

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
COLUMBUS, OHIO

**PROPOSED HIGHWAY
IMPROVEMENTS FOR CONTRACT
LETTING**

May 13, 2021

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



See Back Cover for District Information

An Equal Opportunity Employer

Thursday, May 13, 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: 210275
PID: 113479
Montgomery
Mad River Rec Trail Resurfac
E201(145)

DBE Goal: 5%

Date Set for Completion: 9/30/2021

Type: MISCELLANEOUS

Plan Cost: N/A

FOR IMPROVING A SECTION IN MONTGOMERY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING A BIKEPATH AND RELATED WORK.
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Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E11001	STRUCTURE REMOVED, AS PER PLAN (WT: NR)	LS	1.000
0002	607E98000	FENCE, MISC.: WOOD FENCE (WT: 37)	FT	380.000
0003	653E10000	TOPSOIL FURNISHED AND PLACED (WT: 46)	CY	335.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0004	659E00520	SEEDING AND MULCHING, CLASS 3A (WT: 46)	SY	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0005	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	518.000
0006	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE 1-1/2" DEPTH (WT: 13)	SY	23,035.000
0007	407E10000	TACK COAT (WT: 10)	GAL	1,958.000
0008	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	1,000.000
Total	0003	PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0009	620E60000	DELINEATOR, POST SURFACE MOUNTED (WT: NR)	EACH	20.000
0010	644E00100	EDGE LINE, 4" (WT: 45)	MILE	1.000
0011	644E50100	PAVEMENT MARKING, MISC.: MARKINGS FOR OBSTRUCTIONS (WT: 45)	EACH	2.000

Total 0004		TRAFFIC CONTROL			
Section 0005		MAINTENANCE OF TRAFFIC			
0012	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000	
Total 0005		MAINTENANCE OF TRAFFIC			
Section 0006		MISCELLANEOUS STRUCTURE			
0013	511E53010	CLASS QC1 CONCRETE, MISC.:CONCRETE CROSSING AND VEGETATION BARRIER (WT: 38)	CY	25.000	
Total 0006		MISCELLANEOUS STRUCTURE			
Section 0007		INCIDENTALS			
0014	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000	
0015	624E10000	MOBILIZATION (WT: NR)	LS	1.000	
Total 0007		INCIDENTALS			

Project Number: 210290

PID: 112920

Adams

US 52/SR 247-08.29/00.00

E200(859)

DBE Goal: 6.0%

Date Set for Completion: 10/31/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGE OF MANCHESTER, MONROE TOWNSHIP, ADAMS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING AND RESURFACING EXISTING ASPHALT ROADWAY, MINOR STRUCTURE REPAIRS, AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E30000	WALK REMOVED (WT: NR)	SF	100.000
0002	209E60500	LINEAR GRADING (WT: 06)	MILE	16.000
0003	209E72051	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	MILE	0.700
0004	608E10000	4" CONCRETE WALK (WT: 38)	SF	200.000
0005	608E52000	CURB RAMP (WT: 38)	SF	100.000
0006	608E53020	DETECTABLE WARNING (WT: 38)	SF	16.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0007	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0008	251E01001	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN (WT: 16)	SY	200.000
0009	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	400.000
0010	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (1.5" MAX) (WT: 13)	SY	147,080.000
0011	254E01601	PATCHING PLANED SURFACE, AS PER PLAN (WT: 16)	SY	29,416.000
0012	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	11,377.000

0013	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	6,328.000
0014	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	783.000
0015	617E25000	WATER (WT: NR)	MGAL	8.000
0016	618E41000	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	MILE	15.400
0017	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	7.730
0018	874E21000	LONGITUDINAL JOINT PREPARATION (WT: 10)	MILE	7.730
Total 0003		PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0019	621E00100	RPM (WT: 41)	EACH	1,055.000
0020	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,055.000
0021	644E00104	EDGE LINE, 6" (WT: 45)	MILE	16.700
0022	644E00300	CENTER LINE (WT: 45)	MILE	8.200
0023	644E00600	CROSSWALK LINE (WT: 45)	FT	80.000
0024	644E01110	SCHOOL SYMBOL MARKING, 96" (WT: 45)	EACH	2.000
Total 0004		TRAFFIC CONTROL		
Section	0005	MAINTENANCE OF TRAFFIC		
0025	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	66.000
0026	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	16.400
0027	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	33.400
Total 0005		MAINTENANCE OF TRAFFIC		
Section	0006	STRUCTURE REPAIR (ADA-52-0900 SFN 101869)		
0028	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	80.000
Total 0006		STRUCTURE REPAIR (ADA-52-0900 SFN 101869)		
Section	0007	STRUCTURE REPAIR (ADA-52-1249 SFN 101983)		
0029	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	72.000
Total 0007		STRUCTURE REPAIR (ADA-52-1249 SFN 101983)		
Section	0008	STRUCTURE REPAIR (ADA-52-1296 SFN 102016)		
0030	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	64.000
Total 0008		STRUCTURE REPAIR (ADA-52-1296 SFN 102016)		

Section 0009		STRUCTURE REPAIR (ADA-52-1364 SFN 102040)		
0031	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	72.000
Total 0009		STRUCTURE REPAIR (ADA-52-1364 SFN 102040)		
Section 0010		INCIDENTALS		
0032	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0033	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0034	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0010		INCIDENTALS		

Project Number: 210291

PID: 111375

Allen

US 30-16.19

E200(475)

DBE Goal: 9.0%

Date Set for Completion: 11/1/2021

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN ALLEN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY UPGRADING AN EXISTING INTERSECTION TO AN R-CUT DESIGN 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	202E20010	HEADWALL REMOVED (WT: NR)	EACH	5.000
0003	202E23000	PAVEMENT REMOVED , (ASPHALT) (WT: NR)	SY	8,953.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	103.000
0005	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	197.000
0006	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	2.000
0007	202E75000	FENCE REMOVED (WT: NR)	FT	2,482.000
0008	203E10000	EXCAVATION (WT: 06)	CY	7,104.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	3,619.000
0010	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	29,599.000
0011	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	3,100.000
0012	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	3,474.000
0013	204E45000	PROOF ROLLING (WT: NR)	HOUR	10.000
0014	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	10,342.000
0015	607E15000	FENCE, TYPE 47 (WT: 37)	FT	694.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0016	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	4.000

0017	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	3.000
0018	659E00300	TOPSOIL (WT: 46)	CY	2,699.000
0019	659E10000	SEEDING AND MULCHING (WT: 46)	SY	24,311.000
0020	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	1,216.000
0021	659E15000	INTER-SEEDING (WT: 46)	SY	1,216.000
0022	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	3.390
0023	659E31000	LIME (WT: 46)	ACRE	5.020
0024	659E35000	WATER (WT: 46)	MGAL	135.000
0025	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	6,167.000
0026	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	558.000
0027	670E00710	DITCH EROSION PROTECTION MAT, TYPE A (WT: 46)	SY	244.000
0028	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0029	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0030	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0031	832E30000	EROSION CONTROL (WT: 08)	EACH	50,510.000

Total 0002 EROSION CONTROL

Section	0003	DRAINAGE		
0032	602E20000	CONCRETE MASONRY (WT: 35)	CY	1.200
0033	605E11100	6" SHALLOW PIPE UNDERDRAINS (WT: 35)	FT	2,088.000
0034	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	3,960.000
0035	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	4,271.000
0036	605E31100	AGGREGATE DRAINS (WT: 35)	FT	264.000
0037	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	336.000
0038	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	158.000
0039	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	76.000
0040	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	33.000
0041	611E07400	18" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	319.000
0042	611E13200	30" CONDUIT, TYPE A, 706.02 (WT: 35)	FT	118.000
0043	611E13400	30" CONDUIT, TYPE B (WT: 35)	FT	16.000
0044	611E98230	CATCH BASIN, NO. 4 (WT: 35)	EACH	1.000
0045	611E98410	CATCH BASIN, NO. 8 (WT: 35)	EACH	2.000
0046	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	2.000

0047	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0048	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	6,329.000
0049	253E02000	PAVEMENT REPAIR (WT: 16)	CY	20.000
0050	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	3,498.000
0051	304E20000	AGGREGATE BASE (WT: 09)	CY	2,611.000
0052	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	1,581.000
0053	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	121.000
0054	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	155.000
0055	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	459.000
0056	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	536.000
0057	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	50.000
0058	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	2,822.000
Total 0004		PAVEMENT		
Section	0005	LIGHTING		
0059	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	12.000
0060	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	18.000
0061	625E10503	LIGHT POLE (INSTALLATION ONLY), AS PER PLAN (AT15B40) (WT: 43)	EACH	2.000
0062	625E10503	LIGHT POLE (INSTALLATION ONLY), AS PER PLAN (AT20B40) (WT: 43)	EACH	4.000
0063	625E14100	LIGHT POLE FOUNDATION, 24" X 8' DEEP (WT: 43)	EACH	6.000
0064	625E23200	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	1,300.000
0065	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	1,050.000
0066	625E24320	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES (WT: 43)	FT	2,531.000
0067	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	191.000
0068	625E25900	CONDUIT, JACKED OR DRILLED: "3" (WT: 43)	FT	164.000
0069	625E26251	LUMINAIRE, CONVENTIONAL, AS PER PLAN: LED, 240 VOLT (WT: 43)	EACH	6.000

0070	625E29002	TRENCH, 24" DEEP (WT: 43)	FT	2,632.000
0071	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	6.000
0072	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	1.000
0073	625E32000	GROUND ROD (WT: 43)	EACH	6.000
0074	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	1.000

Total 0005 LIGHTING

Section	0006	TRAFFIC CONTROL		
0075	621E00100	RPM (WT: 41)	EACH	108.000
0076	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	1,432.300
0077	630E06500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9 (WT: 42)	FT	137.600
0078	630E07500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22 (WT: 42)	FT	90.000
0079	630E07600	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12 (WT: 42)	FT	84.000
0080	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	44.000
0081	630E09000	BREAKAWAY STRUCTURAL BEAM CONNECTION (WT: 42)	EACH	16.000
0082	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	629.000
0083	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	SF	470.000
0084	630E84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION (WT: 42)	EACH	16.000
0085	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	75.000
0086	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	97.000
0087	642E00100	EDGE LINE, 4", TYPE 1 (WT: 45)	MILE	0.120
0088	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	3.300
0089	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	1.600
0090	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.060
0091	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	3,382.000
0092	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	85.000
0093	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	850.000
0094	642E00720	CHEVRON MARKING, TYPE 1 (WT: 45)	FT	259.000
0095	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	32.000
0096	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	350.000
0097	642E20802	YIELD LINE, TYPE 1 (WT: 45)	FT	36.000

Total 0006 TRAFFIC CONTROL

Section 0007		MAINTENANCE OF TRAFFIC		
0098	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	80.000
0099	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	6,220.000
0100	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	7.000
0101	614E12801	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN (WT: 39)	EACH	204.000
0102	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	10.000
0103	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	0.110
0104	614E24202	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT (WT: 39)	FT	1,680.000
0105	614E30200	WORK ZONE ARROW, CLASS I, 642 PAINT (WT: 39)	EACH	2.000
0106	616E10000	WATER (WT: NR)	MGAL	1.000
0107	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	6,220.000
0108	873E22000	WORK ZONE EDGE LINE, CLASS I (WT: 39)	MILE	2.270
Total 0007		MAINTENANCE OF TRAFFIC		
Section 0008		INCIDENTALS		
0109	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0110	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0111	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	3.000
0112	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0113	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

Project Number: 210292
PID: 114150
Allen
CR 152 Shawnee Rd Roundabout
E210(041)

Date Set for Completion: 10/31/2021

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING A SECTION IN THE CITY OF LIMA, IN ALLEN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY IMPLEMENTING VARIOUS IMPROVEMENTS TO AN EXISTING ROUNDABOUT INCLUDING APPLYING ASPHALT SEALER, INSTALLING SIGNS, APPLYING PAVEMENT MARKINGS, AND ALL RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0002	PAVEMENT ALTERNATES		
0001	AA1 690E98900	SPECIAL - SPECIAL, MISC.: ASPHALT PENETRATING SEALER (RECLAMITE) (ALTERNATE 1) (WT: NR)	GAL	516.000
0002	AA2 690E98900	SPECIAL - SPECIAL, MISC.: ASPHALT PENETRATING SEALER (BIO-RE-STAR) (ALTERNATE 2) (WT: NR)	GAL	516.000
0003	AA3 690E98900	SPECIAL - SPECIAL, MISC.: ASPHALT PENETRATING SEALER (STAR SEAL) (ALTERNATE 3) (WT: NR)	GAL	516.000
Total	0002	PAVEMENT ALTERNATES		
Section	0003	TRAFFIC CONTROL		
0004	621E00101	RPM, AS PER PLAN (WT: 41)	EACH	12.000
0005	625E32000	GROUND ROD (WT: 43)	EACH	3.000
0006	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	54.000
0007	630E07600	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12 (WT: 42)	FT	88.000
0008	630E09000	BREAKAWAY STRUCTURAL BEAM CONNECTION (WT: 42)	EACH	4.000
0009	630E72520	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 7 (WT: 42)	EACH	1.000

0010	630E72540	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 12 (WT: 42)	EACH	2.000
0011	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	100.000
0012	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	SF	182.000
0013	630E80510	SIGN, STREET NAME (WT: 42)	EACH	3.000
0014	630E84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION (WT: 42)	EACH	4.000
0015	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	3.000
0016	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	15.000
0017	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	4.000
0018	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	12.000
0019	630E86011	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION, AS PER PLAN (WT: 42)	EACH	8.000
0020	646E10400	STOP LINE (WT: 45)	FT	60.000
0021	646E10500	CROSSWALK LINE (WT: 45)	FT	539.000
0022	646E10600	TRANSVERSE/DIAGONAL LINE, WHITE (WT: 45)	FT	651.000
0023	646E10600	TRANSVERSE/DIAGONAL LINE, YELLOW (WT: 45)	FT	508.000
0024	646E10800	ISLAND MARKING (WT: 45)	SF	127.000
0025	646E20300	LANE ARROW (WT: 45)	EACH	27.000
0026	646E20400	WORD ON PAVEMENT, 72", TYPE A90 (WT: 45)	EACH	6.000
0027	646E20800	YIELD LINE (WT: 45)	FT	194.000

Total 0003 TRAFFIC CONTROL

Section 0004		TRAFFIC CONTROL ALTERNATES		
0028	AB1	807E12010	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6", WHITE MILE 0.250 (ALTERNATE 1) (WT: 45)	0.130
0029	AB1	807E12010	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6", YELLOW (ALTERNATE 1) (WT: 45)	0.440
0030	AB1	807E12110	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6", SOLID (ALTERNATE 1) (WT: 45)	0.110

0031	AB1	807E12200	WET REFLECTIVE EPOXY PAVEMENT MARKING, CENTER LINE (ALTERNATE 1) (WT: 45)	MILE	0.620
0032	AB1	807E12200	WET REFLECTIVE EPOXY PAVEMENT MARKING, CENTER LINE, 2-WAY LEFT TURN (ALTERNATE 1) (WT: 45)	MILE	0.200
0033	AB1	807E12300	WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 8" (ALTERNATE 1) (WT: 45)	FT	408.000
0034	AB1	807E12410	WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 6" (ALTERNATE 1) (WT: 45)	FT	1,185.000
0035	AB1	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (ALTERNATE 1) (WT: 45)	MILE	1.500
0036	AB1	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (ALTERNATE 1) (WT: 45)	FT	1,185.000
0037	AB1	850E10120	GROOVING FOR 8" RECESSED PAVEMENT MARKING, (ASPHALT) (ALTERNATE 1) (WT: 45)	FT	408.000
0038	AB2	646E10010	EDGE LINE, 6", WHITE (ALTERNATE 2) (WT: 45)	MILE	0.130
0039	AB2	646E10010	EDGE LINE, 6", YELLOW (ALTERNATE 2) (WT: 45)	MILE	0.440
0040	AB2	646E10110	LANE LINE, 6", SOLID (ALTERNATE 2) (WT: 45)	MILE	0.110
0041	AB2	646E10200	CENTER LINE (ALTERNATE 2) (WT: 45)	MILE	0.620
0042	AB2	646E10200	CENTER LINE, 2-WAY LEFT TURN (ALTERNATE 2) (WT: 45)	MILE	0.200
0043	AB2	646E10300	CHANNELIZING LINE, 8" (ALTERNATE 2) (WT: 45)	FT	408.000
0044	AB2	646E20504	DOTTED LINE, 6" (ALTERNATE 2) (WT: 45)	FT	1,185.000
Total 0004			TRAFFIC CONTROL ALTERNATES		
Section 0005			INCIDENTALS		
0045		103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0046		614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0047		619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	1.000
0048		623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0049		624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005			INCIDENTALS		

Project Number: 210293

PID: 91887

Ashtabula

SR 11-00.00

E170(437)

DBE Goal: 7.0%

Date Set for Completion: 10/1/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF COLEBROOK AND WAYNE TOWNSHIPS, OF ASHTABULA COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REMOVING AND REPLACING THE WEARING COURSE WITH FINE GRADED POLYMER ASPHALT, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL OTHER INCIDENTAL WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	203E10000	EXCAVATION (WT: 06)	CY	170.000
0002	209E60200	LINEAR GRADING (WT: 06)	STA	405.000
0003	690E98000	SPECIAL - VERTICAL CLEARANCE (WT: 06)	EACH	6.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0004	659E10000	SEEDING AND MULCHING (WT: 46)	SY	22,500.000
0005	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	3.040
0006	659E31000	LIME (WT: 46)	ACRE	4.650
0007	659E35000	WATER (WT: 46)	MGAL	121.500
0008	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0009	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	5,000.000
0010	255E10010	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1 (WT: 17)	SY	1,000.000
0011	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	6,000.000
0012	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	170.000
0013	407E20000	NON-TRACKING TACK COAT @ 0.09 GAL/SY (WT: 10)	GAL	33,979.000

0014	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	18,219.000
0015	424E12001	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN (T=1") (WT: 10)	CY	10,488.000
0016	617E10101	COMPACTED AGGREGATE, AS PER PLAN (T=2") (WT: 06)	CY	2,532.000
0017	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	33.000
0018	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (T=1") (WT: 13)	SY	377,532.000

Total 0003 PAVEMENT

Section	0004	TRAFFIC CONTROL		
0019	621E00100	RPM (WT: 41)	EACH	1,070.000
0020	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,060.000
0021	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	37.120
0022	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	16.100
0023	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	8,696.000
0024	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	5,435.000
0025	646E10400	STOP LINE (WT: 45)	FT	258.000
0026	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	1,205.000
0027	646E10900	HANDICAP SYMBOL MARKING (WT: 45)	EACH	5.000
0028	646E20200	PARKING LOT STALL MARKING (WT: 45)	FT	621.000
0029	646E20300	LANE ARROW (WT: 45)	EACH	8.000
0030	646E20320	WRONG WAY ARROW (WT: 45)	EACH	4.000

Total 0004 TRAFFIC CONTROL

Section	0005	MAINTENANCE OF TRAFFIC		
0031	614E11111	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE, AS PER PLAN (WT: 39)	HOUR	150.000
0032	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	40.000
0033	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	20.000
0034	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	15.000
0035	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	16.100
0036	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	16.100
0037	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	32.200

0038	614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	8,030.000
0039	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	8,030.000
0040	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	258.000
0041	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	258.000
0042	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 42)	SNMT	24.000

Total 0005 MAINTENANCE OF TRAFFIC

Section 0006 INCIDENTALS

0043	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0044	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0045	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0046	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0047	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0006 INCIDENTALS

Project Number: 210294

PID: 107380

Belmont

US 40-11.62/11.81

E190(906)

DBE Goal: 4.0%

Date Set for Completion: 10/31/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN UNION TOWNSHIP, BELMONT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING 2 CULVERTS, MINOR SLOPE STABILIZATION, 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	202E20010	HEADWALL REMOVED (WT: NR)	EACH	2.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	137.000
0004	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	54.000
0005	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	300.000
0006	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	1.000
0007	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 36" CMP (WT: NR)	FT	100.000
0008	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 48" CMP (WT: NR)	FT	142.000
0009	202E98300	REMOVAL MISC.: CHANNEL PROTECTION (WT: NR)	SY	14.000
0010	203E10000	EXCAVATION (WT: 06)	CY	51.000
0011	203E20000	EMBANKMENT (WT: 06)	CY	214.000
0012	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	300.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0013	601E11000	RIPRAP, TYPE D (WT: 35)	SY	9.000
0014	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	11.000

0015	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	28.000
0016	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	4.000
0017	659E00300	TOPSOIL (WT: 46)	CY	485.000
0018	659E10000	SEEDING AND MULCHING (WT: 46)	SY	4,371.000
0019	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	219.000
0020	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.610
0021	659E31000	LIME (WT: 46)	ACRE	0.900
0022	659E35000	WATER (WT: 46)	MGAL	25.000
0023	670E00710	DITCH EROSION PROTECTION MAT, TYPE A (WT: 46)	SY	42.000
0024	832E30000	EROSION CONTROL (WT: 08)	EACH	19,213.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0025	602E20000	CONCRETE MASONRY (WT: 35)	CY	3.560
0026	611E01100	6" CONDUIT, TYPE C (WT: 35)	FT	30.000
0027	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	8.000
0028	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	68.000
0029	611E96600	CONDUIT, BORED OR JACKED, 36" TYPE B (WT: 51)	FT	164.000
0030	611E96600	CONDUIT, BORED OR JACKED, 48" TYPE A (WT: 51)	FT	154.000
0031	611E98230	CATCH BASIN, NO. 4, WITH GRATE 'E' (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section	0004	TRAFFIC CONTROL		
0032	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	6.000
0033	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	12.000
0034	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
Total 0004		TRAFFIC CONTROL		
Section	0005	MAINTENANCE OF TRAFFIC		
0035	616E10000	WATER (WT: NR)	MGAL	10.000
Total 0005		MAINTENANCE OF TRAFFIC		
Section	0006	INCIDENTALS		
0036	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0037	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000

0038	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	3.000
0039	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0040	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0006		INCIDENTALS		

Project Number: 210295

PID: 112460

Cuyahoga

Lake Avenue

E200(677)

DBE Goal: 8.0%

Date Set for Completion: 10/15/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING A SECTION IN CUYAHOGA 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	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0002	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	788.000
0003	202E30001	WALK REMOVED, AS PER PLAN (WT: NR)	SF	14,689.000
0004	202E32001	CURB REMOVED, AS PER PLAN (WT: NR)	FT	3,761.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	40.000
0006	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	2.000
0007	202E58200	INLET REMOVED (WT: NR)	EACH	2.000
0008	202E98300	REMOVAL MISC.: PAVEMENT REMOVED FOR DRIVEWAYS (WT: NR)	SY	537.000
0009	202E98300	REMOVAL MISC.: TRACK REMOVED (WT: NR)	SY	788.000
0010	203E10000	EXCAVATION (WT: 06)	CY	181.000
0011	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,284.000
0012	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	50.000
0013	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	100.000
0014	204E50001	GEOTEXTILE FABRIC, AS PER PLAN (WT: 06)	SY	150.000
0015	209E60201	LINEAR GRADING, AS PER PLAN (WT: 06)	STA	85.000
0016	608E10001	4" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	10,619.000
0017	608E13001	6" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	140.000
0018	608E15001	8" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	745.000
0019	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	1,842.000

