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	49.000
0008	606E35000	BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	3.000
0009	606E35141	BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN (WT: 36)	EACH	12.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0010	659E00300	TOPSOIL (WT: 46)	CY	644.000
0011	659E10000	SEEDING AND MULCHING (WT: 46)	SY	5,808.000
0012	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	290.000
0013	659E15000	INTER-SEEDING (WT: 46)	SY	290.000

0014	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.780
0015	659E31000	LIME (WT: 46)	ACRE	1.200
0016	659E35000	WATER (WT: 46)	MGAL	31.000
0017	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	TRAFFIC CONTROL		
0018	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	290.000
Total	0003	TRAFFIC CONTROL		
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	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0022	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0004	INCIDENTALS		

Project Number: 210196

PID: 102439

D11

COL, HOL, JEF

GR-FY2021

E200(923)

DBE Goal: 5%

Date Set for Completion: 3/31/2022

Type: GUARDRAIL REBUILDING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN BELMONT, COLUMBIANA, HOLMES, JEFFERSON, AND TUSCARAWAS COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY GUARDRAIL REBUILDING AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	49,418.000
0002	202E38001	GUARDRAIL REMOVED, AS PER PLAN (WT: NR)	FT	11,238.000
0003	202E38300	GUARDRAIL REMOVED, BARRIER DESIGN (WT: NR)	FT	950.000
0004	203E20000	EMBANKMENT (WT: 06)	CY	100.000
0005	203E40000	BORROW (WT: 06)	CY	50.000
0006	209E15050	RESHAPING UNDER GUARDRAIL (WT: 06)	MILE	11.700
0007	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	500.000
0008	606E13050	GUARDRAIL, TYPE 5A (WT: 36)	FT	250.000
0009	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	43,176.500
0010	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	7,600.000
0011	606E15150	GUARDRAIL, TYPE MGS HALF POST SPACING (WT: 36)	FT	525.000
0012	606E15200	GUARDRAIL, TYPE MGS HALF POST SPACING WITH LONG POSTS (WT: 36)	FT	50.000
0013	606E15550	GUARDRAIL, BARRIER DESIGN, TYPE MGS (WT: 36)	FT	350.000
0014	606E16050	GUARDRAIL REBUILT, TYPE MGS (WT: 36)	FT	1,000.000
0015	606E16500	GUARDRAIL REBUILT, TYPE 5 (WT: 36)	FT	1,000.000

0016	606E17360	GUARDRAIL, TYPE MGS, LONG-SPAN (WT: 36)	FT	1,237.500
0017	606E18500	GUARDRAIL POST, 9 FEET (WT: 36)	EACH	58.000
0018	606E25000	ANCHOR ASSEMBLY, TYPE A (WT: 36)	EACH	3.000
0019	606E25550	ANCHOR ASSEMBLY, MGS TYPE A (WT: 36)	EACH	4.000
0020	606E26000	ANCHOR ASSEMBLY, TYPE B (WT: 36)	EACH	2.000
0021	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (WT: 36)	EACH	5.000
0022	606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	EACH	2.000
0023	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	46.000
0024	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350 OR MASH 2016) (WT: 36)	EACH	69.000
0025	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	3.000
0026	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	114.000
0027	606E27800	ANCHOR ASSEMBLY REBUILT, TYPE A (WT: 36)	EACH	2.000
0028	606E27810	ANCHOR ASSEMBLY REBUILT, MGS TYPE A (WT: 36)	EACH	83.000
0029	606E27860	ANCHOR ASSEMBLY REBUILT, MGS TYPE E (WT: 36)	EACH	2.000
0030	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	12.000
0031	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	4.000
0032	606E35141	BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN (WT: 36)	EACH	23.000
0033	606E55020	SPECIAL - CABLE BARRIER, REPLACEMENT CABLE (WT: 36)	FT	100.000
0034	606E55100	SPECIAL - CABLE BARRIER, CONCRETE LINE POST FOUNDATION (WT: 36)	EACH	5.000
0035	606E55110	SPECIAL - CABLE BARRIER, CONCRETE ANCHOR FOUNDATION WITH SLEEVE (WT: 36)	EACH	3.000
0036	606E55140	SPECIAL - CABLE BARRIER, ANCHOR POST (WT: 36)	EACH	4.000
0037	606E55160	SPECIAL - CABLE BARRIER, TERMINAL STRUT (WT: 36)	EACH	2.000
0038	606E55170	SPECIAL - CABLE BARRIER, TURNBUCKLE (WT: 36)	EACH	1.000
0039	606E55180	SPECIAL - CABLE BARRIER, SPLICE (WT: 36)	EACH	3.000
0040	606E55190	SPECIAL - CABLE BARRIER, POST REFLECTOR (WT: 36)	EACH	13.000

0041	606E55200	SPECIAL - CABLE BARRIER, TENSIONING (WT: 36)	EACH	4.000
0042	606E55210	SPECIAL - CABLE BARRIER, ANCHOR RECONSTRUCTED (WT: 36)	EACH	2.000
0043	606E55220	SPECIAL - CABLE BARRIER, ANCHOR POST RESET (WT: 36)	EACH	3.000
0044	606E60012	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL) (WT: 36)	EACH	6.000
0045	606E60029	IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL), AS PER PLAN (55 MPH, 26" WIDTH) (WT: 36)	EACH	2.000
0046	606E98000	GUARDRAIL, MISC.:RAIL PANEL (WT: 36)	FT	2,342.500
0047	606E98100	GUARDRAIL, MISC.:ANCHOR BUCKLE REPLACEMENT (WT: 36)	EACH	1.000
0048	606E98100	GUARDRAIL, MISC.:ANCHOR CABLE (WT: 36)	EACH	3.000
0049	606E98100	GUARDRAIL, MISC.:ANCHOR GROUND STRUT (WT: 36)	EACH	1.000
0050	606E98100	GUARDRAIL, MISC.:ANCHOR TRIGGER POST (WT: 36)	EACH	1.000
0051	606E98100	GUARDRAIL, MISC.:LINE POST (WT: 36)	EACH	100.000
0052	606E98100	GUARDRAIL, MISC.:TENSIONED CABLE ANCHOR TERMINAL (WT: 36)	EACH	1.000
0053	609E24000	CURB, TYPE 4-A (WT: 38)	FT	200.000
Total 0001		ROADWAY		
Section	0002	EROSION CONTROL		
0054	654E11000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.000
0055	659E10000	SEEDING AND MULCHING (WT: 46)	SY	5,000.000
0056	659E31000	LIME (WT: 46)	ACRE	1.000
0057	659E35000	WATER (WT: 46)	MGAL	50.000
0058	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0002		EROSION CONTROL		
Section	0003	TRAFFIC CONTROL		
0059	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	676.000
0060	626E00110	BARRIER REFLECTOR, TYPE 2 (ONE WAY) (WT: NR)	EACH	150.000
Total 0003		TRAFFIC CONTROL		
Section	0004	MAINTENANCE OF TRAFFIC		
0061	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000

0062	614E18000	MAINTAINING TRAFFIC, MISC.: GUARDRAIL REPAIR (WT: 39)	EACH	20.000
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Total 0004	MAINTENANCE OF TRAFFIC
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Section 0005	INCIDENTALS
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0063	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0064	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0065	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
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0066	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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Total 0005	INCIDENTALS
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Project Number: 210197

PID: 106342

Erie

- D03 SRTS - Edison Inf

E171(448)

DBE Goal: 7%

Date Set for Completion: 8/16/2021

Type: SIDEWALK

Plan Cost: N/A

FOR IMPROVING A SECTION IN ERIE COUNTY, OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A MULTI-USE PATH ALONG THE SCIOTO RIVER UTILIZING SIDEWALKS AND A NEW ASPHALT EXTENSION, AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	37.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	905.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	230.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	95.000
0006	203E10000	EXCAVATION (WT: 06)	CY	50.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	301.000
0008	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	10.000
0009	608E10001	4" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	17,564.000
0010	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	1,905.000
0011	609E18000	COMBINATION CURB AND GUTTER, TYPE 3 (WT: 38)	FT	18.000
0012	609E26001	CURB, TYPE 6, AS PER PLAN (WT: 38)	FT	91.000
0013	616E10000	WATER (WT: NR)	MGAL	1.000
0014	638E10900	SERVICE BOX ADJUSTED TO GRADE (WT: 35)	EACH	3.000
0015	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		

0016	659E00300	TOPSOIL (WT: 46)	CY	599.000
0017	659E10000	SEEDING AND MULCHING (WT: 46)	SY	5,396.000
0018	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.730
0019	659E31000	LIME (WT: 46)	ACRE	1.110
0020	659E35000	WATER (WT: 46)	MGAL	30.000
0021	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0022	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0023	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0024	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000

Total 0002 EROSION CONTROL

Section	0003	DRAINAGE		
0025	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	25.000
0026	611E01800	8" CONDUIT, TYPE B (WT: 35)	FT	25.000
0027	611E02000	8" CONDUIT, TYPE C (WT: 35)	FT	25.000
0028	611E02500	8" CONDUIT, TYPE E (WT: 35)	FT	25.000
0029	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	75.000
0030	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	55.000
0031	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	128.000
0032	611E05200	12" CONDUIT, TYPE F (WT: 35)	FT	25.000
0033	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	25.000
0034	611E98370	CATCH BASIN, NO. 6 (WT: 35)	EACH	2.000
0035	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	6.000
0036	611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	EACH	2.000
0037	611E98700	INLET, SIDE DITCH (WT: 35)	EACH	1.000
0038	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0039	611E99661	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	3.000

Total 0003 DRAINAGE

Section	0004	PAVEMENT		
0040	304E20000	AGGREGATE BASE (WT: 09)	CY	186.000
0041	452E10051	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS, AS PER PLAN (WT: 12)	SY	400.000
0042	452E12051	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS, AS PER PLAN (WT: 12)	SY	243.000

Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0043	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	590.000
0044	630E08520	STREET NAME SIGN SUPPORT, NO. 3 POST (WT: 42)	FT	21.000
0045	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	3.000
0046	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	307.200
0047	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	12.000
0048	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	11.000
0049	630E97700	SIGNING, MISC.: IN-STREET PEDESTRIAN CROSSING SIGN (WT: 42)	EACH	4.000
0050	630E97700	SIGNING, MISC.: SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) (WT: 42)	EACH	2.000
0051	644E00500	STOP LINE (WT: 45)	FT	22.000
0052	644E00601	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	2,238.000
0053	644E20800	YIELD LINE (WT: 45)	FT	40.000
Total 0005		TRAFFIC CONTROL		
Section	0006	TRAFFIC SIGNALS		
0054	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	77.000
0055	625E25902	CONDUIT, JACKED OR DRILLED, 725.04 (3") (WT: 43)	FT	163.000
0056	625E29500	TRENCH IN PAVED AREA, TYPE A (WT: 43)	FT	77.000
0057	625E30520	PULL BOX, 725.06, SIZE 7 (WT: 43)	EACH	4.000
0058	625E32001	GROUND ROD, AS PER PLAN (WT: 43)	EACH	6.000
0059	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	77.000
0060	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	8.000
0061	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	8.000
0062	632E26001	PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	8.000
0063	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,368.000
0064	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	6.000
0065	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	1.000
0066	632E89800	PEDESTAL, 3', TRANSFORMER BASE (WT: 44)	EACH	4.000

0067	632E89901	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (WT: 44)	EACH	2.000
0068	633E99000	CONTROLLER ITEM, MISC.: CONTROLLER MODIFICATION (WT: 44)	EACH	1.000

Total 0006 TRAFFIC SIGNALS

Section 0007	INCIDENTALS			
0069	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0070	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0071	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0072	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007	INCIDENTALS			

Project Number: 210198

PID: 113758

Franklin

US 33-04.36 PM

E210(112)

Date Set for Completion: 10/15/2021

Type: PAVEMENT MARKING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF COLUMBUS PERRY TOWNSHIP, FRANKLIN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING PAVEMENT MARKINGS ON US-33 AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	EROSION CONTROL		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0001	EROSION CONTROL		
Section	0002	TRAFFIC CONTROL		
0002	621E00100	RPM (WT: 41)	EACH	50.000
0003	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	50.000
0004	644E00104	EDGE LINE, 6" (WT: 45)	MILE	5.720
0005	644E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	5.720
Total	0002	TRAFFIC CONTROL		
Section	0003	MAINTENANCE OF TRAFFIC		
0006	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
Total	0003	MAINTENANCE OF TRAFFIC		
Section	0004	INCIDENTALS		
0007	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0008	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0009	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0004	INCIDENTALS		

Project Number: 210199

PID: 113528

Hamilton

Cincinnati PSIP FY21

E201(041)

DBE Goal: 6%

Date Set for Completion: 11/15/2021

Type: SIDEWALK

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITIES OF NORWOOD AND CINCINNATI, HAMILTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY IMPROVING PEDESTRIAN SAFETY WITH SIDEWALKS, CURB RAMPS, PAVEMENT MARKINGS, SIGNAL IMPROVEMENTS, AND 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	993.000
0003	202E30001	WALK REMOVED, AS PER PLAN (WT: NR)	SF	10,578.000
0004	202E32001	CURB REMOVED, AS PER PLAN (WT: NR)	FT	1,944.000
0005	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	6.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	50.000
0007	608E12000	5" CONCRETE WALK (WT: 38)	SF	7,307.000
0008	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	5,141.000
0009	608E53020	DETECTABLE WARNING (WT: 38)	SF	50.000
0010	608E53021	DETECTABLE WARNING, AS PER PLAN (WT: 38)	SF	644.000
0011	609E26001	CURB, TYPE 6, AS PER PLAN (WT: 38)	FT	1,677.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0012	659E00300	TOPSOIL (WT: 46)	CY	102.000
0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	687.000
0014	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	12.000
0015	659E15000	INTER-SEEDING (WT: 46)	SY	23.000
0016	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.030
0017	659E31000	LIME (WT: 46)	ACRE	0.050

