

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
COLUMBUS, OHIO

**PROPOSED HIGHWAY
IMPROVEMENTS FOR CONTRACT
LETTING**

March 11, 2021

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See Back Cover for District Information

An Equal Opportunity Employer

Thursday, March 11, 2021

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ODOT = Ohio Department of Transportation

CFR = Code of Federal Regulations

O.R.C. = Ohio Revised Code

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

Project Number: 210119

PID: 101196

D01

HAN, PUT, WYA

BM FY21

E201(091)

DBE Goal: 9%

Date Set for Completion: 10/1/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

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

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	472.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0003	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0004	251E01020	PARTIAL DEPTH PAVEMENT REPAIR (442) (WT: 16)	SY	1,900.000
0005	253E01000	PAVEMENT REPAIR (WT: 16)	SY	200.000
0006	451E30000	SPECIAL - PRESSURE RELIEF JOINT, TYPE A (WT: 12)	FT	128.000
Total	0003	PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0100	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.040
0101	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.020
Total	0004	TRAFFIC CONTROL		
Section	0005	MAINTENANCE OF TRAFFIC		

0007	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	80.000
0102	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	3,200.000
0103	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0104	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	4.000
0105	614E13310	BARRIER REFLECTOR, TYPE 1, ONE WAY (WT: NR)	EACH	20.000
0106	614E13310	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	20.000
0107	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	20.000
0108	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	20.000
0109	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	1.400
0110	614E24402	WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	FT	3,100.000
0111	615E25001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B, AS PER PLAN (WT: 10)	SY	550.000
0112	618E40101	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN (WT: NR)	FT	5,400.000
0113	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	800.000
Total 0005 MAINTENANCE OF TRAFFIC				
Section	0006	STRUCTURE REPAIR (SFN 6900062)		
0008	516E01301	ELASTOMERIC STRIP SEAL WITHOUT STEEL EXTRUSIONS, AS PER PLAN (WT: 27)	FT	70.000
Total 0006 STRUCTURE REPAIR (SFN 6900062)				
Section	0007	STRUCTURE REPAIR (SFN 0200506)		
0009	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	31.000
0010	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	200.000
0011	519E12510	SPECIAL - PATCHING CONCRETE BRIDGE DECK (WT: NR)	SY	27.000
0012	842E10000	CORRECTING ELEVATION OF CONCRETE APPROACH SLABS WITH HIGH DENSITY POLYURETHANE (WT: 07)	LB	70.000
0013	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (WT: 29)	SF	75.000
Total 0007 STRUCTURE REPAIR (SFN 0200506)				
Section	0008	STRUCTURE REPAIR (SFN 8801630)		
0014	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000

0015	837E10000	LINER PIPE, 54" ID (707.11, 707.12, 707.33, 748.06, SS938) OR 54" OD (707.34) (WT: 35)	FT	472.000
0016	837E21000	BACKFILL FOR LINER PIPE (WT: 35)	FT	472.000
Total 0008		STRUCTURE REPAIR (SFN 8801630)		
Section	0009	STRUCTURE REPAIR (SFN 3200574)		
0017	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	134.000
0018	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	1,182.000
0019	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	158.000
0020	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	10.000
0021	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	442.000
0022	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	175.000
0023	519E11900	SPECIAL - PATCHING CONCRETE STRUCTURE, MISC.:ABUTMENT BACKWALL (WT: 29)	CY	6.000
0024	519E12510	SPECIAL - PATCHING CONCRETE BRIDGE DECK (WT: NR)	SY	40.000
0025	526E25001	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN (WT: 29)	SY	134.000
0026	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (WT: 29)	SF	50.000
Total 0009		STRUCTURE REPAIR (SFN 3200574)		
Section	0010	STRUCTURE REPAIR (SFN 3200604)		
0027	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	134.000
0028	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	1,182.000
0029	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	158.000
0030	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	15.000
0031	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	442.000
0032	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	320.000
0033	519E11900	SPECIAL - PATCHING CONCRETE STRUCTURE, MISC,: ABUTMENT BACKWALL (WT: 29)	CY	6.000
0034	519E12510	SPECIAL - PATCHING CONCRETE BRIDGE DECK (WT: NR)	SY	50.000

0035	526E25001	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN (WT: 29)	SY	134.000
0036	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (WT: 29)	SF	160.000
Total 0010		STRUCTURE REPAIR (SFN 3200604)		
Section	0011	STRUCTURE REPAIR (SFN 0202401)		
0037	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0038	511E21520	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	1.000
0039	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	1.000
0040	516E12301	STRIP SEAL EXPANSION JOINT ANCHORED WITH ELASTOMERIC CONCRETE, AS PER PLAN (WT: 27)	FT	28.000
Total 0011		STRUCTURE REPAIR (SFN 0202401)		
Section	0012	INCIDENTALS		
0041	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0042	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0043	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0012		INCIDENTALS		

Project Number: 210140

PID: 87660

Stark

SR 687-00.91

E180(810)

DBE Goal: 7%

Date Set for Completion: 6/30/2022

Type: TWO LANE RESURFACING

Plan Cost: N/A

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

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

0015	202E98100	REMOVAL MISC.: YARD LIGHT (WT: NR)	EACH	2.000
0016	202E98200	REMOVAL MISC.: PARTIAL BLOCK WALL (WT: NR)	FT	36.000
0017	202E98200	REMOVAL MISC.: STONE WALL (WT: NR)	FT	113.000
0018	203E10000	EXCAVATION (WT: 06)	CY	5,549.000
0019	203E20000	EMBANKMENT (WT: 06)	CY	2,525.000
0020	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	13,433.000
0021	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	1,573.000
0022	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	1,573.000
0023	204E45000	PROOF ROLLING (WT: NR)	HOUR	6.000
0024	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	2,168.000
0025	204E51000	GEOGRID (WT: 06)	SY	3,700.000
0026	623E40000	MONUMENT ASSEMBLY REMOVED AND RESET (WT: NR)	EACH	3.000
0027	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	4.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0028	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	4.000
0029	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	11.000
0030	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0031	659E00300	TOPSOIL (WT: 46)	CY	750.000
0032	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	6,768.000
0033	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	338.000
0034	659E15000	INTER-SEEDING (WT: 46)	SY	338.000
0035	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.950
0036	659E31000	LIME (WT: 46)	ACRE	1.400
0037	659E35000	WATER (WT: 46)	MGAL	38.000
0038	659E40000	MOWING (WT: 46)	MSF	16.000
0039	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0040	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0041	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0042	832E30000	EROSION CONTROL (WT: 08)	EACH	33,125.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			

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

0076	611E98450	CATCH BASIN, NO. 2-2A (WT: 35)	EACH	2.000
0077	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	7.000
0078	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	13.000
0079	611E99575	MANHOLE, NO. 3, AS PER PLAN (WT: 35)	EACH	1.000
0080	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	3.000
0081	895E10040	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 4 (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0082	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (3" TYPICAL, 5" MAXIMUM) (WT: 13)	SY	6,839.000
0083	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	1,504.000
0084	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	2,148.000
0085	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	2,132.000
0086	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22 (WT: 10)	CY	638.000
0087	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	992.000
0088	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	8.000
0089	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	420.000
0090	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	35.000
0091	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	4,733.000
0092	609E26000	CURB, TYPE 6 (WT: 38)	FT	677.000
Total 0004		PAVEMENT		
Section	0005	WATER WORK		
0093	638E00600	6" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS (WT: 35)	FT	17.000
0094	638E01201	8" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS, AS PER PLAN (WT: 35)	FT	44.000
0095	638E02401	12" WATERMAIN DUCTILE IRON PIPE ANSI CLASS 52, PUSH-ON JOINTS AND FITTINGS, AS PER PLAN (WT: 35)	FT	78.000
0096	638E06200	POLYETHYLENE ENCASEMENT (WT: 35)	FT	139.000

0097	638E07800	6" GATE VALVE AND VALVE BOX (WT: 35)	EACH	1.000
0098	638E08620	12" INSERTING VALVE AND VALVE BOX (WT: 35)	EACH	2.000
0099	638E09400	8" X 8" TAPPING SLEEVE, VALVE AND VALVE BOX (WT: 35)	EACH	1.000
0100	638E10200	6" FIRE HYDRANT (WT: 35)	EACH	1.000
0101	638E10300	FIRE HYDRANT EXTENDED AND ADJUSTED TO GRADE (WT: 35)	EACH	4.000
0102	638E10400	FIRE HYDRANT ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0103	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	15.000
0104	638E98000	WATER WORK, MISC.: 1" WATER SERVICE CONNECTION, LONG SIDE (WT: 35)	EACH	1.000
0105	638E98000	WATER WORK, MISC.: 1" WATER SERVICE CONNECTION, SHORT SIDE (WT: 35)	EACH	2.000
0106	638E98000	WATER WORK, MISC.: CUT-IN 1" CURB STOP AND BOX (WT: 35)	EACH	2.000
0107	638E98000	WATER WORK, MISC.: CUT-IN 3/4" CURB STOP AND BOX (WT: 35)	EACH	4.000
0108	638E98600	WATER WORK, MISC.: 8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C909 (WT: 35)	FT	470.000
Total 0005		WATER WORK		
Section 0006		SANITARY SEWER		
0109	611E00901	6" CONDUIT, TYPE B, AS PER PLAN (WT: 35)	FT	30.000
0110	611E01801	8" CONDUIT, TYPE B, AS PER PLAN (WT: 35)	FT	26.000
0111	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000
Total 0006		SANITARY SEWER		
Section 0007		LIGHTING		
0112	625E17960	BRACKET ARM, 8' (WT: 43)	EACH	4.000
0113	625E26250	LUMINAIRE, CONVENTIONAL TYPE II, LED, 200 W EQUIVALENT, 8,500 - 12,000 LUMENS (WT: 43)	EACH	4.000
0114	632E40300	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	640.000
Total 0007		LIGHTING		
Section 0008		TRAFFIC CONTROL		
0115	621E00100	RPM (WT: 41)	EACH	64.000
0116	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	586.000

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

Total 0008 TRAFFIC CONTROL

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

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

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

0193	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0011		INCIDENTALS		

Project Number: 210152
PID: 98903
Ashtabula
 US 20-21.86 (PART 1, PART 2, PART 3)
 E161(260)

DBE Goal: 8%

Date Set for Completion: 7/31/2022

Type: MINOR RECONSTRUCTION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF THE CITY OF CONNEAUT, OF ASHTABULA COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING THE FOLLOWING WORK ON US-20: REDUCING THE NUMBER OF LANES (FROM FOUR TO THREE)FOR 3/4 MILE SECTION; REPAIRING DETERIORATED ABUTMENTS AND APPROACHESFOR BRIDGE NO. ATB-CENTER-0000 (CENTER ROAD), AS WELL AS REMOVING AND INSTALLING WEARING SURFACE; REPLACING A SLAB BRIDGE ON SR-531 WITH A NEW CONCRETE BOX CULVERT; MILLING AND RESURFACING 4 MILES OF US-20, INCLUDING OTHER RELATED 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	1,062.000
0003	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	17,432.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	7,486.000
0005	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	169.000
0006	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	93.000
0007	202E35700	ASBESTOS PIPE REMOVED (WT: NR)	FT	489.000
0008	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	825.000
0009	202E42812	ANCHOR ASSEMBLY REMOVED FOR STORAGE, TYPE E (WT: NR)	EACH	2.000
0010	202E53101	MAILBOX REMOVED, AS PER PLAN (WT: NR)	EACH	46.000
0011	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	22.000
0012	202E70110	SPECIAL - PIPE CLEANOUT, 24" AND UNDER (WT: NR)	FT	330.000
0013	203E10000	EXCAVATION (WT: 06)	CY	4,624.000
0014	203E20000	EMBANKMENT (WT: 06)	CY	217.000
0015	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	18,665.000

0016	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	650.000
0017	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	650.000
0018	204E45000	PROOF ROLLING (WT: NR)	HOUR	7.000
0019	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	1,900.000
0020	253E01000	PAVEMENT REPAIR (WT: 16)	SY	93.000
0021	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	1,000.000
0022	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	2.000
0023	607E30000	FENCE, SNOW (WT: NR)	FT	30.000
0024	608E10000	4" CONCRETE WALK (WT: 38)	SF	305.000
0025	608E52000	CURB RAMP (WT: 38)	SF	317.000

Total 0001 ROADWAY (PART 1)

Section	0002	EROSION CONTROL (PART 1)		
0026	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0027	659E00300	TOPSOIL (WT: 46)	CY	1,104.000
0028	659E10000	SEEDING AND MULCHING (WT: 46)	SY	9,939.000
0029	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	497.000
0030	659E15000	INTER-SEEDING (WT: 46)	SY	497.000
0031	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.400
0032	659E31000	LIME (WT: 46)	ACRE	2.100
0033	659E35000	WATER (WT: 46)	MGAL	54.000
0034	659E40000	MOWING (WT: 46)	MSF	90.000
0035	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0036	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0037	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0038	832E30000	EROSION CONTROL (WT: 08)	EACH	73,413.000

Total 0002 EROSION CONTROL (PART 1)

Section	0003	DRAINAGE (PART 1)		
0039	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	100.000
0040	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	6,503.000
0041	605E31100	AGGREGATE DRAINS (WT: 35)	FT	50.000
0042	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	380.000
0043	611E03300	10" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	20.000

0044	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	999.000
0045	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	1,054.000
0046	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	30.000
0047	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	1,760.000
0048	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	26.000
0049	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	8.000
0050	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	19.000
0051	611E98370	CATCH BASIN, NO. 6 (WT: 35)	EACH	2.000
0052	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	1.000
0053	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	23.000
0054	611E99580	MANHOLE, NO. 3 WITH 84" BASE I.D. AND 6" WEIR (WT: 35)	EACH	1.000
0055	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	5.000
0056	895E10020	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 2 (WT: 35)	EACH	1.000
Total 0003		DRAINAGE (PART 1)		
Section 0004	PAVEMENT (PART 1)			
0057	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	921.000
0058	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	2,574.000
0059	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	3,108.000
0060	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	1,853.000
0061	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG70-22M (WT: 10)	CY	560.000
0062	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	751.000
0063	452E10060	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS WITH QC/QA (WT: 12)	SY	524.000
0064	452E12060	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS WITH QC/QA (WT: 12)	SY	266.000
0065	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	7,312.000
0066	609E26000	CURB, TYPE 6 (WT: 38)	FT	365.000
Total 0004		PAVEMENT (PART 1)		
Section 0005	WATER WORK (PART 1)			

0067	638E01804	10" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 53, PUSH-ON JOINTS AND FITTINGS (WT: 35)	FT	25.000
0068	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	10.000
0069	638E10900	SERVICE BOX ADJUSTED TO GRADE (WT: 35)	EACH	60.000
0070	638E98600	WATER WORK, MISC.: WATER SERVICE CONNECTION PIPE LOWERING (WT: 35)	FT	400.000
Total 0005 WATER WORK (PART 1)				
Section 0006 SANITARY SEWER (PART 1)				
0071	611E99651	MANHOLE FRAME AND COVER, AS PER PLAN (WT: 35)	EACH	4.000
0072	611E99661	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	4.000
Total 0006 SANITARY SEWER (PART 1)				
Section 0007 LIGHTING (PART 1)				
0073	625E75501	LIGHT POLE FOUNDATION REMOVED, AS PER PLAN (WT: NR)	EACH	1.000
Total 0007 LIGHTING (PART 1)				
Section 0008 OTHER UTILITIES (PART 1)				
0074	611E99700	SPECIAL - GAS VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	10.000
Total 0008 OTHER UTILITIES (PART 1)				
Section 0009 TRAFFIC CONTROL (PART 1)				
0075	621E00100	RPM (WT: 41)	EACH	131.000
0076	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	19.000
0077	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	506.000
0078	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	11.000
0079	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	281.000
0080	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	12.000
0081	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	8.000
0082	631E97700	SIGN LIGHTING MISC.: REFURBISH SIGN LIGHTING ASSEMBLY (WT: 43)	EACH	2.000
0083	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.110
0084	644E00300	CENTER LINE (WT: 45)	MILE	1.730
0085	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	431.000
0086	644E00500	STOP LINE (WT: 45)	FT	60.000

0087	644E01300	LANE ARROW (WT: 45)	EACH	20.000
0088	644E01350	LANE REDUCTION ARROW (WT: 45)	EACH	1.000
Total 0009		TRAFFIC CONTROL (PART 1)		
Section 0010	MAINTENANCE OF TRAFFIC (PART 1)			
0089	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	410.000
0090	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	50.000
0091	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
0092	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	21.000
0093	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	50.000
0094	614E13312	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	21.000
0095	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	21.000
0096	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	30.000
0097	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	1.700
0098	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	4.500
0099	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	90.000
0100	614E40051	BUSINESS ENTRANCE SIGN, AS PER PLAN (WT: 39)	EACH	6.000
0101	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 10)	LS	1.000
0102	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	250.000
0103	616E10000	WATER (WT: NR)	MGAL	100.000
Total 0010		MAINTENANCE OF TRAFFIC (PART 1)		
Section 0011	ROADWAY (PART 2)			
0104	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0105	202E23000	PAVEMENT REMOVED (WT: NR)	SY	27.000
0106	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	225.000
0107	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	3.000
0108	203E10000	EXCAVATION (WT: 06)	CY	11.000
0109	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	48.000
0110	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	63.000
0111	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	3.000

0112	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
Total 0011		ROADWAY (PART 2)		
Section	0012	EROSION CONTROL (PART 2)		
0113	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0012		EROSION CONTROL (PART 2)		
Section	0013	PAVEMENT (PART 2)		
0114	304E20000	AGGREGATE BASE (WT: 09)	CY	11.000
0115	407E10000	TACK COAT (WT: 10)	GAL	5.000
0116	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	72.000
0117	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG70-22M (WT: 10)	CY	2.000
0118	441E50301	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN, PG64- 22 (WT: 10)	CY	5.000
Total 0013		PAVEMENT (PART 2)		
Section	0014	STRUCTURE OVER 20 FOOT SPAN (SFN 0461296) (PART 2)		
0119	202E22901	APPROACH SLAB REMOVED, AS PER PLAN (WT: NR)	SY	23.000
0120	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	405.000
0121	202E38500	BRIDGE RAILING REMOVED (WT: NR)	FT	325.000
0122	407E10000	TACK COAT (WT: 10)	GAL	52.000
0123	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG70-22M (WT: 10)	CY	15.000
0124	441E50301	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN, PG64- 22 (WT: 10)	CY	27.000
0125	509E20000	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL (WT: 23)	LB	50.000
0126	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	104.000
0127	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	410.000
0128	516E31000	JOINT SEALER (WT: 27)	FT	24.000
0129	517E72307	RAILING (DEEP BEAM RAIL WITH STEEL TUBULAR BACKUP AND TYPE 2 STEEL POSTS), AS PER PLAN (WT: 36)	FT	325.000
0130	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 29)	FT	373.000

0131	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	68.000
0132	526E25001	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN (WT: 29)	SY	23.000
0133	530E00600	SPECIAL - STRUCTURES: STONE MASONRY REPAIR (WT: 29)	SF	249.000
0134	530E01100	SPECIAL - STRUCTURES: STONE MASONRY REPLACEMENT (WT: 29)	CY	2.000
0135	530E01300	SPECIAL - STRUCTURES: MASONRY REPOINTING (WT: 29)	FT	712.000
Total 0014 STRUCTURE OVER 20 FOOT SPAN (SFN 0461296) (PART 2)				
Section 0015 MAINTENANCE OF TRAFFIC (PART 2)				
0136	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	5.000
0137	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0138	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	5.000
0139	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000
0140	616E10000	WATER (WT: NR)	MGAL	10.000
Total 0015 MAINTENANCE OF TRAFFIC (PART 2)				
Section 0016 ROADWAY (PART 3)				
0141	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	72.000
0142	202E30000	WALK REMOVED (WT: NR)	SF	7,773.000
0143	202E32000	CURB REMOVED (WT: NR)	FT	172.000
0144	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	94.000
0145	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	1.000
0146	203E10000	EXCAVATION (WT: 06)	CY	84.000
0147	608E10000	4" CONCRETE WALK (WT: 38)	SF	1,815.000
0148	608E52000	CURB RAMP (WT: 38)	SF	5,903.000
0149	623E39501	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN (WT: NR)	EACH	21.000
0150	625E31600	PULL BOX, MISC.: ADJUSTED TO GRADE (WT: 43)	EACH	3.000
Total 0016 ROADWAY (PART 3)				
Section 0017 EROSION CONTROL (PART 3)				
0151	832E30000	EROSION CONTROL (WT: 08)	EACH	4,800.000
Total 0017 EROSION CONTROL (PART 3)				
Section 0018 DRAINAGE (PART 3)				
0152	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	6.000
0153	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	36.000