0020	623E38501	MONUMENT ASSEMBLY, AS PER PLAN (WT: NR)	EACH	2.000
0021	623E39501	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN (WT: NR)	EACH	20.000
0022	623E40900	MONUMENT, MISC.: MONUMENT REFENCING (WT: NR)	EACH	20.000
Total 0001		ROADWAY		
Section	0002	EROSION CONTROL		
0023	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0024	659E00300	TOPSOIL (WT: 46)	CY	202.000
0025	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.250
0026	659E31000	LIME (WT: 46)	ACRE	0.380
0027	659E35000	WATER (WT: 46)	MGAL	50.000
0028	659E98000	SEEDING, MISC.: SEEDING AND MULCHING, CLASS I (HIGH QUALITY) (WT: 46)	SY	1,816.000
0029	832E30001	EROSION CONTROL, AS PER PLAN (WT: 08)	EACH	15,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0030	605E13410	6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	3,702.000
0031	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	260.000
0032	611E98631	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	24.000
0033	611E98635	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000
0034	611E98690	CATCH BASIN, MISC.: CITY OF CLEVELAND CB-1 (WT: 35)	EACH	2.000
0035	611E98690	CATCH BASIN, MISC.: CITY OF CLEVELAND CB-2 (WT: 35)	EACH	2.000
0036	611E99151	INLET ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	43.000
0037	611E99155	INLET RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000
0038	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	38.000
0039	611E99661	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000
0040	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	24,000.000
Total 0003		DRAINAGE		
Section	0004	DRAINAGE ALTERNATES		

0041	AA1	611E04401	12" CONDUIT, TYPE B, AS PER PLAN (WT: 35)	FT	40.000
0042	AA2	611E04401	12" CONDUIT, TYPE B, AS PER PLAN, 706.08 (WT: 35)	FT	40.000

Total 0004 DRAINAGE ALTERNATES

Section	0005	PAVEMENT		
0043	251E01001	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN (WT: 16)	SY	3,395.000
0044	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (2" TO 3 1/4" VARIABLE DEPTH PLANING) (WT: 13)	SY	1,945.000
0045	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (3 1/4" UNIFORM) (WT: 13)	SY	36,562.000
0046	255E10161	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS, AS PER PLAN (WT: 17)	SY	5,810.000
0047	304E20001	AGGREGATE BASE, AS PER PLAN (6" MIN.) (WT: 09)	CY	200.000
0048	305E17500	CONCRETE BASE, MISC.: 9" CONCRETE BASE, CLASS QC 3 SPECIAL (WT: 12)	SY	347.000
0049	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	3,852.000
0050	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	3,852.000
0051	441E10101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), AS PER PLAN 1 1/2", PG64-22 (WT: 10)	CY	83.000
0052	441E10101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), AS PER PLAN 1 1/2", PG70-22M (WT: 10)	CY	1,525.000
0053	441E10201	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446), AS PER PLAN 1 3/4" (WT: 10)	CY	1,778.000
0054	441E50201	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN (1" MIN. TO 1.75" MAX) (PG64-22) (WT: 10)	CY	96.000
0055	441E50201	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN 0" MIN., PG64-22 (WT: 10)	CY	150.000
0056	452E19200	NON-REINFORCED CONCRETE PAVEMENT, MISC.: 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 3 SPECIAL (WT: 12)	SY	158.000
0057	452E19200	NON-REINFORCED CONCRETE PAVEMENT, MISC.: 8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 3 SPECIAL (WT: 12)	SY	337.000
0058	452E19250	NON-REINFORCED CONCRETE PAVEMENT, MISC.: COLORED AND STAMPED CROSSWALK (WT: 12)	SF	1,576.000

0059	609E26001	CURB, TYPE 6, AS PER PLAN (WT: 38)	FT	4,608.000
0060	609E50001	4" CONCRETE TRAFFIC ISLAND, AS PER PLAN (WT: 38)	SY	61.000
0061	872E10000	VOID REDUCING ASPHALT MEMBRANE (VRAM) (WT: 10)	FT	9,998.000
Total 0005		PAVEMENT		
Section 0006	WATER WORK			
0062	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	100.000
0063	638E10901	SERVICE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	14.000
0064	638E98000	WATER WORK, MISC.: WATER MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	19.000
0065	638E98000	WATER WORK, MISC.: WATER MANHOLE RECONSTRUCTED TO GRADE (WT: 35)	EACH	2.000
0066	638E98000	WATER WORK, MISC.: WATER METER ADJUSTED TO GRADE (WT: 35)	EACH	11.000
Total 0006		WATER WORK		
Section 0007	TRAFFIC CONTROL			
0067	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	768.000
0068	630E08004	ONE WAY SUPPORT, NO. 3 POST (WT: 42)	FT	13.000
0069	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	16.000
0070	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	146.000
0071	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	733.400
0072	630E80500	SIGN, DOUBLE FACED, STREET NAME (WT: 42)	EACH	5.000
0073	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	59.000
0074	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0075	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	37.000
0076	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	166.000
0077	630E97700	SIGNING, MISC.: SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY (WT: 42)	EACH	4.000
0078	644E00100	EDGE LINE, 4" (WT: 45)	MILE	2.090
0079	644E00300	CENTER LINE (WT: 45)	MILE	2.250
0080	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	436.000

0081	644E00500	STOP LINE (WT: 45)	FT	261.000
0082	644E00600	CROSSWALK LINE (WT: 45)	FT	2,744.000
0083	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	1,638.000
0084	644E00900	ISLAND MARKING (WT: 45)	SF	129.000
0085	644E01300	LANE ARROW (WT: 45)	EACH	56.000
0086	644E01630	BIKE LANE SYMBOL MARKING (WT: 45)	EACH	17.000
0087	644E19000	SHARED LANE MARKING (WT: 45)	EACH	6.000
Total 0007		TRAFFIC CONTROL		
Section 0008	TRAFFIC SIGNALS			
0088	625E32000	GROUND ROD (WT: 43)	EACH	3.000
0089	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	12.000
0090	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	3.000
Total 0008		TRAFFIC SIGNALS		
Section 0009	LANDSCAPING			
0091	661E99900	PLANTING, MISC.: ELYMUS ARENARIUS 'BLUE DUNE' - BLUE DUNE LYME GRASS (WT: 46)	EACH	40.000
0092	661E99900	PLANTING, MISC.: HEMEROCALIS SP. 'RUBY STELLA' - RUBY STELLA DAYLILY (WT: 46)	EACH	159.000
0093	661E99900	PLANTING, MISC.: RHUS AROMATICA 'GRO- LOW' - GRO-LOW SUMAC (WT: 46)	EACH	124.000
0094	661E99900	PLANTING, MISC.: SYRINGA RETICULATA 'IVORY SILK' - IVORY SILK JAPANESE TREE LILAC (WT: 46)	EACH	11.000
Total 0009		LANDSCAPING		
Section 0010	MAINTENANCE OF TRAFFIC			
0095	410E12001	TRAFFIC COMPACTED SURFACE, TYPE A OR B, AS PER PLAN (WT: NR)	CY	50.000
0096	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	250.000
0097	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0098	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	100.000
0099	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	12.000
0100	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	1.020
0101	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	5.430
0102	614E22200	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	MILE	0.100

0103	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	790.000
0104	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	40.000
0105	614E27200	WORK ZONE CROSSWALK LINE, CLASS I, 642 PAINT (WT: 39)	FT	2,160.000
0106	616E10000	WATER (WT: NR)	MGAL	10.000
0107	616E20000	CALCIUM CHLORIDE (WT: NR)	TON	1.000

Total 0010 MAINTENANCE OF TRAFFIC

Section 0011 INCIDENTALS

0108	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0109	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0110	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	12.000
0111	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0112	624E10000	MOBILIZATION (WT: NR)	LS	1.000
0113	690E98400	SPECIAL - PRE-CONSTRUCTION AUDIO/VIDEO (WT: NR)	LS	1.000

Total 0011 INCIDENTALS

Project Number: 210296

PID: 114329

Cuyahoga

SR 175-07.97

E210(113)

DBE Goal: 5.0%

Date Set for Completion: 9/30/2021

Type: SPOT PATCHING / PAVEMENT REPAIR

Plan Cost: N/A

FOR IMPROVING A SECTION IN CUYAHOGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONCRETE PAVEMENT REPAIR AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E30000	WALK REMOVED (WT: NR)	SF	677.000
0002	202E32000	CURB REMOVED (WT: NR)	FT	90.000
0003	203E10001	EXCAVATION, AS PER PLAN (WT: 06)	CY	100.000
0004	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,000.000
0005	608E10000	4" CONCRETE WALK (WT: 38)	SF	100.000
0006	608E52000	CURB RAMP (WT: 38)	SF	609.000
0007	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	2.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0008	832E30001	EROSION CONTROL, AS PER PLAN (WT: 08)	EACH	4,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0009	611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	EACH	1.000
0010	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	3.000
0011	611E99660	MANHOLE RECONSTRUCTED TO GRADE (WT: 35)	EACH	2.000
0012	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	3,000.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		

0013	255E10011	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1, AS PER PLAN (WT: 17)	SY	3,006.000
0014	255E10161	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS, AS PER PLAN (WT: 17)	SY	376.000
0015	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	10,070.000
0016	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	100.000
0017	451E32000	SPECIAL - PRESSURE RELIEF JOINT, TYPE C (WT: 12)	FT	53.000
Total 0004		PAVEMENT		
Section	0005	WATER WORK		
0018	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	4.000
0019	638E98000	WATER WORK, MISC.: CWD VAULT ADJUSTED TO GRADE (WT: 35)	EACH	2.000
Total 0005		WATER WORK		
Section	0006	TRAFFIC SIGNALS		
0020	632E26500	DETECTOR LOOP (WT: 44)	EACH	2.000
Total 0006		TRAFFIC SIGNALS		
Section	0007	MAINTENANCE OF TRAFFIC		
0021	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	60.000
0022	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	8.000
0023	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	1.150
0024	614E23400	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 740.06, TYPE I (WT: 39)	FT	1,020.000
0025	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	70.000
0026	614E30400	WORK ZONE ARROW, CLASS I, 740.06, TYPE I (WT: 39)	EACH	16.000
Total 0007		MAINTENANCE OF TRAFFIC		
Section	0008	INCIDENTALS		
0027	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0028	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0029	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	4.000
0030	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000

0031	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

Project Number: 210297

PID: 109589

D05

GUE, LIC

Guardrail FY2021

E190(757)

DBE Goal: 5.0%

Date Set for Completion: 4/15/2022

Type: GUARDRAIL REBUILDING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN LICKING, FAIRFIELD, AND GUERNSEY COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY UPGRADING AND REPLACING GUARDRAIL AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	9,962.500
0002	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	83.000
0003	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	9.000
0004	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	13.000
0005	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	4.000
0006	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	2,920.000
0007	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	10,550.000
0008	606E15101	GUARDRAIL, TYPE MGS WITH LONG POSTS, AS PER PLAN (WT: 36)	FT	762.500
0009	606E15200	GUARDRAIL, TYPE MGS HALF POST SPACING WITH LONG POSTS (WT: 36)	FT	50.000
0010	606E15300	GUARDRAIL, TYPE MGS QUARTER POST SPACING WITH LONG POSTS (WT: 36)	FT	37.500
0011	606E17360	GUARDRAIL, TYPE MGS, LONG-SPAN (WT: 36)	FT	450.000
0012	606E25550	ANCHOR ASSEMBLY, MGS TYPE A (WT: 36)	EACH	6.000

0013	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350 OR MASH 2016) (WT: 36)	EACH	73.000
0014	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	28.000
0015	606E50000	SPECIAL - RESHAPING BERM (WT: 06)	FT	15,561.000
0016	606E55010	SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION (WT: 36)	FT	4,570.000
0017	606E55150	SPECIAL - CABLE BARRIER, ANCHOR ASSEMBLY (WT: 36)	EACH	4.000
0018	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	9.000
0019	690E98300	SPECIAL - NO MOW STRIP (WT: 38)	SY	2,076.000
Total 0001		ROADWAY		
Section	0002	EROSION CONTROL		
0020	659E00510	SEEDING AND MULCHING, CLASS 2 (WT: 46)	SY	7,802.000
0021	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.060
0022	659E31000	LIME (WT: 46)	ACRE	1.750
0023	659E35000	WATER (WT: 46)	MGAL	42.130
0024	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	3,650.000
0025	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0002		EROSION CONTROL		
Section	0003	TRAFFIC CONTROL		
0026	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	228.000
0027	626E00118	BARRIER REFLECTOR, TYPE 6 (WT: NR)	EACH	48.000
0028	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	12.000
Total 0003		TRAFFIC CONTROL		
Section	0004	INCIDENTALS		
0029	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0030	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0031	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0032	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0004		INCIDENTALS		

Project Number: 210298

PID: 94393

Erie

SR 113-06.84

E140(795)

DBE Goal: 8.0%

Date Set for Completion: 11/12/2021

Type: MINOR WIDENING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF THE VILLAGES OF MILAN AND BERLIN HEIGHTS, OF MILAN TOWNSHIP AND BERLIN TOWNSHIP, OF ERIE COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING, RESURFACING, AND WIDENING SPECIFIED SECTIONS OF SR-113 AND SR-61, 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	202E20010	HEADWALL REMOVED (WT: NR)	EACH	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	820.000
0004	202E30000	WALK REMOVED (WT: NR)	SF	2,468.000
0005	202E32000	CURB REMOVED (WT: NR)	FT	349.000
0006	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	137.000
0007	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	6.000
0008	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	250.000
0009	202E38200	GUARDRAIL REMOVED FOR REUSE (WT: NR)	FT	62.500
0010	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	4.000
0011	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	2.000
0012	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	7.000
0013	202E98100	REMOVAL MISC.: CONCRETE PAD (WT: NR)	EACH	1.000
0014	203E10000	EXCAVATION (WT: 06)	CY	794.000
0015	203E10001	EXCAVATION, AS PER PLAN (WT: 06)	CY	11,420.000
0016	203E20000	EMBANKMENT (WT: 06)	CY	1,622.000
0017	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	66.000
0018	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	42,083.000

0019	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	2,665.000
0020	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	2,665.000
0021	204E45000	PROOF ROLLING (WT: NR)	HOUR	56.000
0022	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	5,330.000
0023	209E15000	RESHAPING UNDER GUARDRAIL (WT: 06)	STA	12.630
0024	209E60500	LINEAR GRADING (WT: 06)	MILE	3.240
0025	209E72051	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	MILE	10.900
0026	209E80000	GRADING MAILBOX APPROACHES (WT: 06)	EACH	24.000
0027	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	275.000
0028	606E16500	GUARDRAIL REBUILT, TYPE 5 (WT: 36)	FT	62.500
0029	606E17000	RAISING TYPE 5 GUARDRAIL (WT: 36)	FT	737.500
0030	606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	EACH	3.000
0031	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	3.000
0032	608E52000	CURB RAMP (WT: 38)	SF	2,672.000
0033	609E26000	CURB, TYPE 6 (WT: 38)	FT	349.000
0034	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	4.000
0035	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	8.000
0036	623E40520	RIGHT-OF-WAY MONUMENT (WT: NR)	EACH	15.000
0037	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	31.000
0038	690E50200	SPECIAL - MAILBOX SUPPORT SYSTEM, DOUBLE (WT: NR)	EACH	1.000

Total 0001 ROADWAY

Section	0002	EROSION CONTROL		
0039	601E11000	RIPRAP, TYPE D (WT: 35)	SY	8.000
0040	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0041	659E00300	TOPSOIL (WT: 46)	CY	1,088.000
0042	659E00300	TOPSOIL (4" THICK) (WT: 46)	CY	412.000
0043	659E10000	SEEDING AND MULCHING (WT: 46)	SY	9,793.000
0044	659E10001	SEEDING AND MULCHING, AS PER PLAN (WT: 46)	SY	2,000.000
0045	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	490.000
0046	659E15000	INTER-SEEDING (WT: 46)	SY	490.000
0047	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.370
0048	659E31000	LIME (WT: 46)	ACRE	2.020
0049	659E35000	WATER (WT: 46)	MGAL	54.210
0050	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	3,954.000

0051	670E00520	SLOPE EROSION PROTECTION MAT, TYPE B (WT: 46)	SY	495.000
0052	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	42.000
0053	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0054	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0055	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0056	832E30000	EROSION CONTROL (WT: 08)	EACH	18,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0057	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0058	602E20000	CONCRETE MASONRY (WT: 35)	CY	1.900
0059	605E05110	4" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	500.000
0060	605E31100	AGGREGATE DRAINS (WT: 35)	FT	9,307.000
0061	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	8.000
0062	611E01800	8" CONDUIT, TYPE B (WT: 35)	FT	40.000
0063	611E02000	8" CONDUIT, TYPE C (WT: 35)	FT	8.000
0064	611E03100	10" CONDUIT, TYPE B (WT: 35)	FT	16.000
0065	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	83.000
0066	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	54.000
0067	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	190.000
0068	611E08900	21" CONDUIT, TYPE B (WT: 35)	FT	77.000
0069	611E16200	36" CONDUIT, TYPE A, 707.33 (WT: 35)	FT	20.000
0070	611E16600	36" CONDUIT, TYPE C (WT: 35)	FT	14.000
0071	611E98371	CATCH BASIN, NO. 6, AS PER PLAN (WT: 35)	EACH	3.000
0072	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	10.000
0073	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	22.000
0074	611E99150	INLET ADJUSTED TO GRADE (WT: 35)	EACH	16.000
0075	611E99575	MANHOLE, NO. 3, AS PER PLAN (WT: 35)	EACH	9.000
0076	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0077	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (WT: 16)	CY	1,465.000
0078	253E02000	PAVEMENT REPAIR (WT: 16)	CY	155.000

0079	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.5") (WT: 13)	SY	49,929.000
0080	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (2.5") (WT: 13)	SY	81,848.000
0081	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (4.0") (WT: 13)	SY	31,979.000
0082	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (TAPER 2.5" TO 3.25") (WT: 13)	SY	2,530.000
0083	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	638.000
0084	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	4,315.000
0085	304E20000	AGGREGATE BASE (WT: 09)	CY	11,095.000
0086	407E10000	TACK COAT (WT: 10)	GAL	12,093.000
0087	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	3,876.000
0088	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	6,998.000
0089	442E00201	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446), AS PER PLAN (PG64-22) (1.5") (WT: 10)	CY	5,943.000
0090	442E00201	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446), AS PER PLAN (PG64-22) (SAFETY EDGE) (WT: 10)	CY	176.000
0091	442E20201	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448), AS PER PLAN (PG64-22) (1.75") (WT: 10)	CY	4,477.000
0092	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	122.000
0093	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	1,505.000
0094	617E20000	SHOULDER PREPARATION (WT: 06)	SY	13,433.000
0095	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	3.390
0096	690E12060	SPECIAL - PAVEMENT OVERLAY FABRIC COMPOSITE (WT: NR)	SY	31,970.000
0097	874E20000	LONGITUDINAL JOINT PREPARATION (WT: 10)	FT	17,899.000

Total 0004 PAVEMENT

Section 0005 WATER WORK

0098	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	10.000
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Total 0005 WATER WORK

Section 0006 TRAFFIC CONTROL

0099	621E00100	RPM (WT: 41)	EACH	511.000
0100	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	494.000

0101	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	28.000
0102	630E03101	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN (WT: 42)	FT	470.000
0103	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	272.000
0104	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	24.000
0105	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	19.000
0106	630E97700	SIGNING, MISC.: SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY (WT: 42)	EACH	2.000
0107	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	14.900
0108	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	8.410
0109	644E00500	STOP LINE (WT: 45)	FT	368.000
0110	644E00600	CROSSWALK LINE (WT: 45)	FT	1,432.000
0111	644E00601	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	136.000
0112	644E01110	SCHOOL SYMBOL MARKING, 96" (WT: 45)	EACH	2.000
0113	644E01200	PARKING LOT STALL MARKING (WT: 45)	FT	1,024.000
0114	644E01630	BIKE LANE SYMBOL MARKING (WT: 45)	EACH	20.000

Total 0006 TRAFFIC CONTROL

Section	0007	MAINTENANCE OF TRAFFIC		
0115	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	200.000
0116	410E13000	TRAFFIC COMPACTED SURFACE, TYPE C (WT: NR)	CY	200.000
0117	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	50.000
0118	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0119	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	97.000
0120	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	35.000
0121	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	12.000
0122	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	14.880
0123	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	11.400
0124	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	10.840
0125	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	512.000

0126	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	1,432.000
0127	614E40051	BUSINESS ENTRANCE SIGN, AS PER PLAN (WT: 39)	EACH	32.000
0128	616E10000	WATER (WT: NR)	MGAL	6.690

Total 0007 MAINTENANCE OF TRAFFIC

Section 0008	INCIDENTALS			
0129	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0130	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0131	619E16020	FIELD OFFICE, TYPE C (WT: NR)	MNTH	6.000
0132	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0133	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0008 INCIDENTALS

Project Number: 210299

PID: 114210

Franklin

IR 270-(08.29)(17.28)

E210(109)

DBE Goal: 5.0%

Date Set for Completion: 9/15/2021

Type: SPOT SAFETY

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY WITHIN THE CITIES OF COLUMBUS AND DUBLIN, OF FRANKLIN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CLEANING THE SURFACE AND PLACING A HIGH FRICTION SURFACE TREATMENT ON PORTIONS OF INTERCHANGE RAMPS AT THE INTERCHANGES OF I-270/I-70 ON THE WEST SIDE OF THE CITY AND I-270/US 33/SR 161. PROJECT INCLUDES PLACING WET REFLECTIVE PAVEMENT MARKINGS AT THESE LOCATIONS.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	PAVEMENT		
0001	888E20000	HIGH FRICTION SURFACE TREATMENT, DOUBLE LIFT (WT: NR)	SY	25,227.000
Total	0001	PAVEMENT		
Section	0002	TRAFFIC CONTROL		
0002	621E00100	RPM (WT: 41)	EACH	218.000
0003	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	218.000
0004	644E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	1.000
0005	646E50100	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	1,426.000
0006	646E50300	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	6.000
0007	807E12010	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	5.000
0008	807E12110	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	2.000
0009	807E12310	WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	1,426.000
0010	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	1,485.000
0011	850E10130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	257.000

0012	850E20110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	25,165.000
0013	850E20130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	1,169.000
Total 0002		TRAFFIC CONTROL		
Section 0003		MAINTENANCE OF TRAFFIC		
0014	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	70.000
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	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0019	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0004		INCIDENTALS		

Project Number: 210300
PID: 108702
Franklin
Etna St / Elbern Ave Pt 1 & Pt 2
E191(005)

DBE Goal: 10.0%

Date Set for Completion: 10/15/2021

Type: BRIDGE REPLACEMENT (1 BRIDGE)

Plan Cost: N/A

FOR IMPROVING FRA-ETNA STREET IN FRANKLIN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING BRIDGE NO. FRA-M1555-00200 WITH A SINGLE SPAN CONCRETE SLAB ON REINFORCED CONCRETE SUBSTRUCTURE, (SPAN: 33'; ROADWAY: 24' TOE/TOE OF CURB), OVER MASON RUN. AND REPLACING BRIDGE NO. FRA-M1485-00380 WITH A 11'-8" SPAN X 5'-9" RISE ALUMINUM BOX CULVERT, ELBERN AVE OVER TURKEY RUN.