0018	659E35000	WATER (WT: 46)	MGAL	1.000
0019	832E30000	EROSION CONTROL (WT: 08)	EACH	5,250.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0020	611E01800	8" CONDUIT, TYPE B (WT: 35)	FT	97.000
0021	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	98.000
0022	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	98.000
0023	611E98151	CATCH BASIN, NO. 3, AS PER PLAN (WT: 35)	EACH	1.000
0024	611E98181	CATCH BASIN, NO. 3A, AS PER PLAN (WT: 35)	EACH	7.000
0025	611E98690	CATCH BASIN, MISC.:CIN. C.I. (WT: 35)	EACH	4.000
0026	611E99575	MANHOLE, NO. 3, AS PER PLAN (WT: 35)	EACH	2.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0027	253E01000	PAVEMENT REPAIR (WT: 16)	SY	202.000
0028	304E20000	AGGREGATE BASE (WT: 09)	CY	41.000
0029	451E15060	11" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	117.000
0030	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	152.000
Total	0004	PAVEMENT		
Section	0005	WATER WORK		
0031	509E25000	UNCOATED REINFORCING STEEL (CIN 509) (WT: 35)	LB	56.000
0032	602E98200	MASONRY, MISC.: CLASS C (CIN 1110) (WT: 35)	CY	1.000
0033	638E00700	6" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, MECHANICAL JOINTS AND FITTINGS (CIN 1101) (WT: 35)	FT	43.000
0034	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0035	638E20498	SPECIAL - VALVE BOX (CIN 1116) (WT: 35)	EACH	1.000
0036	638E20742	SPECIAL - 1" AIR RELEASE VALVE WITH VALVE BOX (CIN 1116) (WT: 35)	EACH	1.000
0037	638E20766	SPECIAL - 3/4" COPPER WATER SERVICE LINE, WITH AQUA SHIELD (CIN 1126) (WT: 35)	FT	21.000
0038	638E20770	SPECIAL - 1" COPPER WATER SERVICE LINE, WITH AQUA SHIELD (CIN 1126) (WT: 35)	FT	21.000
0039	638E20916	SPECIAL - 2" CURB VALVE AND BOX (RENEW) (CIN 1131) (WT: 35)	EACH	2.000
Total	0005	WATER WORK		
Section	0006	TRAFFIC CONTROL		

0040	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	742.000
0041	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	67.000
0042	630E72520	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 7 (WT: 42)	EACH	1.000
0043	630E76520	SPAN WIRE SIGN SUPPORT, TYPE TC-17.11, DESIGN 8 (WT: 42)	EACH	3.000
0044	630E79200	SIGN ATTACHMENT ASSEMBLY, MAST ARM (WT: 42)	EACH	4.000
0045	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	20.000
0046	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	858.000
0047	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	1.000
0048	630E84520	SPAN WIRE SIGN SUPPORT FOUNDATION (WT: 42)	EACH	6.000
0049	630E85000	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE (WT: NR)	EACH	21.000
0050	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	20.000
0051	630E86006	REMOVAL OF GROUND MOUNTED POST SUPPORT AND STORAGE (WT: NR)	EACH	14.000
0052	630E87000	REMOVAL OF OVERHEAD MOUNTED SIGN AND STORAGE (WT: NR)	EACH	2.000
0053	630E89902	REMOVAL OF MISCELLANEOUS TRAFFIC CONTROL ITEM :MESSENGER WIRE (WT: NR)	EACH	1.000
0054	630E97700	SIGNING, MISC.:SOLAR POWERED RETANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY (WT: 42)	EACH	8.000
0055	642E00800	CURB MARKING, TYPE 1 (WT: 45)	FT	23.000
0056	644E00300	CENTER LINE (WT: 45)	MILE	0.070
0057	644E00500	STOP LINE (WT: 45)	FT	97.000
0058	644E00600	CROSSWALK LINE, 12" WIDTH (WT: 45)	FT	30,646.000
0059	644E00601	CROSSWALK LINE, AS PER PLAN, 12" WIDTH (WT: 45)	FT	143.000
0060	644E00601	CROSSWALK LINE, AS PER PLAN, 24" WIDTH (WT: 45)	FT	110.000
0061	644E01500	DOTTED LINE, 4" (WT: 45)	FT	38.000
0062	644E20800	YIELD LINE (WT: 45)	FT	619.000
0063	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	1,184.000
0064	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	2.000
0065	646E10500	CROSSWALK LINE (WT: 45)	FT	980.000

0066	646E98000	PAVEMENT MARKING, MISC.:SPEED HUMP MARKING (WT: 45)	EACH	8.000
Total 0006		TRAFFIC CONTROL		
Section	0007	TRAFFIC SIGNALS		
0067	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	96.000
0068	625E29500	TRENCH IN PAVED AREA, TYPE A (WT: 43)	FT	96.000
0069	625E32000	GROUND ROD (WT: 43)	EACH	16.000
0070	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	64.000
0071	632E20751	ACCESSIBLE PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	14.000
0072	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	64.000
0073	632E40501	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG, AS PER PLAN (WT: 44)	FT	298.000
0074	632E64021	PEDESTAL FOUNDATION, AS PER PLAN (WT: 44)	EACH	9.000
0075	632E89802	PEDESTAL, 5', TRANSFORMER BASE (WT: 44)	EACH	3.000
0076	632E89900	PEDESTAL, 8', TRANSFORMER BASE (WT: 44)	EACH	3.000
0077	632E90008	PEDESTAL, 15', TRANSFORMER BASE (WT: 44)	EACH	3.000
0078	633E99000	CONTROLLER ITEM, MISC.:LOAD CONTROLLER SETTINGS (WT: 44)	EACH	1.000
Total 0007		TRAFFIC SIGNALS		
Section	0008	MAINTENANCE OF TRAFFIC		
0079	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
0080	616E10000	WATER (WT: NR)	MGAL	10.000
Total 0008		MAINTENANCE OF TRAFFIC		
Section	0009	INCIDENTALS		
0081	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0082	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0083	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0084	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0009		INCIDENTALS		

Project Number: 210200
PID: 107699
Hancock
/ALL-US 224/SR 103-05.25/01.79
E191(154)

DBE Goal: 7%

Date Set for Completion: 10/1/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN HANCOCK AND ALLEN COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PAVEMENT RESURFACING AND 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	10.000
0003	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	4,286.000
0004	203E10000	EXCAVATION (WT: 06)	CY	20.000
0005	203E20000	EMBANKMENT (WT: 06)	CY	314.000
0006	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	165.000
0007	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	12.940
0008	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	4.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0009	616E10000	WATER (WT: NR)	MGAL	1.000
0010	659E10000	SEEDING AND MULCHING (WT: 46)	SY	966.000
0011	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.100
0012	659E31000	LIME (WT: 46)	ACRE	0.200
0013	659E35000	WATER (WT: 46)	MGAL	2.300
0014	832E30000	EROSION CONTROL (WT: 08)	EACH	14,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0015	253E02000	PAVEMENT REPAIR (WT: 16)	CY	235.000

0016	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" DEPTH (WT: 13)	SY	11,628.000
0017	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2" DEPTH (WT: 13)	SY	332.000
0018	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE DEPTH (WT: 13)	SY	582.000
0019	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	500.000
0020	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	870.000
0021	304E20000	AGGREGATE BASE (WT: 09)	CY	461.000
0022	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	10,317.000
0023	408E10000	PRIME COAT (WT: 10)	GAL	141.000
0024	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	4,632.000
0025	441E10200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446) (WT: 10)	CY	212.000
0026	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	268.000
0027	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	864.000
0028	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	8,568.000
0029	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 0.5" DEPTH (WT: 13)	SY	92,075.000
0030	897E02000	PATCHING PLANED SURFACE (WT: 13)	SY	1,842.000

Total 0003 PAVEMENT

Section 0004 TRAFFIC CONTROL

0031	618E41000	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	MILE	4.360
0032	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	5.390
0033	621E00100	RPM (WT: 41)	EACH	461.000
0034	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	461.000
0035	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	12.940
0036	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.050
0037	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	6.390
0038	643E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	405.000
0039	643E00500	STOP LINE (WT: 45)	FT	66.000
0040	643E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	1.000
0041	643E01300	LANE ARROW (WT: 45)	EACH	6.000
0042	643E01510	DOTTED LINE, 6" (WT: 45)	FT	528.000
0043	644E00300	CENTER LINE (WT: 45)	MILE	0.250

0044	644E00500	STOP LINE (WT: 45)	FT	10.000
0045	644E00601	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	46.000
0046	644E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	1.000
0047	644E01350	LANE REDUCTION ARROW (WT: 45)	EACH	2.000
Total	0004	TRAFFIC CONTROL		
Section	0005	MAINTENANCE OF TRAFFIC		
0048	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	62.000
0049	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	3.000
0050	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	6.540
0051	614E21400	WORK ZONE CENTER LINE, CLASS II (WT: 39)	MILE	13.080
Total	0005	MAINTENANCE OF TRAFFIC		
Section	0006	INCIDENTALS		
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
Total	0006	INCIDENTALS		

Project Number: 210201

PID: 113269

Lucas

Toledo Ped Safety Impv

E200(936)

DBE Goal: 6%

Date Set for Completion: 11/30/2021

Type: SPOT SAFETY

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF THE CITY OF TOLEDO, OF LUCAS COUNTY OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY INSTALLING NEW SIGNALS, CROSSWALK ISLANDS, CURB RAMPS, SIDEWALKS, AND PAVEMENT MARKINGS AT VARIOUS LOCATIONS, INCLUDING 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	147.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	2,033.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	236.000
0005	608E10000	4" CONCRETE WALK (WT: 38)	SF	5,031.000
0006	608E13000	6" CONCRETE WALK (WT: 38)	SF	360.000
0007	608E52000	CURB RAMP (WT: 38)	SF	849.000
0008	608E53020	DETECTABLE WARNING (WT: 38)	SF	140.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0009	660E30000	SODDING UNSTAKED (WT: 46)	SY	120.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0010	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	53.000
0011	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	2.000
0012	611E98645	CATCH BASIN GRATE, AS PER PLAN (WT: 35)	EACH	2.000
0013	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	3.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		

0014	253E01000	PAVEMENT REPAIR (WT: 16)	SY	46.000
0015	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2" DEPTH (WT: 13)	SY	235.000
0016	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	19.000
0017	304E20000	AGGREGATE BASE (WT: 09)	CY	15.000
0018	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	26.000
0019	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	85.000
0020	609E14000	CURB, TYPE 2-A (WT: 38)	FT	78.000
0021	609E16000	CURB, TYPE 2-B (WT: 38)	FT	15.000
0022	609E24500	CURB, TYPE 4-B (WT: 38)	FT	136.000
0023	609E72100	CONCRETE MEDIAN (WT: 38)	CY	19.000

Total 0004 PAVEMENT

Section	0005	TRAFFIC CONTROL		
0024	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	50.000
0025	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	991.000
0026	630E70082	OVERHEAD SIGN SUPPORT FOUNDATION, DMS PEDESTAL (WT: 42)	EACH	9.000
0027	630E72520	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 7 (WT: 42)	EACH	5.000
0028	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	717.000
0029	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	19.000
0030	630E97700	SIGNING, MISC.:SOLAR POWERED FLASHING BEACON SYSTEM SIGN ASSEMBLY (WT: 42)	EACH	2.000
0031	630E97700	SIGNING, MISC.:SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY (WT: 42)	EACH	14.000
0032	644E00300	CENTER LINE: SOLID DOUBLE (WT: 45)	MILE	0.040
0033	644E00300	CENTER LINE: SOLID SINGLE YELLOW (WT: 45)	MILE	0.020
0034	644E00500	STOP LINE (WT: 45)	FT	52.000
0035	644E00601	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	16,624.000
0036	644E00700	TRANSVERSE/DIAGONAL LINE: YELLOW (WT: 45)	FT	46.000
0037	644E20801	YIELD LINE, AS PER PLAN (WT: 45)	FT	255.000
0038	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	10,194.000

Total 0005		TRAFFIC CONTROL		
Section	0006	TRAFFIC SIGNALS		
0039	625E18600	BRACKET ARM, MISC.:INSTALLATION ONLY (WT: 43)	EACH	2.000
0040	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	130.000
0041	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	25.000
0042	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 2" (WT: 43)	FT	75.000
0043	625E29000	TRENCH (WT: 43)	FT	155.000
0044	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	6.000
0045	625E32000	GROUND ROD (WT: 43)	EACH	28.000
0046	632E04000	VEHICULAR SIGNAL HEAD, MISC.:3 SECTION (HYBRID BEACON: RED-RED-YELLOW) (WT: 44)	EACH	8.000
0047	632E20730	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN (WT: 44)	EACH	370.000
0048	632E20750	ACCESSIBLE PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	8.000
0049	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	5,610.000
0050	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	635.000
0051	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	22.000
0052	632E72100	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 2 (WT: 44)	EACH	4.000
0053	632E89500	PEDESTAL, 3' (WT: 44)	EACH	5.000
0054	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, PEDESTRIAN PUSH BUTTON (WT: 44)	EACH	4.000
0055	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	366.000
0056	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, RRFB SIGN ASSEMBLY (WT: 44)	EACH	3.000
0057	633E65510	CABINET, TYPE TS-2 (WT: 44)	EACH	2.000
0058	633E67100	CABINET FOUNDATION (WT: 44)	EACH	2.000
0059	809E69122	ATC V6.24 CONTROLLER (WT: 44)	EACH	2.000
Total 0006		TRAFFIC SIGNALS		
Section	0007	INCIDENTALS		
0060	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000

0061	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0062	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0063	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		

Project Number: 210202

PID: 110490

Lucas

US 20-13.40 Safety Grp A

E190(756)

DBE Goal: 8%

Date Set for Completion: 8/31/2021

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING A SECTION IN LUCAS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY IMPROVING AN INTERSECTION INCLUDING MINOR WIDENING, ASPHALT RESURFACING, TRAFFIC CONTROLS, AND 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	1,042.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	5,126.000
0004	202E30800	TRAFFIC ISLAND REMOVED (WT: NR)	SY	132.000
0005	202E32000	CURB REMOVED (WT: NR)	FT	900.000
0006	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	160.000
0007	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	2.000
0008	202E75610	VALVE BOX REMOVED (WT: NR)	EACH	1.000
0009	203E10000	EXCAVATION (WT: 06)	CY	279.000
0010	203E20000	EMBANKMENT (WT: 06)	CY	187.000
0011	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,143.000
0012	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0013	608E10000	4" CONCRETE WALK (WT: 38)	SF	4,199.000
0014	608E52000	CURB RAMP (WT: 38)	SF	1,177.000
0015	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0016	659E00300	TOPSOIL (WT: 46)	CY	192.000
0017	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,730.000