0154	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	1.000
0155	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	9.000
0156	611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	EACH	3.000
0157	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	6.000
0158	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	28.000
0159	611E99660	MANHOLE RECONSTRUCTED TO GRADE (WT: 35)	EACH	3.000
Total 0018		DRAINAGE (PART 3)		
Section	0019	PAVEMENT (PART 3)		
0160	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	2,000.000
0161	253E01000	PAVEMENT REPAIR (WT: 16)	SY	500.000
0162	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T = 3") (WT: 13)	SY	76,326.000
0163	304E20000	AGGREGATE BASE (WT: 09)	CY	84.000
0164	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	11,452.000
0165	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN(PG70-22M) (WT: 10)	CY	2,687.000
0166	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	3,711.000
0167	609E26000	CURB, TYPE 6 (WT: 38)	FT	152.000
Total 0019		PAVEMENT (PART 3)		
Section	0020	WATER WORK (PART 3)		
0168	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0169	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	22.000
Total 0020		WATER WORK (PART 3)		
Section	0021	TRAFFIC CONTROL (PART 3)		
0170	646E10100	LANE LINE, 4" (WT: 45)	MILE	3.040
0171	646E10200	CENTER LINE (WT: 45)	MILE	6.180
0172	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	808.000
0173	646E10400	STOP LINE (WT: 45)	FT	331.000
0174	646E10500	CROSSWALK LINE (WT: 45)	FT	1,170.000
0175	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	345.000
0176	646E20200	PARKING LOT STALL MARKING (WT: 45)	FT	246.000
0177	646E20300	LANE ARROW (WT: 45)	EACH	3.000
Total 0021		TRAFFIC CONTROL (PART 3)		

Section	0022	STRUCTURE REPAIR (ATB-531-2211) (PART 3)		
0178	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0179	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	LS	1.000
0180	202E30000	WALK REMOVED (WT: NR)	SF	243.000
0181	202E32000	CURB REMOVED (WT: NR)	FT	61.000
0182	203E10000	EXCAVATION (WT: 06)	CY	35.000
0183	203E35120	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	35.000
0184	203E40000	BORROW (WT: 06)	CY	10.000
0185	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	70.000
0186	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000
0187	503E21300	UNCLASSIFIED EXCAVATION (WT: 34)	LS	1.000
0188	509E10001	EPOXY COATED REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	7,949.000
0189	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	208.000
0190	511E34449	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET), AS PER PLAN (WT: 29)	CY	12.000
0191	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 29)	CY	18.000
0192	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 29)	CY	42.000
0193	511E53012	CLASS QC2 CONCRETE, MISC.: CAST-IN-PLACE JUNCTION (WT: 29)	CY	10.000
0194	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	137.000
0195	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	86.000
0196	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	34.000
0197	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	LS	1.000
0198	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	262.500
0199	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	4.000
0200	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	2.000
0201	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	2.000
0202	607E98000	FENCE, MISC.: WOODEN FENCE (WT: 37)	FT	77.000

0203	608E10000	4" CONCRETE WALK (WT: 38)	SF	623.000
0204	609E26000	CURB, TYPE 6 (WT: 38)	FT	61.000
0205	611E96201	12' X 10' CONDUIT, TYPE A, 706.05, AS PER PLAN (WT: 35)	FT	14.000
0206	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	8.000
0207	659E00300	TOPSOIL (WT: 46)	CY	15.000
0208	659E10000	SEEDING AND MULCHING (WT: 46)	SY	263.000
0209	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	7.000
0210	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.060
0211	659E31000	LIME (WT: 46)	ACRE	0.070
0212	659E35000	WATER (WT: 46)	MGAL	1.800

Total 0022 STRUCTURE REPAIR (ATB-531-2211) (PART 3)

Section	0023	MAINTENANCE OF TRAFFIC (PART 3)		
0213	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
0214	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	EACH	1.000
0215	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	2.000
0216	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0217	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	30.000
0218	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	50.000
0219	614E13310	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	10.000
0220	614E13360	OBJECT MARKER, TWO WAY (BIDIRECTIONAL) (WT: NR)	EACH	10.000
0221	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	8.000
0222	614E20000	WORK ZONE LANE LINE, CLASS I, 4" (WT: 39)	MILE	3.040
0223	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	6.080
0224	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	6.180
0225	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	12.360
0226	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	0.140
0227	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	808.000
0228	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	1,616.000

0229	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	391.000
0230	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	662.000
0231	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	350.000

Total 0023 MAINTENANCE OF TRAFFIC (PART 3)

Section	0024	INCIDENTALS (PART 1, PART 2, PART 3)		
0232	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0233	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0234	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	15.000
0235	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0236	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0024 INCIDENTALS (PART 1, PART 2, PART 3)

Project Number: 210153

PID: 106990

Belmont

US 250-07.65

E190(004)

DBE Goal: 5.0%

Date Set for Completion: 8/31/2021

Type: SLIDE REPAIR

Plan Cost: N/A

FOR IMPROVING A SECTION IN BELMONT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING A LANDSLIDE USING DRILLED SHAFTS AND CONCRETE LAGGING 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	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	258.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	6.000
0005	202E35101	PIPE REMOVED, 24" AND UNDER, AS PER PLAN (WT: NR)	FT	8.000
0006	202E38200	GUARDRAIL REMOVED FOR REUSE (WT: NR)	FT	225.000
0007	202E58101	CATCH BASIN REMOVED, AS PER PLAN (WT: NR)	EACH	1.000
0008	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT (WT: NR)	FT	39.000
0009	202E75000	FENCE REMOVED (WT: NR)	FT	423.000
0010	202E98200	REMOVAL MISC.:GUARDRAIL RETAINING WALL (WT: NR)	FT	40.000
0011	203E20000	EMBANKMENT (WT: 06)	CY	71.000
0012	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	330.000
0013	606E16750	GUARDRAIL REBUILT, TYPE MGS HALF POST SPACING (WT: 36)	FT	225.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		

0014	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	1.000
0015	659E00300	TOPSOIL (WT: 46)	CY	23.000
0016	659E10000	SEEDING AND MULCHING (WT: 46)	SY	208.000
0017	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.030
0018	659E31000	LIME (WT: 46)	ACRE	0.040
0019	659E35000	WATER (WT: 46)	MGAL	5.000
0020	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0021	611E01101	6" CONDUIT, TYPE C, AS PER PLAN, 707.45 (WT: 35)	FT	6.000
0022	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	6.000
0023	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	38.000
0024	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	16.000
0025	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	1.000
0026	611E98505	CATCH BASIN, NO. 2-2C, AS PER PLAN (WT: 35)	EACH	1.000
0027	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
0028	613E41201	LOW STRENGTH MORTAR BACKFILL, AS PER PLAN (WT: NR)	CY	1.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0029	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1 1/4" NOMINAL THICKNESS) (WT: 13)	SY	500.000
0030	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	75.000
0031	304E20000	AGGREGATE BASE (WT: 09)	CY	131.000
0032	407E10000	TACK COAT (WT: 10)	GAL	91.000
0033	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	28.000
0034	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	15.000
0035	609E26000	CURB, TYPE 6 (WT: 38)	FT	38.000
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0036	621E00100	RPM (WT: 41)	EACH	6.000

0037	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	6.000
0038	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	3.000
0039	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	41.000
0040	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	5.000
0041	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	5.000
0042	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	3.000
0043	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.100
0044	646E10200	CENTER LINE (WT: 45)	MILE	0.040

Total 0005 TRAFFIC CONTROL

Section	0006	MAINTENANCE OF TRAFFIC		
0045	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	120.000
0046	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL), 24" (WT: 39)	EACH	2.000
0047	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0048	614E12740	WORK ZONE LIGHTING SYSTEM (WT: 39)	EACH	2.000
0049	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	20.000
0050	614E13312	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	7.000
0051	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	7.000
0052	614E21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I (WT: 39)	MILE	0.180
0053	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	0.100
0054	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	26.000
0055	616E10000	WATER (WT: NR)	MGAL	10.000
0056	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	330.000

Total 0006 MAINTENANCE OF TRAFFIC

Section	0007	RETAINING WALLS (1004084)		
0057	503E21101	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 34)	CY	223.000
0058	507E00200	STEEL PILES HP12X53, FURNISHED (WT: 34)	FT	980.000
0059	511E46511	CLASS QC1 CONCRETE, FOOTING, AS PER PLAN (WT: 34)	CY	19.000

0060	511E71100	CONCRETE, MISC.: CAST-IN-PLACE CONCRETE LAGGING (WT: 34)	CY	1.000
0061	511E81300	CONCRETE, MISC.: 8"X24"X69" PRECAST CONCRETE LAGGING (WT: 34)	EACH	60.000
0062	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 34)	CY	47.000
0063	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	128.000
0064	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	11.000
0065	524E94503	DRILLED SHAFTS, 24" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	619.000
0066	524E94505	DRILLED SHAFTS, 24" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	210.000
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Total 0007		RETAINING WALLS (1004084)		
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Section 0008		INCIDENTALS		
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0067	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0068	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0069	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	3.000
0070	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0071	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

Project Number: 210154

PID: 105105

Butler

SR 129-00.00

E171(077)

DBE Goal: 7%

Date Set for Completion: 9/30/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGE OF MILLVILLE, BUTLER COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING AND RESURFACING EXISTING ASPHALT, MINOR STRUCTURE REPAIRS, AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,688.000
0002	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	18.000
0003	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	5.000
0004	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	2.000
0005	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	4.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	5.000
0007	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	1,238.000
0008	606E17360	GUARDRAIL, TYPE MGS, LONG-SPAN (WT: 36)	FT	100.000
0009	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, NCHRP 350/MASH 2016 (WT: 36)	EACH	23.000
0010	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	2.000
0011	606E35141	BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN (WT: 36)	EACH	5.000
Total	0001	ROADWAY		
Section	0002	PAVEMENT		
0012	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	18.000

0013	253E02000	PAVEMENT REPAIR (WT: 16)	CY	300.000
0014	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3" (WT: 13)	SY	118,468.000
0015	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	1,187.000
0016	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	17,771.000
0017	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	4,298.000
0018	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	5,759.000
0019	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0020	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	524.000
0021	617E25000	WATER (WT: NR)	MGAL	10.490
0022	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	3.000

Total 0002 PAVEMENT

Section 0003 TRAFFIC CONTROL

0023	621E00100	RPM (WT: 41)	EACH	626.000
0024	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	626.000
0025	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	32.000
0026	644E00104	EDGE LINE, 6" (WT: 45)	MILE	17.440
0027	644E00300	CENTER LINE (WT: 45)	MILE	8.740
0028	644E00500	STOP LINE (WT: 45)	FT	35.000
0029	644E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	2.000
0030	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.080
0031	646E10200	CENTER LINE (WT: 45)	MILE	0.020

Total 0003 TRAFFIC CONTROL

Section 0004 MAINTENANCE OF TRAFFIC

0032	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	8.760
0033	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	8.760
0034	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	17.520
0035	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	17.520
0036	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	35.000
0037	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	35.000

0038	614E32200	WORK ZONE RAILROAD SYMBOL MARKING, CLASS I, 642 PAINT (WT: 39)	EACH	2.000
0039	614E32210	WORK ZONE RAILROAD SYMBOL MARKING, CLASS III, 642 PAINT (WT: 39)	EACH	2.000
Total 0004		MAINTENANCE OF TRAFFIC		
Section 0005		STRUCTURE REPAIR (BUT-129-0739)		
0040	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	5.500
Total 0005		STRUCTURE REPAIR (BUT-129-0739)		
Section 0006		INCIDENTALS		
0041	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
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	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0045	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0006		INCIDENTALS		

Project Number: 210155

PID: 110423

Butler

SR 4-10.83

E191(435)

DBE Goal: 8.0%

Date Set for Completion: 10/15/2021

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING AN INTERSECTION IN BUTLER COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY ADDING ADDITIONAL TURN LANES WITH FULL DEPTH PAVEMENT, RESURFACING AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E20010	HEADWALL REMOVED (WT: NR)	EACH	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	2,140.000
0004	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	543.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	6.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	275.000
0007	202E75000	FENCE REMOVED (WT: NR)	FT	1,024.000
0008	203E10000	EXCAVATION (WT: 06)	CY	29,619.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	191.000
0010	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	5,157.000
0011	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	2,578.000
0012	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	2,578.000
0013	204E45000	PROOF ROLLING (WT: NR)	HOUR	3.000
0014	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	5,157.000
0015	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	150.000
0016	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	2.000
0017	607E15000	FENCE, TYPE 47 (WT: 37)	FT	1,009.000
0018	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
Total	0001	ROADWAY		

Section 0002		EROSION CONTROL		
0019	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	5.000
0020	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0021	659E00300	TOPSOIL (WT: 46)	CY	1,568.000
0022	659E10000	SEEDING AND MULCHING (WT: 46)	SY	14,124.000
0023	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	706.000
0024	659E15000	INTER-SEEDING (WT: 46)	SY	706.000
0025	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.990
0026	659E31000	LIME (WT: 46)	ACRE	2.920
0027	659E35000	WATER (WT: 46)	MGAL	79.000
0028	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	364.000
0029	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0030	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0031	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0032	832E30000	EROSION CONTROL (WT: 08)	EACH	40,000.000
Total 0002		EROSION CONTROL		
Section 0003		DRAINAGE		
0033	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.330
0034	605E11100	6" SHALLOW PIPE UNDERDRAINS (WT: 35)	FT	400.000
0035	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	50.000
0036	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	400.000
0037	605E31100	AGGREGATE DRAINS (WT: 35)	FT	365.000
0038	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	42.000
0039	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	20.000
0040	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	5.000
Total 0003		DRAINAGE		
Section 0004		PAVEMENT		
0041	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1 1/2" (WT: 13)	SY	22,462.000
0042	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	1,249.000
0043	304E20000	AGGREGATE BASE (WT: 09)	CY	859.000
0044	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	2,177.000

0045	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	1,141.000
0046	441E10200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446) (WT: 10)	CY	239.000
Total 0004		PAVEMENT		
Section	0005	WATER WORK		
0047	638E10401	FIRE HYDRANT ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	1.000
Total 0005		WATER WORK		
Section	0006	LIGHTING		
0048	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	8.000
0049	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	18.000
0050	625E10503	LIGHT POLE (INSTALLATION ONLY), AS PER PLAN (WT: 43)	EACH	2.000
0051	625E14000	LIGHT POLE FOUNDATION, 24" X 6' DEEP (WT: 43)	EACH	2.000
0052	625E23200	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	2,034.000
0053	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	537.000
0054	625E25504	CONDUIT, 3", 725.051 (WT: 43)	FT	150.000
0055	625E25908	CONDUIT, JACKED OR DRILLED, 725.052, 3" (WT: 43)	FT	119.000
0056	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, 120 VOLT (WT: 43)	EACH	4.000
0057	625E29002	TRENCH, 24" DEEP (WT: 43)	FT	150.000
0058	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	3.000
0059	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	2.000
0060	625E31510	PULL BOX REMOVED (WT: 43)	EACH	3.000
0061	625E32000	GROUND ROD (WT: 43)	EACH	2.000
0062	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	150.000
0063	625E75400	LIGHT POLE REMOVED (WT: NR)	EACH	2.000
0064	625E75500	LIGHT POLE FOUNDATION REMOVED (WT: NR)	EACH	2.000
0065	625E75506	LUMINAIRE REMOVED (WT: NR)	EACH	2.000
0066	625E75510	POWER SERVICE REMOVED (WT: NR)	EACH	1.000
0067	625E75800	DISCONNECT CIRCUIT (WT: NR)	EACH	1.000
Total 0006		LIGHTING		
Section	0007	TRAFFIC CONTROL		

0068	614E13312	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	5.000
0069	621E00100	RPM (WT: 41)	EACH	316.000
0070	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	271.000
0071	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	270.600
0072	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	74.800
0073	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	8.000
0074	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	7.000
0075	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	12.000
0076	644E00104	EDGE LINE, 6" (WT: 45)	MILE	1.260
0077	644E00204	LANE LINE, 6" (WT: 45)	MILE	0.680
0078	644E00300	CENTER LINE (WT: 45)	MILE	0.770
0079	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	4,156.000
0080	644E00500	STOP LINE (WT: 45)	FT	233.000
0081	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	387.000
0082	644E00720	CHEVRON MARKING (WT: 45)	FT	88.000
0083	644E00900	ISLAND MARKING (WT: 45)	SF	63.000
0084	644E01300	LANE ARROW (WT: 45)	EACH	67.000
0085	644E01350	LANE REDUCTION ARROW (WT: 45)	EACH	2.000
0086	644E01510	DOTTED LINE, 6" (WT: 45)	FT	947.000

Total 0007 TRAFFIC CONTROL

Section	0008	TRAFFIC SIGNALS		
0087	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	5.000
0088	625E25600	CONDUIT, 4", 725.04 (WT: 43)	FT	5.000
0089	625E29000	TRENCH (WT: 43)	FT	5.000
0090	625E32000	GROUND ROD (WT: 43)	EACH	5.000
0091	630E79000	SIGN HANGER ASSEMBLY, SPAN WIRE (WT: 42)	EACH	13.000
0092	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	98.800
0093	632E05006	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE (BLACK) (WT: 44)	EACH	8.000
0094	632E05086	VEHICULAR SIGNAL HEAD, (LED), 5- SECTION, 12" LENS, 1-WAY, POLYCARBONATE (BLACK) (WT: 44)	EACH	5.000

0095	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	13.000
0096	632E30400	MESSENGER WIRE, 7 STRAND, 1/2" DIAMETER WITH ACCESSORIES (WT: 44)	FT	550.000
0097	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	FT	550.000
0098	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,530.000
0099	632E64000	STRAIN POLE FOUNDATION (WT: 44)	EACH	4.000
0100	632E69900	SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	FT	90.000
0101	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0102	632E83600	STRAIN POLE, MISC.: COMBINATION STRAIN POLE, TYPE TC-81.11, DESIGN 14, INSTALLATION ONLY (WT: 44)	EACH	2.000
0103	632E86501	STRAIN POLE, TYPE TC-81.11, INSTALLATION ONLY, AS PER PLAN (DESIGN 14) (WT: 44)	EACH	2.000
0104	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	1.000
0105	633E65521	CABINET, TYPE 332, AS PER PLAN (WT: 44)	EACH	1.000
0106	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0107	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	1.000
0108	633E68510	COMMUNICATIONS (WT: 44)	EACH	1.000
0109	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0110	809E60000	CCTV IP-CAMERA SYSTEM, DOME-TYPE (WT: 44)	EACH	1.000
0111	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	3.000
0112	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0113	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
0114	815E30000	SPREAD SPECTRUM RADIO (WT: 44)	EACH	1.000
0115	815E30100	TRAINING FOR SPREAD SPECTRUM RADIO (WT: NR)	LS	1.000

Total 0008 TRAFFIC SIGNALS

Section 0009 MAINTENANCE OF TRAFFIC

0116	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
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0117	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	EACH	1.000
0118	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	6.000
0119	614E13310	BARRIER REFLECTOR, TYPE 1, ONE WAY (WT: NR)	EACH	56.000
0120	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	56.000
0121	614E20010	WORK ZONE LANE LINE, CLASS I, 6" (WT: 39)	MILE	0.270
0122	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.680
0123	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.560
0124	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.770
0125	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	1.180
0126	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	1.240
0127	614E23010	WORK ZONE CHANNELIZING LINE, CLASS I, 12" (WT: 39)	FT	2,421.000
0128	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	4,147.000
0129	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	306.000
0130	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	947.000
0131	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	69.000
0132	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	233.000
0133	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	50.000
0134	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	65.000
0135	614E32800	WORK ZONE ISLAND MARKING, CLASS III, 642 PAINT (WT: 39)	SF	63.000
0136	616E10000	WATER (WT: NR)	MGAL	110.000
0137	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	2,624.000
Total 0009 MAINTENANCE OF TRAFFIC				
Section	0010	INCIDENTALS		
0138	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0139	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0140	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	4.000
0141	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0142	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0010 INCIDENTALS

Project Number: 210156

PID: 107126

Butler

SR 73-22.55

E190(798)