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	14.000
0003	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	10.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	100.000
0005	203E10000	EXCAVATION (WT: 06)	CY	98.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	24.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	477.000
0008	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	45.000
0009	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	45.000
0010	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0011	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	67.000
0012	606E25000	ANCHOR ASSEMBLY, TYPE A (WT: 36)	EACH	2.000
0013	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	2.000
0014	608E10000	4" CONCRETE WALK (WT: 38)	SF	596.000
0015	609E26000	CURB, TYPE 6 (WT: 38)	FT	134.000
Total	0001	ROADWAY (PART 1)		
Section	0002	EROSION CONTROL (PART 1)		
0016	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000

0017	659E00300	TOPSOIL (WT: 46)	CY	69.000
0018	659E10000	SEEDING AND MULCHING (WT: 46)	SY	622.000
0019	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	31.000
0020	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.080
0021	659E31000	LIME (WT: 46)	ACRE	0.130
0022	659E35000	WATER (WT: 46)	MGAL	3.000
0023	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL (PART 1)		
Section	0003	DRAINAGE (PART 1)		
0024	602E98000	MASONRY, MISC.:CUSTOM FULL HEIGHT HEADWALL (WT: 35)	LS	1.000
0025	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	21.000
0026	611E19400	42" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	40.000
0027	611E19600	42" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	12.000
0028	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	1.000
0029	611E99575	MANHOLE, NO. 3, AS PER PLAN (WT: 35)	EACH	1.000
0030	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	2.000
Total	0003	DRAINAGE (PART 1)		
Section	0004	PAVEMENT (PART 1)		
0031	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	27.000
0032	304E20000	AGGREGATE BASE (WT: 09)	CY	73.000
0033	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	32.000
0034	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	26.000
Total	0004	PAVEMENT (PART 1)		
Section	0005	WATER WORK (PART 1)		
0035	638E08500	8" INSERTING VALVE AND VALVE BOX (COLUMBUS 802) (WT: 35)	EACH	2.000
0036	638E20080	SPECIAL - 8" WATER MAIN DIP CLASS 52 MECHANICAL JOINTS AND FITTINGS (COLUMBUS 801) (WT: 35)	FT	173.000
0037	690E98700	SPECIAL - CONCRETE BACKING, INCREASE OR DECREASE (COLUMBUS 801) (WT: 35)	CY	9.000
0038	690E98700	SPECIAL - INCREASE OR DECREASE IN EXCAVATION AND BACKFILL (COLUMBUS 811) (WT: 35)	CY	21.000
0039	690E99400	SPECIAL - DUCTILE IRON FITTING, INCREASE OR DECREASE (COLUMBUS 801) (WT: 35)	LB	600.000

Total 0005		WATER WORK (PART 1)		
Section	0006	STRUCTURE OVER 20 FOOT SPAN (FRA-M1555-00200) (PART 1)		
0040	202E11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0041	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	81.000
0042	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 20)	LS	1.000
0043	503E21300	UNCLASSIFIED EXCAVATION (WT: 20)	LS	1.000
0044	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0045	507E00600	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	FT	1,000.000
0046	507E00650	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	FT	1,100.000
0047	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	32,337.000
0048	511E32210	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 20)	CY	113.000
0049	511E43510	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING (WT: 20)	CY	101.000
0050	511E71200	CONCRETE, MISC.:FORM LINER (WT: 20)	SF	334.000
0051	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	233.000
0052	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	58.000
0053	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	110.000
0054	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	25.000
0055	516E14014	INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: NR)	FT	123.000
0056	517E74500	RAILING, CONCRETE (WT: 38)	FT	73.000
0057	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 20)	CY	43.000
0058	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	128.000
0059	518E40012	6" NON-PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	33.000
0060	523E20000	DYNAMIC LOAD TESTING (WT: NR)	EACH	1.000
0061	526E10000	REINFORCED CONCRETE APPROACH SLABS (T=12") (WT: 29)	SY	114.000

0062	526E90010	TYPE A INSTALLATION (WT: 29)	FT	76.000
0063	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	61.000
Total 0006	STRUCTURE OVER 20 FOOT SPAN (FRA-M1555-00200) (PART 1)			
Section 0007	MAINTENANCE OF TRAFFIC (PART 1)			
0064	410E10000	TRAFFIC COMPACTED SURFACE, TYPE A (WT: NR)	CY	6.000
Total 0007	MAINTENANCE OF TRAFFIC (PART 1)			
Section 0008	ROADWAY (PART 2)			
0065	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0066	202E23000	PAVEMENT REMOVED (WT: NR)	SY	67.000
0067	202E32000	CURB REMOVED (WT: NR)	FT	7.000
0068	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	11.000
0069	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	83.000
0070	202E75200	FENCE REMOVED FOR REUSE (WT: NR)	FT	51.000
0071	203E10000	EXCAVATION (WT: 06)	CY	203.000
0072	203E20000	EMBANKMENT (WT: 06)	CY	22.000
0073	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	644.000
0074	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	72.000
0075	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	72.000
0076	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0077	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	108.000
0078	204E51000	GEOGRID (WT: 06)	SY	54.000
0079	607E23004	FENCE REBUILT, TYPE CLT (WT: 37)	FT	40.000
0080	607E23100	FENCE REBUILT (WT: 37)	FT	48.000
0081	608E10000	4" CONCRETE WALK (WT: 38)	SF	1,233.000
0082	609E26000	CURB, TYPE 6 (WT: 38)	FT	253.000
0083	690E50500	SPECIAL - CONCRETE PARKING BLOCK (WT: NR)	EACH	3.000
Total 0008	ROADWAY (PART 2)			
Section 0009	EROSION CONTROL (PART 2)			
0084	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0085	659E00300	TOPSOIL (WT: 46)	CY	80.000
0086	659E10000	SEEDING AND MULCHING (WT: 46)	SY	724.000
0087	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	36.000
0088	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.100
0089	659E31000	LIME (WT: 46)	ACRE	0.150

0090	659E35000	WATER (WT: 46)	MGAL	4.000
0091	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0009		EROSION CONTROL (PART 2)		
Section 0010	DRAINAGE (PART 2)			
0092	611E98541	CATCH BASIN, NO. 2-4, AS PER PLAN (WT: 35)	EACH	1.000
0093	611E99900	DRAINAGE STRUCTURE, MISC.: CHECK VALVE FOR 18" CONDUIT (WT: 35)	EACH	1.000
Total 0010		DRAINAGE (PART 2)		
Section 0011	PAVEMENT (PART 2)			
0094	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	58.000
0095	304E20000	AGGREGATE BASE (WT: 09)	CY	105.000
0096	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	58.000
0097	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	44.000
0098	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 38)	SY	26.000
Total 0011		PAVEMENT (PART 2)		
Section 0012	WATER WORK (PART 2)			
0099	638E06700	16" STEEL PIPE ENCASEMENT, OPEN CUT (COLUMBUS 806) (WT: 35)	FT	40.000
0100	638E20040	SPECIAL - 6" WATER MAIN DIP CLASS 52 MECHANICAL JOINTS AND FITTINGS (COLUMBUS 801) (WT: 35)	FT	128.000
0101	638E20878	SPECIAL - CUT AND PLUG EXISTING 6" WATER LINE (COLUMBUS 802) (WT: 35)	EACH	2.000
0102	638E98000	WATER WORK, MISC.: 3/4" WATER SERVICE LINE TRANSFER (COLUMBUS 805) (WT: 35)	EACH	2.000
0103	690E98700	SPECIAL - CONCRETE BACKING, INCREASE OR DECREASE (COLUMBUS 801) (WT: 35)	CY	6.000
0104	690E98700	SPECIAL - INCREASE OR DECREASE IN EXCAVATION AND BACKFILL (COLUMBUS 811) (WT: 35)	CY	20.000
0105	690E99400	SPECIAL - DUCTILE IRON FITTING, INCREASE OR DECREASE (COLUMBUS 801) (WT: 35)	LB	360.000
Total 0012		WATER WORK (PART 2)		
Section 0013	TRAFFIC CONTROL (PART 2)			
0106	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	28.000
0107	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000

0108	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0109	644E00500	STOP LINE (WT: 45)	FT	12.000
0110	644E00600	CROSSWALK LINE (WT: 45)	FT	56.000
Total 0013		TRAFFIC CONTROL (PART 2)		
Section	0014	STRUCTURE OVER 20 FOOT SPAN (FRA-M1485-00380) (PART 2)		
0111	202E11001	STRUCTURE REMOVED, AS PER PLAN (WT: 19)	LS	1.000
0112	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	57.000
0113	203E35120	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	134.000
0114	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 35)	LS	1.000
0115	503E21300	UNCLASSIFIED EXCAVATION (WT: 20)	LS	1.000
0116	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	12,900.000
0117	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	43.000
0118	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	73.000
0119	511E71200	CONCRETE, MISC.: FORM LINER (WT: 20)	SF	768.000
0120	512E10050	SEALING OF CONCRETE SURFACES (NON- EPOXY) (WT: 57)	SY	121.000
0121	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 20)	CY	23.000
0122	601E21000	CONCRETE SLOPE PROTECTION (WT: 35)	SY	20.000
0123	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	32.000
0124	611E73501	CONDUIT, TYPE A, CORRUGATED ALUMINUM BOX CULVERT, AS PER PLAN (MINIMUM COVER = 1'-8", MAX COVER = 2'- 10") (11'-8" SPAN X 5'-9" RISE) (WT: 35)	FT	70.000
Total 0014		STRUCTURE OVER 20 FOOT SPAN (FRA-M1485-00380) (PART 2)		
Section	0015	MAINTENANCE OF TRAFFIC (PART 2)		
0125	410E10000	TRAFFIC COMPACTED SURFACE, TYPE A (WT: NR)	CY	6.000
Total 0015		MAINTENANCE OF TRAFFIC (PART 2)		
Section	0016	INCIDENTALS (PART 1 AND PART 2)		
0126	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0127	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000

0128	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0129	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0016 INCIDENTALS (PART 1 AND PART 2)				

Project Number: 210301

PID: 104844

Hamilton

/WAR-IR 71-19.83/00.00

E170(851)

DBE Goal: 10%

Date Set for Completion: 6/1/2023

Type: INTERCHANGE

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY WITHIN SYMMES AND DEERFIELD TOWNSHIPS, WITHIN HAMILTON AND WARREN COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A PROPOSED ENTRANCE RAMP FROM MASON-MONTGOMERY ROAD TO I-71 SB, WHICH INCLUDES WIDENING THE STRUCTURE CARRYING I-71 SB OVER FIELDS ERTTEL ROAD. PROJECT INCLUDES A SIGNIFICANT AMOUNT OF EARTHWORK TO BUILD THE RAMP, RESURFACING A PORTION OF I-71 SB, DRAINAGE WORK FOR THE PROPOSED RAMP, AND ALL OTHER ITEMS OF 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	202E20010	HEADWALL REMOVED (WT: NR)	EACH	2.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	22.000
0004	202E30000	WALK REMOVED (WT: NR)	SF	360.000
0005	202E30700	CONCRETE BARRIER REMOVED (WT: NR)	FT	55.000
0006	202E32000	CURB REMOVED (WT: NR)	FT	287.000
0007	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	465.000
0008	202E34900	PIPE REMOVED (WT: NR)	FT	93.000
0009	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	601.000
0010	202E58200	INLET REMOVED (WT: NR)	EACH	2.000
0011	202E75000	FENCE REMOVED (WT: NR)	FT	835.000
0012	202E98200	REMOVAL MISC.: PAVED GUTTER (WT: NR)	FT	61.000
0013	203E10000	EXCAVATION (WT: 04)	CY	2,396.000
0014	203E20000	EMBANKMENT (WT: 04)	CY	23,095.000
0015	203E35120	GRANULAR MATERIAL, TYPE C (WT: 04)	CY	118.000
0016	203E65000	SPECIAL - SETTLEMENT PLATFORM (WT: 04)	EACH	2.000
0017	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000

0018	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	768.000
0019	206E10500	CEMENT (WT: NR)	TON	149.000
0020	206E11000	CURING COAT (WT: 07)	SY	5,754.000
0021	206E15010	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP (WT: 07)	SY	5,754.000
0022	206E30000	MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS (WT: 07)	LS	1.000
0023	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	1,038.000
0024	606E26150	ANCHOR ASSEMBLY, MGS TYPE E MASH 2016 (WT: 36)	EACH	2.000
0025	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0026	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	2.000
0027	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	1.000
0028	606E60028	IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL) , 35 MPH, 24" WIDE (WT: 36)	EACH	1.000
0029	607E23000	FENCE, TYPE CLT (WT: 37)	FT	718.000
0030	608E10000	4" CONCRETE WALK (WT: 38)	SF	2,495.000
0031	608E52000	CURB RAMP (WT: 38)	SF	428.000
0032	622E10060	CONCRETE BARRIER, SINGLE SLOPE, TYPE B (WT: 38)	FT	166.000
0033	622E10160	CONCRETE BARRIER, SINGLE SLOPE, TYPE D (WT: 38)	FT	75.000
0034	622E24841	CONCRETE BARRIER END SECTION, TYPE B, AS PER PLAN (WT: 38)	EACH	1.000
0035	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	4.000
0036	863E00100	GEOGRID, TYPE P1 (WT: 06)	SY	1,745.000
0037	863E00600	GEOGRID, TYPE S1 (WT: 06)	SY	462.000
0038	863E00800	REINFORCED EMBANKMENT (WT: 04)	CY	1,295.000
0039	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000

Total 0001 ROADWAY

Section	0002	EROSION CONTROL		
0040	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	1.800
0041	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	13.000
0042	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	9.000
0043	601E32300	ROCK CHANNEL PROTECTION, TYPE D WITH FILTER (WT: 35)	CY	20.000

0044	601E37500	PAVED GUTTER, TYPE 1-2 (WT: 38)	FT	287.000
0045	601E38400	PAVED GUTTER, TYPE 2 (WT: 38)	FT	139.000
0046	601E39500	PAVED GUTTER, TYPE 5 (WT: 38)	FT	148.000
0047	616E10000	WATER (WT: NR)	MGAL	62.000
0048	659E00300	TOPSOIL (WT: 46)	CY	1,299.000
0049	659E00530	SEEDING AND MULCHING, CLASS 3B (WT: 46)	SY	435.000
0050	659E10000	SEEDING AND MULCHING (WT: 46)	SY	11,098.000
0051	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	576.000
0052	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.500
0053	659E31000	LIME (WT: 46)	ACRE	2.380
0054	659E40000	MOWING (WT: 46)	MSF	25.000
0055	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	1,035.000
0056	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	271.000
0057	670E00710	DITCH EROSION PROTECTION MAT, TYPE A (WT: 46)	SY	270.000
0058	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0059	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0060	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0061	832E30000	EROSION CONTROL (WT: 08)	EACH	74,280.000

Total 0002 EROSION CONTROL

Section	0003	DRAINAGE		
0062	602E20000	CONCRETE MASONRY (WT: 35)	CY	3.000
0063	605E05200	4" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	144.000
0064	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	3,296.000
0065	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	377.000
0066	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	31.000
0067	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	46.000
0068	611E05200	12" CONDUIT, TYPE F (WT: 35)	FT	12.000
0069	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	185.000
0070	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	47.000
0071	611E06700	15" CONDUIT, TYPE F, 707.05 TYPE C OR 707.21 (WT: 35)	FT	65.000
0072	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	249.000
0073	611E13400	30" CONDUIT, TYPE B (WT: 35)	FT	81.000

0074	611E16400	36" CONDUIT, TYPE B (WT: 35)	FT	663.000
0075	611E16600	36" CONDUIT, TYPE C (WT: 35)	FT	24.000
0076	611E22600	54" CONDUIT, TYPE C (WT: 35)	FT	173.000
0077	611E23800	60" CONDUIT, TYPE B (WT: 35)	FT	24.000
0078	611E53104	43" X 68" CONDUIT, TYPE C, 706.04 (WT: 35)	FT	8.000
0079	611E97010	SLOTTED DRAIN, TYPE 2 (15") (WT: 35)	FT	26.000
0080	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	2.000
0081	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	2.000
0082	611E98370	CATCH BASIN, NO. 6 (WT: 35)	EACH	2.000
0083	611E98450	CATCH BASIN, NO. 2-2A (WT: 35)	EACH	2.000
0084	611E99155	INLET RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	4.000
0085	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	6.000
0086	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	2.000
0087	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000

Total 0003 DRAINAGE

Section	0004	PAVEMENT		
0088	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE 1.5" (WT: 13)	SY	92.000
0089	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE VARIABLE DEPTH (WT: 13)	SY	3,035.000
0090	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	5.000
0091	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	853.000
0092	304E20000	AGGREGATE BASE (WT: 09)	CY	1,138.000
0093	407E10000	TACK COAT (WT: 10)	GAL	438.000
0094	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (WT: 10)	CY	289.000
0095	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) (WT: 10)	CY	151.000
0096	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	2,650.000
0097	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	1,583.000
0098	609E23001	COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN (WT: 38)	FT	495.000
0099	609E24510	CURB, TYPE 4-C (WT: 38)	FT	4.000
0100	609E30001	CURB, TYPE 8, AS PER PLAN (WT: 38)	FT	265.000

0101	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	1,021.000
0102	690E98400	SPECIAL - CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION (WT: NR)	LS	1.000
Total 0004		PAVEMENT		
Section	0005	LIGHTING		
0103	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	8.000
0104	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	2.000
0105	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	6.000
0106	625E10490	LIGHT POLE, CONVENTIONAL, 35 FT, WITH 150W LED (WT: 43)	EACH	3.000
0107	625E14000	LIGHT POLE FOUNDATION, 24" X 6' DEEP (WT: 43)	EACH	3.000
0108	625E18200	BRACKET ARM, 15' (WT: 43)	EACH	2.000
0109	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	735.000
0110	625E24000	1-1/2" DUCT CABLE WITH TWO NO. 4 AWG 600 VOLT CABLES (WT: 43)	FT	1,652.000
0111	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	62.000
0112	625E25900	CONDUIT, JACKED OR DRILLED, 3" (WT: 43)	FT	62.000
0113	625E26252	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), 150W (WT: 43)	EACH	8.000
0114	625E29002	TRENCH, 24" DEEP (WT: 43)	FT	1,530.000
0115	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	3.000
0116	625E32000	GROUND ROD (WT: 43)	EACH	3.000
0117	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	1.000
0118	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	1,592.000
0119	625E39520	PULL BOX CLEANED (WT: 43)	EACH	2.000
0120	625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	LS	1.000
0121	625E75506	LUMINAIRE REMOVED (WT: NR)	EACH	3.000
0122	625E75801	DISCONNECT CIRCUIT, AS PER PLAN (WT: NR)	EACH	1.000
0123	632E89300	WOOD POLE (WT: 44)	EACH	1.000
Total 0005		LIGHTING		
Section	0006	TRAFFIC CONTROL		
0124	621E00100	RPM (WT: 41)	EACH	16.000

0125	625E32000	GROUND ROD (WT: 43)	EACH	3.000
0126	626E00110	BARRIER REFLECTOR, TYPE 2 BI-DIRECTIONAL (WT: NR)	EACH	22.000
0127	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	147.000
0128	630E72330	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 10 (WT: 42)	EACH	1.000
0129	630E72530	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 9 (WT: 42)	EACH	1.000
0130	630E73560	COMBINATION OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 14 (WT: 42)	EACH	1.000
0131	630E79604	SIGN SUPPORT ASSEMBLY, BRIDGE MOUNTED, TYPE 2 (WT: 42)	EACH	1.000
0132	630E79610	SIGN SUPPORT ASSEMBLY, BARRIER MOUNTED (WT: 42)	EACH	1.000
0133	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	242.000
0134	630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	SF	156.000
0135	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	3.000
0136	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	5.000
0137	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0138	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	9.000
0139	630E87100	REMOVAL OF OVERHEAD MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0140	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	3.000
0141	630E89706	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30 (WT: NR)	EACH	2.000
0142	630E89812	REMOVAL OF WOOD POLE AND DISPOSAL (WT: NR)	EACH	2.000
0143	642E00100	EDGE LINE, 4", TYPE 1 (WT: 45)	MILE	0.090
0144	642E00200	LANE LINE, 4", TYPE 1 (WT: 45)	MILE	0.350
0145	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.360
0146	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	1,236.000
0147	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	26.000
0148	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	273.000
0149	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	3.000
0150	642E01500	DOTTED LINE, 4", TYPE 1 (WT: 45)	FT	306.000
0151	642E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	1,029.000

0152	642E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	6.000
0153	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.350
0154	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	2,894.000
0155	644E01350	LANE REDUCTION ARROW (WT: 45)	EACH	2.000
0156	644E01510	DOTTED LINE, 6" (WT: 45)	FT	1,876.000
0157	645E00117	EDGE LINE, 6", TYPE A3, AS PER PLAN (WT: 45)	MILE	0.100
0158	645E01520	DOTTED LINE, 6", TYPE A3 (WT: 45)	FT	268.000
Total 0006		TRAFFIC CONTROL		
Section	0007	TRAFFIC SURVEILLANCE		
0159	625E25752	CONDUIT, 4", MULTICELL, 725.20 , EPC-80, AS PER PLAN (WT: 43)	FT	235.000
0160	625E25930	CONDUIT, MISC.:CONDUIT REMOVED (WT: 43)	EACH	1.000
0161	625E29000	TRENCH (WT: 43)	FT	44.000
0162	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	1.000
0163	625E30710	PULL BOX, 725.08, 32" (WT: 43)	EACH	2.000
0164	625E31510	PULL BOX REMOVED (WT: 43)	EACH	1.000
0165	625E32000	GROUND ROD (WT: 43)	EACH	1.000
0166	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	44.000
0167	625E39520	PULL BOX CLEANED (WT: 43)	EACH	1.000
0168	633E67100	CABINET FOUNDATION (WT: 44)	EACH	1.000
0169	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	1.000
0170	804E30000	FAN-OUT KIT, 6 FIBER (WT: 55)	EACH	1.000
0171	804E32000	DROP CABLE, 6 FIBER (WT: 55)	EACH	2.000
0172	804E35000	FUSION SPLICE (WT: 55)	EACH	4.000
0173	809E60040	CCTV IP-CAMERA SYSTEM, QUAD MULTI-VIEW FIXED WITH PTZ (WT: 44)	EACH	1.000
0174	809E65000	ITS CABINET - GROUND MOUNTED (WT: 44)	EACH	1.000
Total 0007		TRAFFIC SURVEILLANCE		
Section	0008	TRAFFIC SIGNALS		
0175	625E25410	CONDUIT, 2", 725.052 (WT: 43)	FT	69.000
0176	625E25506	CONDUIT, 3", 725.052 (WT: 43)	FT	367.000
0177	625E25606	CONDUIT, 4", 725.052 (WT: 43)	FT	61.000
0178	625E25908	CONDUIT, JACKED OR DRILLED, 725.052, 4" DIAMETER (WT: 43)	FT	502.000
0179	625E29000	TRENCH (WT: 43)	FT	485.000
0180	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	4.000

0181	625E30710	PULL BOX, 725.08, 32" (WT: 43)	EACH	1.000
0182	625E31510	PULL BOX REMOVED (WT: 43)	EACH	1.000
0183	625E32000	GROUND ROD (WT: 43)	EACH	7.000
0184	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	485.000
0185	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	EACH	5.000
0186	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	16.500
0187	630E87100	REMOVAL OF OVERHEAD MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0188	630E89812	REMOVAL OF WOOD POLE AND DISPOSAL (WT: NR)	EACH	2.000
0189	631E85100	DISCONNECT SWITCH WITH ENCLOSURE, TYPE X (WT: 43)	EACH	1.000
0190	631E85500	SWITCH ENCLOSURE MOUNTING BRACKET ASSEMBLY (WT: 43)	EACH	1.000
0191	631E92000	SIGN FLASHER ASSEMBLY (WT: 43)	EACH	2.000
0192	632E04802	VEHICULAR SIGNAL HEAD, (LED), 1- SECTION, 12" LENS, 1-WAY, POLYCARBONATE (WT: 44)	EACH	2.000
0193	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	7.000
0194	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	2.000
0195	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	7.000
0196	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	2.000
0197	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	2.000
0198	632E28200	DISCONNECT SWITCH WITH ENCLOSURE (WT: 44)	EACH	2.000
0199	632E30400	MESSENGER WIRE, 7 STRAND, 1/2" DIAMETER WITH ACCESSORIES (WT: 44)	FT	53.000
0200	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	FT	53.000
0201	632E40300	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,056.000
0202	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,535.000
0203	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	4,566.000
0204	632E64000	STRAIN POLE FOUNDATION (WT: 44)	EACH	2.000
0205	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	1.000