0018	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	87.000
0019	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.230
0020	659E31000	LIME (WT: 46)	ACRE	0.360
0021	659E35000	WATER (WT: 46)	MGAL	10.000
0022	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0023	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	100.000
0024	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	1,064.000
0025	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	100.000
0026	611E04401	12" CONDUIT, TYPE B, AS PER PLAN (WT: 35)	FT	13.000
0027	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	1.000
0028	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	1.000
0029	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	3.000
0030	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	13.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0031	251E01020	PARTIAL DEPTH PAVEMENT REPAIR (442) (WT: 16)	SY	351.000
0032	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	150.000
0033	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, VARIES (WT: 13)	SY	7,017.000
0034	255E10160	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS (WT: 17)	SY	141.000
0035	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	299.000
0036	304E20000	AGGREGATE BASE (WT: 09)	CY	213.000
0037	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	624.000
0038	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448), PG 70-22M (WT: 10)	CY	346.000
0039	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448), PG 70-22M, AS PER PLAN (WT: 10)	CY	358.000
0040	609E54000	6" CONCRETE TRAFFIC ISLAND (WT: 38)	SY	191.000
0041	609E98000	CURB, MISC.:CONCRETE CURB - TYPE A (CITY OF TOLEDO) (WT: 38)	FT	1,425.000
Total 0004		PAVEMENT		
Section	0005	WATER WORK		

0042	638E01201	8" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS, AS PER PLAN (BY CITY) (WT: 35)	FT	15.000
0043	638E10480	FIRE HYDRANT REMOVED (BY CITY) (WT: 35)	EACH	1.000
0044	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	6.000
0045	638E98000	WATER WORK, MISC.:STANDARD FIRE HYDRANT ASSEMBLY, AS PER PLAN (BY CITY) (WT: 35)	EACH	1.000
Total 0005		WATER WORK		
Section 0006	SANITARY SEWER			
0046	611E99690	MANHOLE, MISC.: MANHOLE LID REMOVED AND REPLACED (WT: 35)	EACH	3.000
Total 0006		SANITARY SEWER		
Section 0007	TRAFFIC CONTROL			
0047	625E32000	GROUND ROD (WT: 43)	EACH	1.000
0048	630E03101	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN (WT: 42)	FT	131.500
0049	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	3.000
0050	630E79100	SIGN HANGER ASSEMBLY, MAST ARM (WT: 42)	EACH	4.000
0051	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	16.000
0052	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	138.500
0053	630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	SF	48.000
0054	630E80500	SIGN, DOUBLE FACED, STREET NAME (WT: 42)	EACH	4.000
0055	630E84511	RIGID OVERHEAD SIGN SUPPORT FOUNDATION, AS PER PLAN (WT: 42)	EACH	1.000
0056	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	6.000
0057	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	6.000
0058	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	3.000
0059	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	9.000
0060	630E89702	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0061	630E97700	SIGNING, MISC.:OVERHEAD SIGN SUPPORT, CITY OF TOLEDO DESIGN (WT: 42)	EACH	1.000
0062	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.110
0063	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.290

0064	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.200
0065	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	871.000
0066	644E00500	STOP LINE (WT: 45)	FT	206.000
0067	644E00601	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	352.000
0068	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	119.000
0069	644E01300	LANE ARROW (WT: 45)	EACH	15.000
0070	644E01510	DOTTED LINE, 6" (WT: 45)	FT	553.000
0071	644E20800	YIELD LINE, TYPE 1 (WT: 45)	FT	55.000

Total 0007 TRAFFIC CONTROL

Section	0008	TRAFFIC SIGNALS		
0072	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	4.000
0073	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	4.000
0074	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	8.000
0075	625E18510	BRACKET ARM, 30' (WT: 43)	EACH	4.000
0076	625E23000	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	545.000
0077	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	556.000
0078	625E25503	CONDUIT, 3", 725.05, AS PER PLAN (WT: 43)	FT	425.000
0079	625E25603	CONDUIT, 4", 725.05, AS PER PLAN (WT: 43)	FT	40.000
0080	625E25903	CONDUIT, JACKED OR DRILLED, 725.04, AS PER PLAN, 4" (WT: 43)	FT	370.000
0081	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-II (WT: 43)	EACH	4.000
0082	625E29001	TRENCH, AS PER PLAN (WT: 43)	FT	465.000
0083	625E31600	PULL BOX, MISC.:PULL BOX RECONSTRUCTED TO GRADE (WT: 43)	EACH	2.000
0084	625E31600	PULL BOX, MISC.:PULL BOX, TYPE A (WT: 43)	EACH	7.000
0085	625E31600	PULL BOX, MISC.:PULL BOX, TYPE S (WT: 43)	EACH	7.000
0086	625E32001	GROUND ROD, AS PER PLAN (WT: 43)	EACH	11.000
0087	625E76000	ARC FLASH CALCULATIONS AND LABEL, POWER SERVICE (WT: NR)	EACH	1.000
0088	625E76000	ARC FLASH CALCULATIONS AND LABEL, SIGNAL CABINET (WT: NR)	EACH	1.000
0089	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	12.000

0090	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	2.000
0091	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	8.000
0092	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	14.000
0093	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	8.000
0094	632E26001	PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	8.000
0095	632E40201	SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG, AS PER PLAN (WT: 44)	FT	160.000
0096	632E40501	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG, AS PER PLAN (WT: 44)	FT	990.000
0097	632E40701	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG, AS PER PLAN (WT: 44)	FT	1,215.000
0098	632E41200	SIGNAL CABLE, 12 CONDUCTOR, NO. 14 AWG, AS PER PLAN (WT: 44)	FT	730.000
0099	632E64011	SIGNAL SUPPORT FOUNDATION, AS PER PLAN (WT: 44)	EACH	4.000
0100	632E64021	PEDESTAL FOUNDATION, AS PER PLAN (WT: 44)	EACH	6.000
0101	632E67200	POWER CABLE, 2 CONDUCTOR, NO. 8 AWG (WT: 44)	FT	71.000
0102	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0103	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	1.000
0104	632E81700	COMBINATION SIGNAL SUPPORT, MISC.: COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 13, INSTALLATION (WT: 44)	EACH	2.000
0105	632E81700	COMBINATION SIGNAL SUPPORT, MISC.: COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 14, INSTALLATION (WT: 44)	EACH	2.000
0106	632E89900	PEDESTAL, 8', TRANSFORMER BASE (WT: 44)	EACH	6.000
0107	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	1.000
0108	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0109	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	1.000
0110	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0111	633E99000	CONTROLLER ITEM, MISC.: CONTROLLER UNIT, SIEMENS M60, TYPE TS2/A2 WITH CABINET, SIZE P-UPS, TYPE TS2 (WT: 44)	EACH	1.000

0112	633E99000	CONTROLLER ITEM, MISC.: ETHERNET SWITCH, CABINET (WT: 44)	EACH	1.000
0113	804E15031	FIBER OPTIC CABLE, 72 FIBER, AS PER PLAN (WT: 55)	FT	443.000
0114	804E30001	FAN-OUT KIT, 6 FIBER, AS PER PLAN (WT: 55)	EACH	1.000
0115	804E32001	DROP CABLE, 6 FIBER, AS PER PLAN (WT: 55)	EACH	1.000
0116	804E33001	FIBER OPTIC PATCH CORD, 4 FIBER, AS PER PLAN (WT: 55)	EACH	1.000
0117	804E34001	FIBER TERMINATION PANEL, 6 FIBER, AS PER PLAN (WT: 55)	EACH	1.000
0118	804E37001	SPLICE ENCLOSURE, AS PER PLAN (WT: 55)	EACH	2.000
0119	804E98100	FIBER OPTIC CABLE, MISC.: FIBER MODULE (WT: 55)	EACH	1.000
0120	816E30001	VIDEO DETECTION SYSTEM, AS PER PLAN (WT: 44)	EACH	1.000

Total 0008 TRAFFIC SIGNALS

Section	0009	MAINTENANCE OF TRAFFIC		
0121	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	10.000
0122	608E21200	TEMPORARY ASPHALT CONCRETE WALK (WT: 10)	SF	4,135.000
0123	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	120.000
0124	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	EACH	1.000
0125	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	5.000
0126	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	25.000
0127	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	12.000
0128	614E20000	WORK ZONE LANE LINE, CLASS I, 4" (WT: 39)	MILE	0.920
0129	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.230
0130	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	0.460
0131	614E23010	WORK ZONE CHANNELIZING LINE, CLASS I, 12" (WT: 39)	FT	800.000
0132	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	312.000
0133	614E27000	WORK ZONE CROSSWALK LINE, CLASS I (WT: 39)	FT	1,600.000
0134	616E10000	WATER (WT: NR)	MGAL	25.000

Total 0009 MAINTENANCE OF TRAFFIC

Section	0010	INCIDENTALS		
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0135	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0136	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0137	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0138	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0010		INCIDENTALS		

Project Number: 210203

PID: 110939

Medina

IR 76-01.80

E201(184)

Date Set for Completion: 9/30/2021

Type: MISCELLANEOUS

Plan Cost: N/A

FOR IMPROVING MED-76-1.80 IN MEDINA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY APPLYING A SPRAY APPLIED LINING TO TWIN 36" X 58" CORRUGATED METAL PIPE ARCHES UNDER I-76.

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	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	390.000
0003	202E75200	FENCE REMOVED FOR REUSE (WT: NR)	FT	110.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0004	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	9.000
0005	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0006	659E00300	TOPSOIL (WT: 46)	CY	31.000
0007	659E10000	SEEDING AND MULCHING (WT: 46)	SY	275.000
0008	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	14.000
0009	659E15000	INTER-SEEDING (WT: 46)	SY	14.000
0010	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.040
0011	659E31000	LIME (WT: 46)	ACRE	0.060
0012	659E35000	WATER (WT: 46)	MGAL	1.530
0013	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		

0014	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0015	611E97400	CONDUIT, MISC.: VIDEO LOG (WT: 35)	FT	390.000
0016	833E12000	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, ARCH (58" SPAN X 36" RISE) (WT: 35)	FT	390.000

Total 0003 DRAINAGE

Section 0004 MAINTENANCE OF TRAFFIC

0017	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
0018	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	2.000

Total 0004 MAINTENANCE OF TRAFFIC

Section 0005 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	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0022	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0005 INCIDENTALS

Project Number: 210204

PID: 112504

Miami

US 36-11.56

E200(630)

DBE Goal: 5%

Date Set for Completion: 10/1/2021

Type: SIGNALIZATION

Plan Cost: N/A

FOR IMPROVING A SECTION OF THE CITY OF PIQUA, OF MIAMI COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY INSTALLING TRAFFIC SIGNAL UPGRADES AT BOTH (1) US-36 & KIENLE DR AND (2) AT US-36 AND HOME DEPOT SOUTH (ENTRANCE/EXIT). AS WELL AS BY INSTALLING ADA CURB/WALK UPGRADES AT BOTH INTERSECTIONS.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	Roadway		
0001	202E23000	PAVEMENT REMOVED ASPHALT (WT: NR)	SY	53.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	237.000
0003	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	233.000
0004	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	102.000
0005	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	238.000
0006	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	1,122.000
0007	608E53020	DETECTABLE WARNING (WT: 38)	SF	136.000
Total	0001	Roadway		
Section	0002	Erosion Control		
0008	659E00300	TOPSOIL (WT: 46)	CY	15.000
0009	659E10000	SEEDING AND MULCHING (WT: 46)	SY	100.000
0010	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	10.000
0011	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.250
0012	659E35000	WATER (WT: 46)	MGAL	15.000
0013	659E40000	MOWING (WT: 46)	MSF	5.000
0014	670E00710	DITCH EROSION PROTECTION MAT, TYPE A (WT: 46)	SY	20.000
0015	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0002	Erosion Control		

Section 0003		Pavement		
0016	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	15.000
0017	304E20000	AGGREGATE BASE (WT: 09)	CY	14.000
0018	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	9.000
0019	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) 1 1/2" (WT: 10)	CY	3.000
0020	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) 1 1/2" (WT: 10)	CY	3.000
0021	609E12001	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN (WT: 38)	FT	238.000
Total 0003		Pavement		
Section 0004		Traffic Control		
0022	642E00100	EDGE LINE, 4", TYPE 1 (WT: 45)	MILE	0.680
0023	642E00200	LANE LINE, 4", TYPE 1 (WT: 45)	MILE	0.550
0024	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.500
0025	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	988.000
0026	644E00500	STOP LINE (WT: 45)	FT	233.000
0027	644E00601	CROSSWALK LINE, AS PER PLAN, 24" (WT: 45)	FT	650.000
0028	644E01300	LANE ARROW (WT: 45)	EACH	23.000
0029	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	184.000
0030	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	14.000
Total 0004		Traffic Control		
Section 0005		Traffic Signals		
0031	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	198.000
0032	625E29002	TRENCH, 24" DEEP (WT: 43)	FT	198.000
0033	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	3.000
0034	625E31600	PULL BOX, MISC.: MODIFY EXISITNG PULL BOX (WT: 43)	EACH	5.000
0035	625E31600	PULL BOX, MISC.:ADJUST PULL BOX TO GRADE (WT: 43)	EACH	1.000
0036	625E32000	GROUND ROD (WT: 43)	EACH	7.000
0037	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	2.000
0038	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	4.500
0039	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000

0040	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	15.000
0041	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	1.000
0042	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	12.000
0043	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	16.000
0044	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	12.000
0045	632E26001	PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	6.000
0046	632E26500	DETECTOR LOOP (WT: 44)	EACH	2.000
0047	632E27004	LOOP DETECTOR UNIT (WT: 44)	EACH	1.000
0048	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	FT	764.000
0049	632E40200	SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,080.000
0050	632E40300	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,462.000
0051	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	7.000
0052	632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	FT	680.000
0053	632E89901	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (WT: 44)	EACH	7.000
0054	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: REMOVAL OF PEDESTRIAN PUSHBUTTON FOR STORAGE (WT: 44)	EACH	4.000
0055	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: REMOVAL OF PEDESTRIAN SIGNAL HEADS FOR STORAGE (WT: 44)	EACH	8.000
0056	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: REMOVAL OF TRAFFIC SIGNAL HEADS FOR STORAGE (WT: 44)	EACH	16.000
0057	633E99000	CONTROLLER ITEM, MISC.:MODIFY EXISTING CONTROLLER CABINET (WT: 44)	EACH	2.000
Total 0005		Traffic Signals		
Section 0006	Maintenance of Traffic			
0058	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	32.000
Total 0006		Maintenance of Traffic		
Section 0007	INCIDENTALS			

0059	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0060	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0061	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0062	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		

Project Number: 210205
PID: 113467
Miami
SR 571/Main St Resurfacing
E201(008)

DBE Goal: 6%

Date Set for Completion: 7/31/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING A SECTION IN MIAMI COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING AN EXISTING ROADWAY AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	203E10000	EXCAVATION (WT: 06)	CY	300.000
Total	0001	ROADWAY		
Section	0002	PAVEMENT		
0002	253E02000	PAVEMENT REPAIR (WT: 16)	CY	400.000
0003	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (1 1/2") (WT: 13)	SY	10,385.000
0004	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	105.000
0005	304E20000	AGGREGATE BASE (WT: 09)	CY	300.000
0006	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	778.000
0007	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	435.000
Total	0002	PAVEMENT		
Section	0003	TRAFFIC CONTROL		
0008	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	2.000
0009	632E27200	LOOP DETECTOR TIE IN (WT: 44)	EACH	2.000
0010	644E00200	LANE LINE, 4" (WT: 45)	MILE	0.610
0011	644E00300	CENTER LINE (WT: 45)	MILE	0.770
0012	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	398.000
0013	644E00500	STOP LINE (WT: 45)	FT	62.000
0014	644E00600	CROSSWALK LINE (WT: 45)	FT	319.000
0015	644E01300	LANE ARROW (WT: 45)	EACH	7.000

0016	644E01400	WORD ON PAVEMENT, 72" (WT: 45)	EACH	1.000
Total	0003	TRAFFIC CONTROL		
Section	0004	MAINTENANCE OF TRAFFIC		
0017	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	10.000
0018	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	1.220
0019	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	1.540
0020	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	796.000
0021	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	62.000
0022	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	638.000
0023	616E10000	WATER (WT: NR)	MGAL	0.250
Total	0004	MAINTENANCE OF TRAFFIC		
Section	0005	INCIDENTALS		
0024	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0025	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0026	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0027	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0005	INCIDENTALS		

Project Number: 210206

PID: 102262

Montgomery

US 35-07.21/08.01

E160(242)

DBE Goal: 5.0%

Date Set for Completion: 10/1/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING MOT-35-7.21/8.01 IN MONTGOMERY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE EXISTING CULVERTS WITH A 12" REINFORCED CONCRETE PIPE AND A 38" X 60" REINFORCED ELLIPTICAL CONCRETE PIPE.