DBE Goal: 7%

Date Set for Completion: 9/1/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF MIDDLETOWN, BUTLER COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING EXISTING ROADWAY, INSTALLING LOOP DETECTORS, AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	DRAINAGE		
0001	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	10.000
0002	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	2.000
Total	0001	DRAINAGE		
Section	0002	PAVEMENT		
0003	253E02001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	CY	1,500.000
0004	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (3") (WT: 13)	SY	135,616.000
0005	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	6,780.000
0006	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	13,562.000
0007	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	4,709.000
0008	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	6,593.000
0009	875E10000	LONGITUDINAL JOINT ADHESIVE (4ft/lb) (WT: 10)	LB	16,549.000
Total	0002	PAVEMENT		
Section	0003	WATER WORK		
0010	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
Total	0003	WATER WORK		
Section	0004	TRAFFIC CONTROL		
0011	621E00100	RPM (WT: 41)	EACH	552.000

0012	621E54001	RAISED PAVEMENT MARKER REMOVED, AS PER PLAN (WT: NR)	EACH	552.000
0013	644E00104	EDGE LINE, 6" (WT: 45)	MILE	10.570
0014	644E00200	LANE LINE, 4" (WT: 45)	MILE	7.000
0015	644E00300	CENTER LINE (WT: 45)	MILE	1.000
0016	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	4,992.000
0017	644E00500	STOP LINE (WT: 45)	FT	413.000
0018	644E00600	CROSSWALK LINE (WT: 45)	FT	382.000
0019	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	230.000
0020	644E01300	LANE ARROW (WT: 45)	EACH	52.000
0021	644E01510	DOTTED LINE, 6" (WT: 45)	FT	90.000
Total 0004		TRAFFIC CONTROL		
Section 0005	TRAFFIC SIGNALS			
0022	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	12.000
0023	632E27200	LOOP DETECTOR TIE IN (WT: 44)	EACH	12.000
Total 0005		TRAFFIC SIGNALS		
Section 0006	MAINTENANCE OF TRAFFIC			
0024	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	160.000
0025	614E20100	WORK ZONE LANE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	7.000
0026	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	7.000
0027	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	1.000
0028	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT (WT: 39)	MILE	1.000
0029	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	11.000
0030	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	11.000
0031	614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	4,992.000
0032	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	4,992.000
0033	614E24200	WORK ZONE DOTTED LINE, CLASS I, 4", 642 PAINT (WT: 39)	FT	90.000
0034	614E24610	WORK ZONE DOTTED LINE, CLASS III, 4", 642 PAINT (WT: 39)	FT	90.000
0035	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	413.000

0036	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	413.000
0037	614E27200	WORK ZONE CROSSWALK LINE, CLASS I, 642 PAINT (WT: 39)	FT	382.000
0038	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	382.000
0039	614E30200	WORK ZONE ARROW, CLASS I, 642 PAINT (WT: 39)	EACH	52.000
0040	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	52.000

Total 0006 MAINTENANCE OF TRAFFIC

Section 0007	INCIDENTALS			
0041	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0042	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0043	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0007 INCIDENTALS

Project Number: 210157

PID: 101100

Clark

SR-SR 54-06.01

E151(089)

DBE Goal: 7.0%

Date Set for Completion: 9/1/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY WITHIN THE VILLAGE OF CATAWBA AND PLEASANT TOWNSHIP, OF CLARK COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING A 2" OVERLAY ON THE EXISTING SURFACE ON STATE ROUTE 54 FROM SLM 6.01 TO SLM 11.75 (CHAMPAIGN COUNTY/CLARK COUNTY LINE), INCLUDING ALL RELATED ITEMS OF WORK.. PROJECT INCLUDES MILLING AND RESURFACING SR 54 THROUGH THE VILLAGE OF CATAWBA.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	898.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	1,039.000
0003	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	10.320
0004	608E10000	4" CONCRETE WALK (WT: 38)	SF	895.000
0005	608E53020	DETECTABLE WARNING (WT: 38)	SF	136.000
0006	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	40.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0007	659E00300	TOPSOIL (WT: 46)	CY	3.000
0008	659E10000	SEEDING AND MULCHING (WT: 46)	SY	18.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0009	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	3,000.000
0010	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1 1/4" Depth (WT: 13)	SY	446.000
0011	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2" Depth (WT: 13)	SY	8,353.000

0012	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, Variable Depth (0" to 1 1/4") (WT: 13)	SY	507.000
0013	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, Variable Depth (0" to 2") (WT: 13)	SY	290.000
0014	254E01601	PATCHING PLANED SURFACE, AS PER PLAN (WT: 16)	SY	25.000
0015	301E46001	ASPHALT CONCRETE BASE, PG64-22, AS PER PLAN (WT: 10)	CY	215.000
0016	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	11,762.000
0017	441E50100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (WT: 10)	CY	2,986.000
0018	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	1,739.000
0019	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	692.000
Total 0003		PAVEMENT		
Section	0004	WATER WORK		
0020	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	20.000
Total 0004		WATER WORK		
Section	0005	TRAFFIC CONTROL		
0021	621E00100	RPM (WT: 41)	EACH	334.000
0022	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	334.000
0023	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	11.400
0024	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	5.740
0025	644E00500	STOP LINE (WT: 45)	FT	42.000
Total 0005		TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0026	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	70.000
0027	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	12.060
0028	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	84.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section	0007	STRUCTURE REPAIR (CLA-54-0962)		
0029	516E31001	JOINT SEALER, AS PER PLAN, (1 1/4" Deep) (WT: 29)	FT	78.000
Total 0007		STRUCTURE REPAIR (CLA-54-0962)		
Section	0008	INCIDENTALS		
0030	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000

0031	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0032	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

Project Number: 210158

PID: 105393

Clermont

R Culverts FY21

E190(791)

DBE Goal: 5.0%

Date Set for Completion: 10/1/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS ON CLE/WAR-CULVERTS-FY21 IN CLERMONT AND WARREN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING NUMEROUS CULVERTS BY PATCHING, FIELD PAVING, APPLYING SPRAYLINER 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	202E11000	STRUCTURE REMOVED (WT: NR)	LS	1.000
0003	202E20010	HEADWALL REMOVED (WT: NR)	EACH	3.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	52.000
0005	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	50.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	162.000
0007	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	4.000
0008	202E70120	SPECIAL - PIPE CLEANOUT, 27" TO 48" (WT: NR)	FT	102.000
0009	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	94.000
0010	203E20000	EMBANKMENT (WT: 06)	CY	44.000
0011	203E35110	GRANULAR MATERIAL, TYPE B (WT: NR)	CY	2.800
0012	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 35)	LS	1.000
0013	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	375.000
0014	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, NCHRP 350 OR MASH 2016 (WT: 36)	EACH	3.000
0015	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000

0016	623E40520	RIGHT-OF-WAY MONUMENT (WT: NR)	EACH	16.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0017	601E11000	RIPRAP, TYPE D (WT: 35)	SY	6.400
0018	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	82.400
0019	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	3.500
0020	659E00300	TOPSOIL (WT: 46)	CY	414.000
0021	659E10000	SEEDING AND MULCHING (WT: 46)	SY	3,730.000
0022	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	24.000
0023	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.510
0024	659E31000	LIME (WT: 46)	ACRE	0.770
0025	659E35000	WATER (WT: 46)	MGAL	20.100
0026	832E30000	EROSION CONTROL (WT: 08)	EACH	6,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0027	602E20000	CONCRETE MASONRY (WT: 35)	CY	35.290
0028	602E20001	CONCRETE MASONRY, AS PER PLAN (WT: 35)	CY	0.300
0029	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	28.000
0030	611E08200	18" CONDUIT, TYPE F, 707.05 TYPE C OR 707.21 (WT: 35)	FT	22.000
0031	611E23600	60" CONDUIT, TYPE A, 707.01 ALUMINIZED, 706.02, 707.33 (WT: 35)	FT	47.000
0032	611E96550	FIELD PAVING OF EXISTING PIPE, 42" ROUND CMP (WT: 35)	FT	102.000
0033	611E96650	SPECIAL - GROUTING VOIDS AROUND CORRUGATED METAL PIPES (WT: 35)	CY	5.000
0034	611E98510	CATCH BASIN, NO. 2-3 (WT: 35)	EACH	1.000
0035	611E99920	DRAINAGE STRUCTURE, MISC., 2"x3/8" STEEL STRAPS (WT: 35)	LS	1.000
0036	833E12000	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, ARCH, 60"x54" THREE SIDED (WT: 35)	FT	28.000
0037	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (WT: 35)	SF	30.000
0038	899E10000	CURED-IN-PLACE PIPE LINER 24" CMP (WT: 35)	FT	46.000
0039	899E10000	CURED-IN-PLACE PIPE LINER, 36" CMP (WT: 35)	FT	118.000

Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0040	202E23000	PAVEMENT REMOVED (WT: NR)	SY	155.000
0041	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	155.000
0042	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.25" DEPTH (WT: 13)	SY	136.000
0043	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	34.000
0044	304E20000	AGGREGATE BASE (WT: 09)	CY	26.000
0045	407E10000	TACK COAT (WT: 10)	GAL	30.000
0046	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	18.000
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0047	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	40.000
0048	621E00100	RPM (WT: 41)	EACH	1.000
0049	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1.000
0050	626E00110	BARRIER REFLECTOR, TYPE 2 BIDIRECTIONAL (WT: NR)	EACH	4.000
0051	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.040
0052	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.020
Total 0005		TRAFFIC CONTROL		
Section	0006	STRUCTURE 20 FOOT SPAN AND UNDER (WAR-48-1682)		
0053	509E10000	EPOXY COATED REINFORCING STEEL (WT: 35)	LB	82.000
0054	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 35)	EACH	39.000
0055	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	29.000
Total 0006		STRUCTURE 20 FOOT SPAN AND UNDER (WAR-48-1682)		
Section	0007	INCIDENTALS		
0056	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0057	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0058	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0059	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		

Project Number: 210159
PID: 109597
Cuyahoga
Center Street Swing Bridge
E190(939)

DBE Goal: 6%

Date Set for Completion: 7/31/2022

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING CUY-CENTER STREET SWING BRIDGE IN CUYAHOGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RECONSTRUCTING THE CENTER STREET SWING BRIDGE BY DECK REPLACEMENT, TRUSS RIVER SPAN AND PIVOT PIER SPAN STRINGER REPLACEMENT, VARIOUS STRUCTURAL STEEL REHABILITATIONS, MECHANICAL AND ELECTRICAL REHABILITATION, PAINTING STRUCTURAL STEEL AND PERFORMING OTHER RELATED REPAIRS.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E30000	WALK REMOVED (WT: NR)	SF	516.000
0002	202E32000	CURB REMOVED (WT: NR)	FT	10.000
0003	202E32001	CURB REMOVED, AS PER PLAN (WT: NR)	FT	47.000
0004	202E98100	REMOVAL MISC.:BARRIER REMOVED (WT: NR)	EACH	2.000
0005	202E98100	REMOVAL MISC.:WOOD POST REMOVED (WT: NR)	EACH	2.000
0006	202E98200	REMOVAL MISC.:HAND RAIL REMOVED (WT: NR)	FT	14.000
0007	203E10000	EXCAVATION (WT: 06)	CY	10.000
0008	203E20000	EMBANKMENT (WT: 06)	CY	10.000
0009	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	85.000
0010	608E13001	6" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	516.000
0011	609E14001	CURB, TYPE 2-A, AS PER PLAN (WT: 38)	FT	47.000
0012	609E26000	CURB, TYPE 6 (WT: 38)	FT	10.000
0013	623E40900	MONUMENT, MISC.:MONUMENT REFERENCING (WT: NR)	EACH	3.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		

0014	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0015	659E00300	TOPSOIL (WT: 46)	CY	310.000
0016	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	2,775.000
0017	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	126.000
0018	659E15000	INTER-SEEDING (WT: 46)	SY	126.000
0019	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.350
0020	659E31000	LIME (WT: 46)	ACRE	0.520
0021	659E35000	WATER (WT: 46)	MGAL	13.980
0022	659E40000	MOWING (WT: 46)	MSF	23.000
0023	832E30001	EROSION CONTROL, AS PER PLAN (WT: 08)	EACH	7,500.000

Total 0002 EROSION CONTROL

Section 0003	ELECTRICAL			
0024	690E98400	SPECIAL - ELECTRICAL WORK - ELECTRICAL SPARE PARTS (WT: NR)	LS	1.000
0025	690E98400	SPECIAL - ELECTRICAL WORK - ELECTRICAL SPARE PARTS WARNING GATE (WT: NR)	LS	1.000
0026	690E98400	SPECIAL - ELECTRICAL WORK - END FLOORBEAM REPLACEMENT (WT: NR)	LS	1.000
0027	690E98400	SPECIAL - ELECTRICAL WORK - FINAL ACCEPTANCE TESTING (WT: NR)	LS	1.000
0028	690E98400	SPECIAL - ELECTRICAL WORK - INSTALL SIDEWALK LIGHTING (WT: NR)	LS	1.000
0029	690E98400	SPECIAL - ELECTRICAL WORK - REHABILITATE WEST MOTOR CONTROL CENTER (WT: NR)	LS	1.000
0030	690E98400	SPECIAL - ELECTRICAL WORK - RELOCATE TRANSFORMER (WT: NR)	LS	1.000
0031	690E98400	SPECIAL - ELECTRICAL WORK - REPLACE EAST MOTOR CONTROL CENTER (WT: NR)	LS	1.000
0032	690E98400	SPECIAL - ELECTRICAL WORK - REPLACE EAST TRAFFIC TREE (WT: NR)	LS	1.000
0033	690E98400	SPECIAL - ELECTRICAL WORK - REPLACE FIRE ALARM SYSTEM (WT: NR)	LS	1.000
0034	690E98400	SPECIAL - ELECTRICAL WORK - REPLACE HVAC UNIT (WT: NR)	LS	1.000
0035	690E98400	SPECIAL - ELECTRICAL WORK - REPLACE NAVIGATIONAL LIGHTS (WT: NR)	LS	1.000
0036	690E98400	SPECIAL - ELECTRICAL WORK - REPLACE PANELBOARDS (WT: NR)	LS	1.000
0037	690E98400	SPECIAL - ELECTRICAL WORK - REPLACE WARNING GATES (WT: NR)	LS	1.000

Total 0003 ELECTRICAL

Section 0004		TRAFFIC CONTROL		
0038	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	10.750
0039	630E86310	REMOVAL OF STRUCTURE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0040	630E97700	SIGNING, MISC.:REMOVAL OF BRIDGE/POST MOUNTED SIGN AND REERECTION (WT: 42)	EACH	4.000
0041	630E97700	SIGNING, MISC.:REMOVAL OF POST MOUNTED SIGN AND DISPOSAL (WT: 42)	EACH	4.000
0042	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.080
0043	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	12.000
Total 0004		TRAFFIC CONTROL		
Section 0005		MAINTENANCE OF TRAFFIC		
0044	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
0045	614E12421	DETOUR SIGNING, AS PER PLAN (WT: 39)	LS	1.000
0046	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	2.000
Total 0005		MAINTENANCE OF TRAFFIC		
Section 0006		STRUCTURE OVER 20 FOOT SPAN (SFN 1869345)		
0047	202E11305	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 19)	SY	1,028.000
0048	202E11401	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 19)	LB	71,324.000
0049	202E30601	CONCRETE MEDIAN REMOVED, AS PER PLAN (WT: NR)	SY	13.000
0050	202E38501	BRIDGE RAILING REMOVED, AS PER PLAN (WT: NR)	FT	124.000
0051	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	53.000
0052	513E10200	STRUCTURAL STEEL MEMBERS, LEVEL UF (WT: 22)	LB	3,738.000
0053	513E10261	STRUCTURAL STEEL MEMBERS, LEVEL 3, AS PER PLAN (WT: 22)	LB	65,164.000
0054	513E10320	STRUCTURAL STEEL MEMBERS, LEVEL 6 (WT: 22)	LB	24,833.000
0055	513E95030	STRUCTURAL STEEL, MISC.:CURB PLATE REPAIR (WT: 22)	EACH	4.000
0056	513E95030	STRUCTURAL STEEL, MISC.:INSTALL FLOORBEAM COVER PLATE (WT: 22)	EACH	8.000
0057	513E95030	STRUCTURAL STEEL, MISC.:STIFFENER REINFORCING PLATE (WT: 22)	EACH	6.000

0058	514E00101	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL, AS PER PLAN (WT: 26)	LS	1.000
0059	514E00201	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT, AS PER PLAN (WT: 26)	LS	1.000
0060	514E00301	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT, AS PER PLAN (WT: 26)	LS	1.000
0061	514E00401	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT, AS PER PLAN (WT: 26)	LS	1.000
0062	514E00504	GRINDING FINIS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	264.000
0063	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	61.000
0064	514E27800	FIELD PAINTING, MISC.:PAINTING OF EXISTING OPERATOR'S HOUSE (WT: 26)	LS	1.000
0065	516E14600	STRUCTURAL JOINT OR JOINT SEALER, MISC.:COMPRESSION JOINT SEAL REPLACEMENT (WT: 27)	FT	40.000
0066	516E15000	STRUCTURAL JOINT OR JOINT SEALER, MISC.:EAST ABUTMENT MEDIAN EXPANSION JOINT RETROFIT (WT: 27)	EACH	2.000
0067	516E47000	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE (WT: 22)	LS	1.000
0068	517E76300	RAILING, MISC.:EAST APPROACH NEW WYOMING RAIL (WT: 22)	FT	124.000
0069	519E10000	PATCHING CONCRETE BRIDGE DECK OVERLAY WITH MICRO-SILICA MODIFIED CONCRETE (WT: 29)	SY	1.000
0070	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	24.000
0071	530E00200	SPECIAL - STRUCTURES - COUNTERWEIGHT MODIFICATION (WT: 22)	LS	1.000
0072	530E00200	SPECIAL - STRUCTURES - WARNING GATE FOUNDATIONS (WT: 22)	LS	1.000
0073	530E00200	SPECIAL - STRUCTURES RELOCATE OPERATOR'S HOUSE STAIRS (WT: 22)	LS	1.000
0074	530E00400	SPECIAL - STRUCTURES - REPLACEMENT OF PIVOT PIER ENCLOSURE PANELS (WT: 22)	EACH	8.000
0075	530E00400	SPECIAL - STRUCTURES - REPLACEMENT OF STRUCTURAL FASTENER, AS DIRECTED BY ENGINEER (WT: 22)	EACH	100.000
0076	530E00600	SPECIAL - STRUCTURES - CONCRETE FILLED GRID STEEL ROADWAY DECK (WT: 22)	SF	2,790.000
0077	530E00600	SPECIAL - STRUCTURES - FIBERGLASS OPEN GRID DECK (WT: 22)	SF	2,754.000

0078	530E00600	SPECIAL - STRUCTURES - OPEN GRID STEEL ROADWAY DECK (WT: 22)	SF	3,146.000
0079	530E01300	SPECIAL - STRUCTURES - FIELD WELDING, AS DIRECTED BY ENGINEER (WT: 22)	FT	10.000
0080	609E72001	CONCRETE MEDIAN, AS PER PLAN (WT: 38)	SY	13.000
0081	690E91000	SPECIAL - AS-BUILT CONSTRUCTION PLANS (WT: NR)	LS	1.000
0082	847E30201	FULL DEPTH REPAIR, AS PER PLAN (WT: 29)	CY	23.000
0083	849E10000	DAMAGE ASSESSMENT (WT: 32)	LS	1.000
0084	849E10700	STRAIGHTENING DAMAGED MEMBERS (WT: 32)	LS	1.000
Total 0006		STRUCTURE OVER 20 FOOT SPAN (SFN 1869345)		
Section	0007	ITEMS OF WORK (MECHANICAL)		
0085	690E98400	SPECIAL - MECHANICAL WORK - CLEAN, PAINT, AND LUBRICATE ALL MECHANICAL COMPONENTS (WT: NR)	LS	1.000
0086	690E98400	SPECIAL - MECHANICAL WORK - END FLOORBEAM REPLACEMENT (WT: NR)	LS	1.000
0087	690E98400	SPECIAL - MECHANICAL WORK - MECHANICAL SPARE PARTS (WT: NR)	LS	1.000
0088	690E98400	SPECIAL - MECHANICAL WORK - REHABILITATE SPAN DRIVE MACHINERY (WT: NR)	LS	1.000
0089	690E98400	SPECIAL - MECHANICAL WORK - REHABILITATE SPAN SUPPORT MACHINERY (WT: NR)	LS	1.000
0090	690E98400	SPECIAL - MECHANICAL WORK - SPAN BALANCE (WT: NR)	LS	1.000
Total 0007		ITEMS OF WORK (MECHANICAL)		
Section	0008	INCIDENTALS		
0091	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0092	108E10000	CPM PROGRESS SCHEDULE (WT: NR)	LS	1.000
0093	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0094	619E16020	FIELD OFFICE, TYPE C (WT: NR)	MNTH	15.000
0095	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0096	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