0206	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	4.000
0207	632E80620	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 13 (WT: 44)	EACH	1.000
0208	632E86120	STRAIN POLE, TYPE TC-81.11, DESIGN 8 (WT: 44)	EACH	1.000
0209	632E87120	COMBINATION STRAIN POLE, TYPE TC-81.11, DESIGN 8 (WT: 44)	EACH	1.000
0210	632E89900	PEDESTAL, 8', TRANSFORMER BASE (WT: 44)	EACH	2.000
0211	632E90008	PEDESTAL, 15', TRANSFORMER BASE (WT: 44)	EACH	2.000
0212	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000
0213	632E90104	REUSE OF TRAFFIC CONTROL ITEM , STOP LINE RADAR (WT: 44)	EACH	1.000
0214	633E99000	CONTROLLER ITEM, MISC.: RETIMING SIGNAL (WT: 44)	EACH	1.000
0215	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	1.000

Total 0008 TRAFFIC SIGNALS

Section	0009	MAINTENANCE OF TRAFFIC		
0216	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	200.000
0217	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	1,461.000
0218	614E12394	WORK ZONE IMPACT ATTENUATOR, OVER 24' AND LESS THAN 36' WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	5.000
0219	614E12395	WORK ZONE IMPACT ATTENUATOR, OVER 24' AND LESS THAN 36' WIDE HAZARDS, (BIDIRECTIONAL), AS PER PLAN, GATING (WT: 39)	EACH	1.000
0220	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0221	614E12800	WORK ZONE RAISED PAVEMENT MARKER (WT: 39)	EACH	462.000
0222	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	5.000
0223	614E13310	BARRIER REFLECTOR, TYPE 1 ONE-WAY (WT: NR)	EACH	15.000
0224	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	15.000
0225	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	12.000
0226	614E20000	WORK ZONE LANE LINE, CLASS I, 4" (WT: 39)	MILE	0.500
0227	614E20010	WORK ZONE LANE LINE, CLASS I, 6" (WT: 39)	MILE	0.770
0228	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.570
0229	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	0.100

0230	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	4,252.000
0231	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	225.000
0232	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	44.000
0233	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0234	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	643.000
0235	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	766.000
0236	616E10000	WATER (WT: NR)	MGAL	30.000
0237	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	2,796.000
Total	0009	MAINTENANCE OF TRAFFIC		
Section	0010	RETAINING WALLS (1)		
0238	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000
0239	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	130.000
0240	840E20000	MECHANICALLY STABILIZED EARTH WALL (WT: 34)	SF	1,502.000
0241	840E21001	WALL EXCAVATION, AS PER PLAN (WT: 34)	CY	150.000
0242	840E22001	FOUNDATION PREPARATION, AS PER PLAN (WT: 34)	SY	332.000
0243	840E23000	SELECT GRANULAR BACKFILL (WT: 34)	CY	669.000
0244	840E23050	NATURAL SOIL (WT: 34)	CY	78.000
0245	840E25010	6" DRAINAGE PIPE, PERFORATED (WT: 34)	FT	302.000
0246	840E25020	6" DRAINAGE PIPE, NON-PERFORATED (WT: 34)	FT	5.000
0247	840E26000	CONCRETE COPING (WT: 34)	FT	131.000
0248	840E27000	ON-SITE ASSISTANCE (WT: 34)	DAY	5.000
Total	0010	RETAINING WALLS (1)		
Section	0011	STRUCTURE OVER 20 FOOT SPAN (HAM-71-19.83 SFN 3107754)		
0249	202E11301	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 19)	CY	24.000
0250	203E98500	ROADWAY, MISC.:TEMPORARY SURCHARGE (WT: NR)	LS	1.000
0251	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 21)	LS	1.000
0252	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	138,596.000
0253	509E30020	NO. 4 GFRP DEFORMED BARS (WT: 23)	FT	6,267.000

0254	511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 21)	EACH	4.000
0255	511E53014	CLASS QC3 CONCRETE, MISC.:WITH QC/QA, ABUTMENT INCLUDING FOOTING, AS PER PLAN (WT: 21)	CY	136.000
0256	511E53014	CLASS QC3 CONCRETE, MISC.:WITH QC/QA, BRIDGE DECK PARAPET, AS PER PLAN (WT: 21)	CY	81.000
0257	511E53014	CLASS QC3 CONCRETE, MISC.:WITH QC/QA, BRIDGE DECK, AS PER PLAN (WT: 21)	CY	308.000
0258	511E53014	CLASS QC3 CONCRETE, MISC.:WITH QC/QA, PIER ABOVE FOOTINGS, AS PER PLAN (WT: 21)	CY	110.000
0259	511E53014	CLASS QC3 CONCRETE, MISC.:WITH QC/QA, SUPERSTRUCTURE AS PER PLAN (WT: 21)	CY	50.000
0260	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)WITH QC/QA, ABUTMENT INCLUDING FOOTING, AS PER PLAN (WT: 57)	SY	1,021.000
0261	513E10240	STRUCTURAL STEEL MEMBERS, LEVEL 2WITH QC/QA, ABUTMENT INCLUDING FOOTING, AS PER PLAN (WT: 24)	LB	323,996.000
0262	513E20000	WELDED STUD SHEAR CONNECTORSWITH QC/QA, ABUTMENT INCLUDING FOOTING, AS PER PLAN (WT: 25)	EACH	3,875.000
0263	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	15,535.000
0264	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	15,535.000
0265	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	14.000
0266	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	130.000
0267	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 27)	FT	105.000
0268	516E44200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE)12"X12"X2.5" WITH 13"X13"X1.5" PLATE (WT: 21)	EACH	10.000
0269	516E44200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE)17"X15"X2.5" WITH 18"X16"X1.5" PLATE (WT: 21)	EACH	15.000
0270	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	97.000
0271	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	164.000

0272	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	14.000
0273	524E94605	DRILLED SHAFTS, 30" DIAMETER INTO BEDROCK, AS PER PLAN (WT: 28)	FT	150.000
0274	524E94703	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	696.000
0275	524E94705	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	45.000
0276	524E94803	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	486.000
0277	526E25001	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN (WT: 29)	SY	216.000
0278	526E90010	TYPE A INSTALLATION (WT: 29)	FT	84.000
0279	601E20000	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	SY	471.000
0280	625E25600	CONDUIT, 4", 725.04 (WT: 43)	FT	319.000
Total 0011		STRUCTURE OVER 20 FOOT SPAN (HAM-71-19.83 SFN 3107754)		

Section	0012	INCIDENTALS		
0281	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0282	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0283	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	22.000
0284	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0285	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0012		INCIDENTALS		

Project Number: 210302

PID: 101274

Henry

US 6-00.00 Resurfacing

E161(131)

DBE Goal: 9.0%

Date Set for Completion: 10/31/2021

Type: MAJOR RECONSTRUCTION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN RIDGEVILLE TOWNSHIP, HENRY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REMOVING THE EXISTING ROADWAY AND RECONSTRUCTING; INCLUDING CEMENT STABILIZING THE SUBGRADE, ASPHALT PAVING, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL 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	68,463.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	6.000
0004	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	6.000
0005	203E10000	EXCAVATION (WT: 04)	CY	23,708.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	1,182.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,400.000
0008	204E45000	PROOF ROLLING (WT: NR)	HOUR	38.000
0009	206E10500	CEMENT (WT: NR)	TON	2,286.000
0010	206E11000	CURING COAT (WT: 07)	SY	76,645.000
0011	206E15020	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP (WT: 07)	SY	76,645.000
0012	206E30000	MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS (WT: 07)	LS	1.000
0013	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	16.000
0014	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	13.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		

0015	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	18.000
0016	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0017	659E00300	TOPSOIL (WT: 46)	CY	3,708.000
0018	659E10000	SEEDING AND MULCHING (WT: 46)	SY	33,396.000
0019	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	1,672.000
0020	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	7.530
0021	659E31000	LIME (WT: 46)	ACRE	6.900
0022	659E35000	WATER (WT: 46)	MGAL	271.000
0023	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	13,084.000
0024	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0025	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0026	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0027	832E30000	EROSION CONTROL (WT: 08)	EACH	120,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0028	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.690
0029	605E13410	6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	1,560.000
0030	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	36,162.000
0031	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	400.000
0032	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	6.000
0033	611E16600	36" CONDUIT, TYPE C (WT: 35)	FT	12.000
0034	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0035	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	10.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0036	302E46001	ASPHALT CONCRETE BASE, AS PER PLAN (PG 64-22) (WT: 10)	CY	11,958.000
0037	304E20000	AGGREGATE BASE (WT: 09)	CY	12,411.000
0038	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	7,753.000
0039	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	2,958.000
0040	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	3,436.000

0041	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	609.000
0042	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	759.000
0043	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	7.160
0044	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	3.490
0045	874E20000	LONGITUDINAL JOINT PREPARATION (WT: 10)	FT	18,780.000
Total 0004 PAVEMENT				
Section	0005	TRAFFIC CONTROL		
0046	621E00100	RPM (WT: 41)	EACH	254.000
0047	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	90.000
0048	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	375.400
0049	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	32.000
0050	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	175.700
0051	630E82000	SIGN BACKING ASSEMBLY (WT: 42)	EACH	5.000
0052	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	25.000
0053	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	23.000
0054	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	7.220
0055	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	7.210
0056	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	150.000
0057	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	130.000
0058	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	220.000
0059	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	4.000
Total 0005 TRAFFIC CONTROL				
Section	0006	MAINTENANCE OF TRAFFIC		
0060	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	528.000
0061	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	45.000
0062	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (WT: 10)	CY	22.000
0063	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0064	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	16.000
0065	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	5.000
0066	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	5.000

0067	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	12.000
0068	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	10.500
0069	616E10000	WATER (WT: NR)	MGAL	96.000
0070	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	4.000
0071	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	3.000
Total 0006 MAINTENANCE OF TRAFFIC				
Section	0007	INCIDENTALS		
0072	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0073	108E30000	CPM PROGRESS SCHEDULE SHORT DURATION PROJECTS (WT: NR)	LS	1.000
0074	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0075	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0076	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007 INCIDENTALS				

Project Number: 210303

PID: 105278

Jefferson

SR 43-11.07

E170(994)

DBE Goal: 7.0%

Date Set for Completion: 10/31/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

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

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	2,527.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	162.000
0003	209E60500	LINEAR GRADING (WT: 06)	MILE	2.180
0004	209E72051	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	MILE	17.920
0005	607E98000	FENCE, MISC.:TEMPORARY ORANGE PLASTIC CONSTRUCTION FENCE (WT: 37)	FT	238.000
0006	608E52000	CURB RAMP (WT: 38)	SF	30.000
0007	608E53021	DETECTABLE WARNING, AS PER PLAN (WT: 38)	SF	162.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0008	659E98000	SEEDING, MISC.:CURB RAMP GRADING AND RESTORATION (WT: 46)	SY	2.000
0009	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0010	605E31100	AGGREGATE DRAINS (WT: 35)	FT	950.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0011	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (WT: 16)	CY	675.000

0012	253E02000	PAVEMENT REPAIR (WT: 16)	CY	950.000
0013	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (2") (WT: 13)	SY	150,362.000
0014	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (3") (WT: 13)	SY	26,723.000
0015	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	24,794.000
0016	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	9,396.000
0017	441E10101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), AS PER PLAN (PG70-22M) (WT: 10)	CY	6,276.000
0018	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	3,133.000
0019	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	1,288.000
0020	441E50401	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), AS PER PLAN (WT: 10)	CY	88.000
0021	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	1,375.000
0022	617E20000	SHOULDER PREPARATION (WT: 06)	SY	23,490.000
0023	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	3.180
0024	874E21000	LONGITUDINAL JOINT PREPARATION (WT: 10)	MILE	3.180
Total 0004 PAVEMENT				
Section	0005	TRAFFIC CONTROL		
0025	621E00100	RPM (WT: 41)	EACH	1,184.000
0026	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,184.000
0027	646E10010	EDGE LINE, 6" (WT: 45)	MILE	20.180
0028	646E10200	CENTER LINE (WT: 45)	MILE	10.090
0029	646E10400	STOP LINE (WT: 45)	FT	27.000
0030	646E10500	CROSSWALK LINE (WT: 45)	FT	152.000
0031	646E20000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	2.000
Total 0005 TRAFFIC CONTROL				
Section	0006	MAINTENANCE OF TRAFFIC		
0032	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	63.000
0033	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT (WT: 39)	MILE	30.270
0034	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	30.270

0035	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	81.000
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Total 0006	MAINTENANCE OF TRAFFIC
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Section 0007	INCIDENTALS
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0036	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
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0037	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0038	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0039	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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Total 0007	INCIDENTALS
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Project Number: 210304

PID: 103822

Logan

US 33-15.96/20.80

E191(010)

DBE Goal: 8%

Date Set for Completion: 5/27/2022

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING LOG-33-15.96/20.80 IN LOGAN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING EXPANSION JOINTS, RESETTING BEARINGS, PATCHING CONCRETE, INSTALLING LATEX MODIFIED CONCRETE OVERLAYS AND PERFORMING OTHER RELATED BRIDGE REPAIRS ON 3 STRUCTURES.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	2,611.000
0002	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	4,680.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0003	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0004	407E10000	TACK COAT (WT: 10)	GAL	212.000
0005	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	112.000
0006	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	8,159.000
0007	618E40101	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN (WT: NR)	FT	16,318.000
Total	0003	PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0008	621E00100	RPM (WT: 41)	EACH	10.000
0009	621E90000	RPM, MISC.: REFLECTORS, AS PER PLAN (WT: 41)	EACH	90.000
0010	621E90000	RPM, MISC.: REMOVED (WT: 41)	EACH	10.000

0011	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	1.910
0012	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	1.190
0013	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	751.000
Total 0004		TRAFFIC CONTROL		
Section	0005	MAINTENANCE OF TRAFFIC		
0014	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	100.000
0015	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	6.000
0016	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0017	614E13310	BARRIER REFLECTOR, TYPE 1, ONE WAY (WT: NR)	EACH	101.000
0018	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	101.000
0019	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	5.760
0020	614E23400	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 740.06, TYPE I (WT: 39)	FT	207.000
0021	614E24402	WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	FT	870.000
0022	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	316.000
Total 0005		MAINTENANCE OF TRAFFIC		
Section	0006	STRUCTURE REPAIR (LOG-33-1596R)		
0023	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0024	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	832.000
0025	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	50.000
0026	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	107.000
0027	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	10.000
0028	511E34444	CLASS QC2 CONCRETE, BRIDGE DECK (WT: 29)	CY	7.000
0029	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	973.000
0030	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	13.000
0031	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	167.000

0032	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	FT	108.000
0033	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (WT: 29)	FT	102.000
0034	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	1.000
0035	516E46701	RESET BEARING, AS PER PLAN (WT: 29)	EACH	5.000
0036	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0037	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	66.000
0038	848E10100	LATEX MODIFIED CONCRETE OVERLAY USING HYDRODEMOLITION, 1 3/4" (WT: 29)	SY	929.000
0039	848E20001	SURFACE PREPARATION USING HYDRODEMOLITION, AS PER PLAN (WT: 30)	SY	907.000
0040	848E30100	LATEX MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY (WT: 29)	CY	81.000
0041	848E50000	HAND CHIPPING (WT: 29)	SY	77.000
0042	848E50100	TEST SLAB (WT: 29)	LS	1.000
0043	848E50200	FULL-DEPTH REPAIR (WT: 29)	CY	1.000
Total 0006 STRUCTURE REPAIR (LOG-33-1596R)				
Section 0007 STRUCTURE REPAIR (LOG-33-2080L)				
0044	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0045	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	797.000
0046	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	50.000
0047	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	102.000
0048	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	10.000
0049	511E34444	CLASS QC2 CONCRETE, BRIDGE DECK (WT: 29)	CY	7.000
0050	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	811.000
0051	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	36.000
0052	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	128.000
0053	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	FT	102.000

0054	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (WT: 29)	FT	96.000
0055	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	20.000
0056	848E10100	LATEX MODIFIED CONCRETE OVERLAY USING HYDRODEMOLITION, 1 3/4" (WT: 29)	SY	1,518.000
0057	848E20001	SURFACE PREPARATION USING HYDRODEMOLITION, AS PER PLAN (WT: 30)	SY	1,494.000
0058	848E30100	LATEX MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY (WT: 29)	CY	133.000
0059	848E50000	HAND CHIPPING (WT: 29)	SY	128.000
0060	848E50100	TEST SLAB (WT: 29)	LS	1.000
0061	848E50200	FULL-DEPTH REPAIR (WT: 29)	CY	2.000

Total 0007 STRUCTURE REPAIR (LOG-33-2080L)

Section	0008	STRUCTURE REPAIR (LOG-33-2080R)		
0062	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0063	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	797.000
0064	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	50.000
0065	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	102.000
0066	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	10.000
0067	511E34444	CLASS QC2 CONCRETE, BRIDGE DECK (WT: 29)	CY	7.000
0068	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	802.000
0069	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	105.000
0070	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	FT	102.000
0071	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (WT: 29)	FT	96.000
0072	516E46701	RESET BEARING, AS PER PLAN (WT: 29)	EACH	6.000
0073	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0074	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	12.000
0075	848E10100	LATEX MODIFIED CONCRETE OVERLAY USING HYDRODEMOLITION, 1 3/4" (WT: 29)	SY	1,518.000

0076	848E20001	SURFACE PREPARATION USING HYDRODEMOLITION, AS PER PLAN (WT: 30)	SY	1,494.000
0077	848E30100	LATEX MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY (WT: 29)	CY	142.000
0078	848E50000	HAND CHIPPING (WT: 29)	SY	137.000
0079	848E50100	TEST SLAB (WT: 29)	LS	1.000
0080	848E50200	FULL-DEPTH REPAIR (WT: 29)	CY	1.000

Total 0008 STRUCTURE REPAIR (LOG-33-2080R)

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	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	12.000
0084	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0085	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0009 INCIDENTALS

Project Number: 210305
PID: 108161
Miami
N Hyatt St Repaving Project
E180(441)

DBE Goal: 6.0%

Date Set for Completion: 8/31/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY WITHIN THE CITY OF TIPP CITY, OF MONROE COUNTY, WITHIN MIAMI COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLANING AND RESURFACING AN APPROXIMATELY 1.1 MILE PORTION OF N. HYATT ROAD FROM JUST SOUTH OF N. WESTEDGE DR/PARK AVE. TO JUST NORTH OF E. KESSLER COWLESVILLE RD/N. 3RD ST., INCLUDING ALL RELATED ITEMS OF WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	DRAINAGE		
0001	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	27.000
Total	0001	DRAINAGE		
Section	0002	PAVEMENT		
0002	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2.25" (WT: 13)	SY	24,843.000
0003	407E10000	TACK COAT (WT: 10)	GAL	2,484.000
0004	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	1,036.000
0005	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	691.000
Total	0002	PAVEMENT		
Section	0003	WATER WORK		
0006	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	23.000
Total	0003	WATER WORK		
Section	0004	TRAFFIC CONTROL		
0007	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.070
0008	644E00300	CENTER LINE, BROKEN AND SOLID (WT: 45)	MILE	1.420
0009	644E00300	CENTER LINE, SOLID DOUBLE (WT: 45)	MILE	0.610
0010	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	849.000

0011	644E00500	STOP LINE (WT: 45)	FT	179.000
0012	644E00600	CROSSWALK LINE (WT: 45)	FT	1,014.000
0013	644E00700	TRANSVERSE/DIAGONAL LINE (YELLOW) (WT: 45)	FT	28.000
0014	644E01100	SCHOOL SYMBOL MARKING, 72" (WT: 45)	EACH	1.000
0015	644E01300	LANE ARROW (WT: 45)	EACH	39.000
Total 0004 TRAFFIC CONTROL				
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Section 0005 TRAFFIC SIGNALS				
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0016	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	13.000
Total 0005 TRAFFIC SIGNALS				
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Section 0006 INCIDENTALS				
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0017	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0018	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0019	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0006 INCIDENTALS				

Project Number: 210306

PID: 103717

Richland

SR 309-06.36

E200(395)

DBE Goal: 7.0%

Date Set for Completion: 10/15/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITIES OF ONTARIO AND MANSFIELD, TOWNSHIPS OF SPRINGFIELD AND MADISON, IN RICHLAND COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PAVEMENT REPAIRS, RESURFACING ASPHALT PAVEMENT, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E32000	CURB REMOVED (WT: NR)	FT	300.000
0002	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	50.000
0003	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	1.000
0004	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	1.000
0005	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	20.000
0006	209E60500	LINEAR GRADING (WT: 06)	MILE	14.960
0007	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	50.000
0008	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	175.000
0009	606E17000	RAISING TYPE 5 GUARDRAIL (WT: 36)	FT	87.500
0010	606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	EACH	1.000
0011	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	2.000
0012	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	1.000
0013	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	2.000
0014	609E24511	CURB, TYPE 4-C, AS PER PLAN (WT: 38)	FT	300.000
0015	626E00110	BARRIER REFLECTOR, TYPE 2 (ONE WAY) (WT: NR)	EACH	7.000
Total	0001	ROADWAY		

Section	0002	EROSION CONTROL		
0016	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0017	659E00300	TOPSOIL (WT: 46)	CY	15.000
0018	659E10000	SEEDING AND MULCHING (WT: 46)	SY	134.000
0019	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	7.000
0020	659E15000	INTER-SEEDING (WT: 46)	SY	7.000
0021	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.020
0022	659E31000	LIME (WT: 46)	ACRE	0.030
0023	659E35000	WATER (WT: 46)	MGAL	0.740
0024	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0025	611E98635	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0026	251E01031	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN (LONGITUDINAL) (WT: 16)	CY	620.000
0027	251E01031	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN (TRANSVERSE) (WT: 16)	CY	1,247.000
0028	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.50") (WT: 13)	SY	139,411.000
0029	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	697.000
0030	255E10161	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS, AS PER PLAN (LONGITUDINAL) (WT: 17)	SY	605.000
0031	255E10161	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS, AS PER PLAN (TRANSVERSE) (WT: 17)	SY	562.000
0032	255E20000	FULL DEPTH PAVEMENT SAWING (LONGITUDINAL REPAIRS) (WT: 15)	FT	1,980.000
0033	255E20000	FULL DEPTH PAVEMENT SAWING (TRANSVERSE REPAIRS) (WT: 15)	FT	2,532.000
0034	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	12,547.000
0035	408E10001	PRIME COAT, AS PER PLAN (0.40 GAL/SY) (WT: 10)	GAL	7,213.000
0036	442E00201	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446), AS PER PLAN (1.50") PG64-22 (WT: 10)	CY	5,809.000
0037	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	1,002.000

0038		618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	11.580
Total 0004		PAVEMENT			
Section	0005	TRAFFIC CONTROL			
0039		621E00100	RPM (WT: 41)	EACH	53.000
0040		621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	53.000
0041		625E32000	GROUND ROD (WT: 43)	EACH	2.000
0042		630E06100	GROUND MOUNTED SUPPORT, NO. 6 POST (WT: 42)	FT	30.000
0043		630E72410	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 1 (WT: 42)	EACH	1.000
0044		630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	SF	215.000
0045		630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	2.000
0046		630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0047		630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0048		630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	6.000
0049		630E86102	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0050		632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	14.000
Total 0005		TRAFFIC CONTROL			
Section	0006	TRAFFIC CONTROL ALTERNATES (ONTARIO)			
0051	AA1	642E00104	EDGE LINE, 6", TYPE 1 (WHITE) (ALTERNATE 1, ONTARIO) (WT: 45)	MILE	6.310
0052	AA1	642E00104	EDGE LINE, 6", TYPE 1 (YELLOW) (ALTERNATE 1, ONTARIO) (WT: 45)	MILE	6.310
0053	AA1	642E00204	LANE LINE, 6", TYPE 1 (ALTERNATE 1, ONTARIO) (WT: 45)	MILE	4.700
0054	AA1	642E00404	CHANNELIZING LINE, 12", TYPE 1 (ALTERNATE 1, ONTARIO) (WT: 45)	FT	3,089.000
0055	AA1	642E00500	STOP LINE, TYPE 1 (ALTERNATE 1, ONTARIO) (WT: 45)	FT	404.000
0056	AA1	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WHITE) (ALTERNATE 1, ONTARIO) (WT: 45)	FT	204.000
0057	AA1	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (YELLOW) (ALTERNATE 1, ONTARIO) (WT: 45)	FT	108.000
0058	AA1	642E00720	CHEVRON MARKING, TYPE 1 (WHITE) (ALTERNATE 1, ONTARIO) (WT: 45)	FT	76.000