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	202E11000	STRUCTURE REMOVED, 30" X 30" CONC. BOX (WT: 35)	LS	1.000
0003	202E20010	HEADWALL REMOVED (WT: NR)	EACH	2.000
0004	202E23000	PAVEMENT REMOVED (WT: NR)	SY	226.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	137.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	91.000
0007	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	2.000
0008	203E10000	EXCAVATION (WT: 06)	CY	198.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	75.000
0010	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	173.000
0011	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	87.500
0012	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	2.000
0013	607E35001	FENCE REMOVED AND REBUILT, AS PER PLAN (WT: NR)	FT	20.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0014	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	30.000
0015	659E00300	TOPSOIL (WT: 46)	CY	93.000
0016	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	836.000

0017	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	42.000
0018	659E15000	INTER-SEEDING (WT: 46)	SY	42.000
0019	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.120
0020	659E31000	LIME (WT: 46)	ACRE	0.180
0021	659E35000	WATER (WT: 46)	MGAL	4.628
0022	832E30000	EROSION CONTROL (WT: 08)	EACH	7,876.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0023	602E20000	CONCRETE MASONRY (WT: 35)	CY	2.240
0024	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	50.000
0025	611E01100	6" CONDUIT, TYPE C (WT: 35)	FT	50.000
0026	611E01101	6" CONDUIT, TYPE C, AS PER PLAN (WT: 35)	FT	12.000
0027	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	50.000
0028	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	50.000
0029	611E02001	8" CONDUIT, TYPE C, AS PER PLAN (WT: 35)	FT	20.000
0030	611E04400	12" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	74.000
0031	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	55.000
0032	611E53000	38" X 60" CONDUIT, TYPE A, 706.04 (WT: 35)	FT	80.000
0033	611E97400	CONDUIT, MISC.:6" RISER ASSEMBLY (WT: 35)	FT	6.000
0034	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	2.000
0035	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	3.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0036	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	165.000
0037	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	45.000
0038	304E20000	AGGREGATE BASE (WT: 09)	CY	30.000
0039	407E10000	TACK COAT (WT: 10)	GAL	33.000
0040	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	17.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0041	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1.000
0042	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	3.000
0043	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	11.000

0044	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	14.000
0045	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0046	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0047	630E97700	SIGNING, MISC.: SUBSURFACE DRAINAGE MARKERS (WT: 42)	EACH	2.000
0048	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.020
0049	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.020
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0050	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	INCIDENTALS		
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		

Project Number: 210207

PID: 21640

Muskingum

IR 70-05.57

E191(208)

DBE Goal: 7%

Date Set for Completion: 8/15/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN SPRINGFIELD AND FALLS TOWNSHIPS, MUSKINGUM COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING AND RESURFACING ASPHALT ON I.R. 70, MINOR STRUCTURE PATCHING, AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	203E10000	EXCAVATION (WT: 06)	CY	205.000
0002	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,016.000
0003	209E60500	LINEAR GRADING (WT: 06)	MILE	16.040
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0004	659E00510	SEEDING AND MULCHING, CLASS 2 (WT: 46)	SY	1,000.000
0005	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0006	253E02000	PAVEMENT REPAIR (A) (WT: 16)	CY	250.000
0007	253E02000	PAVEMENT REPAIR (B) (WT: 16)	CY	700.000
0008	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.25" (WT: 13)	SY	1,016.000
0009	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.75" (WT: 13)	SY	192,730.000
0010	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	170.000
0011	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	15,587.000
0012	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	8,000.000
0013	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	71.000

0014	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	5,972.000
0015	442E10300	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447) (WT: 10)	CY	9,372.000
0016	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (A) (WT: 29)	FT	192.000
0017	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	1,104.000
0018	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	16.040
0019	690E98400	SPECIAL - PAVER MOUNTED THERMAL PROFILING (PMTP) (WT: 10)	LS	1.000
Total 0003		PAVEMENT		
Section 0004	TRAFFIC CONTROL			
0020	621E00100	RPM (WT: 41)	EACH	442.000
0021	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	442.000
0022	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	17.140
0023	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	8.080
0024	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	1,610.000
0025	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	1,639.000
0026	642E40001	SPEED MEASUREMENT MARKING, AS PER PLAN (WT: 45)	EACH	4.000
Total 0004		TRAFFIC CONTROL		
Section 0005	MAINTENANCE OF TRAFFIC			
0027	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	198.000
0028	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	350.000
0029	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	25.000
0030	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	16.000
0031	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	0.060
0032	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	0.120
0033	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	18.000
Total 0005		MAINTENANCE OF TRAFFIC		
Section 0006	STRUCTURE REPAIR (MUS-70-0693L)			
0034	202E11301	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	CY	5.000

0035	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	620.000
0036	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	81.000
0037	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) (WT: 10)	CY	78.000
0038	511E34445	CLASS QC2 CONCRETE, BRIDGE DECK, AS PER PLAN (WT: 29)	CY	5.000
0039	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	486.000
Total 0006		STRUCTURE REPAIR (MUS-70-0693L)		
Section	0007	STRUCTURE REPAIR (MUS-70-0694R)		
0040	202E11301	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	CY	5.000
0041	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	620.000
0042	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	81.000
0043	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) (WT: 10)	CY	78.000
0044	511E34445	CLASS QC2 CONCRETE, BRIDGE DECK, AS PER PLAN (WT: 29)	CY	5.000
0045	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	486.000
Total 0007		STRUCTURE REPAIR (MUS-70-0694R)		
Section	0008	STRUCTURE REPAIR (MUS-70-0851)		
0046	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	968.000
0047	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	73.000
0048	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (B) (WT: 29)	FT	54.000
0049	646E10200	CENTER LINE (WT: 45)	MILE	0.070
Total 0008		STRUCTURE REPAIR (MUS-70-0851)		
Section	0009	STRUCTURE REPAIR (MUS-70-0959L)		
0050	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	2,300.000
0051	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.160
0052	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.080
Total 0009		STRUCTURE REPAIR (MUS-70-0959L)		
Section	0010	STRUCTURE REPAIR (MUS-70-0961R)		
0053	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	2,588.000
0054	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.180

0055	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.090
Total	0010	STRUCTURE REPAIR (MUS-70-0961R)		
Section	0011	STRUCTURE REPAIR (MUS-40-0919)		
0056	202E11301	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	CY	0.500
0057	511E34445	CLASS QC2 CONCRETE, BRIDGE DECK, AS PER PLAN (WT: 29)	CY	0.500
0058	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	242.000
0059	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.040
Total	0011	STRUCTURE REPAIR (MUS-40-0919)		
Section	0012	STRUCTURE REPAIR (MUS-40-0925)		
0060	202E11301	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	CY	0.500
0061	511E34445	CLASS QC2 CONCRETE, BRIDGE DECK, AS PER PLAN (WT: 29)	CY	0.500
0062	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	291.000
0063	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.040
Total	0012	STRUCTURE REPAIR (MUS-40-0925)		
Section	0013	STRUCTURE REPAIR (MUS-40-0940)		
0064	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	296.000
0065	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.040
0066	646E20320	WRONG WAY ARROW (WT: 45)	EACH	1.000
Total	0013	STRUCTURE REPAIR (MUS-40-0940)		
Section	0014	INCIDENTALS		
0067	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0068	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0069	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0070	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0014	INCIDENTALS		

Project Number: 210208
PID: 101004
Muskingum
SR-SR 60-00.00 (PART 1 AND PART 2)
E170(058)

DBE Goal: 8%

Date Set for Completion: 8/31/2023

Type: MAJOR RECONSTRUCTION

Plan Cost: \$94.00

PLEASE NOTE THIS THIS IS A PART 1 AND PART 2 PROJECT. PART 1: FOR IMPROVING VARIOUS SECTIONS OF ROADWAY WITHIN BLUE ROCK AND WAYNE TOWNSHIPS, OF MUSKINGUM COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING A FULL DEPTH RECONSTRUCTION OF STATE ROUTE 60 FROM THE MUSKINGUM/MORGAN COUNTY BORDER TO JUST SOUTH OF PHILO. PROJECT INCLUDES FULL DEPTH PAVEMENT AND BASE REPLACEMENT, VARIOUS DRAINAGE WORK, EXTENSIVE CONCRETE PATCHING AND REPAIRS OF THE STRUCTURE OVER SALT CREEK AND MINOR REPAIRS TO THE STRUCTURE OVER RIPPLE RUN, AND ALL OTHER RELATED ITEMS OF WORK. THIS PART WILL BE CONSTRUCTED PARTIAL WIDTH TO ACCOMODATE TRAFFIC. PART 2: FOR IMPROVING VARIOUS SECTIONS WITHIN HARRISON TOWNSHIP, OF MUSKINGUM COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING 2 BOX CULVERTS ON STATE ROUTE 60 AT SLM 0.29 AND 0.89, INCLUDING ALL RELATED ITEMS OF WORK. THIS PART WILL ALLOW ROAD CLOSURE AND DETOUR.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY (PART 1)		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	113,183.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	567.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	12,309.000
0005	202E53100	MAILBOX REMOVED (WT: NR)	EACH	72.000
0006	202E98100	REMOVAL MISC.: BOAT (WT: NR)	EACH	1.000
0007	202E98100	REMOVAL MISC.: BUSH (WT: NR)	EACH	6.000
0008	202E98100	REMOVAL MISC.: CAMPER (WT: NR)	EACH	1.000
0009	202E98100	REMOVAL MISC.: CAR PORT (WT: NR)	EACH	1.000
0010	202E98100	REMOVAL MISC.: CINDER BLOCK (WT: NR)	EACH	13.000
0011	202E98100	REMOVAL MISC.: DECK (WT: NR)	EACH	1.000
0012	202E98100	REMOVAL MISC.: INSPECTION WELL (WT: NR)	EACH	1.000
0013	202E98100	REMOVAL MISC.: LANDSCAPED AREA (WT: NR)	EACH	1.000

0014	202E98100	REMOVAL MISC.: LANSCAPING TIMBERS (WT: NR)	EACH	22.000
0015	202E98100	REMOVAL MISC.: PRIVATE FENCE POST (WT: NR)	EACH	2.000
0016	202E98100	REMOVAL MISC.: PRIVATE LIGHT POLE (WT: NR)	EACH	1.000
0017	202E98100	REMOVAL MISC.: PRIVATE SIGN (WT: NR)	EACH	9.000
0018	202E98100	REMOVAL MISC.: ROCK (WT: NR)	EACH	14.000
0019	202E98100	REMOVAL MISC.: SATELLITE DISH (WT: NR)	EACH	1.000
0020	202E98100	REMOVAL MISC.: STATUE (WT: NR)	EACH	1.000
0021	202E98100	REMOVAL MISC.: TRAILER (WT: NR)	EACH	7.000
0022	202E98100	REMOVAL MISC.: TREE (WT: NR)	EACH	1.000
0023	202E98100	REMOVAL MISC.: VEHICLE (WT: NR)	EACH	2.000
0024	202E98100	REMOVAL MISC.: WATER HAND PUMP (WT: NR)	EACH	1.000
0025	202E98100	REMOVAL MISC.: WOODEN STAIRCASE (WT: NR)	EACH	1.000
0026	202E98200	REMOVAL MISC.: CONDUIT (WT: NR)	FT	50.000
0027	202E98200	REMOVAL MISC.: PRIVATE FENCE (WT: NR)	FT	381.000
0028	203E10000	EXCAVATION (WT: 04)	CY	19,194.000
0029	203E20000	EMBANKMENT (WT: 04)	CY	10,496.000
0030	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	100.000
0031	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	162,314.000
0032	204E13000	EXCAVATION OF SUBGRADE (WT: 04)	CY	44,773.000
0033	204E20000	EMBANKMENT (WT: 04)	CY	6,840.000
0034	204E30010	GRANULAR MATERIAL, TYPE B (WT: 04)	CY	51,414.000
0035	204E45000	PROOF ROLLING (WT: NR)	HOUR	46.000
0036	204E51000	GEOGRID (WT: 06)	SY	148,780.000
0037	209E72051	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	MILE	15.930
0038	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	18,287.500
0039	606E15150	GUARDRAIL, TYPE MGS HALF POST SPACING (WT: 36)	FT	1,325.000
0040	606E18500	GUARDRAIL POST, 9 FEET (WT: 36)	EACH	389.000
0041	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	48.000
0042	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	28.000
0043	606E35140	BRIDGE TERMINAL ASSEMBLY, TYPE 4 (WT: 36)	EACH	7.000
0044	690E50000	SPECIAL - MAILBOX SUPPORT (WT: NR)	EACH	71.000