Project Number: 210160

PID: 111262

D02

SAN, WOO

Local NHS Type A FY-21

E200(434)

DBE Goal: 5%

Date Set for Completion: 9/30/2021

Type: GUARDRAIL REBUILDING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN WOOD, LUCAS, AND SANDUSKY COUNTIES, IN OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING GUARDRAIL AND ANCHOR ASSEMBLIES, AND PERFORMING ALL RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E30701	CONCRETE BARRIER REMOVED, AS PER PLAN (WT: NR)	FT	80.000
0002	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	2,675.000
0003	202E42206	ANCHOR ASSEMBLY REMOVED (WT: NR)	EACH	42.000
0004	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	2.000
0005	209E15000	RESHAPING UNDER GUARDRAIL (WT: 06)	STA	48.000
0006	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	2,300.000
0007	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (WT: 36)	EACH	5.000
0008	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	24.000
0009	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	4.000
0010	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	1.000
0011	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0012	659E00300	TOPSOIL (WT: 46)	CY	237.000
0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,133.000
0014	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	107.000

0015	659E15000	INTER-SEEDING (WT: 46)	SY	107.000
0016	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.290
0017	659E35000	WATER (WT: 46)	MGAL	11.520
0018	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0019	304E20000	AGGREGATE BASE (WT: 09)	CY	5.000
Total	0003	PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0020	626E00116	BARRIER REFLECTOR, TYPE 5, BIDIRECTIONAL (WT: NR)	EACH	86.000
Total	0004	TRAFFIC CONTROL		
Section	0005	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	614E12421	DETOUR SIGNING, AS PER PLAN (WT: 39)	LS	1.000
0024	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0005	INCIDENTALS		

Project Number: 210161

PID: 100883

D09

BRO, JAC, LAW

Guardrail Project 2021

E201(233)

DBE Goal: 5%

Date Set for Completion: 9/30/2021

Type: GUARDRAIL REBUILDING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN ADAMS, BROWN, JACKSON, LAWRENCE, PIKE, ROSS, AND SCIOTO COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING GUARDRAIL END TREATMENTS, INSTALLING GUARDRAIL, AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	12,125.000
0003	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	485.000
0004	209E60201	LINEAR GRADING, AS PER PLAN (WT: 06)	STA	250.000
0005	209E70000	BORROW (WT: 06)	CY	4,935.000
0006	209E72001	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	STA	50.000
0007	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	12,487.000
0008	606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	EACH	487.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0009	659E10000	SEEDING AND MULCHING (WT: 46)	SY	45,708.000
0010	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	6,856.120
0011	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	6.420
0012	659E31000	LIME (WT: 46)	ACRE	9.840
0013	659E35000	WATER (WT: 46)	MGAL	142.740
0014	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		

Section 0003		PAVEMENT		
0015	441E50701	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL), AS PER PLAN (WT: 10)	CY	125.000
Total 0003		PAVEMENT		
Section 0004		TRAFFIC CONTROL		
0016	626E00112	BARRIER REFLECTOR, TYPE 3, BIDIRECTIONAL (WT: NR)	EACH	491.000
0017	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	100.000
0018	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	50.000
0019	630E86010	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION (WT: 42)	EACH	50.000
Total 0004		TRAFFIC CONTROL		
Section 0005		INCIDENTALS		
0020	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0021	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0022	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0023	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005		INCIDENTALS		

Project Number: 210162
PID: 113410
D10
GAL, MEG, WAS
R-WR Pavement Marking CY21
E210(074)

Date Set for Completion: 9/15/2021

Type: PAVEMENT MARKING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN ATHENS, GALLIA, MEIGS, AND WASHINGTON COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY APPLYING RECESSED WET REFLECTIVE EPOXY PAVEMENT MARKINGS AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	TRAFFIC CONTROL		
0001	807E12010	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	56.080
0002	807E12110	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	26.790
0003	807E12310	WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	22,030.000
0004	807E12410	WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	13,360.000
0005	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	79.930
0006	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	12,600.000
0007	850E10130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	20,938.000
0008	850E20010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	MILE	1.980
0009	850E20110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	215.000
0010	850E20130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	1,086.000
Total	0001	TRAFFIC CONTROL		
Section	0002	MAINTENANCE OF TRAFFIC		

0011	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	12.000
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Total 0002	MAINTENANCE OF TRAFFIC
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Section 0003	INCIDENTALS
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0012	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0013	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0014	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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Total 0003	INCIDENTALS
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Project Number: 210163
PID: 104623
Delaware
SR-SR 61-04.71 (at Wilson Rd)
E170(809)

DBE Goal: 8%

Date Set for Completion: 10/15/2021

Type: INTERSECTION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS WITHIN KINGSTON TOWNSHIP, OF DELAWARE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A PEANUT-SHAPED ROUNDABOUT AT THE INTERSECTION OF STATE ROUTE 61 AND WILSON ROAD/STATE ROUTE 656, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT ALSO INCLUDES REPLACING 2 CULVERTS, REALIGNING THE VERTICAL CURVE ON STATE ROUTE 61 NORTH OF THE ROUNDABOUT, AND REMOVING A GARAGE.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E11000	STRUCTURE REMOVED (WT: 19)	LS	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	7,918.000
0004	202E30204	STEPS REMOVED (WT: NR)	LS	1.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	610.000
0006	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	57.000
0007	202E53100	MAILBOX REMOVED (WT: NR)	EACH	3.000
0008	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	3.000
0009	202E60010	MONUMENT ASSEMBLY REMOVED (WT: NR)	EACH	1.000
0010	202E98000	REMOVAL MISC.: STONE GARAGE AND STONE WALL (WT: NR)	LS	1.000
0011	202E98100	REMOVAL MISC.: WATER WELL ABANDONED (WT: NR)	EACH	1.000
0012	203E10000	EXCAVATION (WT: 06)	CY	15,710.000
0013	203E20000	EMBANKMENT (WT: 06)	CY	7,498.000
0014	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	12,052.000
0015	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	1,230.000
0016	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	1,230.000
0017	204E45000	PROOF ROLLING (WT: NR)	HOUR	5.000

0018	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	2,950.000
0019	204E51000	GEOGRID (WT: 06)	SY	738.000
0020	608E10000	4" CONCRETE WALK (WT: 38)	SF	1,343.000
0021	608E53020	DETECTABLE WARNING (WT: 38)	SF	163.000
0022	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	1.000
0023	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	3.000
0024	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0025	601E11000	RIPRAP, TYPE D (WT: 35)	SY	5.000
0026	601E11001	RIPRAP, TYPE D, AS PER PLAN (WT: 35)	SY	6.000
0027	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	12.000
0028	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	24.000
0029	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	5.000
0030	659E00300	TOPSOIL (WT: 46)	CY	2,409.000
0031	659E10000	SEEDING AND MULCHING (WT: 46)	SY	20,169.000
0032	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	1,008.000
0033	659E15000	INTER-SEEDING (WT: 46)	SY	1,008.000
0034	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	2.720
0035	659E31000	LIME (WT: 46)	ACRE	4.170
0036	659E35000	WATER (WT: 46)	MGAL	109.000
0037	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	1,248.000
0038	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0039	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0040	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0041	832E30000	EROSION CONTROL (WT: 08)	EACH	62,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0042	602E20000	CONCRETE MASONRY (WT: 35)	CY	6.000
0043	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	735.000
0044	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	3,969.000

0045	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	105.000
0046	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	10.000
0047	611E01500	6" CONDUIT, TYPE F, FOR DRAINAGE CONNECTION (WT: 35)	FT	50.000
0048	611E01800	8" CONDUIT, TYPE B (WT: 35)	FT	50.000
0049	611E02500	8" CONDUIT, TYPE E, FOR DRAINAGE CONNECTION (WT: 35)	FT	50.000
0050	611E03600	10" CONDUIT, TYPE E (WT: 35)	FT	50.000
0051	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	242.000
0052	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	32.000
0053	611E04600	12" CONDUIT, TYPE C, FOR DRAINAGE CONNECTION (WT: 35)	FT	50.000
0054	611E04900	12" CONDUIT, TYPE D, 706.01 OR 706.02 (WT: 35)	FT	82.000
0055	611E04900	12" CONDUIT, TYPE D, 706.02 (WT: 35)	FT	42.000
0056	611E05200	12" CONDUIT, TYPE F (WT: 35)	FT	50.000
0057	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	28.000
0058	611E20700	48" CONDUIT, TYPE A, 706.02 (WT: 35)	FT	136.000
0059	611E53200	48" X 76" CONDUIT, TYPE A, 706.04 (WT: 35)	FT	92.000
0060	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	4.000
0061	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	5.000
0062	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	6.000

Total 0003 DRAINAGE

Section	0004	PAVEMENT		
0063	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3.0" (WT: 13)	SY	16.000
0064	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	2,507.000
0065	304E20000	AGGREGATE BASE (WT: 09)	CY	2,945.000
0066	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	11.000
0067	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	1,644.000
0068	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	345.000
0069	441E10200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446) (WT: 10)	CY	479.000
0070	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	210.000
0071	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	900.000

0072	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	1,224.000
0073	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	3,389.000
0074	609E24510	CURB, TYPE 4-C (WT: 38)	FT	2,052.000
0075	609E26000	CURB, TYPE 6 (WT: 38)	FT	811.000
0076	609E31000	COMBINATION CURB AND GUTTER, TYPE 9 (WT: 38)	FT	810.000
0077	609E70000	4" CONCRETE MEDIAN (WT: 38)	SY	926.000
Total 0004		PAVEMENT		
Section	0005	LIGHTING		
0078	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	30.000
0079	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	18.000
0080	625E10490	LIGHT POLE, CONVENTIONAL, AT12B40 (WT: 43)	EACH	10.000
0081	625E14100	LIGHT POLE FOUNDATION, 24" X 8' DEEP (WT: 43)	EACH	10.000
0082	625E23200	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	708.000
0083	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	1,410.000
0084	625E24320	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES (WT: 43)	FT	1,058.000
0085	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 3" (WT: 43)	FT	196.000
0086	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-II, LED, 15000-16300 LUMENS (WT: 43)	EACH	10.000
0087	625E29002	TRENCH, 24" DEEP (WT: 43)	FT	918.000
0088	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	7.000
0089	625E32000	GROUND ROD (WT: 43)	EACH	10.000
0090	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	1.000
0091	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	918.000
0092	625E76000	ARC FLASH CALCULATIONS AND LABEL, HIGHWAY LIGHTING (WT: NR)	EACH	1.000
Total 0005		LIGHTING		
Section	0006	TRAFFIC CONTROL		
0093	621E00100	RPM (WT: 41)	EACH	31.000
0094	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	195.000

0095	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	390.000
0096	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	8.000
0097	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	252.700
0098	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	18.000
0099	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0100	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	18.000
0101	630E86010	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION (WT: 42)	EACH	3.000
0102	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.490
0103	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.810
0104	644E00300	CENTER LINE (WT: 45)	MILE	0.330
0105	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	244.000
0106	644E01510	DOTTED LINE, 6" (WT: 45)	FT	158.000
0107	647E20960	YIELD LINE, TYPE A90 (WT: 45)	FT	64.000
Total 0006		TRAFFIC CONTROL		
Section	0007	LANDSCAPING		
0108	653E10000	TOPSOIL FURNISHED AND PLACED (WT: 46)	CY	116.000
0109	661E30070	EVERGREEN SHRUB, 2.5' HEIGHT (JUNIPERUS CHINENSIS 'SEA GREEN') (WT: 46)	EACH	6.000
0110	662E31000	LANDSCAPE WATERING (WT: 46)	GAL	1.000
Total 0007		LANDSCAPING		
Section	0008	MAINTENANCE OF TRAFFIC		
0111	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	32.000
0112	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0113	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	40.000
0114	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	16.000
0115	616E10000	WATER (WT: NR)	MGAL	22.000
0116	617E25000	WATER (WT: NR)	MGAL	1.000
Total 0008		MAINTENANCE OF TRAFFIC		
Section	0009	INCIDENTALS		
0117	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000

0118	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0119	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	4.000
0120	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0121	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0009		INCIDENTALS		

Project Number: 210164

PID: 101445

Erie

SR 60-08.98

E170(630)

DBE Goal: 6.0%

Date Set for Completion: 5/31/2022

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF VERMILION, IN ERIE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PAVEMENT REPAIRS, RESURFACING ASPHALT PAVEMENT, APPLYING PAVEMENT MARKINGS, AND PERFORMING MINOR STRUCTURE REPAIRS.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E30000	WALK REMOVED (WT: NR)	SF	2,545.000
0002	202E32000	CURB REMOVED (WT: NR)	FT	385.000
0003	209E60501	LINEAR GRADING, AS PER PLAN (WT: 06)	MILE	1.150
0004	608E52000	CURB RAMP (WT: 38)	SF	2,545.000
0005	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	5.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0006	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0007	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	15.000
0008	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	33.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0009	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (LONGITUDINAL) (WT: 16)	CY	262.000
0010	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (TRANSVERSE) (WT: 16)	CY	131.000

0011	253E02000	PAVEMENT REPAIR (LONGITUDINAL) (WT: 16)	CY	33.000
0012	253E02000	PAVEMENT REPAIR (TRANSVERSE) (WT: 16)	CY	17.000
0013	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.50 INCH) (WT: 13)	SY	62,634.000
0014	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	312.000
0015	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	5,024.000
0016	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	612.000
0017	442E00201	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446), AS PER PLAN (PG 64-22) (WT: 10)	CY	2,619.000
0018	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	85.000
0019	617E20000	SHOULDER PREPARATION (WT: 06)	SY	1,529.000
Total 0004		PAVEMENT		
Section 0005		WATER WORK		
0020	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	22.000
Total 0005		WATER WORK		
Section 0006		TRAFFIC CONTROL		
0021	646E10200	CENTER LINE (WT: 45)	MILE	0.050
0022	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	288.000
0023	646E20300	LANE ARROW (WT: 45)	EACH	3.000
Total 0006		TRAFFIC CONTROL		
Section 0007		TRAFFIC CONTROL ALTERNATES (A)		
0024	AA1 642E00104	EDGE LINE, 6", TYPE 1 (ALTERNATE 1) (WT: 45)	MILE	1.320
0025	AA1 642E00204	LANE LINE, 6", TYPE 1 (ALTERNATE 1) (WT: 45)	MILE	1.920
0026	AA1 642E00300	CENTER LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	MILE	1.180
0027	AA1 642E00400	CHANNELIZING LINE, 8", TYPE 1 (ALTERNATE 1) (WT: 45)	FT	2,250.000
0028	AA1 642E00500	STOP LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	FT	272.000
0029	AA1 642E00600	CROSSWALK LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	FT	1,795.000
0030	AA1 642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	FT	144.000
0031	AA1 642E00900	ISLAND MARKING, TYPE 1 (ALTERNATE 1) (WT: 45)	SF	84.000
0032	AA1 642E01200	PARKING LOT STALL MARKING, TYPE 1 (ALTERNATE 1) (WT: 45)	FT	1,362.000
0033	AA1 642E01300	LANE ARROW, TYPE 1 (ALTERNATE 1) (WT: 45)	EACH	20.000

0034	AA2	644E00104	EDGE LINE, 6" (ALTERNATE 2) (WT: 45)	MILE	1.320
0035	AA2	644E00204	LANE LINE, 6" (ALTERNATE 2) (WT: 45)	MILE	1.920
0036	AA2	644E00300	CENTER LINE (ALTERNATE 2) (WT: 45)	MILE	1.180
0037	AA2	644E00400	CHANNELIZING LINE, 8" (ALTERNATE 2) (WT: 45)	FT	2,250.000
0038	AA2	644E00500	STOP LINE (ALTERNATE 2) (WT: 45)	FT	272.000
0039	AA2	644E00600	CROSSWALK LINE (ALTERNATE 2) (WT: 45)	FT	1,795.000
0040	AA2	644E00700	TRANSVERSE/DIAGONAL LINE (ALTERNATE 2) (WT: 45)	FT	144.000
0041	AA2	644E00900	ISLAND MARKING (ALTERNATE 2) (WT: 45)	SF	84.000
0042	AA2	644E01200	PARKING LOT STALL MARKING (ALTERNATE 2) (WT: 45)	FT	1,362.000
0043	AA2	644E01300	LANE ARROW (ALTERNATE 2) (WT: 45)	EACH	20.000
Total 0007 TRAFFIC CONTROL ALTERNATES (A)					
Section 0008 TRAFFIC CONTROL ALTERNATES (B)					
0044	AB1	642E00104	EDGE LINE, 6", TYPE 1 (ALTERNATE 1) (WT: 45)	MILE	0.740
0045	AB1	642E00300	CENTER LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	MILE	0.880
0046	AB1	642E00500	STOP LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	FT	96.000
0047	AB1	642E00600	CROSSWALK LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	FT	513.000
0048	AB1	642E01000	RAILROAD SYMBOL MARKING, TYPE 1 (ALTERNATE 1) (WT: 45)	EACH	4.000
0049	AB1	642E01110	SCHOOL SYMBOL MARKING, 96", TYPE 1 (ALTERNATE 1) (WT: 45)	EACH	1.000
0050	AB1	642E01200	PARKING LOT STALL MARKING, TYPE 1 (ALTERNATE 1) (WT: 45)	FT	262.000
0051	AB2	644E00104	EDGE LINE, 6" (ALTERNATE 2) (WT: 45)	MILE	0.740
0052	AB2	644E00300	CENTER LINE (ALTERNATE 2) (WT: 45)	MILE	0.880
0053	AB2	644E00500	STOP LINE (ALTERNATE 2) (WT: 45)	FT	96.000
0054	AB2	644E00600	CROSSWALK LINE (ALTERNATE 2) (WT: 45)	FT	513.000
0055	AB2	644E01000	RAILROAD SYMBOL MARKING (ALTERNATE 2) (WT: 45)	EACH	4.000
0056	AB2	644E01110	SCHOOL SYMBOL MARKING, 96" (ALTERNATE 2) (WT: 45)	EACH	1.000
0057	AB2	644E01200	PARKING LOT STALL MARKING (ALTERNATE 2) (WT: 45)	FT	262.000
Total 0008 TRAFFIC CONTROL ALTERNATES (B)					
Section 0009 TRAFFIC SIGNALS					
0058		632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	1.000

Total 0009		TRAFFIC SIGNALS		
Section	0010	MAINTENANCE OF TRAFFIC		
0059	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	200.000
0060	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0061	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	4.000
0062	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	25.000
0063	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	12.000
0064	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	3.840
0065	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	4.220
0066	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	5,076.000
0067	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	704.000
Total 0010		MAINTENANCE OF TRAFFIC		
Section	0011	STRUCTURE REPAIR (ERI-6-28.93)		
0068	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0069	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	253.000
0070	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	175.000
0071	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	3.000
0072	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 29)	CY	2.000
0073	516E10901	ELASTOMERIC COMPRESSION SEAL, AS PER PLAN (WT: 27)	FT	50.000
0074	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	52.000
Total 0011		STRUCTURE REPAIR (ERI-6-28.93)		
Section	0012	INCIDENTALS		
0075	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0076	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000

0077	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0078	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	13.000
0079	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0080	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0012		INCIDENTALS		

Project Number: 210165

PID: 108150

Franklin

US 40-22.43

E191(774)

DBE Goal: 7%

Date Set for Completion: 10/15/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING A SECTION OF THE CITIES OF COLUMBUS AND REYNOLDSBURG, OF TRURO TOWNSHIP, OF FRANKLIN COUNTY, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING AND RESURFACING 2.44 MILES OF US-40 FROM THE INTERSECTION OF MINOR DRIVE UNTIL THE LICKING COUNTY LINE, INCLUDING OTHER RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	209E60500	LINEAR GRADING (WT: 06)	MILE	1.030
0002	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	4.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0003	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0004	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	4.000
0005	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	4.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0006	251E01041	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN (WT: 16)	SY	100.000
0007	253E02000	PAVEMENT REPAIR (WT: 16)	CY	50.000
0008	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.50" DEPTH (WT: 13)	SY	75,690.000
0009	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3.00" (WT: 13)	SY	2,220.000