0059	AA1	642E01300	LANE ARROW, TYPE 1 (LEFT) (ALTERNATE 1, ONTARIO) (WT: 45)	EACH	15.000
0060	AA1	642E01300	LANE ARROW, TYPE 1 (LEFT-RIGHT) (ALTERNATE 1, ONTARIO) (WT: 45)	EACH	3.000
0061	AA1	642E01300	LANE ARROW, TYPE 1 (RIGHT) (ALTERNATE 1, ONTARIO) (WT: 45)	EACH	3.000
0062	AA1	642E01322	WRONG WAY ARROW, TYPE 1 (ALTERNATE 1, ONTARIO) (WT: 45)	EACH	3.000
0063	AA1	642E01510	DOTTED LINE, 6", TYPE 1 (WHITE) (ALTERNATE 1, ONTARIO) (WT: 45)	FT	2,554.000
0064	AA2	644E00104	EDGE LINE, 6" (WHITE) (ALTERNATE 2, ONTARIO) (WT: 45)	MILE	6.310
0065	AA2	644E00104	EDGE LINE, 6" (YELLOW) (ALTERNATE 2, ONTARIO) (WT: 45)	MILE	6.310
0066	AA2	644E00204	LANE LINE, 6" (ALTERNATE 2, ONTARIO) (WT: 45)	MILE	4.700
0067	AA2	644E00404	CHANNELIZING LINE, 12" (ALTERNATE 2, ONTARIO) (WT: 45)	FT	3,089.000
0068	AA2	644E00500	STOP LINE (ALTERNATE 2, ONTARIO) (WT: 45)	FT	404.000
0069	AA2	644E00700	TRANSVERSE/DIAGONAL LINE(WHITE) (ALTERNATE 2, ONTARIO) (WT: 45)	FT	204.000
0070	AA2	644E00700	TRANSVERSE/DIAGONAL LINE(YELLOW) (ALTERNATE 2, ONTARIO) (WT: 45)	FT	108.000
0071	AA2	644E00720	CHEVRON MARKING(WHITE) (ALTERNATE 2, ONTARIO) (WT: 45)	FT	76.000
0072	AA2	644E01300	LANE ARROW (LEFT - RIGHT) (ALTERNATE 2, ONTARIO) (WT: 45)	EACH	3.000
0073	AA2	644E01300	LANE ARROW(LEFT) (ALTERNATE 2, ONTARIO) (WT: 45)	EACH	15.000
0074	AA2	644E01300	LANE ARROW(RIGHT) (ALTERNATE 2, ONTARIO) (WT: 45)	EACH	3.000
0075	AA2	644E01360	WRONG WAY ARROW (ALTERNATE 2, ONTARIO) (WT: 45)	EACH	3.000
0076	AA2	644E01510	DOTTED LINE, 6"(WHITE) (ALTERNATE 2, ONTARIO) (WT: 45)	FT	2,554.000

Total 0006 TRAFFIC CONTROL ALTERNATES (ONTARIO)

Section 0007			TRAFFIC CONTROL ALTERNATES (MANSFIELD)		
0077	AB1	642E00104	EDGE LINE, 6", TYPE 1 (WHITE) (ALTERNATE 1, MANSFIELD) (WT: 45)	MILE	1.140
0078	AB1	642E00104	EDGE LINE, 6", TYPE 1 (YELLOW) (ALTERNATE 1, MANSFIELD) (WT: 45)	MILE	0.770
0079	AB1	642E00204	LANE LINE, 6", TYPE 1 (ALTERNATE 1, MANSFIELD) (WT: 45)	MILE	0.220

0080	AB1	642E00404	CHANNELIZING LINE, 12", TYPE 1 (ALTERNATE 1, MANSFIELD) (WT: 45)	FT	950.000
0081	AB1	642E00720	CHEVRON MARKING, TYPE 1 (WHITE) (ALTERNATE 1, MANSFIELD) (WT: 45)	FT	264.000
0082	AB1	642E01510	DOTTED LINE, 6", TYPE 1 (WHITE) (ALTERNATE 1, MANSFIELD) (WT: 45)	FT	792.000
0083	AB2	644E00104	EDGE LINE, 6" (WHITE) (ALTERNATE 2, MANSFIELD) (WT: 45)	MILE	1.140
0084	AB2	644E00104	EDGE LINE, 6" (YELLOW) (ALTERNATE 2, MANSFIELD) (WT: 45)	MILE	0.770
0085	AB2	644E00204	LANE LINE, 6" (ALTERNATE 2, MANSFIELD) (WT: 45)	MILE	0.220
0086	AB2	644E00404	CHANNELIZING LINE, 12" (ALTERNATE 2, MANSFIELD) (WT: 45)	FT	950.000
0087	AB2	644E00720	CHEVRON MARKING(WHITE) (ALTERNATE 2, MANSFIELD) (WT: 45)	FT	264.000
0088	AB2	644E01510	DOTTED LINE, 6"(WHITE) (ALTERNATE 2, MANSFIELD) (WT: 45)	FT	792.000
Total 0007		TRAFFIC CONTROL ALTERNATES (MANSFIELD)			

Section	0008	MAINTENANCE OF TRAFFIC		
0089	614E11111	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE, AS PER PLAN (WT: 39)	hour	112.000
0090	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0091	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	40.000
0092	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000
0093	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	13.000
0094	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	9.840
0095	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	26.170
0096	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	7,861.000
0097	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	1,584.000
0098	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	748.000
Total	0008	MAINTENANCE OF TRAFFIC		

Section	0009	STRUCTURE OVER 20 FOOT SPAN (RIC-309-0885L)			
0099	202E98200	REMOVAL MISC.: JOINT SEALER (WT: NR)	FT	70.000	

0100	202E98200	REMOVAL MISC.: VERTICAL EXTENSION BAR (WT: NR)	FT	8.000
0101	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	99.000
0102	407E20000	NON-TRACKING TACK COAT (0.09 GAL/SY) (WT: 10)	GAL	81.000
0103	442E10501	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (448), AS PER PLAN, PG64-22, (2.00") (WT: 10)	CY	50.000
0104	512E33011	TYPE 3 WATERPROOFING, AS PER PLAN (WT: 40)	SY	90.000
0105	513E90000	STRUCTURAL STEEL, MISC.: VERTICAL EXTENSION BAR (WT: 29)	LB	35.000
0106	516E31000	JOINT SEALER (WT: 29)	FT	70.000
0107	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (2.00") (WT: 13)	SY	899.000
Total 0009		STRUCTURE OVER 20 FOOT SPAN (RIC-309-0885L)		
Section 0010	INCIDENTALS			
0108	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0109	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0110	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	5.000
0111	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0112	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0010		INCIDENTALS		

Project Number: 210307

PID: 114457

Sandusky

Green Springs Sidewalk

E210(127)

Date Set for Completion: 8/31/2021

Type: SIDEWALK

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGE OF GREEN SPRINGS, IN SANDUSKY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING CONCRETE WALKS AND CURBS, INSTALLING PEDESTRIAN SIGNALS AND SIGNS, AND PERFORMING ALL RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E30000	WALK REMOVED (WT: NR)	SF	2,655.000
0002	202E32000	CURB REMOVED (WT: NR)	FT	564.000
0003	203E10000	EXCAVATION (WT: 06)	CY	88.000
0004	203E20000	EMBANKMENT (WT: 06)	CY	16.000
0005	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	467.000
0006	608E10000	4" CONCRETE WALK (WT: 38)	SF	3,139.000
0007	608E13000	6" CONCRETE WALK (WT: 38)	SF	696.000
0008	608E52000	CURB RAMP (WT: 38)	SF	396.000
0009	625E25204	CONDUIT, 1-1/4", 725.051 (WT: 43)	FT	28.000
0010	625E29000	TRENCH (WT: 43)	FT	28.000
0011	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	1.000
0012	625E32000	GROUND ROD (WT: 43)	EACH	5.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0013	616E10000	WATER (WT: NR)	MGAL	1.000
0014	659E00300	TOPSOIL (WT: 46)	CY	33.000
0015	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	271.000
0016	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	17.000
0017	659E15000	INTER-SEEDING (WT: 46)	SY	17.000
0018	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.000

0019	659E31000	LIME (WT: 46)	ACRE	1.000
0020	659E35000	WATER (WT: 46)	MGAL	2.000
0021	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0022	304E20000	AGGREGATE BASE (WT: 09)	CY	43.000
0023	609E26000	CURB, TYPE 6 (WT: 38)	FT	737.000
Total	0003	PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0024	630E08004	ONE WAY SUPPORT, NO. 3 POST (WT: 42)	FT	95.000
0025	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	2.000
0026	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	44.000
0027	630E87520	REMOVAL OF POLE MOUNTED SIGN AND REERECTION (WT: 42)	EACH	5.000
0028	630E97700	SIGNING, MISC.:SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY (WT: 43)	EACH	4.000
0029	642E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	110.000
0030	646E10500	CROSSWALK LINE (WT: 45)	FT	400.000
Total	0004	TRAFFIC CONTROL		
Section	0005	TRAFFIC SIGNALS		
0031	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	8.000
0032	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	8.000
0033	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	4.000
0034	632E30200	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES (WT: 44)	FT	144.000
0035	632E30500	MESSENGER WIRE, MISC.:LASH AND RELASH EXISTING MESSENGER WIRE (WT: 44)	FT	69.000
0036	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	468.000
0037	632E64021	PEDESTAL FOUNDATION, AS PER PLAN (WT: 44)	EACH	5.000
0038	632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	FT	468.000
0039	632E70204	CONDUIT RISER, 1-1/4" DIAMETER (WT: 44)	EACH	6.000
0040	632E89901	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (WT: 44)	EACH	2.000
0041	632E90010	PEDESTAL, MISC.:PEDESTAL, 15', TRANSFORMER BASE, AS PER PLAN (WT: 44)	EACH	3.000

Total 0005		TRAFFIC SIGNALS		
Section 0006	INCIDENTALS			
0042	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0043	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0044	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0045	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0006		INCIDENTALS		

Project Number: 210308
PID: 110482
Seneca
US 224-11.98 Safety Grp A
E191(123)

DBE Goal: 7.0%

Date Set for Completion: 10/15/2021

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF TIFFIN, SENECA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING TURN LANES, 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	202E20010	HEADWALL REMOVED (WT: NR)	EACH	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	1,855.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	20.000
0005	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	104.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	739.000
0007	202E42206	ANCHOR ASSEMBLY REMOVED (WT: NR)	EACH	2.000
0008	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	2.000
0009	202E58000	MANHOLE REMOVED (WT: NR)	EACH	2.000
0010	202E75000	FENCE REMOVED (WT: NR)	FT	413.000
0011	202E98300	REMOVAL MISC.: CONCRETE DITCH LINING (WT: NR)	SY	8.000
0012	203E10000	EXCAVATION (WT: 06)	CY	3,468.000
0013	203E20000	EMBANKMENT (WT: 06)	CY	1,969.000
0014	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	4,117.000
0015	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	2,066.000
0016	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	2,066.000
0017	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0018	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	4,957.000
0019	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	737.500

0020	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	1,343.750
0021	606E17350	GUARDRAIL, TYPE MGS, 25' LONG-SPAN (WT: 36)	FT	25.000
0022	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	3.000
0023	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	3.000
0024	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	2.000
0025	607E15000	FENCE, TYPE 47 (WT: 37)	FT	470.000
0026	623E12010	PRIMARY PROJECT CONTROL MONUMENT, TYPE B (WT: NR)	EACH	2.000
0027	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	5.000
0028	623E40000	MONUMENT ASSEMBLY REMOVED AND RESET (WT: NR)	EACH	2.000

Total 0001 ROADWAY

Section	0002	EROSION CONTROL		
0029	601E11000	RIPRAP, TYPE D (WT: 35)	SY	3.000
0030	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	4.000
0031	601E32105	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC, AS PER PLAN (WT: 35)	CY	70.000
0032	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	2.000
0033	601E32305	ROCK CHANNEL PROTECTION, TYPE D WITH GEOTEXTILE FABRIC, AS PER PLAN (WT: 35)	CY	12.000
0034	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	1.000
0035	659E00300	TOPSOIL (WT: 46)	CY	922.000
0036	659E10000	SEEDING AND MULCHING (WT: 46)	SY	7,663.000
0037	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	314.000
0038	659E15000	INTER-SEEDING (WT: 46)	SY	314.000
0039	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.970
0040	659E31000	LIME (WT: 46)	ACRE	1.300
0041	659E35000	WATER (WT: 46)	MGAL	35.000
0042	659E98000	SEEDING, MISC.: NATIVE SEED MIX (WT: 46)	SY	1,314.000
0043	661E19001	DECIDUOUS SHRUB, 12" HEIGHT, AS PER PLAN (SPECIES LISTED IN PLANS) (WT: 46)	EACH	136.000
0044	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0045	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000

0046	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0047	832E30000	EROSION CONTROL (WT: 08)	EACH	10,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0048	602E20000	CONCRETE MASONRY (WT: 35)	CY	1.380
0049	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	50.000
0050	605E14021	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, AS PER PLAN (WT: 35)	FT	2,586.000
0051	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	60.000
0052	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	50.000
0053	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	20.000
0054	611E16400	36" CONDUIT, TYPE B (WT: 35)	FT	20.000
0055	611E16600	36" CONDUIT, TYPE C (WT: 35)	FT	98.000
0056	611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	EACH	1.000
0057	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	2.000
0058	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0059	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	55.000
0060	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	90.000
0061	253E01000	PAVEMENT REPAIR (WT: 16)	SY	50.000
0062	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T=3 1/4") (WT: 13)	SY	4,369.000
0063	255E10010	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1 (WT: 17)	SY	220.000
0064	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	1,496.000
0065	304E20000	AGGREGATE BASE (WT: 09)	CY	915.000
0066	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	850.000
0067	442E20050	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE B (448) (WT: 10)	CY	322.000
0068	442E20250	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE B (448) (WT: 10)	CY	376.000
0069	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	1,366.000
Total 0004		PAVEMENT		

Section	0005	SANITARY SEWER		
0070	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	1.000
Total	0005	SANITARY SEWER		
Section	0006	TRAFFIC CONTROL		
0071	621E00100	RPM (WT: 41)	EACH	118.000
0072	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	76.000
0073	630E03101	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN (WT: 42)	FT	68.000
0074	630E79100	SIGN HANGER ASSEMBLY, MAST ARM (WT: 42)	EACH	9.000
0075	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	20.000
0076	630E84501	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION, AS PER PLAN (WT: 42)	EACH	4.000
0077	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	6.000
0078	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	44.000
0079	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	9.000
0080	630E86292	REMOVAL OF GROUND MOUNTED WOODEN BOX BEAM SUPPORT AND DISPOSAL (WT: NR)	EACH	6.000
0081	630E97900	SIGNING, MISC.:6" X 8" SOLID WOOD POST (WT: 42)	FT	74.000
0082	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.540
0083	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.390
0084	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	1,046.000
0085	644E00500	STOP LINE (WT: 45)	FT	73.000
0086	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	220.000
0087	644E01300	LANE ARROW (WT: 45)	EACH	14.000
0088	644E01510	DOTTED LINE, 6" (WT: 45)	FT	717.000
Total	0006	TRAFFIC CONTROL		
Section	0007	TRAFFIC SIGNALS		
0089	611E00400	4" CONDUIT, TYPE E (WT: 35)	FT	80.000
0090	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	4.000
0091	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	4.000
0092	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	8.000

0093	625E18510	BRACKET ARM, 30' (WT: 43)	EACH	4.000
0094	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	560.000
0095	625E25402	CONDUIT, 2", 725.05 (WT: 43)	FT	118.000
0096	625E25502	CONDUIT, 3", 725.05 (WT: 43)	FT	62.000
0097	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 3" (WT: 43)	FT	604.000
0098	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-II (WT: 43)	EACH	4.000
0099	625E29000	TRENCH (WT: 43)	FT	180.000
0100	625E30520	PULL BOX, 725.06, SIZE 7 (WT: 43)	EACH	3.000
0101	625E30530	PULL BOX, 725.06, SIZE 18 (WT: 43)	EACH	1.000
0102	625E32000	GROUND ROD (WT: 43)	EACH	5.000
0103	625E76000	ARC FLASH CALCULATIONS AND LABEL, POWER SERVICE (WT: NR)	EACH	1.000
0104	625E76000	ARC FLASH CALCULATIONS AND LABEL, SIGNAL CABINET (WT: NR)	EACH	1.000
0105	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	4.000
0106	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	4.000
0107	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	8.000
0108	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	648.000
0109	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,011.000
0110	632E64011	SIGNAL SUPPORT FOUNDATION, AS PER PLAN (WT: 44)	EACH	4.000
0111	632E64950	TEST HOLE PERFORMED (WT: 44)	EACH	6.000
0112	632E68300	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	152.000
0113	632E69800	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	192.000
0114	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0115	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	1.000
0116	632E81700	COMBINATION SIGNAL SUPPORT, MISC.:COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 14, INSTALLATION ONLY (WT: 44)	EACH	4.000

0117		632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000
0118		633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	1.000
0119		633E67100	CABINET FOUNDATION (WT: 44)	EACH	1.000
0120		633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	1.000
0121		633E68511	COMMUNICATIONS, AS PER PLAN (WT: 44)	EACH	1.000
0122		633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0123		690E98000	SPECIAL - ROADWAY WEATHER INFORMATION SYSTEM REMOVAL (WT: NR)	EACH	1.000
0124		809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0125		809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0126		809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
Total 0007		TRAFFIC SIGNALS			
Section 0008		TRAFFIC SIGNALS ALTERNATES			
0127	AA1	690E98000	SPECIAL - ROADWAY WEATHER INFORMATION SYSTEM NON-INVASIVE SURFACE SENSOR (WT: NR)	EACH	1.000
0128	AA1	690E98000	SPECIAL - ROADWAY WEATHER INFORMATION SYSTEM SENSORS (WT: NR)	EACH	1.000
0129	AA2	690E98000	SPECIAL - ROADWAY WEATHER INFORMATION SYSTEM NON-INVASIVE SURFACE SENSOR (ICESIGHT) (WT: NR)	EACH	1.000
0130	AA2	690E98000	SPECIAL - ROADWAY WEATHER INFORMATION SYSTEM SENSORS (LUFFT) (WT: NR)	EACH	1.000
Total 0008		TRAFFIC SIGNALS ALTERNATES			
Section 0009		MAINTENANCE OF TRAFFIC			
0131		614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	80.000
0132		614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	2.000
0133		614E12500	REPLACEMENT SIGN (WT: 39)	EACH	5.000
0134		614E12600	REPLACEMENT DRUM (WT: 39)	EACH	5.000
0135		614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000
0136		614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.250
0137		614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	0.250
0138		614E23010	WORK ZONE CHANNELIZING LINE, CLASS I, 12" (WT: 39)	FT	200.000

0139	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	50.000
Total 0009		MAINTENANCE OF TRAFFIC		
Section 0010	INCIDENTALS			
0140	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0141	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0142	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0143	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0010		INCIDENTALS		

Project Number: 210309
PID: 109641
Henry
SEN
N-SR 67/SR 109-02.68/21.06 RRFBs
E190(694)

Date Set for Completion: 10/15/2021

Type: SPOT SAFETY

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGES OF MELMORE AND LIBERTY CENTER, THE TOWNSHIPS OF EDEN AND LIBERTY, IN SENECA AND HENRY COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY INSTALLING RECTANGULAR RAPID FLASHING BEACONS, CONSTRUCTING CONCRETE WALK, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL 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	202E30000	WALK REMOVED (WT: NR)	SF	560.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	75.000
0004	608E10001	4" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	25.000
0005	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	764.000
0006	609E26001	CURB, TYPE 6, AS PER PLAN (WT: 38)	FT	36.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0007	659E00300	TOPSOIL (WT: 46)	CY	0.750
0008	659E10000	SEEDING AND MULCHING (WT: 46)	SY	6.000
0009	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	1.000
0010	659E15000	INTER-SEEDING (WT: 46)	SY	1.000
0011	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.010
0012	659E35000	WATER (WT: 46)	MGAL	1.000
0013	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total	0002	EROSION CONTROL		
Section	0003	TRAFFIC CONTROL		

0014	630E97700	SIGNING, MISC.:SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) (WT: 43)	EACH	4.000
0015	644E00601	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	80.000
Total 0003		TRAFFIC CONTROL		
Section	0004	TRAFFIC SIGNALS		
0016	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	35.000
0017	625E29000	TRENCH (WT: 43)	FT	35.000
0018	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	2.000
0019	625E32000	GROUND ROD (WT: 43)	EACH	4.000
0020	632E20751	ACCESSIBLE PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	2.000
0021	632E40200	SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	120.000
0022	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	2.000
0023	632E68300	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	25.000
0024	632E69900	SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	FT	25.000
0025	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0026	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	4.000
0027	632E89800	PEDESTAL, 3', TRANSFORMER BASE (WT: 44)	EACH	2.000
Total 0004		TRAFFIC SIGNALS		
Section	0005	INCIDENTALS		
0028	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0029	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0030	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0031	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005		INCIDENTALS		

Project Number: 210310

PID: 107458

Stark

US 30-00.00

E191(195)

DBE Goal: 8.0%

Date Set for Completion: 11/1/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF THE CITY OF MASSILLON, OF STARK COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REMOVING AND REPLACING THE WEARING COURSE ON US-30 WITH FINE GRADED POLYMER ASPHALT, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL OTHER INCIDENTAL WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	209E60200	LINEAR GRADING (WT: 06)	STA	810.000
0002	690E98000	SPECIAL - VERTICAL CLEARANCE (WT: NR)	EACH	2.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0003	659E10000	SEEDING AND MULCHING (WT: 46)	SY	22,500.000
0004	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	3.040
0005	659E31000	LIME (WT: 46)	ACRE	4.640
0006	659E35000	WATER (WT: 46)	MGAL	121.500
0007	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0008	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	3,000.000
0009	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	41,894.000
0010	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	20,778.000
0011	424E12001	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN (WT: 10)	CY	12,931.000
0012	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	2,887.000

0013	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	38.000
0014	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (T=1") (WT: 13)	SY	465,484.000
Total	0003	PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0015	621E00100	RPM (WT: 41)	EACH	1,330.000
0016	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,000.000
0017	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	45.160
0018	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	19.160
0019	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	7,950.000
0020	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	9,375.000
0021	646E10400	STOP LINE (WT: 45)	FT	276.000
0022	646E10620	CHEVRON MARKING (WT: 45)	FT	350.000
0023	646E20320	WRONG WAY ARROW (WT: 45)	EACH	10.000
Total	0004	TRAFFIC CONTROL		
Section	0005	MAINTENANCE OF TRAFFIC		
0024	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	200.000
0025	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	50.000
0026	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000
0027	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	9.000
0028	614E20010	WORK ZONE LANE LINE, CLASS I, 6" (WT: 39)	MILE	19.160
0029	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	19.160
0030	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	45.160
0031	614E23010	WORK ZONE CHANNELIZING LINE, CLASS I, 12" (WT: 39)	FT	7,950.000
0032	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	7,950.000
0033	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	276.000
0034	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	276.000
0035	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	24.000
Total	0005	MAINTENANCE OF TRAFFIC		
Section	0006	INCIDENTALS		

0036	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0037	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0038	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0039	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0040	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0006		INCIDENTALS		

Project Number: 210311

PID: 96516

Stark

US 62T-00.00

E170(103)

DBE Goal: 8.0%

Date Set for Completion: 11/30/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF LEXINGTON AND WASHINGTON TOWNSHIPS, OF STARK COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING AND RESURFACING THE SPECIFIED SECTION OF US-62T IN ORDED TO HELP PRESERVETHE EXISTING ROADWAY.