0045	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
Total 0001		ROADWAY (PART 1)		
Section	0002	EROSION CONTROL (PART 1)		
0046	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	54.000
0047	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0048	659E00300	TOPSOIL (WT: 46)	CY	13,002.000
0049	659E00510	SEEDING AND MULCHING, CLASS 2 (WT: 46)	SY	102,327.000
0050	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	5,116.000
0051	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	13.810
0052	659E31000	LIME (WT: 46)	ACRE	21.140
0053	659E35000	WATER (WT: 46)	MGAL	553.000
0054	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	13,484.000
0055	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	1,324.000
0056	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0057	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0058	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0059	832E30000	EROSION CONTROL (WT: 08)	EACH	525,000.000
Total 0002		EROSION CONTROL (PART 1)		
Section	0003	DRAINAGE (PART 1)		
0060	605E11100	6" SHALLOW PIPE UNDERDRAINS (WT: 35)	FT	33,454.000
0061	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	50,360.000
0062	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	2,111.000
0063	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	50.000
0064	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	50.000
0065	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	50.000
0066	611E02400	8" CONDUIT, TYPE D (WT: 35)	FT	106.000
0067	611E03400	10" CONDUIT, TYPE D (WT: 35)	FT	104.000
0068	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	93.000
0069	611E06400	15" CONDUIT, TYPE D (WT: 35)	FT	264.000
0070	611E97400	CONDUIT, MISC.: TYPE B FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	50.000
0071	611E97400	CONDUIT, MISC.: TYPE C FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	50.000

0072	611E97400	CONDUIT, MISC.: TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	50.000
0073	611E97400	CONDUIT, MISC.: TYPE F FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	50.000
0074	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	57.000
0075	611E99720	INSPECTION WELL (WT: 35)	EACH	1.000
Total 0003		DRAINAGE (PART 1)		
Section	0004	PAVEMENT (PART 1)		
0076	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	24,174.000
0077	304E20000	AGGREGATE BASE (WT: 09)	CY	24,953.000
0078	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	15,706.000
0079	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	1,325.000
0080	441E10100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG70-22M (WT: 10)	CY	5,046.000
0081	441E10200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446) (WT: 10)	CY	6,909.000
0082	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	62.000
0083	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	134.000
0084	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	132.000
0085	618E41000	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	MILE	16.060
0086	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	8.030
Total 0004		PAVEMENT (PART 1)		
Section	0005	TRAFFIC CONTROL (PART 1)		
0087	621E00100	RPM (WT: 41)	EACH	531.000
0088	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	531.000
0089	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	275.000
0090	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	158.000
0091	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	1,099.000
0092	630E04100	GROUND MOUNTED SUPPORT, NO. 4 POST (WT: 42)	FT	15.000
0093	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	10.000

0094	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	1.000
0095	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	570.500
0096	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	129.000
0097	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	99.000
0098	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0099	644E00104	EDGE LINE, 6" (WT: 45)	MILE	16.060
0100	644E00300	CENTER LINE (WT: 45)	MILE	8.030
0101	644E00500	STOP LINE (WT: 45)	FT	104.000

Total 0005 TRAFFIC CONTROL (PART 1)

Section	0006	MAINTENANCE OF TRAFFIC (PART 1)		
0102	253E01000	PAVEMENT REPAIR (WT: 16)	SY	100.000
0103	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	1,000.000
0104	410E13000	TRAFFIC COMPACTED SURFACE, TYPE C (WT: NR)	CY	200.000
0105	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	200.000
0106	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	9,240.000
0107	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	144.000
0108	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	200.000
0109	614E13310	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	2,160.000
0110	614E13312	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	150.000
0111	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	2,310.000
0112	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	36.000
0113	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	16.540
0114	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	8.030
0115	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	35.200
0116	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	1,728.000
0117	616E10000	WATER (WT: NR)	MGAL	260.000

0118	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	102,240.000
Total	0006	MAINTENANCE OF TRAFFIC (PART 1)		
Section	0007	STRUCTURE REPAIR (MUS-60-0319) (PART 1)		
0119	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	284.000
0120	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	27.000
0121	512E74001	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN (WT: NR)	SY	22.000
0122	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (WT: 29)	FT	160.000
0123	519E11600	SPECIAL - PATCHING CONCRETE STRUCTURE: CLASS QC2 CONCRETE WITH ACCELERATING ADMIXTURE (WT: 29)	SF	157.000
0124	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	2.000
Total	0007	STRUCTURE REPAIR (MUS-60-0319) (PART 1)		
Section	0008	STRUCTURE REPAIR (MUS-60-0762) (PART 1)		
0125	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	697.000
0126	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	21.000
0127	512E74001	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES, AS PER PLAN (WT: NR)	SY	17.000
0128	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (WT: 29)	FT	125.000
0129	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	56.000
0130	519E11600	SPECIAL - PATCHING CONCRETE STRUCTURE: CLASS QC2 CONCRETE WITH ACCELERATING ADMIXTURE (WT: 29)	SF	101.000
0131	520E10000	PNEUMATICALLY PLACED CONCRETE SHOTCRETE (WT: 29)	SF	774.000
0132	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER WITH GROUT (WT: 35)	CY	4.000
0133	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	2.000
Total	0008	STRUCTURE REPAIR (MUS-60-0762) (PART 1)		
Section	0009	ROADWAY (PART 2)		
0134	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0135	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	50.000
0136	202E56000	BUILDING DEMOLISHED, SHED (WT: 02)	LS	1.000
0137	202E56000	BUILDING DEMOLISHED, 1-STORY RESIDENCE (WT: 02)	LS	1.000

0138	202E98200	REMOVAL MISC.:PORTION OF WALL TO BE REMOVED (WT: NR)	FT	25.000
0139	203E10000	EXCAVATION (WT: 04)	CY	2,020.000
0140	203E20000	EMBANKMENT (WT: 04)	CY	2,086.000
0141	204E20000	EMBANKMENT (WT: 04)	CY	50.000
0142	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	96.000
0143	304E20000	AGGREGATE BASE (WT: 09)	CY	24.000
0144	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	3.000
0145	623E40500	REFERENCE MONUMENT (WT: NR)	EACH	8.000
Total 0009		ROADWAY (PART 2)		
Section	0010	EROSION CONTROL (PART 2)		
0146	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	38.000
0147	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	16.000
0148	659E00510	SEEDING AND MULCHING, CLASS 2 (WT: 46)	SY	1,505.000
0149	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.210
0150	659E31000	LIME (WT: 46)	ACRE	0.320
0151	659E35000	WATER (WT: 46)	MGAL	9.000
0152	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total 0010		EROSION CONTROL (PART 2)		
Section	0011	DRAINAGE (PART 2)		
0153	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.270
0154	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	53.000
0155	611E98471	CATCH BASIN, NO. 2-2B, AS PER PLAN (WT: 35)	EACH	1.000
Total 0011		DRAINAGE (PART 2)		
Section	0012	STRUCTURE 20 FOOT SPAN AND UNDER (MUS-60-0.29) & (MUS-60-0.8 9) (PART 2)		
0156	202E11000	STRUCTURE REMOVED (WT: 19)	LS	1.000
0157	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0158	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0159	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	12,500.000
0160	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	56.000
0161	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	114.000
0162	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	CY	4.000

0163	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	198.000
0164	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	659.000
0165	516E13601	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN (WT: NR)	SF	105.000
0166	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	LS	1.000
0167	611E95401	10' X 7' CONDUIT, TYPE A, 706.05, AS PER PLAN (WT: 35)	FT	70.000
0168	611E95501	10' X 8' CONDUIT, TYPE A, 706.05, AS PER PLAN (WT: 35)	FT	110.000
Total	0012	STRUCTURE 20 FOOT SPAN AND UNDER (MUS-60-0.29) & (MUS-60-0.8 9) (PART 2)		
Section	0013	MAINTENANCE OF TRAFFIC (PART 2)		
0169	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	40.000
0170	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0171	614E18000	MAINTAINING TRAFFIC, MISC.:TONS OF #57 LIMESTONE (WT: 39)	EACH	150.000
0172	614E18000	MAINTAINING TRAFFIC, MISC.:TONS OF CHIP SEAL AGGREGATE (WT: 39)	EACH	150.000
0173	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	2.000
0174	616E10000	WATER (WT: NR)	MGAL	16.000
Total	0013	MAINTENANCE OF TRAFFIC (PART 2)		
Section	0014	INCIDENTALS (PART 1 AND 2)		
0175	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0176	108E10000	CPM PROGRESS SCHEDULE (WT: NR)	LS	1.000
0177	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0178	619E16020	FIELD OFFICE, TYPE C (WT: NR)	MNTH	18.000
0179	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0180	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0014	INCIDENTALS (PART 1 AND 2)		
Section	0015	PART B (PART 2)		
0181	614E15000	SPECIAL - CALENDAR DAYS OF CONTRACT TIME FOR OPENING TO TRAFFIC (UNIT PRICE FIELD SHOULD REFLECT NUMBER OF DAYS BID)MUS-60-0.29 (WT: NR)	DLR	2,000.000

0182	614E15000	SPECIAL - CALENDAR DAYS OF CONTRACT TIME FOR OPENING TO TRAFFIC (UNIT PRICE FIELD SHOULD REFLECT NUMBER OF DAYS BID)MUS-60-0.89 (WT: NR)	DLR	2,000.000
Total 0015		PART B (PART 2)		

Project Number: 210209

PID: 113690

Paulding

SR 111-23.69

E210(088)

DBE Goal: 5%

Date Set for Completion: 8/1/2021

Type: SLIDE REPAIR

Plan Cost: N/A

FOR IMPROVING A SECTION IN PAULDING COUNTY, OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING A LANDSLIDE USING DUMPED ROCK FILL AND 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	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	700.000
0003	203E10000	EXCAVATION (WT: 06)	CY	757.000
0004	203E20000	EMBANKMENT (WT: 06)	CY	168.000
0005	606E15051	GUARDRAIL, TYPE MGS, AS PER PLAN (WT: 36)	FT	700.000
0006	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	2.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0007	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	2,738.000
0008	659E10000	SEEDING AND MULCHING (WT: 46)	SY	419.000
0009	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.100
0010	659E31000	LIME (WT: 46)	ACRE	0.100
0011	659E35000	WATER (WT: 46)	MGAL	3.000
0012	832E30000	EROSION CONTROL (WT: 08)	EACH	10,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0013	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	10.000
Total	0003	PAVEMENT		

Section 0004		TRAFFIC CONTROL			
0014	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	7.000	
Total 0004		TRAFFIC CONTROL			
Section 0005		MAINTENANCE OF TRAFFIC			
0015	253E02000	PAVEMENT REPAIR (WT: 16)	CY	20.000	
0016	407E10000	TACK COAT (WT: 10)	GAL	20.000	
0017	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	10.000	
0018	616E10000	WATER (WT: NR)	MGAL	1.000	
0019	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	50.000	
Total 0005		MAINTENANCE OF TRAFFIC			
Section 0006		INCIDENTALS			
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	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000	
0023	624E10000	MOBILIZATION (WT: NR)	LS	1.000	
Total 0006		INCIDENTALS			

Project Number: 210210

PID: 109091

Preble

Eaton SRTS FY 21

E190(078)

Date Set for Completion: 9/12/2021

Type: SIDEWALK

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF EATON, PREBLE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING SIDEWALK AND CURB BUMPOUTS, CONSTRUCTING RECTANGULAR RAPID FLASHING BEACON SIGNS, AND 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	110.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	1,039.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	205.000
0005	203E10000	EXCAVATION (WT: 06)	CY	2.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	73.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	50.000
0008	608E10000	4" CONCRETE WALK (WT: 38)	SF	1,912.000
0009	608E13020	7" CONCRETE WALK (WT: 38)	SF	239.000
0010	608E52000	CURB RAMP (WT: 38)	SF	756.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0011	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0012	659E00300	TOPSOIL (WT: 46)	CY	45.000
0013	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	410.000
0014	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	21.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.060
0016	659E31000	LIME (WT: 46)	ACRE	0.090
0017	659E35000	WATER (WT: 46)	MGAL	2.000
0018	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000

Total 0002		EROSION CONTROL		
Section 0003	PAVEMENT			
0019	253E02001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	CY	15.000
0020	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3" (WT: 13)	SY	260.000
0021	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	32.000
0022	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	22.000
0023	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	50.000
0024	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	148.000
Total 0003		PAVEMENT		
Section 0004	WATER WORK			
0025	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	3.000
Total 0004		WATER WORK		
Section 0005	TRAFFIC CONTROL			
0026	625E32000	GROUND ROD (WT: 43)	EACH	2.000
0027	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	42.000
0028	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	33.000
0029	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
0030	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0031	630E97700	SIGNING, MISC.:SOLAR POWERED RETANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY (WT: 42)	EACH	2.000
0032	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	2.000
0033	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.050
0034	644E00300	CENTER LINE (WT: 45)	MILE	0.010
0035	644E00500	STOP LINE (WT: 45)	FT	82.000
0036	644E00600	CROSSWALK LINE, 12" (WT: 45)	FT	1,090.000
0037	644E00601	CROSSWALK LINE, AS PER PLAN, 24" (WT: 45)	FT	720.000
0038	644E00800	CURB MARKING (WT: 45)	FT	192.000
0039	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	960.000
Total 0005		TRAFFIC CONTROL		
Section 0006	MAINTENANCE OF TRAFFIC			

0040	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	0.010
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Total 0006	MAINTENANCE OF TRAFFIC
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Section 0007	INCIDENTALS
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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	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0044	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0007	INCIDENTALS
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Project Number: 210211

PID: 108868

Sandusky

US 6-23.58 Str Rplmnt

E190(689)

DBE Goal: 10.0%

Date Set for Completion: 10/15/2021

Type: BRIDGE REPLACEMENT (1 BRIDGE)

Plan Cost: N/A

FOR IMPROVING SAN-6-23.58 IN SANDUSKY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING BRIDGE NO. SAN-6-2358, A SINGLE SPAN COMPOSITE BOX BEAM WITH REINFORCED CONCRETE DECK ON REINFORCED CONCRETE SUBSTRUCTURE, (SPAN: 54'-6"; ROADWAY: 40' FACE/FACE OF RAILING), US 6 OVER SOUTH CREEK.