0010	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	6,744.000
0011	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	3,154.000
0012	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76- 22M BINDER (WT: 10)	CY	185.000
0013	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	122.000
0014	617E25000	WATER (WT: NR)	MGAL	2.000
Total	0004	PAVEMENT		
Section	0005	WATER WORK		
0015	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	4.000
Total	0005	WATER WORK		
Section	0006	TRAFFIC CONTROL		
0016	644E00100	EDGE LINE, 4" (WT: 45)	MILE	1.780
0017	644E00200	LANE LINE, 4" (WT: 45)	MILE	4.320
0018	644E00300	CENTER LINE (WT: 45)	MILE	3.130
0019	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	2,325.000
0020	644E00500	STOP LINE (WT: 45)	FT	608.000
0021	644E00600	CROSSWALK LINE (WT: 45)	FT	2,657.000
0022	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	610.000
0023	644E01300	LANE ARROW (WT: 45)	EACH	72.000
0024	644E01400	WORD ON PAVEMENT, 72" (WT: 45)	EACH	15.000
Total	0006	TRAFFIC CONTROL		
Section	0007	TRAFFIC SIGNALS		
0025	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	24.000
0026	632E27200	LOOP DETECTOR TIE IN (WT: 44)	EACH	24.000
Total	0007	TRAFFIC SIGNALS		
Section	0008	MAINTENANCE OF TRAFFIC		
0027	614E11111	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE, AS PER PLAN (WT: 39)	hour	144.000
0028	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	4.320
0029	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	3.130
0030	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	1.780
0031	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	2,325.000

0032	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	608.000
0033	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	2,657.000
0034	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	72.000
0035	614E31620	WORK ZONE WORD ON PAVEMENT, 72", CLASS III, 642 PAINT (WT: 39)	EACH	15.000

Total 0008 MAINTENANCE OF TRAFFIC

Section 0009	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	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0039	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0009 INCIDENTALS

Project Number: 210166

PID: 107256

Gallia

US 35-13.07

E190(893)

DBE Goal: 5%

Date Set for Completion: 7/1/2021

Type: SLIDE REPAIR

Plan Cost: N/A

FOR IMPROVING A SECTION IN GALLIA COUNTY, OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING A LANDSLIDE WITH A DRILLED SHAFT RETAINING WALL 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	317.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	33.000
0005	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	300.000
0006	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	348.000
0007	204E45000	PROOF ROLLING (WT: NR)	HOUR	0.500
0008	209E15000	RESHAPING UNDER GUARDRAIL (WT: 06)	STA	1.000
0009	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	375.000
0010	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0011	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	2.000
0012	659E10000	SEEDING AND MULCHING (WT: 46)	SY	926.000
0013	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.120
0014	659E31000	LIME (WT: 46)	ACRE	0.200
0015	659E35000	WATER (WT: 46)	MGAL	5.000
0016	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
Total	0002	EROSION CONTROL		

Section 0003		DRAINAGE			
0017	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.300	
0018	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	28.000	
Total 0003		DRAINAGE			
Section 0004		PAVEMENT			
0019	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	74.000	
0020	304E20000	AGGREGATE BASE (WT: 09)	CY	60.000	
0021	407E10000	TACK COAT (WT: 10)	GAL	16.000	
0022	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	26.000	
0023	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	285.000	
Total 0004		PAVEMENT			
Section 0005		TRAFFIC CONTROL			
0024	621E00300	RPM REFLECTOR (WT: 41)	EACH	20.000	
0025	626E00110	BARRIER REFLECTOR, TYPE 2 , ONE WAY (WT: NR)	EACH	4.000	
0026	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	15.000	
0027	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	9.000	
0028	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000	
0029	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.090	
0030	644E00204	LANE LINE, 6" (WT: 45)	MILE	0.440	
Total 0005		TRAFFIC CONTROL			
Section 0006		MAINTENANCE OF TRAFFIC			
0031	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	16.000	
0032	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	1.000	
0033	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	2.000	
0034	614E13310	BARRIER REFLECTOR, TYPE 1, ONE WAY (WT: NR)	EACH	14.000	
0035	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	14.000	
0036	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	0.440	
0037	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	860.000	
0038	616E10000	WATER (WT: NR)	MGAL	2.000	
0039	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	640.000	

0040	643E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	860.000
Total 0006 MAINTENANCE OF TRAFFIC				
Section	0007	(O11 RETAINING WALLS (WALL 1) OPTION A: LAGGING WALL)		
0041	203E10000	EXCAVATION (WT: 34)	CY	245.000
0042	203E20000	EMBANKMENT (WT: 34)	CY	180.000
0043	507E00400	STEEL PILES, MISC.: W21x101, FURNISHED (WT: 34)	FT	1,738.000
0044	511E46511	CLASS QC1 CONCRETE, FOOTING, AS PER PLAN (WT: 34)	CY	22.000
0045	511E71100	CONCRETE, MISC.: 7"x96"x66" PRECAST CONCRETE LAGGING, AS PER PLAN (WT: 34)	CY	1.000
0046	511E81300	CONCRETE, MISC.: 7"x24"x66" PRECAST CONCRETE LAGGING (WT: 34)	EACH	106.000
0047	511E81300	CONCRETE, MISC.: 7"x36"x66" PRECAST CONCRETE LAGGING (WT: 34)	EACH	31.000
0048	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 34)	CY	84.000
0049	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	282.000
0050	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	48.000
0051	524E94703	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN, AS PER PLAN (WT: 28)	FT	1,721.000
0052	524E94705	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN, AS PER PLAN (WT: 28)	FT	500.000
0053	524E95000	DRILLED SHAFTS, MISC.: ,EXTENSION (WT: 34)	FT	9.000
0054	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT, GEOTEXTILE FABRIC UNDERLAYMENT (WT: 35)	SY	2.000
0055	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
Total 0007 RETAINING WALLS (WALL 1) OPTION A: LAGGING WALL				
Section	0008	(O12 RETAINING WALLS (WALL 1) OPTION B: PLUG PILE WALL)		
0056	203E10000	EXCAVATION (WT: 34)	CY	75.000
0057	203E20000	EMBANKMENT (WT: 34)	CY	57.000
0058	507E00400	STEEL PILES, MISC.:W21x101, FURNISHED (WT: 34)	FT	1,738.000

0059	511E71100	CONCRETE, MISC.: "x96"x66" PRECAST CONCRETE LAGGING, AS PER PLAN (WT: 34)	CY	1.000
0060	524E94703	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	2,093.000
0061	524E94705	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	500.000

Total 0008 RETAINING WALLS (WALL 1) OPTION B: PLUG PILE WALL

Section 0009	INCIDENTALS			
0062	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0063	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0064	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0065	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0009 INCIDENTALS

Project Number: 210167

PID: 85611

Lake

SR 608-00.00

E161(093)

DBE Goal: 7.0%

Date Set for Completion: 10/15/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING A SECTION OF CONCORD TOWNSHIP, OF LAKE COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLANING AND RESURFACING 3.57 MILES OF SR-608, ADJUSTING CATCH BASINS TO GRADE, AND OTHER RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	209E60501	LINEAR GRADING, AS PER PLAN (WT: 06)	MILE	6.650
0002	623E39501	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN (WT: NR)	EACH	4.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0003	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0004	611E98631	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000
0005	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	500.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0006	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	1,446.000
0007	253E02000	PAVEMENT REPAIR (WT: 16)	CY	200.000
0008	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, (1-1/2") (WT: 13)	SY	49,988.000
0009	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	4,408.000

0010	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN,"A", PG70-22M, (1-1/2") (WT: 10)	CY	495.000
0011	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN,"B", PG70-22M, (1-1/2") (WT: 10)	CY	1,513.000
0012	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN,"C", PG64-22, (1-1/2") (WT: 10)	CY	32.000
0013	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), (1-1/2" AVG) (WT: 10)	CY	42.000
0014	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	151.500
0015	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	4,389.000
Total 0004		PAVEMENT		
Section	0005	WATER WORK		
0016	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000
Total 0005		WATER WORK		
Section	0006	TRAFFIC CONTROL		
0017	621E00100	RPM (WT: 41)	EACH	288.000
0018	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	288.000
0019	646E10010	EDGE LINE, 6" (WT: 45)	MILE	6.650
0020	646E10200	CENTER LINE (WT: 45)	MILE	3.310
0021	646E10400	STOP LINE (WT: 45)	FT	171.000
0022	646E10500	CROSSWALK LINE (WT: 45)	FT	56.000
0023	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	56.000
0024	646E20120	SCHOOL SYMBOL MARKING, 120" (WT: 45)	EACH	2.000
0025	646E20800	YIELD LINE (WT: 45)	FT	20.000
0026	690E98400	SPECIAL - INVENTORY EXISTING PAVEMENT MARKINGS (WT: 45)	LS	1.000
Total 0006		TRAFFIC CONTROL		
Section	0007	MAINTENANCE OF TRAFFIC		
0027	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	40.000
0028	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	16.000
0029	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000
0030	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	2.000

0031	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	3.310
0032	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	3.310
0033	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	6.650
0034	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	6.650
0035	614E25200	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 642 PAINT (WT: 39)	FT	56.000
0036	614E25620	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS III, 642 PAINT (WT: 39)	FT	56.000
0037	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	171.000
0038	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	171.000
0039	614E27200	WORK ZONE CROSSWALK LINE, CLASS I, 642 PAINT (WT: 39)	FT	56.000
0040	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	56.000
0041	614E31760	WORK ZONE SCHOOL SYMBOL MARKING, 120", CLASS I (WT: 39)	EACH	2.000
0042	614E31770	WORK ZONE SCHOOL SYMBOL MARKING, 120", CLASS III, 642 PAINT (WT: 39)	EACH	2.000
0043	630E97800	SIGNING, MISC.:ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER (WT: 42)	SF	300.000

Total 0007 MAINTENANCE OF TRAFFIC

Section	0008	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	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0047	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0048	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0008 INCIDENTALS

Project Number: 210168

PID: 91549

Lawrence

SR 243-12.76

E171(002)

DBE Goal: 10%

Date Set for Completion: 10/31/2021

Type: BRIDGE REPLACEMENT (1 BRIDGE)

Plan Cost: N/A

FOR IMPROVING LAW-243-12.76 IN LAWRENCE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING BRIDGE NO. LAW-243-1279, A SINGLE SPAN PRESTRESSED CONCRETE I-BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE, (SPAN:75'; ROADWAY: 36' FACE/FACE OF RAILING), OVER MCKINNEY CREEK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	41.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	875.000
0004	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	4.000
0005	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	4.000
0006	203E10000	EXCAVATION (WT: 06)	CY	640.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	1,753.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,174.000
0009	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	737.500
0010	606E25550	ANCHOR ASSEMBLY, MGS TYPE A (WT: 36)	EACH	2.000
0011	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	2.000
0012	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	2.000
0013	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0014	659E00300	TOPSOIL (WT: 46)	CY	65.000

0015	659E10000	SEEDING AND MULCHING (WT: 46)	SY	3,764.000
0016	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	189.000
0017	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.510
0018	659E31000	LIME (WT: 46)	ACRE	0.780
0019	659E35000	WATER (WT: 46)	MGAL	20.300
0020	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	577.000
0021	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0022	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0023	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0024	832E30000	EROSION CONTROL (WT: 08)	EACH	16,359.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0025	605E31100	AGGREGATE DRAINS (WT: 35)	FT	136.000
0026	611E07900	18" CONDUIT, TYPE D (WT: 35)	FT	36.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0027	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	88.000
0028	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" MAX) (WT: 13)	SY	854.000
0029	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	187.000
0030	304E20000	AGGREGATE BASE (WT: 09)	CY	196.000
0031	407E10000	TACK COAT (WT: 10)	GAL	284.000
0032	421E10010	MICROSURFACING, SURFACE COURSE (WT: 11)	SY	984.000
0033	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	118.000
0034	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	12.000
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0035	621E00100	RPM (WT: 41)	EACH	16.000
0036	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	14.000
0037	626E00112	BARRIER REFLECTOR, TYPE 3 (BI- DIRECTIONAL) (WT: NR)	EACH	16.000

0038	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	14.000
0039	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0040	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0041	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.210
0042	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.120
0043	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	29.000
Total 0005		TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0044	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	16.000
0045	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	780.000
0046	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	5.000
0047	614E13310	BARRIER REFLECTOR, TYPE 1 (BI- DIRECTIONAL) (WT: NR)	EACH	21.000
0048	614E13314	BARRIER REFLECTOR, TYPE 3 (BI- DIRECTIONAL) (WT: NR)	EACH	17.000
0049	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	46.000
0050	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	0.450
0051	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	0.040
0052	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	42.000
0053	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0054	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	224.000
0055	616E10000	WATER (WT: NR)	MGAL	1.000
0056	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	430.000
0057	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	350.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section	0007	STRUCTURE OVER 20 FOOT SPAN (4403607)		
0058	202E11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0059	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	270.000
0060	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 21)	LS	1.000
0061	503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 21)	LS	1.000

0062	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0063	507E00100	STEEL PILES HP10X42, FURNISHED (WT: 53)	FT	1,600.000
0064	507E00150	STEEL PILES HP10X42, DRIVEN (WT: 53)	FT	1,800.000
0065	507E93300	STEEL POINTS OR SHOES (WT: 53)	EACH	40.000
0066	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	42,814.000
0067	511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 21)	EACH	2.000
0068	511E34446	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (WT: 21)	CY	147.000
0069	511E43512	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	163.000
0070	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	253.000
0071	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	85.000
0072	515E15070	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF36-49 (76'-8 1/2" LONG) (WT: 21)	EACH	4.000
0073	515E20000	INTERMEDIATE DIAPHRAGMS (WT: 21)	EACH	3.000
0074	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	3.000
0075	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	108.000
0076	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 21)	FT	100.000
0077	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (2"x25"x12" WITH 2"x27"x14" LOAD PLATE AND W24x62 SHAPE) (WT: 21)	EACH	8.000
0078	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	159.830
0079	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	56.000
0080	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 21)	FT	141.000
0081	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	120.000
0082	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	26.000
0083	526E25010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") (WT: 29)	SY	200.000
0084	526E90011	TYPE A INSTALLATION, AS PER PLAN (WT: 29)	FT	74.000

0085	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	231.000
0086	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000

Total 0007 STRUCTURE OVER 20 FOOT SPAN (4403607)

Section 0008	INCIDENTALS			
0087	103E06000	PREMIUM FOR CONTRACT PERFORMANCE BOND, PAYMENT BOND AND MAINTENANCE BOND (WT: NR)	LS	1.000
0088	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0089	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	5.000
0090	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0091	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008	INCIDENTALS			

Project Number: 210169

PID: 102181

Lawrence

SR 775-(15.45)(15.70)

E190(041)

DBE Goal: 9.0%

Date Set for Completion: 9/10/2021

Type: BRIDGE REPLACEMENT (2 BRIDGES)

Plan Cost: N/A

FOR IMPROVING LAW-775-15.45/15.70 IN LAWRENCE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE EXISTING STRUCTURES WITH PRECAST CONCRETE THREE SIDED CULVERTS SUPPORTED ON CAPPED PILE FOOTINGS.

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	3,972.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	91.000
0004	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	6.000
0005	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	278.000
0006	202E75000	FENCE REMOVED (WT: NR)	FT	843.000
0007	202E75254	GATE REMOVED FOR REUSE (WT: NR)	EACH	2.000
0008	203E10000	EXCAVATION (WT: 06)	CY	1,955.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	2,363.000
0010	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	5,887.000
0011	204E45000	PROOF ROLLING (WT: NR)	HOUR	3.000
0012	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	150.000
0013	606E25550	ANCHOR ASSEMBLY, MGS TYPE A (WT: 36)	EACH	1.000
0014	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0015	607E15000	FENCE, TYPE 47 (WT: 37)	FT	843.000
0016	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	3.000
0017	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	2.000
0018	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000

Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0019	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	414.000
0020	601E34200	ROCK CHANNEL PROTECTION, TYPE C WITHOUT FILTER (WT: 35)	CY	116.000
0021	659E00300	TOPSOIL (WT: 46)	CY	854.000
0022	659E10000	SEEDING AND MULCHING (WT: 46)	SY	6,175.000
0023	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	309.000
0024	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.830
0025	659E31000	LIME (WT: 46)	ACRE	1.280
0026	659E35000	WATER (WT: 46)	MGAL	33.000
0027	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	1,527.000
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	24,025.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0032	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.540
0033	605E31100	AGGREGATE DRAINS (WT: 35)	FT	612.000
0034	611E00200	4" CONDUIT, TYPE C (POLYVINYL CHLORIDE PIPE) (WT: 35)	FT	39.000
0035	611E01100	6" CONDUIT, TYPE C (CORRUGATED METAL PIPE) (WT: 35)	FT	25.000
0036	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	50.000
0037	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	50.000
0038	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	26.000
0039	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	29.000
0040	611E05900	15" CONDUIT, TYPE B (707.01, 707.02, OR 707.03 GALVANIZED - 0.188" THICK, 707.01 ALUMINIZED, 706.01, 707.33) (WT: 35)	FT	67.000
0041	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0042	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	769.000

0043	304E20000	AGGREGATE BASE (WT: 09)	CY	740.000
0044	407E10000	TACK COAT (WT: 10)	GAL	524.000
0045	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	337.000
0046	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	156.000
0047	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	202.000
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0048	621E00100	RPM (WT: 41)	EACH	47.000
0049	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	39.000
0050	626E00112	BARRIER REFLECTOR, TYPE 3 (BIDIRECTIONAL) (WT: NR)	EACH	5.000
0051	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	11.500
0052	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	37.500
0053	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	4.000
0054	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	4.000
0055	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	8.000
0056	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.610
0057	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.260
0058	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	10.000
Total 0005		TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0059	410E10000	TRAFFIC COMPACTED SURFACE, TYPE A (WT: NR)	CY	100.000
0060	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	16.000
0061	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	5.000
0062	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0063	614E13310	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	21.000
0064	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	21.000
0065	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.320
0066	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	0.410

0067	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	36.000
0068	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0069	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	459.000
0070	616E10000	WATER (WT: NR)	MGAL	14.000
0071	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	540.000
0072	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	320.000

Total 0006 MAINTENANCE OF TRAFFIC

Section	0007	STRUCTURE OVER 20 FOOT SPAN (LAW-775-1545)		
0073	202E11002	STRUCTURE REMOVED, OVER 20 FOOT SPAN (WT: 19)	LS	1.000
0074	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 20)	LS	1.000
0075	503E21300	UNCLASSIFIED EXCAVATION (WT: 20)	LS	1.000
0076	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0077	507E00100	STEEL PILES HP10X42, FURNISHED (WT: 53)	FT	775.000
0078	507E00150	STEEL PILES HP10X42, DRIVEN (WT: 53)	FT	620.000
0079	507E93300	STEEL POINTS OR SHOES (WT: 53)	EACH	30.000
0080	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	10,578.000
0081	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 20)	CY	18.000
0082	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 20)	CY	68.000
0083	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 20)	CY	2.000
0084	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	87.000
0085	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	117.000
0086	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	233.000
0087	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	35.000
0088	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 20)	CY	13.000
0089	611E70000	CONDUIT, TYPE A, PRECAST REINFORCED CONCRETE THREE SIDED FLAT TOPPED CULVERT (34'-0" SPAN X 7'-0" RISE) (WT: 20)	FT	56.000

Total 0007 STRUCTURE OVER 20 FOOT SPAN (LAW-775-1545)

Section	0008	STRUCTURE OVER 20 FOOT SPAN (LAW-775-1570)		
0090	202E11002	STRUCTURE REMOVED, OVER 20 FOOT SPAN (WT: 19)	LS	1.000

0091	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 20)	LS	1.000
0092	503E21300	UNCLASSIFIED EXCAVATION (WT: 20)	LS	1.000
0093	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0094	507E00100	STEEL PILES HP10X42, FURNISHED (WT: 53)	FT	1,075.000
0095	507E00150	STEEL PILES HP10X42, DRIVEN (WT: 53)	FT	910.000
0096	507E93300	STEEL POINTS OR SHOES (WT: 53)	EACH	33.000
0097	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	12,564.000
0098	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 20)	CY	24.000
0099	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 20)	CY	78.000
0100	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 20)	CY	2.000
0101	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	102.000
0102	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	142.000
0103	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	264.000
0104	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	44.000
0105	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 20)	CY	25.000
0106	611E70000	CONDUIT, TYPE A, PRECAST REINFORCED CONCRETE THREE SIDED FLAT TOPPED CULVERT (34'-0" SPAN X 8'-0" RISE) (WT: 20)	FT	63.000
Total 0008		STRUCTURE OVER 20 FOOT SPAN (LAW-775-1570)		
Section	0009	INCIDENTALS		
0107	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0108	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0109	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	6.000
0110	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0111	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0009		INCIDENTALS		

Project Number: 210170

PID: 101446

Lorain

SR 58-24.66

E170(093)