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	202E75000	FENCE REMOVED (WT: NR)	FT	16.000
0003	202E98200	REMOVAL MISC.: CHANNEL CLEANOUT (WT: NR)	FT	600.000
0004	203E10000	EXCAVATION (FOR PAVEMENT REPAIR) (WT: 06)	CY	170.000
0005	209E10000	DITCH CLEANOUT (WT: 06)	FT	1,390.000
0006	209E60200	LINEAR GRADING (WT: 06)	STA	732.000
0007	607E40500	GATE, TYPE 47 (WT: 37)	EACH	2.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0008	659E10000	SEEDING AND MULCHING (WT: 46)	SY	30,335.000
0009	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	4.100
0010	659E31000	LIME (WT: 46)	ACRE	4.200
0011	659E35000	WATER (WT: 46)	MGAL	136.800
0012	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0013	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	2,500.000

0014	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T = 3') (WT: 13)	SY	152,814.000
0015	255E10010	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1 (WT: 17)	SY	1,000.000
0016	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	6,000.000
0017	304E20000	AGGREGATE BASE (FOR PAVEMENT REPAIR) (WT: 09)	CY	170.000
0018	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	19,868.000
0019	408E10001	PRIME COAT, AS PER PLAN @ 0.4 GAL/SY (WT: 10)	GAL	7,323.000
0020	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	12,736.000
0021	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN (PG70-22M) (WT: 10)	CY	6,369.000
0022	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	6,369.000
0023	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	866.000
0024	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	13.000
0025	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	7,973.000
Total 0003		PAVEMENT		
Section 0004	TRAFFIC CONTROL			
0026	621E00100	RPM (WT: 41)	EACH	430.000
0027	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	344.000
0028	626E00102	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	15.000
0029	626E00110	BARRIER REFLECTOR, TYPE 2 (ONE-WAY) (WT: NR)	EACH	15.000
0030	646E10010	EDGE LINE, 6" (WT: 45)	MILE	15.460
0031	646E10110	LANE LINE, 6" (WT: 45)	MILE	6.110
0032	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	2,020.000
0033	646E10400	STOP LINE (WT: 45)	FT	118.000
0034	646E20320	WRONG WAY ARROW (WT: 45)	EACH	6.000
0035	646E20504	DOTTED LINE, 6" (WT: 45)	FT	3,580.000
Total 0004		TRAFFIC CONTROL		
Section 0005	MAINTENANCE OF TRAFFIC			
0036	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
0037	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	40.000

0038	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	20.000
0039	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	12.000
0040	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	12.220
0041	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	6.110
0042	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	15.460
0043	614E23210	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT (WT: 39)	FT	4,040.000
0044	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	2,020.000
0045	614E24202	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT (WT: 39)	FT	7,160.000
0046	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	3,580.000
0047	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	236.000
0048	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	118.000
0049	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	96.000

Total 0005 MAINTENANCE OF TRAFFIC

Section	0006	INCIDENTALS		
0050	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0051	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0052	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	9.000
0053	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0054	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0006 INCIDENTALS

Project Number: 210312

PID: 109285

Van Wert

CR 418-15.31

E191(007)

DBE Goal: 6.0%

Date Set for Completion: 9/30/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF VAN WERT, TOWNSHIPS OF RIDGE AND WASHINGTON, IN VAN WERT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PAVEMENT REPAIRS, RESURFACING ASPHALT PAVEMENT, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E30000	WALK REMOVED (WT: NR)	SF	56.000
0002	202E32000	CURB REMOVED (WT: NR)	FT	12.000
0003	608E10000	4" CONCRETE WALK (WT: 38)	SF	104.000
0004	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	122.000
0005	608E53020	DETECTABLE WARNING (WT: 38)	SF	16.000
0006	609E26000	CURB, TYPE 6 (WT: 38)	FT	12.000
Total	0001	ROADWAY		
Section	0002	PAVEMENT		
0007	253E02000	PAVEMENT REPAIR (WT: 16)	CY	250.000
0008	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (1 1/4") (WT: 13)	SY	121,054.000
0009	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	2,421.000
0010	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	16,524.000
0011	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	4,558.000
0012	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	5,855.000
0013	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	1,344.000
0014	618E41000	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	MILE	13.700

0015	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	7,624.000
Total	0002	PAVEMENT		
Section	0003	TRAFFIC CONTROL		
0016	621E00100	RPM (WT: 41)	EACH	476.000
0017	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	14.440
0018	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	7.220
Total	0003	TRAFFIC CONTROL		
Section	0004	MAINTENANCE OF TRAFFIC		
0019	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	60.000
0020	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	7.220
0021	614E21400	WORK ZONE CENTER LINE, CLASS II (WT: 39)	MILE	7.220
Total	0004	MAINTENANCE OF TRAFFIC		
Section	0005	INCIDENTALS		
0022	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0023	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0024	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0005	INCIDENTALS		

Project Number: 210313

PID: 110876

Wayne

US 30-20.15

E191(063)

DBE Goal: 6%

Date Set for Completion: 6/1/2022

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF EAST UNION TOWNSHIP, OF WAYNE COUNTY, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY WIDENING SOUTHBOUND SR-57 (AT THE INTERSECTION OF US-30) TO ADD A RIGHT-TURN LANE AND BY ADDING A LEFT-TURN LANE ON WESTBOUND US-30, INSTALLING PAVEMENT MARKINGS, AND OTHER RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	667.000
0003	203E10000	EXCAVATION (WT: 06)	CY	1,173.000
0004	203E20000	EMBANKMENT (WT: 06)	CY	132.000
0005	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	2,067.000
0006	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	1,350.000
0007	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	1,350.000
0008	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0009	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	2,025.000
0010	204E51000	GEOGRID (WT: 06)	SY	2,025.000
0011	623E40520	RIGHT-OF-WAY MONUMENT (WT: NR)	EACH	2.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0012	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	10.800
0013	616E10000	WATER (WT: NR)	MGAL	3.000
0014	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0015	659E00300	TOPSOIL (WT: 46)	CY	118.000
0016	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,111.000

0017	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	80.000
0018	659E15000	INTER-SEEDING (WT: 46)	SY	80.000
0019	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.220
0020	659E31000	LIME (WT: 46)	ACRE	0.330
0021	659E35000	WATER (WT: 46)	MGAL	9.000
0022	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0023	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0024	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0025	832E30000	EROSION CONTROL (WT: 08)	EACH	25,000.000

Total 0002 EROSION CONTROL

Section	0003	DRAINAGE		
0026	605E05200	4" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	387.000
0027	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	778.000
0028	605E31100	AGGREGATE DRAINS (WT: 35)	FT	30.000
0029	611E00406	4" CONDUIT, TYPE F (WT: 35)	FT	30.000
0030	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	60.000
0031	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	6.000

Total 0003 DRAINAGE

Section	0004	PAVEMENT		
0032	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3.5" (WT: 13)	SY	432.000
0033	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	433.000
0034	304E20000	AGGREGATE BASE (WT: 09)	CY	718.000
0035	407E10000	TACK COAT (WT: 10)	GAL	2.000
0036	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	468.000
0037	408E10000	PRIME COAT (WT: 10)	GAL	103.000
0038	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	3.000
0039	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (PG76-22M) (WT: 10)	CY	175.000
0040	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) (PG-76-22M) (WT: 10)	CY	234.000

0041	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	124.000
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0042	621E00300	RPM REFLECTOR, 1-WAY, WHITE (WT: 41)	EACH	16.000
0043	621E00300	RPM REFLECTOR, 2-WAY, WHITE/RED (WT: 41)	EACH	31.000
0044	630E03101	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN (WT: 42)	FT	183.000
0045	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	4.000
0046	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	104.550
0047	630E80101	SIGN, FLAT SHEET, AS PER PLAN (WT: 42)	SF	25.300
0048	630E85000	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE (WT: NR)	EACH	11.000
0049	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	15.000
0050	642E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	422.000
0051	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.280
0052	644E00204	LANE LINE, 6" (WT: 45)	MILE	0.110
0053	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	930.000
0054	644E00500	STOP LINE (WT: 45)	FT	123.000
0055	644E00720	CHEVRON MARKING (WT: 45)	FT	34.000
0056	644E01300	LANE ARROW (WT: 45)	EACH	11.000
Total 0005		TRAFFIC CONTROL		
Section	0006	TRAFFIC SIGNALS		
0057	625E25604	CONDUIT, 4", 725.051 (WT: 43)	FT	81.000
0058	625E25910	CONDUIT CLEANED AND CABLES REMOVED (WT: 43)	FT	1,507.000
0059	625E25920	CONDUIT, MISC., CABLES REMOVED AND CONDUIT ABANDONED (WT: 43)	FT	428.000
0060	625E29000	TRENCH (WT: 43)	FT	66.000
0061	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	1.000
0062	625E31510	PULL BOX REMOVED (WT: 43)	EACH	6.000
0063	625E32000	GROUND ROD (WT: 43)	EACH	5.000
0064	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	66.000
0065	625E39520	PULL BOX CLEANED (WT: 43)	EACH	15.000
0066	625E76000	ARC FLASH CALCULATIONS AND LABEL - POWER SUPPLY AND SIGNAL CABINET (WT: NR)	EACH	1.000

0067	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN , BLACK POLYCARBONATE WITH CUTAWAY VISORS (WT: 44)	EACH	8.000
0068	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	4.000
0069	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	21.000
0070	632E30400	MESSENGER WIRE, 7 STRAND, 1/2" DIAMETER WITH ACCESSORIES (WT: 44)	FT	464.000
0071	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	FT	464.000
0072	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,389.000
0073	632E42300	SIGNAL CABLE, 3 CONDUCTOR, NO. 12 AWG (WT: 44)	FT	2,024.000
0074	632E64000	STRAIN POLE FOUNDATION (WT: 44)	EACH	4.000
0075	632E69200	POWER CABLE, 2 CONDUCTOR, NO. 4 AWG (WT: 44)	FT	500.000
0076	632E69900	SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	FT	10.000
0077	632E70000	POWER SERVICE (WT: 44)	EACH	1.000
0078	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	1.000
0079	632E86140	STRAIN POLE, TYPE TC-81.11, DESIGN 12 (WT: 44)	EACH	4.000
0080	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000
0081	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	1.000
0082	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0083	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	1.000
0084	633E68511	COMMUNICATIONS, AS PER PLAN (WT: 44)	EACH	3.000
0085	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0086	633E99300	CONTROLLER ITEM, MISC.: REMOVAL AND INSTALLATION OF SIGNAL FLASHER (WT: 44)	LS	1.000
0087	809E60040	CCTV IP-CAMERA SYSTEM, QUAD MULTI-VIEW FIXED WITH PTZ (WT: 44)	EACH	1.000
0088	809E64550	ETHERNET CABLE, OUTDOOR-RATED (WT: 44)	FT	186.000
0089	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	3.000

0090	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0091	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
Total 0006		TRAFFIC SIGNALS		
Section	0007	MAINTENANCE OF TRAFFIC		
0092	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	60.000
0093	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	1,158.000
0094	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	4.000
0095	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	3.000
0096	614E13310	BARRIER REFLECTOR, TYPE 1, 1-WAY (WT: NR)	EACH	30.000
0097	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	30.000
0098	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	10.000
0099	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.190
0100	614E21600	WORK ZONE CENTER LINE, CLASS II, 740.06, TYPE I (WT: 39)	MILE	0.100
0101	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	0.810
0102	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.220
0103	614E23010	WORK ZONE CHANNELIZING LINE, CLASS I, 12" (WT: 39)	FT	560.000
0104	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	560.000
0105	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	74.000
0106	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	54.000
0107	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	7.000
0108	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	7.000
0109	614E98100	WORK ZONE PAVEMENT MARKING, MISC.:COVER EXISTING PAVEMENT MARKING (WT: 39)	FT	1,090.000
0110	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	1,158.000
Total 0007		MAINTENANCE OF TRAFFIC		
Section	0008	INCIDENTALS		

0111	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0112	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0113	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	11.000
0114	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0115	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

Project Number: 210314

PID: 109627

Brown

US 52-02.51

EDGE Goal: 5.0%

Date Set for Completion: 9/27/2021

Type: SLIDE REPAIR

Plan Cost: N/A

FOR IMPROVING BRO-52-2.51 IN BROWN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CORRECTING A SLOPE FAILURE BY BENCHING OF SLOPES AND PLACING DUMPED ROCK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section 0001	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	12.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	207.000
0004	203E10000	EXCAVATION (WT: 06)	CY	1,500.000
0005	203E20000	EMBANKMENT (WT: 06)	CY	252.000
0006	203E35141	GRANULAR MATERIAL, TYPE E, AS PER PLAN (WT: 06)	CY	78.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	137.000
0008	204E50000	GEOTEXTILE FABRIC, TYPE B (WT: 06)	SY	1,306.000
0009	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	337.500
0010	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	1.000
Total 0001	0001	ROADWAY		
Section 0002	0002	EROSION CONTROL		
0011	601E12000	RIPRAP, WITH GROUT (WT: 35)	SY	15.000
0012	601E25001	DUMPED ROCK FILL, TYPE A, AS PER PLAN (WT: 35)	CY	1,790.000
0013	659E00300	TOPSOIL (WT: 46)	CY	36.000
0014	659E10000	SEEDING AND MULCHING (WT: 46)	SY	323.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.050
0016	659E31000	LIME (WT: 46)	ACRE	0.070

0017	659E35000	WATER (WT: 46)	MGAL	5.000
0018	832E30000	EROSION CONTROL (WT: 08)	EACH	10,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0019	602E20001	CONCRETE MASONRY, AS PER PLAN (WT: 35)	CY	0.560
0020	605E11100	6" SHALLOW PIPE UNDERDRAINS (WT: 35)	FT	200.000
0021	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	13.000
0022	611E13200	30" CONDUIT, TYPE A, (706.02) (WT: 35)	FT	20.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0023	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	209.000
0024	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE 1-1/2" (WT: 13)	SY	255.000
0025	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	19.000
0026	304E20000	AGGREGATE BASE (WT: 09)	CY	21.000
0027	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	33.000
0028	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	20.000
0029	441E50201	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22 (WT: 10)	CY	10.000
0030	618E40800	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	FT	920.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0031	621E00100	RPM (WT: 41)	EACH	24.000
0032	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	24.000
0033	626E00112	BARRIER REFLECTOR, TYPE 3, BIDIRECTIONAL (WT: NR)	EACH	4.000
0034	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.750
0035	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.380
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0036	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	10.000
0037	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	220.000

0038	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0039	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000
0040	614E13310	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	6.000
0041	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	6.000
0042	614E18030	MAINTAINING TRAFFIC, MISC.: RUMBLE STRIPES MILLED AND FILLED (WT: 10)	FT	720.000
0043	614E21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I (WT: 39)	MILE	0.380
0044	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	0.750
0045	616E10000	WATER (WT: NR)	MGAL	60.000
0046	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	480.000
Total 0006 MAINTENANCE OF TRAFFIC				
Section	0007	INCIDENTALS		
0047	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0048	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0049	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	5.000
0050	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0051	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007 INCIDENTALS				

Project Number: 210315
PID: 110821
Champaign
Urbana Wildlife Area CHIP

Date Set for Completion: 8/30/2021

Type: CHIP SEAL

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN SALEM TOWNSHIP, CHAMPAIGN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING AND CHIP SEALING PARKING AREAS AND DRIVES, PLACING AGGREGATE TO REPAIR GRAVEL DRIVES, AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	PAVEMENT		
0001	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	14.000
0002	411E10001	STABILIZED CRUSHED AGGREGATE, AS PER PLAN (WT: NR)	CY	44.000
0003	422E11001	AGGREGATE, SINGLE CHIP SEAL, TYPE A, AS PER PLAN (WT: 11)	SY	5,410.000
0004	422E25001	EMULSION, CHIP SEAL, AS PER PLAN (WT: 11)	GAL	2,164.000
Total	0001	PAVEMENT		
Section	0002	INCIDENTALS		
0005	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0006	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0007	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0002	INCIDENTALS		

Project Number: 210316

PID: 103299

Cuyahoga

LG FY2021

EDGE Goal: 5.0%

Date Set for Completion: 5/31/2022

Type: LIGHTING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN CUYAHOGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY LIGHTING MAINTENANCE, REPAIR, 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	202E75704	REMOVAL OF EXISTING CONTROL CENTER AND FOUNDATION (WT: NR)	EACH	2.000
0003	607E61201	GATE, TYPE CLT, AS PER PLAN (WT: 37)	EACH	2.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0004	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	LIGHTING		
0005	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	39.000
0006	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	31.000
0007	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	87.000
0008	625E10490	LIGHT POLE, CONVENTIONAL, AT10B34 (WT: 43)	EACH	17.000
0009	625E10490	LIGHT POLE, CONVENTIONAL, AT20B41 (WT: 43)	EACH	4.000
0010	625E12300	LIGHT TOWER, BBB110 (WT: 43)	EACH	1.000
0011	625E12950	LIGHT TOWER, BBBB70 (WT: 43)	EACH	1.000
0012	625E13000	LIGHT TOWER, BBBB80 (WT: 43)	EACH	3.000
0013	625E13280	LIGHT TOWER, BBBBBB70 (WT: 43)	EACH	1.000
0014	625E13400	LIGHT TOWER, BBBBBB100 (WT: 43)	EACH	3.000

0015	625E13440	LIGHT TOWER, BBBB100 (WT: 43)	EACH	2.000
0016	625E13500	LIGHT TOWER, MISC.: REPLACE HOISTING CABLE AND WINCH CABLE (WT: 43)	EACH	2.000
0017	625E13500	LIGHT TOWER, MISC.: REPLACE LUMINAIRE LOWERING DEVICE (WT: 43)	EACH	2.000
0018	625E14000	LIGHT POLE FOUNDATION, 24" X 6' DEEP (WT: 43)	EACH	17.000
0019	625E14100	LIGHT POLE FOUNDATION, 24" X 8' DEEP (WT: 43)	EACH	4.000
0020	625E15000	LIGHT TOWER FOUNDATION, 36" X 15' DEEP (WT: 43)	EACH	3.000
0021	625E15100	LIGHT TOWER FOUNDATION, 36" X 20' DEEP (WT: 43)	EACH	6.000
0022	625E15300	LIGHT TOWER FOUNDATION, 36" X 30' DEEP (WT: 43)	EACH	2.000
0023	625E23200	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	10,069.000
0024	625E23300	NO. 2 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	1,950.000
0025	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	2,210.000
0026	625E24100	1-1/2" DUCT CABLE WITH TWO NO. 4 AWG 2400 VOLT CABLES (WT: 43)	FT	3,688.000
0027	625E24300	1-1/2" DUCT CABLE WITH TWO NO. 2 AWG 2400 VOLT CABLES (WT: 43)	FT	700.000
0028	625E24320	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES (WT: 43)	FT	535.000
0029	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	875.000
0030	625E25910	CONDUIT CLEANED AND CABLES REMOVED (WT: 43)	FT	3,692.000
0031	625E26252	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), 480 VOLT (WT: 43)	EACH	8.000
0032	625E27520	REMOVAL OF LUMINAIRE AND REERECTION (WT: 43)	EACH	74.000
0033	625E29002	TRENCH, 24" DEEP (WT: 43)	FT	5,178.000
0034	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	17.000
0035	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	6.000
0036	625E31510	PULL BOX REMOVED (WT: 43)	EACH	15.000
0037	625E32000	GROUND ROD (WT: 43)	EACH	43.000
0038	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	11.000
0039	625E35020	RE-ERECT EXISTING LIGHT TOWER (WT: 43)	EACH	2.000
0040	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	5,178.000

0041	625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	LS	1.000
0042	625E75350	LIGHT TOWER REMOVED (WT: NR)	EACH	12.000
0043	625E75401	LIGHT POLE REMOVED, AS PER PLAN (WT: NR)	EACH	21.000
0044	625E75500	LIGHT POLE FOUNDATION REMOVED (WT: NR)	EACH	21.000
0045	625E75510	POWER SERVICE REMOVED (WT: NR)	EACH	12.000
0046	625E75540	LIGHT TOWER FOUNDATION REMOVED (WT: NR)	EACH	10.000
0047	625E75541	LIGHT TOWER FOUNDATION REMOVED, AS PER PLAN (WT: NR)	EACH	4.000
0048	625E75800	DISCONNECT CIRCUIT (WT: NR)	EACH	1.000
0049	625E98200	LIGHTING, MISC.: TEST CIRCUITS (WT: 43)	LS	1.000
0050	631E85302	DISCONNECT SWITCH WITH ENCLOSURE, 30 AMP (WT: 43)	EACH	1.000
Total 0003		LIGHTING		
Section	0004	MAINTENANCE OF TRAFFIC		
0051	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	150.000
0052	630E97900	SIGNING, MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER (WT: 42)	FT	100.000
Total 0004		MAINTENANCE OF TRAFFIC		
Section	0005	INCIDENTALS		
0053	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0054	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0055	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005		INCIDENTALS		

Project Number: 210317

PID: 103301

Cuyahoga

LAK

/LAK SIGN FY2021

EDGE Goal: 5.0%

Date Set for Completion: 5/31/2022

Type: SIGNING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN CUYAHOGA AND LAKE COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS, BY REPLACING SIGNS, SIGN STRUCTURES, AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E98100	REMOVAL MISC.:SIGN SUPPORT FOUNDATION (WT: NR)	EACH	10.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0002	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	LIGHTING		
0003	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	3.000
0004	625E24320	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES (WT: 43)	FT	175.000
0005	625E29002	TRENCH, 24" DEEP (WT: 43)	FT	165.000
0006	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	1.000
0007	625E32000	GROUND ROD (WT: 43)	EACH	11.000
Total	0003	LIGHTING		
Section	0004	TRAFFIC CONTROL		
0008	630E45501	OVERHEAD SIGN SUPPORT, TYPE TC-7.65, DESIGN 8, AS PER PLAN (WT: 42)	EACH	1.000
0009	630E72331	OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 10, AS PER PLAN (WT: 42)	EACH	1.000
0010	630E72411	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 1, AS PER PLAN (WT: 42)	EACH	4.000

0011	630E72421	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 2, AS PER PLAN (WT: 42)	EACH	1.000
0012	630E75000	SIGN ATTACHMENT ASSEMBLY (WT: 42)	EACH	56.000
0013	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	14.250
0014	630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	SF	2,991.500
0015	630E81201	SIGN ERECTED, EXTRUSHEET, AS PER PLAN (WT: 42)	SF	182.500
0016	630E82000	SIGN BACKING ASSEMBLY (WT: 42)	EACH	1.000
0017	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	11.000
0018	630E86310	REMOVAL OF STRUCTURE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0019	630E87101	REMOVAL OF OVERHEAD MOUNTED SIGN AND REERECTION, AS PER PLAN (WT: 42)	EACH	6.000
0020	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	16.000
0021	630E89401	REMOVAL OF OVERHEAD SIGN SUPPORT AND REERECTION, TYPE TC-7.65, AS PER PLAN (WT: 42)	EACH	2.000
0022	630E89802	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-7.65 (WT: NR)	EACH	1.000
0023	630E97700	SIGNING, MISC.: MEDIAN BARRIER SUPPORT FFOUNDATION ANCHOR BOLT REPAIR (WT: 42)	EACH	1.000
0024	630E97700	SIGNING, MISC.: SUPPORT FFOUNDATION ANCHOR BOLT REPAIR (WT: 42)	EACH	3.000
Total 0004		TRAFFIC CONTROL		
Section	0005	MAINTENANCE OF TRAFFIC		
0025	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	150.000
0026	630E97800	SIGNING, MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER (WT: 42)	SF	100.000
Total 0005		MAINTENANCE OF TRAFFIC		
Section	0006	INCIDENTALS		
0027	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0028	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0029	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0006		INCIDENTALS		

Project Number: 210318

PID: 113963

D01

CR FY21

Date Set for Completion: 10/31/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN DISTRICT 1 IN ALLEN, HANCOCK AND WYANDOT COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING NUMEROUS CULVERTS BY FIELD PAVING, INSTALLING LINER PIPES AND/OR INSTALLATION OF CURED IN PLACE LINERS.