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	740.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	35.000
0004	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	30.000
0005	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	620.000
0006	202E75000	FENCE REMOVED (WT: NR)	FT	326.000
0007	203E10000	EXCAVATION (WT: 06)	CY	421.000
0008	203E20000	EMBANKMENT (WT: 06)	CY	290.000
0009	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	864.000
0010	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	275.000
0011	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	4.000
0012	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0013	601E20000	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	SY	3.000
0014	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	107.800

0015	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,175.000
0016	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	59.000
0017	659E15000	INTER-SEEDING (WT: 46)	SY	59.000
0018	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.160
0019	659E35000	WATER (WT: 46)	MGAL	7.000
0020	832E30000	EROSION CONTROL (WT: 08)	EACH	6,100.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0021	602E20000	CONCRETE MASONRY (WT: 35)	CY	1.100
0022	605E31100	AGGREGATE DRAINS (WT: 35)	FT	71.000
0023	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	43.000
0024	611E16600	36" CONDUIT, TYPE C (WT: 35)	FT	39.000
0025	611E99575	MANHOLE, NO. 3, AS PER PLAN (WT: 35)	EACH	2.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0026	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3.25" (WT: 13)	SY	610.000
0027	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	159.000
0028	304E20000	AGGREGATE BASE (WT: 09)	CY	159.000
0029	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	165.000
0030	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	6.000
0031	442E10500	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (448) (WT: 10)	CY	88.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0032	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	5.000
0033	626E00116	BARRIER REFLECTOR, TYPE 5, BI-DIRECTIONAL (WT: NR)	EACH	12.000
0034	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	30.900
0035	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0036	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	3.000
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		

0037	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section	0007	STRUCTURE OVER 20 FOOT SPAN (SAN-6-2358)		
0038	202E11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0039	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	81.000
0040	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	139.000
0041	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 20)	LS	1.000
0042	503E21300	UNCLASSIFIED EXCAVATION (WT: 20)	LS	1.000
0043	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0044	507E00500	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	FT	640.000
0045	507E00550	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	FT	720.000
0046	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	16,565.000
0047	511E31610	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 20)	CY	57.000
0048	511E43510	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING (WT: 20)	CY	86.000
0049	512E10050	SEALING OF CONCRETE SURFACES (NON- EPOXY) (WT: 57)	SY	85.000
0050	515E12070	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB27-48 (BEAM LENGTH = 55'-6") (WT: 20)	EACH	10.000
0051	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	38.000
0052	516E14014	INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 20)	FT	109.000
0053	516E43100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE), 8" x 10" x 1.5" THICK (WT: 20)	EACH	20.000
0054	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	123.000
0055	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 20)	CY	67.000
0056	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 20)	FT	129.000
0057	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	114.000

0058	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	30.000
0059	523E20000	DYNAMIC LOAD TESTING (WT: NR)	EACH	1.000
0060	526E25010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") (WT: 29)	SY	223.000
0061	526E90011	TYPE A INSTALLATION, AS PER PLAN (WT: 29)	FT	80.000

Total 0007 STRUCTURE OVER 20 FOOT SPAN (SAN-6-2358)

Section 0008	INCIDENTALS			
0062	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0063	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0064	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0065	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0008 INCIDENTALS

Project Number: 210212

PID: 106143

Stark

IR 77-01.27

E190(744)

DBE Goal: 5%

Date Set for Completion: 6/30/2022

Type: SLIDE REPAIR

Plan Cost: N/A

FOR IMPROVING STA-77-1.27 IN STARK COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CORRECTING A SLOPE FAILURE BY GRADING, PLACEMENT OF ROCK CHANNEL PROTECTION AND PLANTING OF LIVE STAKES.

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	203E10000	EXCAVATION (WT: 06)	CY	328.000
0003	203E20000	EMBANKMENT (WT: 06)	CY	3,017.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0004	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	2.000
0005	601E34001	ROCK CHANNEL PROTECTION, TYPE A WITHOUT FILTER, AS PER PLAN (WT: 35)	CY	206.000
0006	601E34301	ROCK CHANNEL PROTECTION, TYPE D WITHOUT FILTER, AS PER PLAN (WT: 35)	CY	114.000
0007	601E35000	ROCK CHANNEL PROTECTION, MISC.: NO. 2 AGGREGATE FILTER ROCK (WT: 35)	CY	39.000
0008	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0009	659E00300	TOPSOIL (WT: 46)	CY	801.000
0010	659E10001	SEEDING AND MULCHING, AS PER PLAN (WT: 46)	SY	7,213.000
0011	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	361.000
0012	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.970
0013	659E31000	LIME (WT: 46)	ACRE	1.490
0014	659E35000	WATER (WT: 46)	MGAL	39.000

0015	661E99900	PLANTING, MISC.: LIVE STAKES (WT: 46)	EACH	8,400.000
0016	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0017	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0018	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0019	832E30000	EROSION CONTROL (WT: 08)	EACH	35,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0020	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	20.000
0021	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	10.000
0022	611E02600	8" CONDUIT, TYPE F (WT: 35)	FT	10.000
0023	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section	0004	MAINTENANCE OF TRAFFIC		
0024	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	8.000
0025	616E10000	WATER (WT: NR)	MGAL	15.000
Total 0004		MAINTENANCE OF TRAFFIC		
Section	0005	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	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0029	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0030	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005		INCIDENTALS		

Project Number: 210213

PID: 109076

Summit

IR 77-31.97

E190(737)

DBE Goal: 5%

Date Set for Completion: 9/30/2021

Type: MISCELLANEOUS

Plan Cost: N/A

FOR IMPROVING A SECTION OF RICHFIELD TOWNSHIP, SUMMIT COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY INSTALLING EROSION PROTECTION ALONG THE BANKS OF FURNACE RUN UNDER IR-77, INCLUDING 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	203E10000	EXCAVATION (WT: 06)	CY	687.000
0003	203E20000	EMBANKMENT (WT: 06)	CY	899.000
0004	606E26000	ANCHOR ASSEMBLY, TYPE B (WT: 36)	EACH	1.000
0005	606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	EACH	1.000
0006	606E98000	GUARDRAIL, MISC.: GUARDRAIL REMOVAL AND REINSTALLATION (WT: 36)	FT	150.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0007	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	2.000
0008	601E32010	ROCK CHANNEL PROTECTION, TYPE A WITH AGGREGATE FILTER (WT: 35)	CY	1,654.000
0009	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0010	659E00300	TOPSOIL (WT: 46)	CY	278.000
0011	659E35000	WATER (WT: 46)	MGAL	14.000
0012	671E15040	EROSION CONTROL MAT, TYPE E (WT: 46)	SY	2,500.000
0013	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0014	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000

0015	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0016	832E30000	EROSION CONTROL (WT: 08)	EACH	15,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0017	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	20.000
0018	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	10.000
0019	611E02600	8" CONDUIT, TYPE F (WT: 35)	FT	10.000
0020	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section	0004	MAINTENANCE OF TRAFFIC		
0021	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	1.000
0022	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	5.000
0023	614E13310	BARRIER REFLECTOR, TYPE 1 (ONE WAY) (WT: NR)	EACH	9.000
0024	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	3.000
0025	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	150.000
Total 0004		MAINTENANCE OF TRAFFIC		
Section	0005	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	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0029	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0030	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005		INCIDENTALS		

Project Number: 210214

PID: 108829

Trumbull

Culverts FY2021

E201(119)

DBE Goal: 7%

Date Set for Completion: 10/15/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS ON TRU-CULVERTS-FY2021 IN TRUMBULL COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING AND OR REPLACING NUMEROUS CULVERTS. WORK INCLUDES GUARDRAIL REPLACEMENT SOME ASPHALT PAVING AND OTHER RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (TRU-305-0189) (WT: 01)	LS	1.000
0002	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (TRU-534-2350) (WT: 01)	LS	1.000
0003	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (TRU-82-0296) (WT: 01)	LS	1.000
0004	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (TRU-82-2219M) (WT: 01)	LS	1.000
0005	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (TRU-82-2219RL) (WT: 01)	LS	1.000
0006	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (TRU-82-2219RR) (WT: 01)	LS	1.000
0007	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (TRU-82-2827) (WT: 01)	LS	1.000
0008	202E20010	HEADWALL REMOVED (WT: NR)	EACH	2.000
0009	202E23000	PAVEMENT REMOVED (WT: NR)	SY	1,100.000
0010	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	521.000

0011	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,209.000
0012	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	8.000
0013	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	2.000
0014	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	180.000
0015	202E98100	REMOVAL MISC.: INSPECTION WELL (WT: NR)	EACH	5.000
0016	202E98200	REMOVAL MISC.: CONDUIT (WT: NR)	FT	50.000
0017	202E98200	REMOVAL MISC.: PAVED GUTTER REMOVED (WT: NR)	FT	15.000
0018	203E10000	EXCAVATION (WT: 06)	CY	321.000
0019	203E20000	EMBANKMENT (WT: 06)	CY	836.000
0020	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	5.000
0021	203E35120	GRANULAR MATERIAL, TYPE C, 703.16 (WT: 06)	CY	155.000
0022	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,168.000
0023	204E50000	GEOTEXTILE FABRIC, TYPE D (WT: 06)	SY	310.000
0024	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	862.500
0025	606E17360	GUARDRAIL, TYPE MGS, LONG-SPAN (WT: 36)	FT	225.000
0026	606E26000	ANCHOR ASSEMBLY, TYPE B (WT: 36)	EACH	1.000
0027	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (WT: 36)	EACH	1.000
0028	606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	EACH	3.000
0029	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	2.000
0030	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	2.000
0031	607E16000	FENCE REBUILT, TYPE 47 (WT: 37)	FT	112.000
0032	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	2.000

Total 0001 ROADWAY

Section 0002	EROSION CONTROL			
0033	601E10000	RIPRAP (WT: 35)	SY	20.000
0034	601E32004	ROCK CHANNEL PROTECTION, TYPE A WITH GEOTEXTILE FABRIC (WT: 35)	CY	65.000
0035	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	4.000
0036	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	9.000

0037	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	41.000
0038	601E38110	PAVED GUTTER, TYPE 1-8 (WT: 38)	FT	20.000
0039	659E00300	TOPSOIL (WT: 46)	CY	498.000
0040	659E10000	SEEDING AND MULCHING (WT: 46)	SY	4,475.000
0041	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	224.000
0042	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.600
0043	659E31000	LIME (WT: 46)	ACRE	0.930
0044	659E35000	WATER (WT: 46)	MGAL	12.090
0045	832E30000	EROSION CONTROL (WT: 08)	EACH	7,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0046	602E20000	CONCRETE MASONRY (WT: 35)	CY	49.000
0047	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	29.000
0048	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	50.000
0049	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	50.000
0050	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	50.000
0051	611E02600	8" CONDUIT, TYPE F (WT: 35)	FT	11.000
0052	611E05900	15" CONDUIT, TYPE B, 706.02, 707.12, 707.33 (WT: 35)	FT	5.000
0053	611E19200	42" CONDUIT, TYPE A, 706.02, (707.01 OR 707.02) ALUMINIZED, 707.33 (WT: 35)	FT	98.000
0054	611E19200	42" CONDUIT, TYPE A, 706.02, 707.12, 707.33 (WT: 35)	FT	106.000
0055	611E20900	48" CONDUIT, TYPE B, 706.02, 707.12, 707.33 (WT: 35)	FT	85.000
0056	611E26000	72" CONDUIT, TYPE A, 706.02, (707.01 OR 707.02) ALUMINIZED, 707.35 (WT: 35)	FT	63.000
0057	611E53500	63" X 98" CONDUIT, TYPE A, 706.04 (WT: 35)	FT	142.000
0058	611E58900	87" X 63" CONDUIT, TYPE A, 707.03 (WT: 35)	FT	42.000
0059	611E96560	CONDUIT, FIELD PAVING OF PIPE, 83" x 68" CMP (WT: 35)	FT	180.000
0060	611E98570	CATCH BASIN, NO. 2-5 (WT: 35)	EACH	1.000
0061	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0062	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
0063	613E41200	LOW STRENGTH MORTAR BACKFILL (WT: 35)	CY	10.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			

0064	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T = 3") (WT: 13)	SY	3,046.000
0065	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	1,032.000
0066	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	191.000
0067	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	200.000
0068	305E13010	9" CONCRETE BASE, CLASS QC 1P (WT: 38)	SY	169.000
0069	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	418.000
0070	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	168.000
0071	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22M (WT: 10)	CY	117.000
0072	442E00300	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE B (446) (WT: 10)	CY	89.000
0073	442E10150	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE B (446) (WT: 10)	CY	127.000
0074	617E10100	COMPACTED AGGREGATE (WT: NR)	CY	23.000
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0075	621E00100	RPM (WT: 41)	EACH	19.000
0076	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	16.000
0077	626E00110	BARRIER REFLECTOR, TYPE 2 (ONE-WAY) (WT: NR)	EACH	4.000
0078	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	82.500
0079	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	11.000
0080	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.260
0081	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.020
0082	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.090
Total 0005		TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0083	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
0084	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0085	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	8.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section	0007	RETAINING WALLS (XXX)		
0086	503E11100	COFFERDAMS AND EXCAVATION BRACING (TRU-305-0189) (WT: 35)	LS	1.000

0087	503E11100	COFFERDAMS AND EXCAVATION BRACING (TRU-534-2350) (WT: 35)	LS	1.000
0088	503E11100	COFFERDAMS AND EXCAVATION BRACING (TRU-82-0296) (WT: 35)	LS	1.000
0089	503E11100	COFFERDAMS AND EXCAVATION BRACING (TRU-82-2219) (WT: 35)	LS	1.000
0090	503E11100	COFFERDAMS AND EXCAVATION BRACING (TRU-82-2827) (WT: 35)	LS	1.000
Total 0007		RETAINING WALLS (XXX)		
Section	0008	STRUCTURE REPAIR (TRU-422-2158)		
0091	201E11001	CLEARING AND GRUBBING, AS PER PLAN, AROUND BRIDGES/STRUCTURES/CULVERTS (WT: 01)	LS	1.000
0092	202E98000	REMOVAL MISC.: CHANNEL CLEANOUT (WT: NR)	LS	1.000
0093	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: NR)	SY	100.000
0094	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	500.000
0095	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	100.000
0096	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	5.000
0097	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	15.000
0098	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	2.000
0099	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0100	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
Total 0008		STRUCTURE REPAIR (TRU-422-2158)		
Section	0009	INCIDENTALS		
0101	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0102	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0103	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0104	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0105	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0009		INCIDENTALS		

Project Number: 210215

PID: 96608

Tuscarawas

US 250-20.33

E150(703)

DBE Goal: 10%

Date Set for Completion: 10/31/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING TUS-250-20.33 IN TUSCARAWAS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RECONSTRUCTING BRIDGE NO. TUS-250-2033, A FOUR SPAN STEEL BEAM WITH REINFORCED CONCRETE DECK AND REHABILITATED SUBSTRUCTURE, (SPANS: 40'-6", 2 @ 57'-9", 40'-6"; ROADWAY: 28' TOE/TOE OF PARAPET), TR 286 OVER US 250.