DBE Goal: 7%

Date Set for Completion: 9/3/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING A SECTION OF THE CITY OF LORAIN, OF LORAIN COUNTY, OF OHIO BY PLANING AND RESURFACING 3 MILES OF SR-58, INCLUDING REMOVAL AND REPLACEMENT OF SIDEWALK, CURB & GUTTER, CURB RAMPS, MINOR CONCRETE WORK, MINOR DRAINAGE WORK, AND OTHER RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E23000	PAVEMENT REMOVED (WT: NR)	SY	24.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	2,361.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	238.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	218.750
0005	202E38200	GUARDRAIL REMOVED FOR REUSE (WT: NR)	FT	31.250
0006	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	2.000
0007	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	5.000
0008	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	6.000
0009	202E47200	BRIDGE TERMINAL ASSEMBLY REMOVED FOR REUSE (WT: NR)	EACH	1.000
0010	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	44.000
0011	209E15000	RESHAPING UNDER GUARDRAIL (WT: 06)	STA	5.060
0012	209E60501	LINEAR GRADING, AS PER PLAN (WT: 06)	MILE	3.640
0013	209E80000	GRADING MAILBOX APPROACHES (WT: 06)	EACH	47.000
0014	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	218.750
0015	606E16500	GUARDRAIL REBUILT, TYPE 5 (WT: 36)	FT	31.250
0016	606E17000	RAISING TYPE 5 GUARDRAIL (WT: 36)	FT	50.000
0017	606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	EACH	2.000

0018	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	3.000
0019	606E35010	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE 1 (WT: 36)	EACH	1.000
0020	606E35140	BRIDGE TERMINAL ASSEMBLY, TYPE 4 (WT: 36)	EACH	6.000
0021	606E35141	BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN (WT: 36)	EACH	2.000
0022	608E10000	4" CONCRETE WALK (WT: 38)	SF	455.000
0023	608E52000	CURB RAMP (WT: 38)	SF	2,588.000
0024	609E14000	CURB, TYPE 2-A (WT: 38)	FT	45.000
0025	609E16000	CURB, TYPE 2-B (WT: 38)	FT	19.000
0026	609E20000	CURB, TYPE 3-A (WT: 38)	FT	27.000
0027	609E26000	CURB, TYPE 6 (WT: 38)	FT	189.000
0028	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	1.000
0029	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	3.000
0030	690E50200	SPECIAL - MAILBOX SUPPORT SYSTEM, DOUBLE (WT: NR)	EACH	1.000
Total 0001		ROADWAY		
Section	0002	EROSION CONTROL		
0031	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0032	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	9.000
0033	611E98635	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	7.000
0034	611E99150	INLET ADJUSTED TO GRADE (WT: 35)	EACH	7.000
0035	611E99155	INLET RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	3.000
0036	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	20.000
0037	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	1,000.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0038	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (LONGITUDINAL) (WT: 16)	CY	230.000
0039	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (TRANSVERSE) (WT: 16)	CY	205.000
0040	253E02000	PAVEMENT REPAIR (LONGITUDINAL) (WT: 16)	CY	25.000

0041	253E02000	PAVEMENT REPAIR (TRANSVERSE) (WT: 16)	CY	20.000
0042	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.5") (WT: 13)	SY	94,293.000
0043	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	488.000
0044	255E10160	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS (WT: 17)	SY	172.000
0045	255E10161	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS, AS PER PLAN (WT: 17)	SY	38.000
0046	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	1,092.000
0047	256E10000	BONDED PATCHING OF PORTLAND CEMENT CONCRETE PAVEMENT, TYPE A (WT: 17)	SF	688.000
0048	257E10000	DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT (WT: 13)	SY	753.000
0049	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	7,597.000
0050	442E00201	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446), AS PER PLAN (1.5") (PG64-22) (WT: 10)	CY	3,964.000
0051	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	296.000
0052	617E20000	SHOULDER PREPARATION (WT: 06)	SY	4,271.000
Total 0004 PAVEMENT				
Section 0005 WATER WORK				
0053	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	11.000
Total 0005 WATER WORK				
Section 0006 TRAFFIC CONTROL				
0054	626E00110	BARRIER REFLECTOR, TYPE 2 (1WAY) (WT: NR)	EACH	19.000
0055	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0056	646E10000	EDGE LINE, 4" (WT: 45)	MILE	0.120
0057	646E10000	EDGE LINE, 4" (BIKE LANE) (WT: 45)	MILE	0.120
0058	646E10100	LANE LINE, 4" (WT: 45)	MILE	0.120
0059	646E10200	CENTER LINE (WT: 45)	MILE	0.060
Total 0006 TRAFFIC CONTROL				
Section 0007 TRAFFIC CONTROL ALTERNATES				
0060	AA1 642E00100	EDGE LINE, 4", TYPE 1 (ALTERNATE 1) (WT: 45)	MILE	3.680
0061	AA1 642E00100	EDGE LINE, 4", TYPE 1 (BIKE LANE) (ALTERNATE 1) (WT: 45)	MILE	5.090
0062	AA1 642E00200	LANE LINE, 4", TYPE 1 (ALTERNATE 1) (WT: 45)	MILE	3.760

0063	AA1	642E00300	CENTER LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	MILE	3.250
0064	AA1	642E00400	CHANNELIZING LINE, 8", TYPE 1 (ALTERNATE 1) (WT: 45)	FT	1,730.000
0065	AA1	642E00500	STOP LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	FT	1,027.000
0066	AA1	642E00600	CROSSWALK LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	FT	2,156.000
0067	AA1	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	FT	999.000
0068	AA1	642E00900	ISLAND MARKING, TYPE 1 (ALTERNATE 1) (WT: 45)	SF	156.000
0069	AA1	642E01000	RAILROAD SYMBOL MARKING, TYPE 1 (ALTERNATE 1) (WT: 45)	EACH	2.000
0070	AA1	642E01300	LANE ARROW, TYPE 1 (ALTERNATE 1) (WT: 45)	EACH	72.000
0071	AA1	642E01312	LANE REDUCTION ARROW, TYPE 1 (ALTERNATE 1) (WT: 45)	EACH	2.000
0072	AA1	642E01500	DOTTED LINE, 4", TYPE 1 (ALTERNATE 1) (WT: 45)	FT	1,046.000
0073	AA1	642E01602	BIKE LANE SYMBOL MARKING, TYPE 1 (ALTERNATE 1) (WT: 45)	EACH	51.000
0074	AA1	642E19000	SHARED LANE MARKING, TYPE 1 (ALTERNATE 1) (WT: 45)	EACH	11.000
0075	AA2	644E00100	EDGE LINE, 4" (ALTERNATE 2) (WT: 45)	MILE	3.680
0076	AA2	644E00100	EDGE LINE, 4" (BIKE LANE) (ALTERNATE 2) (WT: 45)	MILE	5.090
0077	AA2	644E00200	LANE LINE, 4" (ALTERNATE 2) (WT: 45)	MILE	3.760
0078	AA2	644E00300	CENTER LINE (ALTERNATE 2) (WT: 45)	MILE	3.250
0079	AA2	644E00400	CHANNELIZING LINE, 8" (ALTERNATE 2) (WT: 45)	FT	1,730.000
0080	AA2	644E00500	STOP LINE (ALTERNATE 2) (WT: 45)	FT	1,027.000
0081	AA2	644E00600	CROSSWALK LINE (ALTERNATE 2) (WT: 45)	FT	2,156.000
0082	AA2	644E00700	TRANSVERSE/DIAGONAL LINE (ALTERNATE 2) (WT: 45)	FT	999.000
0083	AA2	644E00900	ISLAND MARKING (ALTERNATE 2) (WT: 45)	SF	156.000
0084	AA2	644E01000	RAILROAD SYMBOL MARKING (ALTERNATE 2) (WT: 45)	EACH	2.000
0085	AA2	644E01300	LANE ARROW (ALTERNATE 2) (WT: 45)	EACH	72.000
0086	AA2	644E01350	LANE REDUCTION ARROW (ALTERNATE 2) (WT: 45)	EACH	2.000
0087	AA2	644E01500	DOTTED LINE, 4" (ALTERNATE 2) (WT: 45)	FT	1,046.000
0088	AA2	644E01630	BIKE LANE SYMBOL MARKING (ALTERNATE 2) (WT: 45)	EACH	51.000

0089	AA2	644E19000	SHARED LANE MARKING (ALTERNATE 2) (WT: 45)	EACH	11.000
Total 0007		TRAFFIC CONTROL ALTERNATES			
Section 0008		TRAFFIC SIGNALS			
0090		632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	26.000
0091		632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	1.000
Total 0008		TRAFFIC SIGNALS			
Section 0009		MAINTENANCE OF TRAFFIC			
0092		614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	160.000
0093		614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	134.000
0094		614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	30.000
0095		614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	7.840
0096		614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	5.940
0097		614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	8.320
0098		614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	3,460.000
0099		614E25620	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS III, 642 PAINT (WT: 39)	FT	1,998.000
0100		614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	2,054.000
0101		614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	4,312.000
0102		614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	136.000
Total 0009		MAINTENANCE OF TRAFFIC			
Section 0010		STRUCTURE REPAIR (LOR-58-2491 SFN 4703510)			
0103		517E76300	RAILING, MISC.: DEEP BEAM RAILING PANELS (WT: 29)	FT	175.000
Total 0010		STRUCTURE REPAIR (LOR-58-2491 SFN 4703510)			
Section 0011		STRUCTURE REPAIR (LOR-58-2626 SFN 4703634)			
0104		517E76300	RAILING, MISC.: DEEP BEAM RAILING PANELS (WT: 29)	FT	137.500
Total 0011		STRUCTURE REPAIR (LOR-58-2626 SFN 4703634)			
Section 0012		INCIDENTALS			

0105	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0106	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0107	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0108	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	4.000
0109	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0110	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0012 INCIDENTALS				

Project Number: 210171

PID: 88563

Lucas

IR 75/IR 475-08.42/14.50

E101(084)

DBE Goal: 7%

Date Set for Completion: 10/31/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF TOLEDO, TOWNSHIP OF WASHINGTON, IN LUCAS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PAVEMENT REPAIRS, RESURFACING ASPHALT PAVEMENT, REBUILDING GUARDRAIL, APPLYING PAVEMENT MARKINGS, AND PERFORMING MINOR STRUCTURE REPAIRS.

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	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	3,703.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	15,035.500
0004	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	17.000
0005	202E42041	ANCHOR ASSEMBLY REMOVED, TYPE T, AS PER PLAN (WT: NR)	EACH	18.000
0006	202E42050	ANCHOR ASSEMBLY REMOVED, TYPE B (WT: NR)	EACH	3.000
0007	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	35.000
0008	209E15000	RESHAPING UNDER GUARDRAIL (WT: 06)	STA	167.000
0009	209E60200	LINEAR GRADING (WT: 06)	STA	13.570
0010	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	13,070.000
0011	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	20.000
0012	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	18.000
0013	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	25.000
0014	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	10.000

0015	622E24001	CONCRETE BARRIER, TYPE D, AS PER PLAN (WT: 38)	FT	93.000
0016	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	2.000
0200	202E98000	REMOVAL MISC., TRAFFIC MONITORING EQUIPMENT (WT: NR)	LS	1.000
Total 0001		ROADWAY		
Section	0002	EROSION CONTROL		
0017	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,904.000
0018	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.390
0019	659E35000	WATER (WT: 46)	MGAL	16.000
0020	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0021	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	8.000
0022	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	3.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0023	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1 1/2" (WT: 13)	SY	4,675.000
0024	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1" (WT: 13)	SY	11,737.000
0025	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3 1/4" (WT: 13)	SY	241,995.000
0026	255E10200	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, MISC., CLASS QC3 (WT: 17)	SY	1,080.000
0027	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	4,860.000
0028	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	43,109.000
0029	424E12001	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN (WT: 10)	CY	3,032.000
0030	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	197.000
0031	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	15,202.000
0032	442E10101	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN, PG76-22M (WT: 10)	CY	12,041.000
0033	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN (WT: 10)	CY	10,083.000
0034	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	1,173.000
0035	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	5,867.000

0036	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 3" (WT: 13)	SY	3,330.000
0201	690E12060	SPECIAL - PAVEMENT OVERLAY FABRIC COMPOSITE (WT: NR)	SY	2,774.000
Total 0004		PAVEMENT		
Section 0005		WATER WORK		
0037	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	2.000
Total 0005		WATER WORK		
Section 0006		LIGHTING		
0038	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, COOPER GALLEON OR TYPE HOLOPHANE MONGOOSE (WT: 43)	EACH	102.000
0202	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	1.000
0203	625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	LS	1.000
0204	625E40010	SPECIAL - REPLACEMENT OF EXISTING LIGHTING UNIT (WT: 43)	EACH	1.000
Total 0006		LIGHTING		
Section 0007		TRAFFIC CONTROL		
0039	621E00100	RPM (WT: 41)	EACH	1,280.000
0040	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,280.000
0041	626E00102	BARRIER REFLECTOR, TYPE 1, ONE WAY (WT: NR)	EACH	728.000
0042	626E00116	BARRIER REFLECTOR, TYPE 5, BIDIRECTIONAL (WT: NR)	EACH	89.000
0043	626E00116	BARRIER REFLECTOR, TYPE 5, UNIDIRECTIONAL (WT: NR)	EACH	204.000
0044	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	20.780
0045	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	19.980
0046	642E40000	SPEED MEASUREMENT MARKING (WT: 45)	EACH	1.000
0047	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	1,486.000
0048	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	11,660.000
0049	644E00500	STOP LINE (WT: 45)	FT	125.000
0050	644E00601	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	312.000
0051	644E00720	CHEVRON MARKING (WT: 45)	FT	667.000
0052	644E01300	LANE ARROW (WT: 45)	EACH	36.000
0053	644E01360	WRONG WAY ARROW (WT: 45)	EACH	5.000
0054	644E01510	DOTTED LINE, 6" (WT: 45)	FT	6,802.000
0205	625E25900	CONDUIT, JACKED OR DRILLED, 3" (WT: 43)	FT	225.000

0206	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	2.000
Total 0007		TRAFFIC CONTROL		
Section	0008	MAINTENANCE OF TRAFFIC		
0055	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	500.000
0056	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	60.000
0057	614E12470	WORK ZONE SPEED LIMIT SIGN (WT: 39)	EACH	12.000
0058	614E12470	WORK ZONE SPEED LIMIT SIGN (WT: 39)	EACH	21.000
0059	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	23.000
0060	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	5.000
0061	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	30.000
0062	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	10.000
0063	614E20056	WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT (WT: 39)	MILE	31.000
0064	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	30.000
0065	614E22056	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT (WT: 39)	MILE	32.000
0066	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	31.000
0067	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	7,768.000
0068	614E24618	WORK ZONE DOTTED LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	6,573.000
0069	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	203.000
0207	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	2,301.000
0208	614E13310	BARRIER REFLECTOR, TYPE 1, ONE-WAY (WT: NR)	EACH	942.000
0209	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	437.000
0210	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	353.000
0211	614E20210	WORK ZONE LANE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	2.000
0212	614E23410	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 740.06, TYPE I (WT: 39)	FT	5,800.000
0213	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	30.000
Total 0008		MAINTENANCE OF TRAFFIC		
Section	0009	RETAINING WALLS		

0070	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	1,365.000
0071	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	965.000
Total 0009		RETAINING WALLS		
Section	0010	STRUCTURE OVER 20 FOOT SPAN (LUC-75-0849)		
0072	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	100.000
0073	512E73501	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN, AS PER PLAN (WT: 57)	SY	4,329.000
0074	516E01301	ELASTOMERIC STRIP SEAL WITHOUT STEEL EXTRUSIONS, AS PER PLAN (WT: 27)	FT	273.000
0075	516E14010	SPECIAL - POURED POLYURETHANE JOINT SEAL (WT: NR)	FT	152.000
0076	516E31000	JOINT SEALER (WT: 29)	FT	270.000
0077	848E10201	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN, 1.75" THICK (WT: 29)	SY	410.000
0078	848E20000	SURFACE PREPARATION USING HYDRODEMOLITION (WT: 30)	SY	410.000
0079	848E30201	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY, AS PER PLAN (WT: 29)	CY	4.000
0080	848E50000	HAND CHIPPING (WT: 29)	SY	90.000
0081	848E50100	TEST SLAB (WT: 29)	LS	1.000
Total 0010		STRUCTURE OVER 20 FOOT SPAN (LUC-75-0849)		
Section	0011	STRUCTURE OVER 20 FOOT SPAN (LUC-75-0861)		
0082	512E73501	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN, AS PER PLAN (WT: 57)	SY	4,949.000
0083	516E01301	ELASTOMERIC STRIP SEAL WITHOUT STEEL EXTRUSIONS, AS PER PLAN (WT: 27)	FT	282.000
0084	516E31000	JOINT SEALER (WT: 29)	FT	273.000
0085	519E12200	PATCHING CONCRETE BRIDGE DECK - TYPE A (WT: 29)	SY	3.000
Total 0011		STRUCTURE OVER 20 FOOT SPAN (LUC-75-0861)		
Section	0012	STRUCTURE OVER 20 FOOT SPAN (LUC-75-0891)		
0086	512E73501	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN, AS PER PLAN (WT: 57)	SY	5,203.000
0087	516E31000	JOINT SEALER (WT: 29)	FT	398.000
0088	519E12200	PATCHING CONCRETE BRIDGE DECK - TYPE A (WT: 29)	SY	1.000

Total 0012		STRUCTURE OVER 20 FOOT SPAN (LUC-75-0891)		
Section 0013	STRUCTURE OVER 20 FOOT SPAN (LUC-75-1013)			
0089	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	100.000
0090	512E73501	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN, AS PER PLAN (WT: 57)	SY	2,664.000
0091	516E14010	SPECIAL - POURED POLYURETHANE JOINT SEAL (WT: NR)	FT	114.000
0092	516E31000	JOINT SEALER (WT: 29)	FT	228.000
0093	519E12200	PATCHING CONCRETE BRIDGE DECK - TYPE A (WT: 29)	SY	4.000
0094	848E10201	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN, 1.75" THICK (WT: 29)	SY	315.000
0095	848E20000	SURFACE PREPARATION USING HYDRODEMOLITION (WT: 30)	SY	315.000
0096	848E30201	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY, AS PER PLAN (WT: 29)	CY	3.000
0097	848E50000	HAND CHIPPING (WT: 29)	SY	75.000
0098	848E50100	TEST SLAB (WT: 29)	LS	1.000
Total 0013		STRUCTURE OVER 20 FOOT SPAN (LUC-75-1013)		
Section 0014	INCIDENTALS			
0099	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0100	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0101	108E30000	CPM PROGRESS SCHEDULE SHORT DURATION PROJECTS (WT: NR)	LS	1.000
0102	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0103	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0104	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0014		INCIDENTALS		
Section 0015	STRUCTURE OVER 20 FOOT SPAN (LUC-75-0817)			
0214	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	1,798.000
0215	511E53014	CLASS QC3 CONCRETE, MISC., CONCRETE OVERLAY (WT: 29)	CY	20.000

0216	511E60000	SPECIAL - BRIDGE DECK GROOVING (WT: NR)	SY	160.000
0217	516E14010	SPECIAL - POURED POLYURETHANE JOINT SEAL (WT: NR)	FT	68.000
0218	516E31000	JOINT SEALER, 705.04 (WT: 29)	FT	68.000
0219	848E20001	SURFACE PREPARATION USING HYDRODEMOLITION, AS PER PLAN (WT: 30)	SY	160.000
0220	848E50000	HAND CHIPPING (WT: 29)	SY	80.000
0221	848E50321	EXISTING CONCRETE OVERLAY REMOVED, AS PER PLAN (WT: 29)	SY	160.000
Total 0015		STRUCTURE OVER 20 FOOT SPAN (LUC-75-0817)		

Project Number: 210172

PID: 103420

Montgomery

SR-SR 49-06.40

E170(196)

DBE Goal: 7.0%

Date Set for Completion: 8/1/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY WITHIN THE CITIES OF CLAYTON AND ENGLEWOOD, WITHIN MONTGOMERY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING STATE ROUTE 49 FROM JUST SOUTH OF WESTBROOK ROAD TO JUST SOUTH OF THE I-70 INTERCHANGE, INCLUDING ALL RELATED ITEMS OF 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	1,500.000
0002	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1 3/4" Depth (WT: 13)	SY	104,109.000
0003	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1" Depth (WT: 13)	SY	932.000
0004	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, Variable Depth (1" to 1 3/4") (WT: 13)	SY	710.000
0005	254E01601	PATCHING PLANED SURFACE, AS PER PLAN (WT: 16)	SY	50.000
0006	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	8,993.000
0007	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	5,135.000
0008	442E20001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448), AS PER PLAN, PG76-22M (WT: 10)	CY	5,135.000
0009	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	309.000
Total	0001	PAVEMENT		
Section	0002	TRAFFIC CONTROL		
0010	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	190.000
0011	644E00100	EDGE LINE, 4" (WT: 45)	MILE	9.680
0012	644E00200	LANE LINE, 4" (WT: 45)	MILE	4.840