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	181.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0003	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	175.000
0004	832E30000	EROSION CONTROL (WT: 08)	EACH	7,200.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0005	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0006	611E96550	FIELD PAVING OF EXISTING PIPE, 84" CMP (WT: 35)	FT	181.000
0007	611E97300	CONDUIT, MISC.: 15" PIPE CONNECTION TO LINER PIPE (WT: 35)	LS	1.000
0008	837E10000	LINER PIPE, 42" 748.06, SS938 OR 42" OD 707.34 (WT: 35)	FT	228.000
0009	837E10000	LINER PIPE, 54" 748.06, SS938 OR 54" OD 707.34 (WT: 35)	FT	282.000
0010	837E10000	LINER PIPE, 60" 748.06, SS938 (WT: 35)	FT	233.000
0011	837E10000	LINER PIPE, 66" 707.11, 707.12, 707.24, 707.35 OR 72" SS938, 748.06 (WT: 35)	FT	562.000

0012	837E10000	LINER PIPE, 66" 748.06, SS938 (WT: 35)	FT	868.000
0013	837E10000	LINER PIPE, 72" 748.06, SS938 (WT: 35)	FT	492.000
0014	837E10000	LINER PIPE, 84" 707.11, 707.12, 707.35, 748.06 (WT: 35)	FT	240.000
0015	837E21000	BACKFILL FOR LINER PIPE, 42" DIAMETER (WT: 35)	FT	228.000
0016	837E21000	BACKFILL FOR LINER PIPE, 54" DIAMETER (WT: 35)	FT	282.000
0017	837E21000	BACKFILL FOR LINER PIPE, 60" DIAMETER (WT: 35)	FT	233.000
0018	837E21000	BACKFILL FOR LINER PIPE, 66" DIAMETER (WT: 35)	FT	1,430.000
0019	837E21000	BACKFILL FOR LINER PIPE, 72" DIAMETER (WT: 35)	FT	492.000
0020	837E21000	BACKFILL FOR LINER PIPE, 84" DIAMETER (WT: 35)	FT	240.000
0021	899E10000	CURED-IN-PLACE PIPE LINER, 15" DIAMETER (WT: 35)	FT	302.000
Total	0003	DRAINAGE		
Section	0004	STRUCTURE REPAIR (HAN-30-0209 AND SFN 3201009)		
0022	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0023	837E10000	LINER PIPE, 72" 707.11, 707.12, 707.35, 748.06, SS938 (WT: 35)	FT	386.000
0024	837E21000	BACKFILL FOR LINER PIPE, 72" DIAMETER (WT: 35)	FT	386.000
Total	0004	STRUCTURE REPAIR (HAN-30-0209 AND SFN 3201009)		
Section	0005	INCIDENTALS		
0025	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0026	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0027	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0028	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0005	INCIDENTALS		

Project Number: 210319

PID: 111619

D04

MAH

SP FY2021 (East)

EDGE Goal: 5%

Date Set for Completion: 9/30/2021

Type: SPOT PATCHING / PAVEMENT REPAIR

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF THE CITIES OF ASHTABULA AND YOUNGSTOWN, OF THE COUNTIES OF ASHTABULA, CHERRY, DENMARK, DORSET, JEFFERSON, PLYMOUTH, AUSTINTOWN, BEAVER, BERLIN, BOARDMAN, COITSVILLE, AND MILTON, OF THE COUNTIES OF ASHTABULA AND MAHONING, OF THE STATE OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PAVEMENT REPAIRS, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E32501	CURB AND GUTTER REMOVED, AS PER PLAN (WT: NR)	FT	1,000.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0002	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	223.000
0003	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0004	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	5.000
0005	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	5.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0006	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	14,700.000
0007	452E10011	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN (WT: 12)	SY	862.000
Total	0004	PAVEMENT		

Section	0005	TRAFFIC CONTROL		
0008	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	10.000
0009	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	3.000
0010	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	1.000
0011	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	2.000
0012	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	100.000
0013	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	500.000
0014	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	50.000
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0015	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	200.000
0016	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	20.000
0017	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	20.000
0018	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	3.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	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	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0007	INCIDENTALS		

Project Number: 210320

PID: 111620

D04

STA, SUM

SP FY2021 (West)

EDGE Goal: 5.0%

Date Set for Completion: 10/30/2021

Type: SPOT PATCHING / PAVEMENT REPAIR

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF THE CITIES OF AKRON, FAIRLAWN, HUDSON, MACEDONIA, AND TWINSBURG, OF THE TOWNSHIPS OF BOSTON HEIGHTS, COVENTRY, NORTHFIELD, BETHLEHEM, LAWRENCE, BRIMFIELD, FREEDOM, RANDOLPH, RAVENNA, AND ROOTSTOWN, OF THE COUNTIES OF PORTAGE, STARK, AND SUMMIT, OF THE STATE OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PAVEMENT REPAIRS, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	203E10000	EXCAVATION (WT: 06)	CY	145.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0002	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0003	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	14,450.000
0004	255E10500	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS RRCM (WT: 17)	SY	875.000
0005	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	3,000.000
0006	304E20000	AGGREGATE BASE (WT: 09)	CY	145.000
Total	0003	PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0007	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	10.000
0008	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	6.000
0009	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	6.000

0010	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	1.000
0011	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	170.000
0012	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	170.000
0013	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	170.000
Total 0004		TRAFFIC CONTROL		
Section 0005	MAINTENANCE OF TRAFFIC			
0014	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	200.000
0015	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	20.000
0016	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	20.000
0017	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	3.000
Total 0005		MAINTENANCE OF TRAFFIC		
Section 0006	INCIDENTALS			
0018	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0019	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0020	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	3.000
0021	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0006		INCIDENTALS		

Project Number: 210321

PID: 103269

D07

CHP, CLA, DAR

RPM FY21

Date Set for Completion: 9/15/2021

Type: RAISED PAVEMENT MARKERS

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY WITHIN AUGLAIZE, CHAMPAIGN, CLARK, DARKE, MERCER, MIAMI, MONTGOMERY, AND SHELBY COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING RAISED PAVEMENT MARKER REFLECTORS ALONG APPROXIMATELY 280 MILES OF SPECIFIED SECTIONS OF ROADWAYS THROUGHOUT ODOT'S DISTRICT 7.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	TRAFFIC CONTROL		
0001	621E00300	RPM REFLECTOR (WT: 41)	EACH	34,722.000
Total	0001	TRAFFIC CONTROL		
Section	0002	MAINTENANCE OF TRAFFIC		
0002	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	32.000
Total	0002	MAINTENANCE OF TRAFFIC		
Section	0003	INCIDENTALS		
0003	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0004	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0005	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0003	INCIDENTALS		

Project Number: 210322

PID: 114141

D08

CLE, CLI, GRE

ITS Maint FY2021

EDGE Goal: 5.0%

Date Set for Completion: 5/31/2023

Type: SIGNALIZATION

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 MAINTAINING ITS AND FIBER OPTIC ITEMS BY WORK ORDER 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
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0002	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total	0002	EROSION CONTROL		
Section	0003	TRAFFIC SURVEILLANCE		
0003	625E00470	CONNECTION, UNFUSED BOLTED (WT: 43)	EACH	1.000
0004	625E22900	NO. 1/0 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	2,250.000
0005	625E22990	NO. 6 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	1,000.000
0006	625E23000	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	1,000.000
0007	625E23100	NO. 2 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	2,000.000
0008	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	200.000
0009	625E25740	CONDUIT, MULTICELL, 725.20, HDPE (WT: 43)	FT	500.000
0010	625E25740	CONDUIT, MULTICELL, 725.20, JACKED OR DRILLED (WT: 43)	FT	50.000
0011	625E25908	CONDUIT, JACKED OR DRILLED, 725.052, 2", SCHEDULE 80 (WT: 43)	FT	50.000

0012	625E29010	TRENCH, 30" DEEP (WT: 43)	FT	700.000
0013	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	35.000
0014	625E30711	PULL BOX, 725.08, 32", AS PER PLAN (WT: 43)	EACH	10.000
0015	625E32001	GROUND ROD, AS PER PLAN (WT: 43)	EACH	35.000
0016	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	700.000
0017	625E98000	LIGHTING, MISC.:STEP-DOWN TRANSFORMER AND SUPPORT (WT: 43)	EACH	1.000
0018	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	1.000
0019	632E70001	POWER SERVICE, AS PER PLANA (WT: 44)	EACH	10.000
0020	632E70001	POWER SERVICE, AS PER PLANB (WT: 44)	EACH	1.000
0021	632E70001	POWER SERVICE, AS PER PLANC (WT: 44)	EACH	1.000
0022	632E70001	POWER SERVICE, AS PER PLAND (WT: 44)	EACH	1.000
0023	632E70001	POWER SERVICE, AS PER PLANE (WT: 44)	EACH	47.000
0024	632E70001	POWER SERVICE, AS PER PLANF (WT: 44)	EACH	1.000
0025	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	1.000
0026	632E89300	WOOD POLE (WT: 44)	EACH	1.000
0027	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0028	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	10.000
0029	642E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	16.000
0030	644E00500	STOP LINE (WT: 45)	FT	16.000
0031	804E98000	FIBER OPTIC CABLE, MISC.:INSTALL ONLY (WT: 55)	FT	5,000.000
0032	809E61000	CCTV CONCRETE POLE WITH LOWERING UNIT, 70 FEET (WT: 43)	EACH	1.000
0033	809E65990	ITS DEVICE, MISC.:PULL BOX, 48", AS PER PLAN (WT: 44)	EACH	1.000
0034	809E65990	ITS DEVICE, MISC.:REMOVE EXISTING CCTV POLE (WT: 44)	EACH	1.000
Total 0003		TRAFFIC SURVEILLANCE		
Section	0004	MAINTENANCE OF TRAFFIC		
0035	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	16.000
0036	614E18000	MAINTAINING TRAFFIC, MISC.:PARTIAL ENTRANCE RAMP LANE CLOSURE (WT: 39)	EACH	1.000
Total 0004		MAINTENANCE OF TRAFFIC		
Section	0005	INCIDENTALS		
0037	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000

0038	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0039	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0040	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005		INCIDENTALS		

Project Number: 210323

PID: 100875

D10

GAL, HOC, MEG

RPM FY2021

Date Set for Completion: 10/31/2021

Type: RAISED PAVEMENT MARKERS

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE COUNTIES OF HOCKING, VINTON, ATHENS, MEIGS, GALLIA, MORGAN, WASHINGTON, NOBLE, AND MONROE, IN OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING REFLECTIVE PAVEMENT MARKERS ALONG VARIOUS ROUTES AND LOCATIONS, AND PERFORMING ALL RELATED WORK.
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Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	TRAFFIC CONTROL		
0001	620E70000	DELINEATOR, MISC.: REPLACEMENT OF UPRIGHT MARKER (WT: NR)	EACH	32.000
0002	621E00100	RPM (WT: 41)	EACH	359.000
0003	621E00101	RPM, AS PER PLAN (WT: 41)	EACH	400.000
0004	621E00300	RPM REFLECTOR (WT: 41)	EACH	60,186.000
Total	0001	TRAFFIC CONTROL		
Section	0002	INCIDENTALS		
0005	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0006	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0007	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0002	INCIDENTALS		

Project Number: 210324
PID: 109330
Lucas
ODNR Maumee Bay State Park

EDGE Goal: 5.0%
Date Set for Completion: 10/6/2021
Type: PARKING AREAS

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS WITHIN MAUMEE BAY STATE PARK, WITHIN LUCAS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY OVERLAYING CABIN ROAD WITH A 1" THICK LAYER OF FINE GRADED POLYMER ASPHALT, INCLUDING ALL RELATED ITEMS OF WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section 0001	0001	ROADWAY		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	592.000
0002	203E01890	SPECIAL - SOIL STERILANT (WT: NR)	SY	12,300.000
0003	209E60501	LINEAR GRADING, AS PER PLAN (WT: 06)	MILE	4.000
Total 0001	0001	ROADWAY		
Section 0002	0002	DRAINAGE		
0004	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0005	611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	EACH	1.000
0006	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	2.000
0007	611E99660	MANHOLE RECONSTRUCTED TO GRADE (WT: 35)	EACH	2.000
0008	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	1.000
0009	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	18.000
Total 0002	0002	DRAINAGE		
Section 0003	0003	PAVEMENT		
0010	253E01000	PAVEMENT REPAIR (WT: 16)	SY	840.000
0011	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	2,260.000
0012	424E12001	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN (WT: 10)	CY	739.000
0013	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	808.000
Total 0003	0003	PAVEMENT		

Section 0004		TRAFFIC CONTROL		
0014	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	1.850
0015	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.890
0016	644E01630	BIKE LANE SYMBOL MARKING (WT: 45)	EACH	10.000
Total 0004		TRAFFIC CONTROL		
Section 0005		MAINTENANCE OF TRAFFIC		
0017	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	2.000
0018	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	2.000
0019	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	5.000
0020	614E21400	WORK ZONE CENTER LINE, CLASS II (WT: 39)	MILE	0.960
Total 0005		MAINTENANCE OF TRAFFIC		
Section 0006		INCIDENTALS		
0021	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0022	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0023	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0024	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0006		INCIDENTALS		

Project Number: 210325
PID: 109338
Ottawa
ODNR East Harbor State Park

EDGE Goal: 5.0%
Date Set for Completion: 10/31/2021
Type: PARKING AREAS

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS WITHIN DANBURY TOWNSHIP, OF OTTAWA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING A FINE GRADED POLYMER OVERLAY ON THE MAIN ROADWAYS AND PARKING LOTS WITHIN EAST HARBOR STATE PARK, INCLUDING ALL RELATED ITEMS OF WORK. THIS PROJECT INCLUDES 2 ADDITIVE ALTERNATES, WHICH INCLUDE PLACING A FINE GRADED POLYMER ASPHALT ON 2 ADDITIONAL AREAS OF THE PARK AND TRAFFIC STRIPING.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	654.000
0002	202E53010	SPECIAL - PARKING BLOCK REMOVED AND RESET (WT: NR)	EACH	106.000
0003	209E60501	LINEAR GRADING, AS PER PLAN (WT: 06)	MILE	6.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0004	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0005	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0006	611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	EACH	1.000
0007	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0008	611E99660	MANHOLE RECONSTRUCTED TO GRADE (WT: 35)	EACH	1.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0009	253E01000	PAVEMENT REPAIR (WT: 16)	SY	1,060.000
0010	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	4,054.000

0011	424E12001	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN (WT: 10)	CY	1,402.000
0012	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	2,569.000
Total 0004		PAVEMENT		
Section 0005	WATER WORK			
0013	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	3.000
Total 0005		WATER WORK		
Section 0006	TRAFFIC CONTROL			
0014	642E00100	EDGE LINE, 4", TYPE 1 (WT: 45)	MILE	6.260
0015	642E00200	LANE LINE, 4", TYPE 1 (WT: 45)	MILE	1.330
0016	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.270
0017	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	1,426.000
0018	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	251.000
0019	642E00601	CROSSWALK LINE, TYPE 1, AS PER PLAN (WT: 45)	FT	210.000
0020	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	1,780.000
0021	642E01200	PARKING LOT STALL MARKING, TYPE 1 (WT: 45)	FT	3,882.000
0022	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	14.000
0023	642E01500	DOTTED LINE, 4", TYPE 1 (WT: 45)	FT	4,420.000
0024	642E01702	HANDICAP SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	8.000
Total 0006		TRAFFIC CONTROL		
Section 0007	MAINTENANCE OF TRAFFIC			
0025	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	5.000
Total 0007		MAINTENANCE OF TRAFFIC		
Section 0008	ITEMS OF WORK ADDITIVE ALTERNATES 1			
0026	AA1 407E20000	NON-TRACKING TACK COAT ALTERNATE 1 (WT: 10)	GAL	313.000
0027	AA1 424E12001	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN ALTERNATE 1 (WT: 10)	CY	103.000
0028	AA1 642E00100	EDGE LINE, 4", TYPE 1 ALTERNATE 1 (WT: 45)	MILE	0.340
0029	AA1 642E00300	CENTER LINE, TYPE 1 ALTERNATE 1 (WT: 45)	MILE	0.170
0030	AA1 642E00500	STOP LINE, TYPE 1 ALTERNATE 1 (WT: 45)	FT	78.000
0031	AA1 875E10000	LONGITUDINAL JOINT ADHESIVE ALTERNATE 1 (WT: 10)	LB	346.000
0032	AA2 690E98400	SPECIAL -NONPERFORM (WT: NR)	LS	1.000
Total 0008		ITEMS OF WORK ADDITIVE ALTERNATES 1		

Section 0009		ITEMS OF WORK ADDITIVE ALTERNATES 2			
0033	AB1	407E20000	NON-TRACKING TACK COAT ALTERNATE 2 (WT: 10)	GAL	1,249.000
0034	AB1	424E12001	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN ALTERNATE 2 (WT: 10)	CY	408.000
0035	AB1	642E00100	EDGE LINE, 4", TYPE 1 ALTERNATE 2 (WT: 45)	MILE	0.790
0036	AB1	642E00200	LANE LINE, 4", TYPE 1 ALTERNATE 2 (WT: 45)	MILE	0.070
0037	AB1	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 ALTERNATE 2 (WT: 45)	FT	468.000
0038	AB1	642E01200	PARKING LOT STALL MARKING, TYPE 1 ALTERNATE 2 (WT: 45)	FT	2,727.000
0039	AB1	642E01300	LANE ARROW, TYPE 1 ALTERNATE 2 (WT: 45)	EACH	2.000
0040	AB1	642E01500	DOTTED LINE, 4", TYPE 1 ALTERNATE 2 (WT: 45)	FT	458.000
0041	AB1	642E01702	HANDICAP SYMBOL MARKING, TYPE 1 ALTERNATE 2 (WT: 45)	EACH	4.000
0042	AB1	875E10000	LONGITUDINAL JOINT ADHESIVE ALTERNATE 2 (WT: 10)	LB	687.000
0043	AB2	690E98400	SPECIAL -NONPERFORM (WT: NR)	LS	1.000
Total 0009		ITEMS OF WORK ADDITIVE ALTERNATES 2			
Section 0010		INCIDENTALS			
0044		103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0045		614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0046		623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0047		624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0010		INCIDENTALS			

Project Number: 210326

PID: 109061

Scioto

US 23-03.71

Date Set for Completion: 9/11/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING SCI-23-3.71 IN SCIOTO COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY IMPROVING DRAINAGE ALONG US 23 BY INSTALLING CURB AND GUTTER, CATCH BASINS AND A CLOSED DRAINAGE SYSTEM.

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	135.000
0003	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	218.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	10.000
0005	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	303.000
0006	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 12" (WT: NR)	FT	151.000
0007	203E10000	EXCAVATION (WT: 06)	CY	110.000
0008	203E20000	EMBANKMENT (WT: 06)	CY	21.000
0009	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	303.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0010	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	1.000
0011	659E00300	TOPSOIL (WT: 46)	CY	41.000
0012	659E10000	SEEDING AND MULCHING (WT: 46)	SY	363.000
0013	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	18.000
0014	659E15000	INTER-SEEDING (WT: 46)	SY	18.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.100
0016	659E31000	LIME (WT: 46)	ACRE	0.100

0017	659E35000	WATER (WT: 46)	MGAL	2.000
0018	832E30000	EROSION CONTROL (WT: 08)	EACH	1,500.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0019	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.300
0020	605E06020	4" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	290.000
0021	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	5.000
0022	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	213.000
0023	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	17.000
0024	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	15.000
0025	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	4.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0026	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	338.000
0027	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0028	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	590.000
0029	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	23.000
0030	304E20000	AGGREGATE BASE (WT: 09)	CY	54.000
0031	407E10000	TACK COAT (WT: 10)	GAL	16.000
0032	408E10000	PRIME COAT (WT: 10)	GAL	53.000
0033	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (WT: 10)	CY	7.000
0034	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) (WT: 10)	CY	7.000
0035	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	218.000
0036	609E23000	COMBINATION CURB AND GUTTER, TYPE 4 (WT: 38)	FT	303.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0037	621E00100	RPM (WT: 41)	EACH	48.000
0038	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	48.000
0039	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	50.000
0040	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000

0041	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
0042	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.500
0043	644E00204	LANE LINE, 6" (WT: 45)	MILE	0.500
0044	644E00500	STOP LINE (WT: 45)	FT	12.000
Total 0005		TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0045	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	16.000
0046	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0047	614E13310	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	12.000
0048	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	12.000
0049	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	0.700
0050	614E24202	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT (WT: 39)	FT	1,000.000
0051	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	20.000
0052	616E10000	WATER (WT: NR)	MGAL	1.000
0053	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	530.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section	0007	INCIDENTALS		
0054	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0055	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0056	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0057	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		

Project Number: 210327

PID: 91908

Union

US 33 CS FY21

Date Set for Completion: 9/15/2021

Type: CRACK SEALING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY IN DOVER, JEROME, MILL CREEK, AND PARIS TOWNSHIPS, OF UNION COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY APPLYING A TYPE II CRACK SEALER TO US 33 FROM SLM 13.10 TO 14.29, AND SLM 15.19 TO 24.55, INCLUDING ALL RELATED ITEMS OR WORK. PROJECT INCLUDES APPLYING CRACK SEALER TO THE INTERCHANGE RAMPS FOR THE REST AREA AND AT THE US 33/US 42 INTERCHANGE.