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	575.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	580.000
0004	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	4.000
0005	202E75000	FENCE REMOVED (WT: NR)	FT	137.000
0006	203E10000	EXCAVATION (WT: 06)	CY	33.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	172.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	568.000
0009	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	475.000
0010	606E35000	BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
0011	607E15000	FENCE, TYPE 47 (WT: 37)	FT	97.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0012	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	181.000
0013	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0014	659E00300	TOPSOIL (WT: 46)	CY	28.000

0015	659E10000	SEEDING AND MULCHING (WT: 46)	SY	334.000
0016	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	13.000
0017	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.030
0018	659E31000	LIME (WT: 46)	ACRE	0.010
0019	659E35000	WATER (WT: 46)	MGAL	1.000
0020	832E30000	EROSION CONTROL (WT: 08)	EACH	10,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0021	605E31100	AGGREGATE DRAINS (WT: 35)	FT	234.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0022	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T=1.5") (WT: 13)	SY	1,300.000
0023	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	92.000
0024	304E20000	AGGREGATE BASE (WT: 09)	CY	159.000
0025	407E10000	TACK COAT (WT: 10)	GAL	68.000
0026	408E10000	PRIME COAT (WT: 10)	GAL	82.000
0027	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG70-22M (WT: 10)	CY	41.000
0028	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	29.000
0029	609E24500	CURB, TYPE 4-B (WT: 38)	FT	76.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0030	626E00110	BARRIER REFLECTOR, TYPE 2, BI-DIRECTIONAL (WT: NR)	EACH	16.000
0031	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	17.000
0032	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	2.000
0033	646E10000	EDGE LINE, 4" (WT: 45)	MILE	0.700
0034	646E10200	CENTER LINE (WT: 45)	MILE	0.600
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0035	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
0036	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0037	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	0.500

0038	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	1.000
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Total 0006	MAINTENANCE OF TRAFFIC
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Section 0007	STRUCTURE OVER 20 FOOT SPAN (BRIDGE NO. TUS-250-20.33)
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0039	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0040	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	156.000
0041	202E23500	WEARING COURSE REMOVED (3" THICKNESS) (WT: NR)	SY	692.000
0042	503E21100	UNCLASSIFIED EXCAVATION (WT: 21)	CY	228.000
0043	509E10001	EPOXY COATED REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	78,011.000
0044	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 21)	EACH	268.000
0045	511E33501	SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN (WT: 21)	EACH	4.000
0046	511E34446	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (WT: 21)	CY	209.000
0047	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	75.000
0048	511E43210	CLASS QC1 CONCRETE, PIER (WT: 21)	CY	17.000
0049	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 21)	CY	98.000
0050	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	964.000
0051	512E33000	TYPE 2 WATERPROOFING (WT: NR)	SY	11.000
0052	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	222.000
0053	513E10260	STRUCTURAL STEEL MEMBERS, LEVEL 3 (WT: 24)	LB	192,298.000
0054	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	4,290.000
0055	516E10010	ARMORLESS PREFORMED JOINT SEAL (WT: 27)	FT	58.000
0056	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	16.000
0057	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	37.000
0058	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 21)	FT	82.000

0059	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (2 1/16" X 12" X 15") (WT: 21)	EACH	15.000
0060	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (2 1/2" X 10" X 12") (WT: 21)	EACH	10.000
0061	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	67.000
0062	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	105.000
0063	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	32.000
0064	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (SEE PROPOSAL NOTE) (WT: 29)	SF	838.000
0065	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	2.000
0066	526E25010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") (WT: 29)	SY	174.000
0067	526E90030	TYPE C INSTALLATION (WT: 29)	FT	58.000
0068	601E20001	CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN (WT: 35)	SY	311.000
0069	607E39900	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC (WT: 37)	FT	390.000
0070	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (WT: 29)	SF	10.000

Total 0007 STRUCTURE OVER 20 FOOT SPAN (BRIDGE NO. TUS-250-20.33)

Section	0008	INCIDENTALS		
0071	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0072	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0073	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	5.000
0074	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0075	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0008	INCIDENTALS		

Project Number: 210216
PID: 113610
Warren
Springboro Radar Detect FY21
E201(087)

DBE Goal: 4%

Date Set for Completion: 8/2/2021

Type: SIGNALIZATION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF SPRINGBORO, WARREN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY INSTALLING RADAR DETECTION TO EXISTING SIGNALS AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section 0001	TRAFFIC SIGNALS			
0001	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: LOOP LEAD-IN CABLE (WT: 44)	EACH	4.000
0002	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: VIDEO DETECTION (WT: 44)	EACH	6.000
0003	632E90500	SIGNALIZATION, MISC.: UNLASH & RELASH MESSENGER WIRE (WT: 44)	FT	720.000
0004	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	27.000
0005	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	28.000
Total 0001	TRAFFIC SIGNALS			
Section 0002	MAINTENANCE OF TRAFFIC			
0006	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	20.000
Total 0002	MAINTENANCE OF TRAFFIC			
Section 0003	INCIDENTALS			
0007	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0008	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0009	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0003	INCIDENTALS			

Project Number: 210217

PID: 113985

D03

RIC

PM FY2021(B) R-WR

Date Set for Completion: 9/30/2021

Type: PAVEMENT MARKING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN ERIE AND RICHLAND COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY APPLYING RECESSED WET-REFLECTIVE PAVEMENT MARKINGS AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section 0001	EROSION CONTROL			
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0001	EROSION CONTROL			
Section 0002	TRAFFIC CONTROL			
0002	807E12010	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	1.480
0003	807E12110	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	1.480
0004	807E14010	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	52.940
0005	807E14110	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	47.250
0006	807E14200	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CENTER LINE (WT: 45)	MILE	3.580
0007	807E14310	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	17,600.000
0008	807E14410	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	4,137.000
0009	850E10000	GROOVING FOR 4" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	3.580
0010	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	102.030

0011	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	4,612.000
0012	850E10130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	22,212.000
0013	850E20010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	MILE	2.960
Total	0002	TRAFFIC CONTROL		
Section	0003	MAINTENANCE OF TRAFFIC		
0014	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	240.000
0015	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	2.000
Total	0003	MAINTENANCE OF TRAFFIC		
Section	0004	INCIDENTALS		
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
Total	0004	INCIDENTALS		

Project Number: 210218

PID: 113833

D04

ITS Maint FY2021

EDGE Goal: 4.0%

Date Set for Completion: 10/30/2021

Type: SIGNALIZATION

Plan Cost: N/A

FOR IMPROVING TRAFFIC SAFETY AT VARIOUS LOCATIONS OF SUMMIT COUNTY, OF OHIO, BY REPLACING INTELLIGENT TRANSPORTATIONS SYSTEMS EQUIPMENT (I.E., CAMERA LOWERING UNITS AND TRAFFIC SURVEILLANCE CAMERAS) ALONG SEVERAL INTERSTATE ROUTES AND STATE ROUTES.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	EROSION CONTROL		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0001	EROSION CONTROL		
Section	0002	TRAFFIC SURVEILLANCE		
0002	809E60030	CCTV IP-CAMERA SYSTEM, ENHANCED (WT: 44)	EACH	23.000
0003	809E60040	CCTV IP-CAMERA SYSTEM, QUAD MULTI-VIEW FIXED WITH PTZ (WT: 44)	EACH	25.000
0004	809E65990	ITS DEVICE, MISC.: CCTV LOWERING UNIT REFURBISH AND INSTALL (WT: 44)	EACH	48.000
0005	809E65990	ITS DEVICE, MISC.: REMOVAL AND DELIVERY OF CCTV AND LOWERING UNIT (WT: 44)	EACH	48.000
Total	0002	TRAFFIC SURVEILLANCE		
Section	0003	MAINTENANCE OF TRAFFIC		
0006	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
Total	0003	MAINTENANCE OF TRAFFIC		
Section	0004	INCIDENTALS		
0007	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0008	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0009	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0004 INCIDENTALS

Project Number: 210219

PID: 111624

D04

PM FY2021 (West)

Date Set for Completion: 7/1/2022

Type: PAVEMENT MARKING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF PORTAGE, STARK, AND SUMMIT COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING EPOXY PAVEMENT MARKINGS ALONG SEVERAL STATE ROUTES AND INTERSTATE ROUTES.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	EROSION CONTROL		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0001	EROSION CONTROL		
Section	0002	TRAFFIC CONTROL		
0002	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	1,113.770
0003	642E00104	EDGE LINE, 6", TYPE 1, WORK ORDER (WT: 45)	MILE	125.000
0004	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	279.040
0005	642E00204	LANE LINE, 6", TYPE 1, WORK ORDER (WT: 45)	MILE	75.000
0006	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	289.020
0007	642E00300	CENTER LINE, TYPE 1, WORK ORDER (WT: 45)	MILE	35.000
0008	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	77,760.000
0009	642E00400	CHANNELIZING LINE, 8", TYPE 1, WORK ORDER (WT: 45)	FT	3,750.000
0010	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	155,046.000
0011	642E00404	CHANNELIZING LINE, 12", TYPE 1, WORK ORDER (WT: 45)	FT	1,000.000
0012	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	9,601.000
0013	642E00500	STOP LINE, TYPE 1, WORK ORDER (WT: 45)	FT	650.000
0014	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	8,614.000

0015	642E00600	CROSSWALK LINE, TYPE 1, WORK ORDER (WT: 45)	FT	175.000
0016	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	11,793.000
0017	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1, WORK ORDER (WT: 45)	FT	1,250.000
0018	642E00900	ISLAND MARKING, TYPE 1 (WT: 45)	SF	1,812.000
0019	642E00900	ISLAND MARKING, TYPE 1, WORK ORDER (WT: 45)	SF	163.000
0020	642E01000	RAILROAD SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	9.000
0021	642E01000	RAILROAD SYMBOL MARKING, TYPE 1, WORK ORDER (WT: 45)	EACH	3.000
0022	642E01110	SCHOOL SYMBOL MARKING, 96", TYPE 1 (WT: 45)	EACH	22.000
0023	642E01110	SCHOOL SYMBOL MARKING, 96", TYPE 1, WORK ORDER (WT: 45)	EACH	5.000
0024	642E01200	PARKING LOT STALL MARKING, TYPE 1 (WT: 45)	FT	3,824.000
0025	642E01200	PARKING LOT STALL MARKING, TYPE 1, WORK ORDER (WT: 45)	FT	500.000
0026	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	1,328.000
0027	642E01300	LANE ARROW, TYPE 1, WORK ORDER (WT: 45)	EACH	38.000
0028	642E01312	LANE REDUCTION ARROW, TYPE 1 (WT: 45)	EACH	30.000
0029	642E01312	LANE REDUCTION ARROW, TYPE 1, WORK ORDER (WT: 45)	EACH	5.000
0030	642E01322	WRONG WAY ARROW, TYPE 1 (WT: 45)	EACH	139.000
0031	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	126,205.000
0032	642E01510	DOTTED LINE, 6", TYPE 1, WORK ORDER (WT: 45)	FT	1,290.000
0033	642E01702	HANDICAP SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	20.000
0034	642E01702	HANDICAP SYMBOL MARKING, TYPE 1, WORK ORDER (WT: 45)	EACH	3.000
0035	642E30000	REMOVAL OF PAVEMENT MARKING, WORK ORDER (WT: 45)	FT	1,250.000
0036	642E30010	REMOVAL OF PAVEMENT MARKING, WORK ORDER (WT: 45)	SF	250.000
0037	642E30020	REMOVAL OF PAVEMENT MARKING, WORK ORDER (WT: 45)	EACH	12.000
0038	642E40000	SPEED MEASUREMENT MARKING (WT: 45)	EACH	133.000

0039	642E50010	PAVEMENT MARKING, MISC.: URGENT REPAIR, WORK ORDER (WT: 45)	EACH	8.000
0040	646E10010	EDGE LINE, 6", WORK ORDER (WT: 45)	MILE	10.000
0041	646E10110	LANE LINE, 6", WORK ORDER (WT: 45)	MILE	10.000
0042	646E10200	CENTER LINE, WORK ORDER (WT: 45)	MILE	5.000
0043	646E10310	CHANNELIZING LINE, 12", WORK ORDER (WT: 45)	FT	1,000.000
0044	646E10400	STOP LINE, WORK ORDER (WT: 45)	FT	100.000
0045	646E10600	TRANSVERSE/DIAGONAL LINE, WORK ORDER (WT: 45)	FT	150.000
0046	646E20300	LANE ARROW, WORK ORDER (WT: 45)	EACH	10.000
0047	646E20320	WRONG WAY ARROW, WORK ORDER (WT: 45)	EACH	10.000
0048	646E20500	DOTTED LINE, WORK ORDER (WT: 45)	FT	500.000
Total 0002		TRAFFIC CONTROL		
Section	0003	MAINTENANCE OF TRAFFIC		
0049	614E13600	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A TWO LANE HIGHWAY, WORK ORDER (WT: 39)	EACH	13.000
0050	614E13700	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A FOUR LANE UNDIVIDED HIGHWAY, WORK ORDER (WT: 39)	EACH	13.000
0051	614E13800	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A 4 LANE OR GREATER DIVIDED HIGHWAY, WORK ORDER (WT: 39)	EACH	13.000
Total 0003		MAINTENANCE OF TRAFFIC		
Section	0004	INCIDENTALS		
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	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0055	624E10000	MOBILIZATION (WT: NR)	LS	1.000
0056	624E15001	MOBILIZATION, AS PER PLAN, WORK ORDER (WT: NR)	EACH	25.000
Total 0004		INCIDENTALS		

Project Number: 210220

PID: 101024

D08

CLE, CLI, GRE
PM/RPM FY2021

Date Set for Completion: 4/30/2022

Type: PAVEMENT MARKING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN BUTLER, CLERMONT, CLINTON, GREENE, HAMILTON, PREBLE, AND WARREN COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PAVEMENT MARKING, INSTALLING RAISED PAVEMENT MARKERS AND REFLECTORS, AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	TRAFFIC CONTROL		
0001	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	2.260
0002	621E00100	RPM (WT: 41)	EACH	500.000
0003	621E00301	RPM REFLECTOR, AS PER PLAN (WT: 41)	EACH	52,377.000
0004	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	100.000
0005	642E00100	EDGE LINE, 4", TYPE 1 (WT: 45)	MILE	75.424
0006	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	2,050.074
0007	642E00200	LANE LINE, 4", TYPE 1 (WT: 45)	MILE	1.526
0008	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	542.254
0009	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	685.850
0010	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	142,867.000
0011	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	331,419.000
0012	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	30,933.000
0013	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	24,934.000
0014	642E00601	CROSSWALK LINE, TYPE 1, AS PER PLAN (WT: 45)	FT	869.000
0015	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	115,513.000
0016	642E00720	CHEVRON MARKING, TYPE 1 (WT: 45)	FT	10,585.000
0017	642E00900	ISLAND MARKING, TYPE 1 (WT: 45)	SF	6,132.000