0013	644E00300	CENTER LINE (WT: 45)	MILE	0.040
0014	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	2,369.000
0015	644E00500	STOP LINE (WT: 45)	FT	474.000
0016	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	45.000
0017	644E00720	CHEVRON MARKING (WT: 45)	FT	178.000
0018	644E01300	LANE ARROW (WT: 45)	EACH	31.000
Total 0002		TRAFFIC CONTROL		
Section 0003	MAINTENANCE OF TRAFFIC			
0019	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
0020	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	4.840
0021	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.040
0022	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	9.680
0023	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	2,369.000
0024	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	474.000
0025	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	31.000
Total 0003		MAINTENANCE OF TRAFFIC		
Section 0004	STRUCTURE REPAIR (MOT-49-0810)			
0026	516E31001	JOINT SEALER, AS PER PLAN, 1 1/2 DEEP (WT: 29)	FT	146.000
Total 0004		STRUCTURE REPAIR (MOT-49-0810)		
Section 0005	INCIDENTALS			
0027	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0028	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0029	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005		INCIDENTALS		

Project Number: 210173

PID: 101374

Morgan

SR 266-11.46

E170(275)

DBE Goal: 7.0%

Date Set for Completion: 10/1/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING MRG-266-11.46 AND NOB-821-0.68 IN MORGAN AND NOBLE COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING SINGLE SPAN CONCRETE SLAB STRUCTURES WITH A 20' X 4' BOX CULVERT AND A 16' X 4' BOX CULVERT

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	104.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	704.000
0004	202E75000	FENCE REMOVED (WT: NR)	FT	230.000
0005	203E10000	EXCAVATION (WT: 06)	CY	400.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	289.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	800.000
0008	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	650.000
0009	606E25550	ANCHOR ASSEMBLY, MGS TYPE A (WT: 36)	EACH	3.000
0010	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	5.000
0011	607E15000	FENCE, TYPE 47 (WT: 37)	FT	254.000
0012	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0013	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	113.000
0014	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,825.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.260
0016	659E31000	LIME (WT: 46)	ACRE	0.590

0017	659E35000	WATER (WT: 46)	MGAL	9.000
0018	832E30000	EROSION CONTROL (WT: 08)	EACH	6,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0019	605E31100	AGGREGATE DRAINS (WT: 35)	FT	77.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0020	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1 1/2" AVERAGE DEPTH) (WT: 13)	SY	1,148.000
0021	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	128.000
0022	304E20000	AGGREGATE BASE (WT: 09)	CY	145.000
0023	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	267.000
0024	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	134.000
0025	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 38)	SY	165.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0026	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	17.000
0027	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	12.000
0028	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	14.000
0029	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	8.000
0030	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0031	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	8.000
0032	630E86010	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION (WT: 42)	EACH	1.000
0033	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.350
0034	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.180
Total 0005		TRAFFIC CONTROL		
Section 0006	MAINTENANCE OF TRAFFIC			
0035	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	4.000
0036	614E12740	WORK ZONE LIGHTING SYSTEM (WT: 39)	EACH	1.000

0037	614E13310	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	22.000
0038	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	22.000
0039	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	0.250
0040	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	22.000
0041	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	450.000
0042	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	30.000
Total 0006		MAINTENANCE OF TRAFFIC		

Section 0007	STRUCTURE 20 FOOT SPAN AND UNDER (MRG-266-1147)			
0043	202E11000	STRUCTURE REMOVED (WT: 35)	LS	1.000
0044	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	65.000
0045	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0046	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0047	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	5,252.000
0048	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	10.000
0049	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	36.000
0050	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	CY	2.000
0051	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	83.000
0052	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	60.000
0053	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	107.000
0054	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	30.000
0055	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	11.000
0056	611E96493	20' X 4' CONDUIT, TYPE A, 706.05, AS PER PLAN (WT: 35)	FT	42.000
0057	613E41300	LOW STRENGTH MORTAR BACKFILL (TYPE 2) (WT: 35)	CY	130.000
Total 0007		STRUCTURE 20 FOOT SPAN AND UNDER (MRG-266-1147)		

Section 0008	STRUCTURE 20 FOOT SPAN AND UNDER (NOB-821-0068)			
0058	202E11200	PORTIONS OF STRUCTURE REMOVED (WT: 35)	LS	1.000
0059	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	50.000

0060	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0061	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0062	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	4,776.000
0063	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	8.000
0064	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	30.000
0065	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	CY	1.000
0066	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	50.000
0067	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	62.000
0068	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	98.000
0069	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	26.000
0070	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	10.000
0071	611E96391	16' X 4' CONDUIT, TYPE A, 706.05, AS PER PLAN (WT: 35)	FT	46.000
0072	613E41300	LOW STRENGTH MORTAR BACKFILL (TYPE 2) (WT: 35)	CY	84.000
Total 0008 STRUCTURE 20 FOOT SPAN AND UNDER (NOB-821-0068)				
Section 0009 INCIDENTALS				
0073	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (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 0009 INCIDENTALS				

Project Number: 210174

PID: 99204

Pike

CR 66-04.36

E160(984)

DBE Goal: 6.0%

Date Set for Completion: 10/31/2021

Type: MINOR RECONSTRUCTION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN UNION TOWNSHIP, PIKE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY WIDENING THE ROADWAY, CONSTRUCTING A DRILLED SHAFT AND LAGGING WALL, AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	6,519.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	168.000
0004	202E30200	STEPS REMOVED (WT: NR)	FT	15.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	315.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	2,629.000
0007	202E38800	GUARD POST REMOVED (WT: NR)	EACH	2.000
0008	202E53100	MAILBOX REMOVED (WT: NR)	EACH	10.000
0009	202E56100	BUILDING DEMOLISHED, PARCEL 5-WD (WT: 02)	EACH	3.000
0010	202E75000	FENCE REMOVED (WT: NR)	FT	495.000
0011	202E75250	GATE REMOVED (WT: NR)	EACH	2.000
0012	202E98100	REMOVAL MISC.: FLAG POLE REMOVED (WT: NR)	EACH	1.000
0013	202E98200	REMOVAL MISC.: TIMBER RETAINING WALL REMOVED (WT: NR)	FT	238.000
0014	203E10000	EXCAVATION (WT: 06)	CY	10,238.000
0015	203E20000	EMBANKMENT (WT: 06)	CY	3,892.000
0016	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	9,186.000
0017	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	484.000
0018	204E20000	EMBANKMENT (WT: 06)	CY	868.000

0019	204E45000	PROOF ROLLING (WT: NR)	HOUR	4.000
0020	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	243.750
0021	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	1,162.500
0022	606E25000	ANCHOR ASSEMBLY, TYPE A (WT: 36)	EACH	1.000
0023	606E25550	ANCHOR ASSEMBLY, MGS TYPE A (WT: 36)	EACH	6.000
0024	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	2.000
0025	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0026	606E32161	BRIDGE TERMINAL ASSEMBLY, TYPE TST, AS PER PLAN (WT: 36)	EACH	1.000
0027	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	3.000
0028	606E35140	BRIDGE TERMINAL ASSEMBLY, TYPE 4 (WT: 36)	EACH	3.000
0029	623E40500	REFERENCE MONUMENT (WT: NR)	EACH	25.000
0030	690E50000	SPECIAL - MAILBOX SUPPORT (WT: NR)	EACH	10.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0031	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	2.000
0032	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	9.500
0033	659E10000	SEEDING AND MULCHING (WT: 46)	SY	27,127.000
0034	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	1,356.000
0035	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	3.780
0036	659E31000	LIME (WT: 46)	ACRE	5.600
0037	659E35000	WATER (WT: 46)	MGAL	150.000
0038	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	2,120.000
0039	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	407.000
0040	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0041	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0042	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0043	832E30000	EROSION CONTROL (WT: 08)	EACH	52,643.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0044	602E20000	CONCRETE MASONRY (WT: 35)	CY	2.600
0045	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	1,789.000
0046	605E31100	AGGREGATE DRAINS (WT: 35)	FT	1,098.000

0047	611E00406	4" CONDUIT, TYPE F (WT: 35)	FT	39.000
0048	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	50.000
0049	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	50.000
0050	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	50.000
0051	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	44.000
0052	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	30.000
0053	611E05700	15" CONDUIT, TYPE A, 706.01, 706.02, 706.03, 706.08, 707.01, 707.02, 707.03, 707.04, 707.05, 707.07 (WT: 35)	FT	94.000
0054	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	85.000
0055	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	63.000
0056	611E06400	15" CONDUIT, TYPE D (WT: 35)	FT	70.000
0057	611E07900	18" CONDUIT, TYPE D (WT: 35)	FT	120.000
0058	611E11700	27" CONDUIT, TYPE A, 706.01, 706.02, 706.03, 706.08, 707.01, 707.02, 707.03, 707.04, 707.05, 707.07 (WT: 35)	FT	54.000
0059	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	3.000
0060	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0061	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000

Total 0003 DRAINAGE

Section	0004	PAVEMENT		
0062	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (VARIABLE THICKNESS, 0" MIN. TO 6" MAX.) (WT: 13)	SY	4,535.000
0063	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	1,030.000
0064	304E20000	AGGREGATE BASE (WT: 09)	CY	1,462.000
0065	407E10000	TACK COAT (WT: 10)	GAL	1,016.000
0066	408E10000	PRIME COAT (WT: 10)	GAL	17.000
0067	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	732.000
0068	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	401.000
0069	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	557.000
0070	609E26000	CURB, TYPE 6 (WT: 38)	FT	992.000

Total 0004 PAVEMENT

Section	0005	TRAFFIC CONTROL		
0071	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	37.000

0072	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	47.000
0073	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	115.000
0074	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	52.000
0075	630E84901	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL, AS PER PLAN (WT: NR)	EACH	35.000
0076	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	8.000
0077	630E86003	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL, AS PER PLAN (WT: NR)	EACH	27.000
0078	644E00100	EDGE LINE, 4" (WT: 45)	MILE	1.740
0079	644E00300	CENTER LINE (WT: 45)	MILE	0.870
0080	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	3.000

Total 0005 TRAFFIC CONTROL

Section	0006	MAINTENANCE OF TRAFFIC		
0081	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	175.000
0082	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	16.000
0083	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0084	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0085	614E13310	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	21.000
0086	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	21.000
0087	616E10000	WATER (WT: NR)	MGAL	46.000
0088	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	990.000

Total 0006 MAINTENANCE OF TRAFFIC

Section	0007	RETAINING WALLS		
0089	203E35150	GRANULAR MATERIAL, TYPE F (WT: 34)	CY	15.000
0090	503E21300	UNCLASSIFIED EXCAVATION (WT: 34)	LS	1.000
0091	507E00400	STEEL PILES, MISC.: SOLDIER PILES HP14X117 (WT: 34)	FT	1,578.000
0092	507E00400	STEEL PILES, MISC.: SOLDIER PILES HP14X73 (WT: 34)	FT	1,895.000
0093	507E00400	STEEL PILES, MISC.: SOLDIER PILES HP14X89 (WT: 34)	FT	876.000
0094	507E00400	STEEL PILES, MISC.: SOLDIER PILES W27X84 (WT: 34)	FT	3,267.000

0095	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	32,440.000
0096	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 34)	CY	406.000
0097	511E81300	CONCRETE, MISC.: 8" X 24" X 69" PRECAST CONCRETE LAGGING (WT: 34)	EACH	63.000
0098	511E81300	CONCRETE, MISC.: 8" X 24" X 69" PRECAST CONCRETE LAGGING WITH OPENING (WT: 34)	EACH	30.000
0099	511E81300	CONCRETE, MISC.: 8" X 24" X 93" PRECAST CONCRETE LAGGING (WT: 34)	EACH	41.000
0100	511E81300	CONCRETE, MISC.: 8" X 24" X 93" PRECAST CONCRETE LAGGING WITH OPENING (WT: 34)	EACH	47.000
0101	511E81300	CONCRETE, MISC.: 8" X 36" X 69" PRECAST CONCRETE LAGGING (WT: 34)	EACH	69.000
0102	511E81300	CONCRETE, MISC.: 8" X 36" X 69" PRECAST CONCRETE LAGGING WITH OPENING (WT: 34)	EACH	30.000
0103	511E81300	CONCRETE, MISC.: 8" X 36" X 93" PRECAST CONCRETE LAGGING (WT: 34)	EACH	94.000
0104	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	959.000
0105	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	16.000
0106	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	118.000
0107	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	1,521.000
0108	524E94603	DRILLED SHAFTS, 30" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	300.000
0109	524E94605	DRILLED SHAFTS, 30" DIAMETER INTO BEDROCK, AS PER PLAN (WT: 28)	FT	420.000
0110	524E94703	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	5,328.000
0111	524E94705	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	3,668.000
0112	524E95000	DRILLED SHAFTS, MISC.: PLUG SHAFT, 42" DIAMETER, UNREINFORCED (WT: 28)	FT	2,798.000
0113	530E00600	SPECIAL - STRUCTURES: PREFABRICATED GEOCOMPOSITE DRAIN (WT: 34)	SF	3,537.000

Total 0007 RETAINING WALLS

Section 0008 INCIDENTALS

0114	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0115	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0116	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0117	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	6.000
0118	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0119	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

Project Number: 210175
PID: 114216
Ross
SR 159-00.79 Signal Project
E210(059)

DBE Goal: 5.0%

Date Set for Completion: 8/27/2021

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	3.000
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	1.000
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: 210176

PID: 106622

Stark

SR 183-09.84

E191(476)

DBE Goal: 8.0%

Date Set for Completion: 10/15/2021

Type: MINOR RECONSTRUCTION

Plan Cost: N/A

FOR IMPROVING A SECTION OF PARIS TOWNSHIP, OF STARK COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY INSTALLING NB & SB LEFT TURN LANES ON SR-183 AT THE INTERSECTION OF SR-172, CURB & GUTTER, AND REPLACING A CULVERT, INCLUDING OTHER RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	395.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	3,269.000
0004	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	70.000
0005	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	25.000
0006	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT, 12" (WT: NR)	FT	386.000
0007	202E75000	FENCE REMOVED (ELECTRIC) (WT: NR)	FT	807.000
0008	202E98100	REMOVAL MISC.: INSPECTION WELL (WT: NR)	EACH	1.000
0009	202E98100	REMOVAL MISC.: SIGN (WT: NR)	EACH	1.000
0010	202E98200	REMOVAL MISC.: CONDUIT (WT: NR)	FT	5.000
0011	202E98200	REMOVAL MISC.: FENCE WITH STEEL POST (WT: NR)	FT	86.000
0012	203E10000	EXCAVATION (WT: 06)	CY	1,215.000
0013	203E20000	EMBANKMENT (WT: 06)	CY	741.000
0014	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	50.000
0015	203E35120	GRANULAR MATERIAL, TYPE C, 703.16 (WT: 06)	CY	27.000
0016	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	3,532.000
0017	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	42.000

0018	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	42.000
0019	204E45000	PROOF ROLLING (WT: NR)	HOUR	3.000
0020	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	125.000
0021	204E50000	GEOTEXTILE FABRIC, TYPE D (WT: 06)	SY	54.000
0022	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	10.000
0023	690E65016	SPECIAL - WORK INVOLVING PETROLEUM CONTAMINATED SOIL (WT: NR)	TON	230.000
Total 0001		ROADWAY		
Section	0002	EROSION CONTROL		
0024	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	2.000
0025	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	27.000
0026	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	10.000
0027	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	1.000
0028	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0029	659E00300	TOPSOIL (WT: 46)	CY	967.000
0030	659E10000	SEEDING AND MULCHING (WT: 46)	SY	8,713.000
0031	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	436.000
0032	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.180
0033	659E31000	LIME (WT: 46)	ACRE	1.800
0034	659E35000	WATER (WT: 46)	MGAL	47.000
0035	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0036	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0037	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0038	832E30000	EROSION CONTROL (WT: 08)	EACH	75,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0039	602E20000	CONCRETE MASONRY (WT: 35)	CY	1.000
0040	602E20001	CONCRETE MASONRY, AS PER PLAN (WT: 35)	CY	8.000
0041	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	63.000
0042	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	1,631.000

0043	611E00406	4" CONDUIT, TYPE F (WT: 35)	FT	35.000
0044	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	78.000
0045	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	20.000
0046	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	20.000
0047	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	20.000
0048	611E04400	12" CONDUIT, TYPE B, 706.01, 707.12 OR 707.33 (WT: 35)	FT	157.000
0049	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	915.000
0050	611E05900	15" CONDUIT, TYPE B, 706.01, 707.12 OR 707.33 (WT: 35)	FT	283.000
0051	611E07400	18" CONDUIT, TYPE B, 706.01, 707.12 OR 707.33 (WT: 35)	FT	191.000
0052	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	1,353.000
0053	611E16400	36" CONDUIT, TYPE B, 706.01, 707.12 OR 707.33 (WT: 35)	FT	54.000
0054	611E16600	36" CONDUIT, TYPE C (WT: 35)	FT	33.000
0055	611E97400	CONDUIT, MISC.: TYPE B FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	5.000
0056	611E97400	CONDUIT, MISC.: TYPE C FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	5.000
0057	611E97400	CONDUIT, MISC.: TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	5.000
0058	611E97400	CONDUIT, MISC.: TYPE F FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	5.000
0059	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	8.000
0060	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	1.000
0061	611E98300	CATCH BASIN, NO. 5 (WT: 35)	EACH	2.000
0062	611E98370	CATCH BASIN, NO. 6 (WT: 35)	EACH	2.000
0063	611E98390	CATCH BASIN, NO. 7 (WT: 35)	EACH	1.000
0064	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	19.000
0065	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	2.000
0066	611E99582	MANHOLE, NO. 3 WITH 90" BASE I.D. AND 8" WEIR (WT: 35)	EACH	1.000
0067	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
0068	611E99720	INSPECTION WELL (WT: 35)	EACH	1.000
0069	895E10020	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 2 (WT: 35)	EACH	1.000

Total 0003 DRAINAGE

Section 0004 PAVEMENT

0070	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	2,984.000
0071	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5"-3.25" (WT: 13)	SY	480.000
0072	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	668.000
0073	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	526.000
0074	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	575.000
0075	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	294.000
0076	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	14.000
0077	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG70-22M (WT: 10)	CY	357.000
0078	441E50401	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), AS PER PLAN, PG64-22 (WT: 10)	CY	12.000
0079	609E26000	CURB, TYPE 6 (WT: 38)	FT	1,749.000
0080	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	41.000
0081	690E98100	SPECIAL - REINFORCEMENT MESH FOR LONGITUDINAL JOINTS (WT: 10)	FT	2,344.000

Total 0004 PAVEMENT

Section 0005	TRAFFIC CONTROL			
0082	621E00100	RPM (WT: 41)	EACH	46.000
0083	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	30.000
0084	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	15.000
0085	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	52.000
0086	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	10.000
0087	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	18.000
0088	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0089	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	3.000
0090	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	4.000
0091	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	7.000
0092	630E87520	REMOVAL OF POLE MOUNTED SIGN AND REERECTION (WT: 42)	EACH	10.000
0093	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.050

0094	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.030
0095	644E00300	CENTER LINE (WT: 45)	MILE	0.280
0096	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	400.000
0097	644E00500	STOP LINE (WT: 45)	FT	110.000
0098	644E01300	LANE ARROW (WT: 45)	EACH	5.000
0099	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	45.000