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	PAVEMENT		
0002	423E00204	CRACK SEALING, TYPE II (WT: NR)	SY	347,694.000
Total	0002	PAVEMENT		
Section	0003	TRAFFIC CONTROL		
0003	642E00114	EDGE LINE, 6", TYPE 1A (WT: 45)	MILE	44.780
0004	642E00214	LANE LINE, 6", TYPE 1A (WT: 45)	MILE	21.100
Total	0003	TRAFFIC CONTROL		
Section	0004	MAINTENANCE OF TRAFFIC		
0005	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	250.000
0006	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	12.000
0007	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000
0008	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	4.000
Total	0004	MAINTENANCE OF TRAFFIC		
Section	0005	INCIDENTALS		

0009	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0010	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0011	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0012	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005		INCIDENTALS		

Project Number: 218004

PID: 108722

Belmont

CR 4-04.34/05.15

E180(737);E180(738)

DBE Goal: 5.0%

Date Set for Completion: 11/20/2021

Type: SLIDE REPAIR

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF PULTNEY TOWNSHIP, OF BELMONT COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING A DRILLED SHAFT, SOLDIER PILE AND PRECAST LAGGING RETAINING WALLS TO STABILIZE SECTIONS OF ROADWAY, INCLUDING ALL RELATED ITEMS OF 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	914.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	69.000
0004	202E75000	FENCE REMOVED (WT: NR)	FT	76.000
0005	203E10000	EXCAVATION (WT: 06)	CY	313.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	210.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,590.000
0008	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	159.000
0009	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	80.000
0010	204E30040	GRANULAR MATERIAL, TYPE E (WT: 06)	CY	80.000
0011	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0012	606E15201	GUARDRAIL, TYPE MGS HALF POST SPACING WITH LONG POSTS, AS PER PLAN (WT: 36)	FT	750.000
0013	606E26151	ANCHOR ASSEMBLY, MGS TYPE E, AS PER PLAN, (NCHRP 350) (WT: 36)	EACH	3.000
0014	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0015	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	1.000
Total	0001	ROADWAY		

Section	0002	EROSION CONTROL		
0016	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	4.000
0017	659E10001	SEEDING AND MULCHING, AS PER PLAN (WT: 46)	SY	775.000
0018	832E30000	EROSION CONTROL (WT: 08)	EACH	10,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0019	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.600
0020	611E05700	15" CONDUIT, TYPE A, 707.33 (WT: 35)	FT	68.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0021	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	576.000
0022	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	119.000
0023	304E20000	AGGREGATE BASE (WT: 09)	CY	377.000
0024	407E10000	TACK COAT (WT: 10)	GAL	52.000
0025	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	138.000
0026	423E00204	CRACK SEALING, TYPE II (WT: NR)	SY	21.000
0027	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	40.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0028	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	14.000
0029	642E00100	EDGE LINE, 4", TYPE 1 (WT: 45)	MILE	0.160
0030	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.130
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0031	616E10000	WATER (WT: NR)	MGAL	1.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	RETAINING WALLS (001)		
0032	503E22201	UNCLASSIFIED EXCAVATION, INCLUDING ROCK AND/OR SHALE, AS PER PLAN (WT: 34)	CY	329.000
0033	507E00301	STEEL PILES HP14X73, FURNISHED, AS PER PLAN (WT: 34)	FT	750.000
0034	511E46511	CLASS QC1 CONCRETE, FOOTING, AS PER PLAN (WT: 34)	CY	16.000

0035	511E81300	CONCRETE, MISC.: 8"x24"x57" PRECAST CONCRETE LAGGING (WT: 34)	EACH	92.000
0036	511E81300	CONCRETE, MISC.: CAST-IN-PLACE CONCRETE LAGGING, AS PER PLAN (WT: 34)	EACH	1.000
0037	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 34)	CY	58.000
0038	524E94603	DRILLED SHAFTS, 30" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	225.000
0039	524E94605	DRILLED SHAFTS, 30" DIAMETER INTO BEDROCK, AS PER PLAN (WT: 28)	FT	300.000
Total 0007		RETAINING WALLS (001)		
Section	0008	RETAINING WALLS (002)		
0040	202E98000	REMOVAL MISC.: PILING REMOVED (WT: NR)	LS	1.000
0041	503E22201	UNCLASSIFIED EXCAVATION, INCLUDING ROCK AND/OR SHALE, AS PER PLAN (WT: 34)	CY	1,041.000
0042	507E00301	STEEL PILES HP14X73, FURNISHED, AS PER PLAN (WT: 34)	FT	2,970.000
0043	511E46511	CLASS QC1 CONCRETE, FOOTING, AS PER PLAN (WT: 34)	CY	64.000
0044	511E81300	CONCRETE, MISC.: 8"x24"x57" PRECAST CONCRETE LAGGING (WT: 34)	EACH	374.000
0045	511E81300	CONCRETE, MISC.: CAST-IN-PLACE CONCRETE LAGGING, AS PER PLAN (WT: 34)	EACH	2.000
0046	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 34)	CY	293.000
0047	524E94603	DRILLED SHAFTS, 30" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	917.000
0048	524E94605	DRILLED SHAFTS, 30" DIAMETER INTO BEDROCK, AS PER PLAN (WT: 28)	FT	1,188.000
Total 0008		RETAINING WALLS (002)		
Section	0009	INCIDENTALS		
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	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0052	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0009		INCIDENTALS		

Project Number: 218005

PID: 108720

Belmont

CR 24-00.71

E180(736)

DBE Goal: 5%

Date Set for Completion: 9/30/2021

Type: SLIDE REPAIR

Plan Cost: N/A

FOR IMPROVING A SECTION OF PEASE TOWNSHIP, OF BELMONT COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY INSTALLING A SOIL NAIL RETAINING WALL TO STABILIZE THE SECTION OF ROADWAY, INCLUDING ALL RELATED ITEMS OF 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	75.000
0003	202E98000	REMOVAL MISC.: PIPE PILING REMOVED (WT: NR)	LS	1.000
0004	203E10000	EXCAVATION (WT: 06)	CY	26.000
0005	203E20000	EMBANKMENT (WT: 06)	CY	39.000
0006	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	88.000
0007	606E15201	GUARDRAIL, TYPE MGS HALF POST SPACING WITH LONG POSTS, AS PER PLAN (WT: 36)	FT	200.000
0008	606E26151	ANCHOR ASSEMBLY, MGS TYPE E, AS PER PLAN, (NCHRP 350 OR MASH 2016) (WT: 36)	EACH	1.000
0009	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0010	659E10001	SEEDING AND MULCHING, AS PER PLAN (WT: 46)	SY	84.000
0011	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		

0012	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	10.000
0013	304E20000	AGGREGATE BASE (WT: 09)	CY	26.000
0014	407E10000	TACK COAT (WT: 10)	GAL	5.000
0015	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	7.000
0016	423E00204	CRACK SEALING, TYPE II (WT: NR)	SY	4.000
0017	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	4.000
Total 0003		PAVEMENT		
Section 0004	TRAFFIC CONTROL			
0018	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	3.000
0019	642E00100	EDGE LINE, 4", TYPE 1 (WT: 45)	MILE	0.010
0020	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.010
Total 0004		TRAFFIC CONTROL		
Section 0005	MAINTENANCE OF TRAFFIC			
0021	616E10000	WATER (WT: NR)	MGAL	5.000
Total 0005		MAINTENANCE OF TRAFFIC		
Section 0006	RETAINING WALLS (001)			
0022	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 34)	LS	1.000
0023	503E21100	UNCLASSIFIED EXCAVATION (WT: 34)	CY	33.000
0024	690E98000	SPECIAL - PROOF TEST (SOIL NAILS) (WT: 34)	EACH	5.000
0025	690E98000	SPECIAL - VERIFICATION TEST (SOIL NAILS) (WT: 34)	EACH	3.000
0026	690E98200	SPECIAL - SOIL NAIL WALL (WT: 34)	SF	600.000
Total 0006		RETAINING WALLS (001)		
Section 0007	INCIDENTALS			
0027	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0028	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0029	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0030	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		

Project Number: 218006

PID: 110030

Noble

SR 78-11.38

EDGE Goal: 5.0%

Date Set for Completion: 10/15/2021

Type: SLIDE REPAIR

Plan Cost: N/A

FOR IMPROVING NOB-78-11.38 IN NOBLE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CORRECTING A SLOPE FAILURES BY CONSTRUCTING A DRILLED SHAFT, SOLDIER PILE AND PLUG PILE RETAINING WALL AND BENCHING OF SLOPES AND PLACING DUMPED ROCK.

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	998.000
0003	202E42206	ANCHOR ASSEMBLY REMOVED (WT: NR)	EACH	1.000
0004	203E10000	EXCAVATION (WT: 06)	CY	2,767.000
0005	203E20000	EMBANKMENT (WT: 06)	CY	3,211.000
0006	203E35001	GRANULAR EMBANKMENT, AS PER PLAN (NO. 8 AGGREGATE) (WT: 06)	CY	368.000
0007	203E35121	GRANULAR MATERIAL, TYPE C, AS PER PLAN (WT: 06)	CY	272.000
0008	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	1,050.000
0009	606E15400	MGS GUARDRAIL, TYPE 8 (WT: 36)	FT	125.000
0010	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	1.000
0011	690E12010	SPECIAL - GEOTEXTILE FABRIC, 712.09, TYPE A (WT: 06)	SY	889.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0012	601E27001	DUMPED ROCK FILL, TYPE C, AS PER PLAN (WT: 35)	CY	950.000
0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,782.000
0014	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.300

0015	659E31000	LIME (WT: 46)	ACRE	0.600
0016	659E35000	WATER (WT: 46)	MGAL	16.000
0017	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0018	605E13402	6" UNCLASSIFIED PIPE UNDERDRAINS FOR SPRINGS (WT: 35)	FT	154.000
0019	611E01400	6" CONDUIT, TYPE E, 707.31 (PERFORATED) (WT: 35)	FT	352.000
0020	611E01500	6" CONDUIT, TYPE F, 707.33 (WT: 35)	FT	68.000
0021	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0022	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	298.000
0023	408E10000	PRIME COAT (WT: 10)	GAL	232.000
0024	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	146.000
0025	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	25.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0026	621E00100	RPM (WT: 41)	EACH	17.000
0027	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	17.000
0028	626E00110	BARRIER REFLECTOR, TYPE 2, BI-DIRECTIONAL (WT: NR)	EACH	12.000
0029	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.500
0030	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.250
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0031	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0032	614E12740	WORK ZONE LIGHTING SYSTEM (WT: 39)	EACH	1.000
0033	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	1,020.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	RETAINING WALLS		
0034	507E00400	STEEL PILES, MISC.: SOLDIER PILES, W24x146 (WT: 34)	FT	2,438.000

0035	524E94703	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	2,497.000
0036	524E94705	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	914.000

Total 0007 RETAINING WALLS

Section	0008	INCIDENTALS		
0037	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0038	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0039	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0040	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0008 INCIDENTALS

Project Number: 218007
PID: 108719
Belmont
CR 46-02.48/02.79 (PART 1 AND PART 2)
E180(734);E180(735);E210(077)

DBE Goal: 5.0%

Date Set for Completion: 11/20/2021

Type: SLIDE REPAIR

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF PULTNEY TOWNSHIP AND MEAD TOWNSHIP, OF BELMONT COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY INSTALLING TWO DRILLED SHAFT & SOLDIER PILE RETAINING WALLS AND ONE DRILLED SHAFT, SOLDIER PILE & PRECAST LAGGING RETAINING WALL TO STABILIZE THE SECTION OF ROADWAY, INCLUDING ALL RELATED ITEMS OF WORK.

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	548.000
0003	203E10000	EXCAVATION (WT: 06)	CY	167.000
0004	203E20000	EMBANKMENT (WT: 06)	CY	76.000
0005	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	987.000
0006	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	140.000
0007	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	70.000
0008	204E30040	GRANULAR MATERIAL, TYPE E (WT: 06)	CY	70.000
0009	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0010	606E15201	GUARDRAIL, TYPE MGS HALF POST SPACING WITH LONG POSTS, AS PER PLAN (WT: 36)	FT	625.000
0011	606E26151	ANCHOR ASSEMBLY, MGS TYPE E, AS PER PLAN, (NCHRP 350 OR MASH 2016) (WT: 36)	EACH	3.000
0012	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	2.000
Total	0001	ROADWAY (PART 1)		
Section	0002	EROSION CONTROL (PART 1)		
0013	659E10001	SEEDING AND MULCHING, AS PER PLAN (WT: 46)	SY	548.000

0014	832E30000	EROSION CONTROL (WT: 08)	EACH	6,000.000
Total	0002	EROSION CONTROL (PART 1)		
Section	0003	PAVEMENT (PART 1)		
0015	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	70.000
0016	304E20000	AGGREGATE BASE (WT: 09)	CY	168.000
0017	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	34.000
0018	422E11000	AGGREGATE, SINGLE CHIP SEAL, TYPE A (WT: 11)	SY	1,096.000
0019	423E00204	CRACK SEALING, TYPE II (WT: NR)	SY	21.000
Total	0003	PAVEMENT (PART 1)		
Section	0004	TRAFFIC CONTROL (PART 1)		
0020	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	14.000
Total	0004	TRAFFIC CONTROL (PART 1)		
Section	0005	RETAINING WALLS (001) (PART 1)		
0021	507E00400	STEEL PILES, MISC.: W14X82, FURNISHED (WT: NR)	FT	1,980.000
0022	524E94503	DRILLED SHAFTS, 24" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	1,562.000
0023	524E94505	DRILLED SHAFTS, 24" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	440.000
0024	524E95000	DRILLED SHAFTS, MISC.: PLUG PILE, 24" DIAMETER, UNREINFORCED (WT: 28)	FT	630.000
Total	0005	RETAINING WALLS (001) (PART 1)		
Section	0006	RETAINING WALLS (002) (PART 1)		
0025	202E98000	REMOVAL MISC.: PILING REMOVED (WT: NR)	LS	1.000
0026	507E00400	STEEL PILES, MISC.: HP12X63, FURNISHED (WT: NR)	FT	2,432.000
0027	524E94503	DRILLED SHAFTS, 24" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	1,710.000
0028	524E94505	DRILLED SHAFTS, 24" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	760.000
0029	524E95000	DRILLED SHAFTS, MISC.: PLUG PILE, 24" DIAMETER, UNREINFORCED (WT: 28)	FT	900.000
Total	0006	RETAINING WALLS (002) (PART 1)		
Section	0007	MAINTENANCE OF TRAFFIC (PART 1)		
0030	616E10000	WATER (WT: NR)	MGAL	5.000
Total	0007	MAINTENANCE OF TRAFFIC (PART 1)		
Section	0008	ROADWAY (PART 2)		

0031	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0032	202E23000	PAVEMENT REMOVED (WT: NR)	SY	174.000
0033	203E10000	EXCAVATION (WT: 06)	CY	68.000
0034	203E20000	EMBANKMENT (WT: 06)	CY	83.000
0035	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	365.000
0036	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	44.000
0037	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	22.000
0038	204E30040	GRANULAR MATERIAL, TYPE E (WT: 06)	CY	22.000
0039	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0040	606E15201	GUARDRAIL, TYPE MGS HALF POST SPACING WITH LONG POSTS, AS PER PLAN (WT: 36)	FT	237.500
0041	606E26151	ANCHOR ASSEMBLY, MGS TYPE E, AS PER PLAN, (NCHRP 350 OR MASH 2016) (WT: 36)	EACH	2.000
Total	0008	ROADWAY (PART 2)		
Section	0009	EROSION CONTROL (PART 2)		
0042	659E10001	SEEDING AND MULCHING, AS PER PLAN (WT: 46)	SY	312.000
0043	832E30000	EROSION CONTROL (WT: 08)	EACH	2,500.000
Total	0009	EROSION CONTROL (PART 2)		
Section	0010	PAVEMENT (PART 2)		
0044	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	23.000
0045	304E20000	AGGREGATE BASE (WT: 09)	CY	77.000
0046	407E10000	TACK COAT (WT: 10)	GAL	48.000
0047	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	26.000
0048	423E00204	CRACK SEALING, TYPE II (WT: NR)	SY	7.000
0049	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	26.000
0050	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	13.000
Total	0010	PAVEMENT (PART 2)		
Section	0011	TRAFFIC CONTROL (PART 2)		
0051	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	7.000
0052	642E00100	EDGE LINE, 4", TYPE 1 (WT: 45)	MILE	0.120
0053	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.060
Total	0011	TRAFFIC CONTROL (PART 2)		
Section	0012	RETAINING WALLS (001) (PART 2)		

0054	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 34)	LS	1.000
0055	503E22201	UNCLASSIFIED EXCAVATION, INCLUDING ROCK AND/OR SHALE, AS PER PLAN (WT: 34)	CY	241.000
0056	507E00400	STEEL PILES, MISC.: W16X67, FURNISHED (WT: NR)	FT	945.000
0057	511E46511	CLASS QC1 CONCRETE, FOOTING, AS PER PLAN (WT: 34)	CY	17.000
0058	511E81300	CONCRETE, MISC.: 8"x24"x57" PRECAST CONCRETE LAGGING (WT: 34)	EACH	89.000
0059	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 34)	CY	53.000
0060	524E94603	DRILLED SHAFTS, 30" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	675.000
0061	524E94605	DRILLED SHAFTS, 30" DIAMETER INTO BEDROCK, AS PER PLAN (WT: 28)	FT	270.000
<hr/>				
Total 0012		RETAINING WALLS (001) (PART 2)	<hr/>	
Section 0013		MAINTENANCE OF TRAFFIC (PART 2)	<hr/>	
0062	616E10000	WATER (WT: NR)	MGAL	5.000
Total 0013		MAINTENANCE OF TRAFFIC (PART 2)	<hr/>	
Section 0014		INCIDENTALS (PART 1 AND PART 2)	<hr/>	
0063	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0064	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0065	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0066	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0014		INCIDENTALS (PART 1 AND PART 2)		

Project Number: 218008

PID: 114216

Ross

SR 159-0.79 Signal Project

E210(059)

DBE Goal: 5.0%

Date Set for Completion: 10/29/2021

Type: SIGNALIZATION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF CHILLICOTHE, ROSS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY UPGRADING TRAFFIC SIGNALS, CONSTRUCTION OF A QUEUE DETECTION SYSTEM ON AN EXIT RAMP, AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	TRAFFIC CONTROL		
0001	630E87100	REMOVAL OF OVERHEAD MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0002	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.010
0003	644E00300	CENTER LINE (WT: 45)	MILE	0.090
0004	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	440.000
0005	644E00500	STOP LINE (WT: 45)	FT	120.000
0006	644E01300	LANE ARROW (WT: 45)	EACH	12.000
0007	644E01510	DOTTED LINE, 6" (WT: 45)	FT	200.000
0008	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	1,300.000
0009	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	12.000
Total	0001	TRAFFIC CONTROL		
Section	0002	TRAFFIC SIGNALS		
0010	625E32000	GROUND ROD (WT: 43)	EACH	2.000
0011	632E05006	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE (WT: 44)	EACH	5.000
0012	632E05006	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE (WITH BACKPLATES) (WT: 44)	EACH	7.000

0013	632E05086	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE (WT: 44)	EACH	2.000
0014	632E05086	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE (WITH BACKPLATES) (WT: 44)	EACH	2.000
0015	632E20730	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN (WT: 44)	EACH	2.000
0016	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	FT	400.000
0017	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,300.000
0018	632E62820	INTERCONNECT, MISC.:TWISTED PAIR INTERCONNECT CABLE (WT: 44)	EACH	1.000
0019	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, CABINET AND CONTROLLER (WT: 44)	EACH	1.000
0020	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: LOOP LEAD-IN CABLE (WT: 44)	EACH	2.000
0021	632E90400	SIGNALIZATION, MISC.:PROGRAM QUEUE FLUSH PLAN (WT: 44)	EACH	1.000
0022	632E90400	SIGNALIZATION, MISC.:QUEUE WARNING DETECTION SYSTEM (WT: 44)	EACH	1.000
0023	632E90500	SIGNALIZATION, MISC.: UNLASH & RELASH MESSENGER WIRE (WT: 44)	FT	650.000
0024	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	1.000
0025	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	2.000
0026	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0027	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
Total 0002		TRAFFIC SIGNALS		
Section 0003		MAINTENANCE OF TRAFFIC		
0028	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	50.000
0029	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	1.000
Total 0003		MAINTENANCE OF TRAFFIC		
Section 0004		INCIDENTALS		
0030	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0031	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000

0032	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	5.000
0033	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0004		INCIDENTALS		

Project Number: 218009

PID: 110114

Washington

SR 26-25.10

E201(237)

DBE Goal: 5.0%

Date Set for Completion: 10/15/2021

Type: SLIDE REPAIR

Plan Cost: \$0.00

FOR IMPROVING WAS-26-25.10 IN WASHINGTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CORRECTING A SLOPE FAILURE BY GRADING AND PLACEMENT OF DUMPED ROCK FILL.

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	202E98100	REMOVAL MISC.: PILE EXTRACTION (WT: NR)	EACH	8.000
0003	203E10000	EXCAVATION (WT: 06)	CY	1,744.000
0004	203E20000	EMBANKMENT (WT: 06)	CY	74.000
0005	203E35121	GRANULAR MATERIAL, TYPE C, AS PER PLAN-703.16 (WT: 06)	CY	214.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0006	601E27001	DUMPED ROCK FILL, TYPE C, AS PER PLAN (WT: 35)	CY	1,691.000
0007	601E28000	DUMPED ROCK FILL, TYPE D (WT: 35)	CY	305.000
0008	659E10000	SEEDING AND MULCHING (WT: 46)	SY	567.000
0009	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.080
0010	659E31000	LIME (WT: 46)	ACRE	0.120
0011	659E35000	WATER (WT: 46)	MGAL	2.000
0012	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0013	611E07201	18" CONDUIT, TYPE A, AS PER PLAN-706.02 (WT: 35)	FT	12.000

Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0014	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	31.000
0015	304E20000	AGGREGATE BASE (WT: 09)	CY	35.000
0016	407E10000	TACK COAT (WT: 10)	GAL	90.000
0017	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	55.000
0018	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	4.000
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0019	621E00100	RPM (WT: 41)	EACH	10.000
0020	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	13.000
0021	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.180
0022	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.090
Total 0005		TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0023	606E60012	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0024	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	83.000
0025	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	260.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section	0007	INCIDENTALS		
0026	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0027	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0028	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0029	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		

Office of Contracts

Change of Address Form

Please complete this form and return it to:

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

Old Address (For prompt service attach old label here)

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

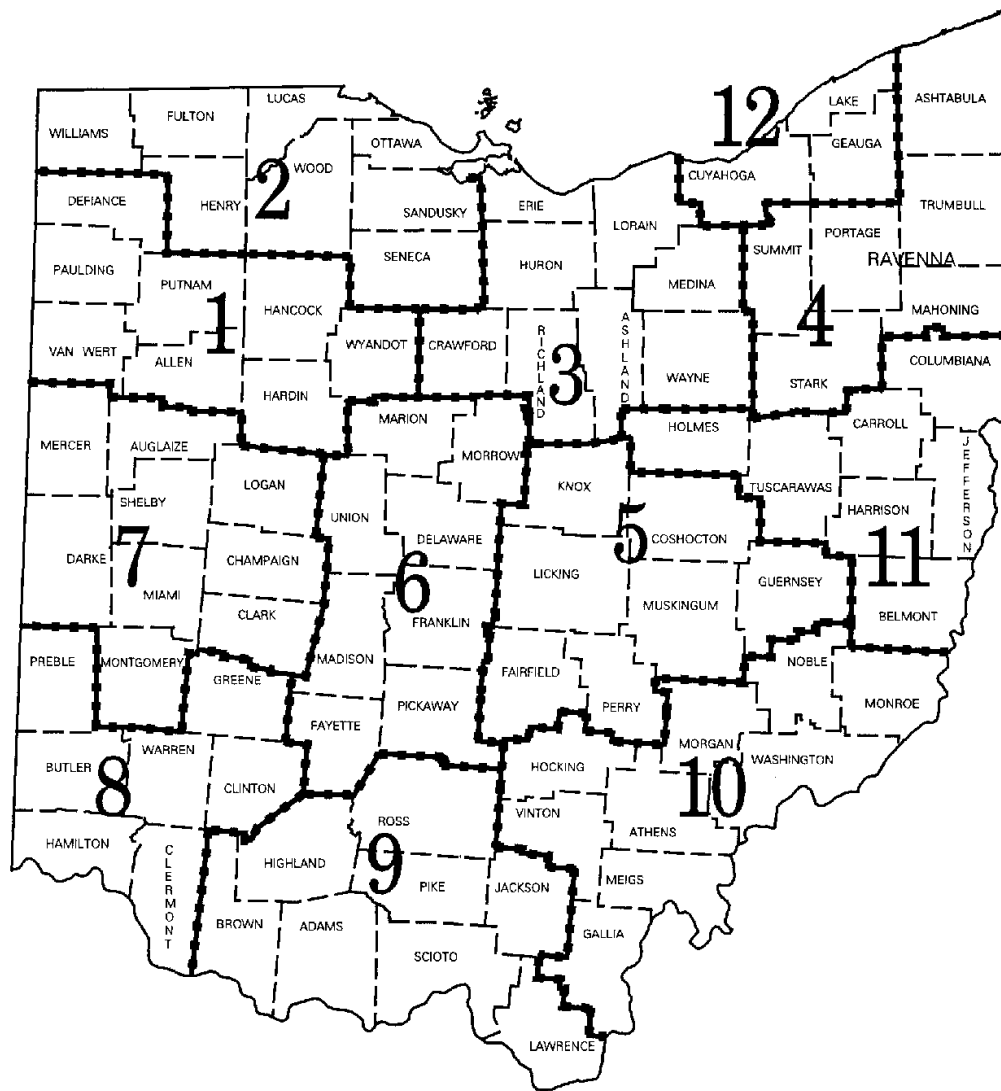
New Address (Print or Type PLEASE)

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

(Signature - Name and Title)

(Date)

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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	
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Central Office

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