0018	642E01000	RAILROAD SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	22.000
0019	642E01110	SCHOOL SYMBOL MARKING, 96", TYPE 1 (WT: 45)	EACH	34.000
0020	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	2,179.000
0021	642E01312	LANE REDUCTION ARROW, TYPE 1 (WT: 45)	EACH	2.000
0022	642E01322	WRONG WAY ARROW, TYPE 1 (WT: 45)	EACH	88.000
0023	642E01410	WORD ON PAVEMENT, 96", TYPE 1 (WT: 45)	EACH	273.000
0024	642E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	100.000
0025	642E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	5.000
0026	642E50010	PAVEMENT MARKING, MISC.:SUPPLEMENTAL WORK REQUESTS-7 DAY (WT: 45)	EACH	25.000
0027	644E00500	STOP LINE (WT: 45)	FT	100.000
0028	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	100.000
0029	644E00720	CHEVRON MARKING (WT: 45)	FT	100.000
0030	644E00900	ISLAND MARKING (WT: 45)	SF	100.000
0031	644E01110	SCHOOL SYMBOL MARKING, 96" (WT: 45)	EACH	1.000
0032	644E01300	LANE ARROW (WT: 45)	EACH	5.000
0033	644E01350	LANE REDUCTION ARROW (WT: 45)	EACH	5.000
0034	644E01360	WRONG WAY ARROW (WT: 45)	EACH	5.000
0035	644E01500	DOTTED LINE, 4" (WT: 45)	FT	100.000
0036	644E01510	DOTTED LINE, 6" (WT: 45)	FT	930.000
0037	644E01630	BIKE LANE SYMBOL MARKING (WT: 45)	EACH	1.000
0038	644E19000	SHARED LANE MARKING (WT: 45)	EACH	1.000
0039	644E20800	YIELD LINE (WT: 45)	FT	12.000
0040	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	100.000
0041	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	5.000
0042	644E40000	SPEED MEASUREMENT MARKING (WT: 45)	EACH	8.000
0043	646E10010	EDGE LINE, 6" (WT: 45)	MILE	1.000
0044	646E10110	LANE LINE, 6" (WT: 45)	MILE	1.000
0045	646E10200	CENTER LINE (WT: 45)	MILE	1.000
0046	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	100.000
0047	648E00104	EDGE LINE, 6" (WT: 45)	MILE	1.000
0048	648E00204	LANE LINE, 6" (WT: 45)	MILE	1.000
0049	648E00300	CENTER LINE (WT: 45)	MILE	1.000
0050	648E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	100.000
0051	814E00010	INTERSTATE ELONGATED ROUTE SHIELD SYMBOL MARKING, TYPE B125 (WT: 45)	EACH	1.000

0052	814E00016	CARDINAL DIRECTION (NORTH, SOUTH, WEST & EAST) MARKING, TYPE B125 (WT: 45)	EACH	1.000
Total 0001		TRAFFIC CONTROL		
Section	0002	MAINTENANCE OF TRAFFIC		
0053	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	200.000
0054	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	1.000
Total 0002		MAINTENANCE OF TRAFFIC		
Section	0003	INCIDENTALS		
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	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0003		INCIDENTALS		

Project Number: 213001
PID: 110130
Pike
CR 57-03.47 Brdg Replacement
E190(847)

DBE Goal: 9.0%

Date Set for Completion: 10/15/2021

Type: BRIDGE REPLACEMENT (1 BRIDGE)

Plan Cost: N/A

FOR IMPROVING PIK-CR 57-3.47 IN PIKE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE EXISTING 3 SPAN CONCRETE SLAB BRIDGE USING THE DESIGN BUILD PROCESS.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E99000	SPECIAL - CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E99020	SPECIAL - PAVEMENT REMOVED (WT: NR)	LS	1.000
0003	203E99000	SPECIAL - EARTHWORK (WT: 06)	LS	1.000
0004	606E99000	SPECIAL - GUARDRAIL (WT: 36)	LS	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0005	659E99000	SPECIAL - PERMANENT EROSION CONTROL (WT: 46)	LS	1.000
0006	832E99100	SPECIAL - CONSTRUCTION EROSION CONTROL (WT: 08)	EACH	5,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0007	300E99000	SPECIAL - BASES (WT: 10)	LS	1.000
0008	400E99000	SPECIAL - FLEXIBLE PAVEMENT (WT: 10)	LS	1.000
Total	0003	PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0009	630E99000	SPECIAL - SIGNS AND SUPPORTS (WT: 42)	LS	1.000
Total	0004	TRAFFIC CONTROL		
Section	0005	STRUCTURE OVER 20 FOOT SPAN (PIK-CR57-0347)		

0010	202E99000	SPECIAL - STRUCTURE REMOVED (WT: 19)	LS	1.000
0011	512E99000	SPECIAL - SEALING OF CONCRETE (WT: 57)	LS	1.000
0012	530E99010	SPECIAL - SUBSTRUCTURE (WT: 21)	LS	1.000
0013	530E99020	SPECIAL - SUPERSTRUCTURE (WT: 21)	LS	1.000
Total 0005		STRUCTURE OVER 20 FOOT SPAN (PIK-CR57-0347)		
Section 0006	ENGINEERING AND SURVEYING SERVICES			
0014	690E20010	SPECIAL - AS-BUILT CONSTRUCTION PLANS (WT: NR)	LS	1.000
0015	690E20020	SPECIAL - FIELD SURVEYS (WT: NR)	LS	1.000
0016	690E20030	SPECIAL - UTILITY COORDINATION AND RELOCATION (WT: NR)	LS	1.000
0017	690E20040	SPECIAL - PRELIMINARY DESIGN (WT: NR)	LS	1.000
0018	690E20050	SPECIAL - FINAL DESIGN (WT: NR)	LS	1.000
0019	690E20220	SPECIAL - CONSTRUCTION PLANS (WT: NR)	LS	1.000
Total 0006		ENGINEERING AND SURVEYING SERVICES		
Section 0007	INCIDENTALS			
0020	100E99010	SPECIAL - PROFESSIONAL LIABILITY INSURANCE (WT: NR)	LS	1.000
0021	103E99010	SPECIAL - PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0022	614E99000	SPECIAL - MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0023	623E99000	SPECIAL - CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0024	624E99000	SPECIAL - MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		

Project Number: 218002

PID: 110154

D07

BH-FY21

E191(012)

DBE Goal: 7.0%

Date Set for Completion: 9/24/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN CLARK AND MONTGOMERY COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PATCHING SUBSTRUCTURE CONCRETE, RESETTING SOME BEARINGS, AND PERFORMING OTHER RELATED REPAIRS TO SEVERAL BRIDGES.

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	103.000
0003	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	103.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0004	659E10000	SEEDING AND MULCHING (WT: 46)	SY	5,240.000
0005	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.560
0006	659E35000	WATER (WT: 46)	MGAL	30.000
0007	832E30000	EROSION CONTROL (WT: 08)	EACH	4,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0008	605E11101	6" SHALLOW PIPE UNDERDRAINS, AS PER PLAN (WT: 35)	FT	100.000
0009	611E98635	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	1.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0010	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	18.000
0011	304E20000	AGGREGATE BASE (WT: 09)	CY	18.000

0012	407E10000	TACK COAT (WT: 10)	GAL	12.000
0013	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	4.000
0014	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	5.000
0015	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	3,500.000
0016	618E40101	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN (WT: NR)	FT	3,500.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0017	646E10010	EDGE LINE, 6" (WT: 45)	MILE	1.000
0018	646E10110	LANE LINE, 6" (WT: 45)	MILE	1.000
Total 0005		TRAFFIC CONTROL		
Section 0006	MAINTENANCE OF TRAFFIC			
0019	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	120.000
0020	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	200.000
0021	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	3.000
0022	614E13310	BARRIER REFLECTOR, TYPE 1, ONE WAY (WT: NR)	EACH	42.000
0023	614E13312	BARRIER REFLECTOR, TYPE 2, ONE WAY (WT: NR)	EACH	20.000
0024	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	42.000
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	1.440
0027	614E23400	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 740.06, TYPE I (WT: 39)	FT	7,470.000
0028	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0029	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	1,964.000
0030	616E10000	WATER (WT: NR)	MGAL	1.000
0031	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	1,640.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section 0007	STRUCTURE OVER 20 FOOT SPAN (CLA-40-1975R)			
0032	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	50.000

0033	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	32.000
0034	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	29.000
0035	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	19.000
0036	513E95030	STRUCTURAL STEEL, MISC.:REWELD BROKEN WELDS (WT: 29)	EACH	35.000
0037	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	1,405.000
0038	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	1,405.000
0039	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	1,405.000
0040	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	1,405.000
0041	514E00504	GRINDING FINIS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	20.000
0042	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	5.000
0043	516E46701	RESET BEARING, AS PER PLAN (WT: 29)	EACH	4.000
0044	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0045	844E10001	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN (WT: 29)	SF	233.000
Total 0007 STRUCTURE OVER 20 FOOT SPAN (CLA-40-1975R)				
Section 0008 STRUCTURE OVER 20 FOOT SPAN (CLA-70-1873)				
0046	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0047	503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 29)	LS	1.000
0048	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	197.000
0049	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	50.000
0050	509E25000	UNCOATED REINFORCING STEEL (WT: 23)	LB	870.000
0051	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	16.000
0052	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 29)	CY	2.000
0053	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 29)	CY	8.000
0054	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	234.000

0055	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	117.000
0056	513E10001	STRUCTURAL STEEL MEMBERS, LEVEL UP, AS PER PLAN (WT: 29)	LS	1.000
0057	516E46701	RESET BEARING, AS PER PLAN (WT: 29)	EACH	1.000
0058	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0059	844E10001	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN (WT: 29)	SF	105.000
Total 0008		STRUCTURE OVER 20 FOOT SPAN (CLA-70-1873)		
Section 0009		STRUCTURE OVER 20 FOOT SPAN (MOT-675-0055L)		
0060	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	55.000
0061	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	55.000
0062	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	3.000
0063	844E10001	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION, AS PER PLAN (WT: 29)	SF	140.000
Total 0009		STRUCTURE OVER 20 FOOT SPAN (MOT-675-0055L)		
Section 0010		INCIDENTALS		
0064	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0065	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0066	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0067	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0068	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0010		INCIDENTALS		

Office of Contracts

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Please complete this form and return it to:

**Office of Contracts
Attn: Customer Service
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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: _____

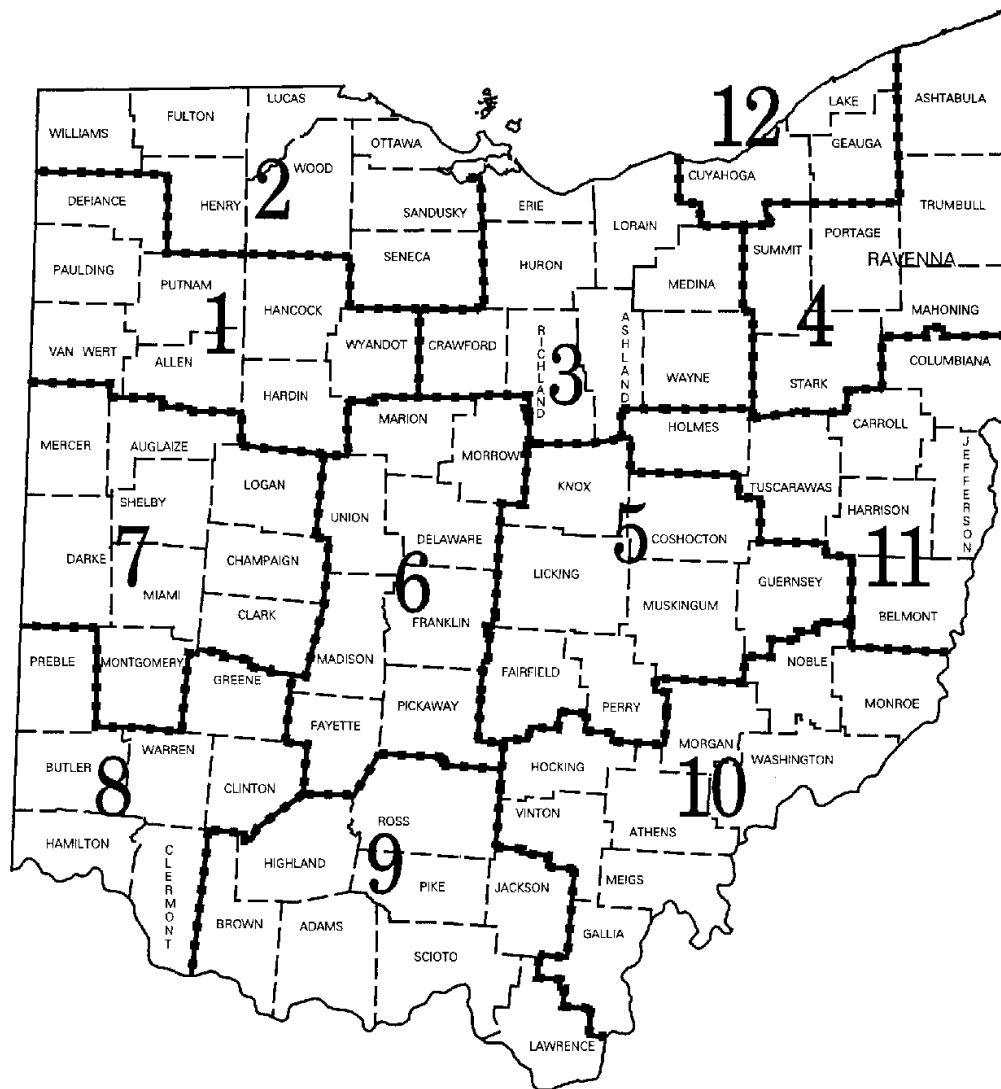
New Address (Print or Type PLEASE)

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

(Signature - Name and Title)

(Date)

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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

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