Total 0005 TRAFFIC CONTROL

Section	0006	TRAFFIC SIGNALS		
0100	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	20.000
0101	625E29000	TRENCH (WT: 43)	FT	20.000
0102	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	1.000
0103	625E31510	PULL BOX REMOVED (WT: 43)	EACH	4.000
0104	625E32000	GROUND ROD (WT: 43)	EACH	3.000
0105	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	20.000
0106	625E76000	ARC FLASH CALCULATIONS AND LABEL, CONTROLLER (WT: NR)	EACH	1.000
0107	632E05006	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, BLACK (WT: 44)	EACH	8.000
0108	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	8.000
0109	632E30200	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES (WT: 44)	FT	128.000
0110	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	FT	128.000
0111	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	305.000
0112	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	211.000
0113	632E64000	STRAIN POLE FOUNDATION (WT: 44)	EACH	2.000
0114	632E69300	POWER CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	FT	30.000
0115	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0116	632E86501	STRAIN POLE, TYPE TC-81.11, INSTALLATION ONLY, AS PER PLAN (DESIGN 13) (WT: 44)	EACH	2.000
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	633E74001	UNINTERRUPTIBLE POWER SUPPLY (UPS), AS PER PLAN (WT: 44)	EACH	1.000
0122	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	2.000
0123	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	2.000
0124	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
Total 0006		TRAFFIC SIGNALS		
Section	0007	MAINTENANCE OF TRAFFIC		
0125	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	50.000
0126	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0127	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	40.000
0128	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	40.000
0129	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	72.000
0130	616E10000	WATER (WT: NR)	MGAL	6.000
Total 0007		MAINTENANCE OF TRAFFIC		
Section	0008	RETAINING WALLS (STA-183-0984)		
0131	503E11100	COFFERDAMS AND EXCAVATION BRACING (STA-183-0984) (WT: 34)	LS	1.000
Total 0008		RETAINING WALLS (STA-183-0984)		
Section	0009	INCIDENTALS		
0132	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0133	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0134	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0135	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0136	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0009		INCIDENTALS		

Project Number: 210177

PID: 110585

Union

MAR

SR/DEL/MAR-SR 4-Var Parts 1&2 (PART 1 AND PART 2)

E191(006)

DBE Goal: 7%

Date Set for Completion: 9/15/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGE OF RICHWOOD, CLAIBOURNE, THOMPSON, AND PROSPECT TOWNSHIPS, OF UNION, DELAWARE, AND MARION COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLANING AND RESURFACING THE SPECIFIED SECTIONS OF STATE ROUTE 4, INCLUDING ALL OTHER ITEMS OF WORK. THIS PORTION OF WORK INCLUDES AN EXTENSIVE AMOUNT OF PARTIAL DEPTH PAVEMENT REPAIRS. THIS IS PART 1 OF THE PROJECT. PART 2 INCLUDES OVERLAYING THE SPECIFIED PORTION OF STATE ROUTE 37 NEAR RICHWOOD, INCLUDING ALL OTHER ITEMS OF WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY (PART 1)		
0001	202E38001	GUARDRAIL REMOVED, AS PER PLAN (WT: NR)	FT	81.250
0002	202E42001	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN (WT: NR)	EACH	2.000
0003	202E42011	ANCHOR ASSEMBLY REMOVED, TYPE E, AS PER PLAN (WT: NR)	EACH	1.000
0004	202E98100	REMOVAL MISC.: CAR WINDSHIELD REMOVED (WT: NR)	EACH	1.000
0005	202E98100	REMOVAL MISC.: SNOW PLOWS REMOVED (WT: NR)	EACH	3.000
0006	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	46.000
0007	209E60500	LINEAR GRADING (WT: 06)	MILE	3.530
0008	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	7.660
0009	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	287.500
0010	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0011	623E38501	MONUMENT ASSEMBLY, AS PER PLAN (WT: NR)	EACH	3.000

Total 0001		ROADWAY (PART 1)		
Section 0002	EROSION CONTROL (PART 1)			
0012	659E00300	TOPSOIL (WT: 46)	CY	463.000
0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	4,169.000
0014	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.560
0015	659E31000	LIME (WT: 46)	ACRE	0.870
0016	659E35000	WATER (WT: 46)	MGAL	23.000
0017	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0002		EROSION CONTROL (PART 1)		
Section 0003	PAVEMENT (PART 1)			
0018	251E01041	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, TYPE A (WT: 16)	SY	10,927.000
0019	251E01041	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, TYPE B (WT: 16)	SY	217.000
0020	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE 1.50" (WT: 13)	SY	3,765.000
0021	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE 1.75" (WT: 13)	SY	86,667.000
0022	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	11,142.000
0023	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	3,333.000
0024	441E10200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446) (WT: 10)	CY	2,845.000
0025	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	128.000
0026	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	425.000
0027	617E25000	WATER (WT: NR)	MGAL	3.000
0028	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	5.660
0029	874E21000	LONGITUDINAL JOINT PREPARATION (WT: 10)	MILE	5.660
Total 0003		PAVEMENT (PART 1)		
Section 0004	TRAFFIC CONTROL (PART 1)			
0030	621E00100	RPM (WT: 41)	EACH	409.000
0031	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	409.000
0032	626E00110	BARRIER REFLECTOR, TYPE 2 (BI- DIRECTIONAL) (WT: NR)	EACH	4.000

0033	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0034	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	3.000
0035	644E00104	EDGE LINE, 6" (WT: 45)	MILE	11.820
0036	644E00300	CENTER LINE (WT: 45)	MILE	6.000
0037	644E00500	STOP LINE (WT: 45)	FT	114.000
0038	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.060
0039	646E10200	CENTER LINE (WT: 45)	MILE	0.030
Total 0004		TRAFFIC CONTROL (PART 1)		
Section	0005	STRUCTURE REPAIR (UNI-4-2578) (PART 1)		
0040	516E31200	SPECIAL - SAWING AND SEALING BITUMINOUS CONCRETE JOINTS (WT: 29)	FT	52.000
0041	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	52.000
0042	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	23.000
Total 0005		STRUCTURE REPAIR (UNI-4-2578) (PART 1)		
Section	0006	STRUCTURE REPAIR (MAR-4-0179) (PART 1)		
0043	516E31200	SPECIAL - SAWING AND SEALING BITUMINOUS CONCRETE JOINTS (WT: 29)	FT	26.000
0044	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	23.000
Total 0006		STRUCTURE REPAIR (MAR-4-0179) (PART 1)		
Section	0007	MAINTENANCE OF TRAFFIC (PART 1)		
0045	614E12461	WORK ZONE MARKING SIGN, AS PER PLAN (WT: 39)	EACH	34.000
0046	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	11.340
0047	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	228.000
Total 0007		MAINTENANCE OF TRAFFIC (PART 1)		
Section	0008	EROSION CONTROL (PART 2)		
0048	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0008		EROSION CONTROL (PART 2)		
Section	0009	PAVEMENT (PART 2)		
0049	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	759.000
0050	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	372.000
Total 0009		PAVEMENT (PART 2)		

Section	0010	TRAFFIC CONTROL (PART 2)		
0051	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.410
0052	644E00500	STOP LINE (WT: 45)	FT	36.000
Total	0010	TRAFFIC CONTROL (PART 2)		
Section	0011	MAINTENANCE OF TRAFFIC (PART 2)		
0053	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	4.000
0054	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.410
Total	0011	MAINTENANCE OF TRAFFIC (PART 2)		
Section	0012	INCIDENTALS (PART 1 AND PART 2)		
0055	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0056	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0057	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0058	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0059	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0012	INCIDENTALS (PART 1 AND PART 2)		

Project Number: 210178

PID: 110282

Wayne

SR 94-18.76

E190(723)

Date Set for Completion: 6/30/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING WAY-94-18.76 IN WAYNE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE EXISTING 42" CMP WITH A 42", 748.06 CONDUIT INSTALLED BY BORING AND JACKING.

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	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	16.000
0004	202E38201	GUARDRAIL REMOVED FOR REUSE, AS PER PLAN (WT: NR)	FT	75.000
0005	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT (42") (WT: NR)	FT	96.000
0006	203E10000	EXCAVATION (WT: 06)	CY	7.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	16.000
0008	606E16001	GUARDRAIL REBUILT, AS PER PLAN (WT: 36)	FT	75.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0009	601E11000	RIPRAP, TYPE D (WT: 35)	SY	6.000
0010	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	7.000
0011	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0012	659E00300	TOPSOIL (WT: 46)	CY	27.000
0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	242.000
0014	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	12.000
0015	659E15000	INTER-SEEDING (WT: 46)	SY	12.000
0016	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.030

0017	659E31000	LIME (WT: 46)	ACRE	0.050
0018	659E35000	WATER (WT: 46)	MGAL	1.340
0019	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0020	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0021	602E20000	CONCRETE MASONRY (WT: 35)	CY	2.700
0022	611E96600	CONDUIT, BORED OR JACKED, 748.06 (0.500), 42" (WT: 35)	FT	115.000
Total	0003	DRAINAGE		
Section	0004	MAINTENANCE OF TRAFFIC		
0023	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	350.000
0024	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	2.000
0025	614E13310	BARRIER REFLECTOR, TYPE 1 (BI-DIRECTIONAL) (WT: NR)	EACH	12.000
0026	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	12.000
0027	622E41111	PORTABLE BARRIER, ANCHORED, AS PER PLAN (WT: 39)	FT	270.000
Total	0004	MAINTENANCE OF TRAFFIC		
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: 210179

PID: 106346

Wyandot

SRTS Carey

E171(443)

DBE Goal: 5.0%

Date Set for Completion: 7/31/2021

Type: BIKEWAYS

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGE OF CAREY, IN WYANDOT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING MULTI-USE PATH AND CONCRETE WALK, 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	60.000
0003	202E23000	PAVEMENT REMOVED (ASPHALT) (WT: NR)	SY	1,123.000
0004	202E30000	WALK REMOVED (WT: NR)	SF	393.000
0005	202E32000	CURB REMOVED (WT: NR)	FT	23.000
0006	203E10000	EXCAVATION (WT: 06)	CY	736.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	178.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	2,181.000
0009	608E12000	5" CONCRETE WALK (WT: 38)	SF	1,810.000
0010	608E13000	6" CONCRETE WALK (WT: 38)	SF	321.000
0011	608E52000	CURB RAMP (WT: 38)	SF	440.000
0012	608E53020	DETECTABLE WARNING (WT: 38)	SF	44.000
0013	690E50600	SPECIAL - BOLLARD (WT: NR)	EACH	2.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0014	659E00300	TOPSOIL (WT: 46)	CY	175.000
0015	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	1,137.000
0016	659E35000	WATER (WT: 46)	MGAL	6.440
0017	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	417.000

0018	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0019	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0020	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0021	832E30000	EROSION CONTROL (WT: 08)	EACH	13,500.000
Total 0002		EROSION CONTROL		
Section	0003	PAVEMENT		
0022	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	22.000
0023	304E20000	AGGREGATE BASE (WT: 09)	CY	311.000
0024	407E10000	TACK COAT (WT: 10)	GAL	203.000
0025	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	65.000
0026	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	78.000
0027	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	32.000
0028	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	2.000
0029	609E26000	CURB, TYPE 6 (WT: 38)	FT	285.000
0030	609E28000	CURB, TYPE 7 (WT: 38)	FT	118.000
Total 0003		PAVEMENT		
Section	0004	WATER WORK		
0031	638E10900	SERVICE BOX ADJUSTED TO GRADE (WT: 35)	EACH	2.000
Total 0004		WATER WORK		
Section	0005	TRAFFIC CONTROL		
0032	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	132.000
0033	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	66.000
0034	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
0035	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.170
0036	644E00300	CENTER LINE (WT: 45)	MILE	0.070
0037	644E00500	STOP LINE (WT: 45)	FT	86.000
0038	644E00600	CROSSWALK LINE (WT: 45)	FT	1,034.000
0039	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	54.000
0040	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	1,087.000
Total 0005		TRAFFIC CONTROL		

Section	0006	ITEMS OF WORK (ADDITIVE ALTERNATE 1, CRABAPPLE DRIVE)		
0041	201E11000	CLEARING AND GRUBBING (A1) (WT: 01)	LS	1.000
0042	202E23000	PAVEMENT REMOVED (ASPHALT) (A1) (WT: NR)	SY	2.000
0043	202E32000	CURB REMOVED (A1) (WT: NR)	FT	7.000
0044	203E10000	EXCAVATION (A1) (WT: 06)	CY	44.000
0045	204E10000	SUBGRADE COMPACTION (A1) (WT: 06)	SY	2.000
0046	301E46000	ASPHALT CONCRETE BASE, PG64-22 (A1) (WT: 10)	CY	1.000
0047	304E20000	AGGREGATE BASE (A1) (WT: 09)	CY	1.000
0048	407E10000	TACK COAT (A1) (WT: 10)	GAL	1.000
0049	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (A1) (WT: 10)	CY	1.000
0050	608E12000	5" CONCRETE WALK (A1) (WT: 38)	SF	1,072.000
0051	608E52000	CURB RAMP (A1) (WT: 38)	SF	62.000
0052	614E11000	MAINTAINING TRAFFIC (A1) (WT: 39)	LS	1.000
0053	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (A1) (WT: NR)	LS	1.000
0054	624E10000	MOBILIZATION (A1) (WT: NR)	LS	1.000
0055	638E10800	VALVE BOX ADJUSTED TO GRADE (A1) (WT: 35)	EACH	2.000
0056	659E00300	TOPSOIL (A1) (WT: 46)	CY	27.000
0057	659E00500	SEEDING AND MULCHING, CLASS 1 (A1) (WT: 46)	SY	141.000
0058	659E35000	WATER (A1) (WT: 46)	MGAL	0.760
0059	670E00500	SLOPE EROSION PROTECTION (A1) (WT: 46)	SY	98.000
0060	832E30000	EROSION CONTROL (A1) (WT: 08)	EACH	1,500.000
Total	0006	ITEMS OF WORK (ADDITIVE ALTERNATE 1, CRABAPPLE DRIVE)		
Section	0007	INCIDENTALS		
0061	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0062	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0063	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	3.000
0064	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0065	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0007	INCIDENTALS		

Project Number: 210180

PID: 110959

Wyandot

US 23-09.60

E191(263)

DBE Goal: 5%

Date Set for Completion: 8/1/2021

Type: GUARDRAIL REBUILDING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE TOWNSHIPS OF CRANE AND SALEM, IN WYANDOT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY INSTALLING CABLE BARRIER WITH A NO MOW STRIP 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	1,370.000
0002	606E55010	SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION (WT: 36)	FT	27,723.000
0003	606E55150	SPECIAL - CABLE BARRIER, ANCHOR ASSEMBLY (WT: 36)	EACH	32.000
0004	690E98300	SPECIAL - MISC.: NO MOW STRIP (WT: 38)	SY	12,322.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0005	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	30.000
0006	659E10000	SEEDING AND MULCHING (WT: 46)	SY	3,081.000
0007	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.400
0008	659E35000	WATER (WT: 46)	MGAL	9.000
0009	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0010	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0011	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0012	832E30000	EROSION CONTROL (WT: 08)	EACH	40,000.000
Total	0002	EROSION CONTROL		

Section 0003		DRAINAGE		
0013	605E31100	AGGREGATE DRAINS (WT: 35)	FT	100.000
0014	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	100.000
0015	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	20.000
Total 0003		DRAINAGE		
Section 0004		TRAFFIC CONTROL		
0016	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0017	630E86010	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION (WT: 42)	EACH	3.000
Total 0004		TRAFFIC CONTROL		
Section 0005		MAINTENANCE OF TRAFFIC		
0018	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	160.000
0019	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	10.000
0020	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	20.000
0021	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	2.000
Total 0005		MAINTENANCE OF TRAFFIC		
Section 0006		INCIDENTALS		
0022	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0023	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0024	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0025	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0006		INCIDENTALS		

Project Number: 210181

PID: 85529

Cuyahoga

IR-IR 71-10.48

EDGE Goal: 7%

Date Set for Completion: 10/15/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS WITHIN THE CITIES OF BROOKLYN AND CLEVELAND, AND THE VILLAGE OF LINNDALE, WITHIN CUYAHOGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLANING AND RESURFACING INTERSTATE 71 FROM SLM 10.48 TO SLM 14.66, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT INCLUDES PLANING AND RESURFACING THE INTERCHANGE RAMP AT W. 150TH ST., W. 130TH ST., AND BELLAIRE RD.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	209E60201	LINEAR GRADING, AS PER PLAN (WT: 06)	STA	263.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0002	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0003	611E98631	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	27.000
0004	611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	EACH	5.000
0005	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	1.000
0006	611E99660	MANHOLE RECONSTRUCTED TO GRADE (WT: 35)	EACH	1.000
0007	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	5,000.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0008	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN A (WT: 16)	SY	2,893.000
0009	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN B (WT: 16)	SY	1,500.000

0010	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 2" (WT: 13)	SY	373,995.000
0011	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	31,790.000
0012	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	14,723.000
0013	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76- 22M, 2" (WT: 10)	CY	3,015.000
0014	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN, PG76- 22M, 2" (WT: 10)	CY	17,810.000
0015	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	160.000
0016	618E40601	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN (WT: NR)	MILE	9.150
0017	872E10000	VOID REDUCING ASPHALT MEMBRANE (VRAM) (WT: 10)	FT	14,528.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0018	621E00100	RPM (WT: 41)	EACH	2,320.000
0019	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,740.000
0020	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	24.190
0021	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	25.960
0022	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	11,011.000
0023	646E10400	STOP LINE (WT: 45)	FT	212.000
0024	646E10500	CROSSWALK LINE (WT: 45)	FT	240.000
0025	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	124.000
0026	646E10620	CHEVRON MARKING (WT: 45)	FT	582.000
0027	646E20300	LANE ARROW (WT: 45)	EACH	36.000
0028	646E20320	WRONG WAY ARROW (WT: 45)	EACH	7.000
0029	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	9,405.000
0030	642E01560	DOTTED LINE, 12", TYPE 1 (WT: 45)	FT	2,580.000
Total 0005		TRAFFIC CONTROL		
Section 0006	TRAFFIC SIGNALS			
0031	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	3.000
Total 0006		TRAFFIC SIGNALS		
Section 0007	MAINTENANCE OF TRAFFIC			
0032	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	500.000

0033	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	18.000
0034	614E13001	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	CY	100.000
0035	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	12.000
0036	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	25.960
0037	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	25.960
0038	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	24.190
0039	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	24.190
0040	614E23210	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT (WT: 39)	FT	11,011.000
0041	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	11,011.000
0042	614E24202	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT (WT: 39)	FT	9,405.000
0043	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	9,405.000
0044	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	212.000
0045	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	212.000
0046	614E27200	WORK ZONE CROSSWALK LINE, CLASS I, 642 PAINT (WT: 39)	FT	240.000
0047	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	240.000
0048	614E30200	WORK ZONE ARROW, CLASS I, 642 PAINT (WT: 39)	EACH	36.000
0049	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	36.000
0050	630E97800	SIGNING, MISC.: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER (WT: 42)	SF	300.000
0051	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	42.000

Total 0007 MAINTENANCE OF TRAFFIC

Section 0008	INCIDENTALS			
0052	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0053	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000

0054	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	6.000
0055	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0056	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

Project Number: 210182

PID: 101468

D03

CRA, ERI, HUR

PM FY2021(A)

Date Set for Completion: 9/30/2021

Type: PAVEMENT MARKING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF THE COUNTIES OF ASHLAND, CRAWFORD, ERIE, HURON, LORAIN, MEDINA, RICHLAND, AND WAYNE COUNTIES, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY FURNISHING AND APPLYING FAST DRY WATER-BASED TRAFFIC PAINT, POLYESTER-BASED PAVEMENT MARKING, AND EPOXY-BASED PAVEMENT MARKINGS ALONG THE SPECIFIED ROUTES.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	EROSION CONTROL		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0001	EROSION CONTROL		
Section	0002	PAVEMENT		
0002	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	22.000
0003	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	4.000
Total	0002	PAVEMENT		
Section	0003	TRAFFIC CONTROL		
0004	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	1,569.860
0005	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	436.980
0006	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	507.350
0007	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	2,000.000
0008	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	2,000.000
0009	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	1,000.000
0010	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	2,500.000
0011	642E01110	SCHOOL SYMBOL MARKING, 96", TYPE 1 (WT: 45)	EACH	4.000
0012	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	40.000

0013	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	5,000.000
0014	642E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	14,359.000
0015	642E30010	REMOVAL OF PAVEMENT MARKING (WT: 45)	SF	100.000
0016	642E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	71.000
0017	643E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	12,499.000
0018	643E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	85,706.000
0019	643E00500	STOP LINE (WT: 45)	FT	8,385.000
0020	643E00600	CROSSWALK LINE (WT: 45)	FT	1,688.000
0021	643E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	31,535.000
0022	643E00900	ISLAND MARKING (WT: 45)	SF	144.000
0023	643E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	27.000
0024	643E01110	SCHOOL SYMBOL MARKING, 96" (WT: 45)	EACH	18.000
0025	643E01200	PARKING LOT STALL MARKING (WT: 45)	FT	4,413.000
0026	643E01300	LANE ARROW (WT: 45)	EACH	758.000
0027	643E01310	WRONG WAY ARROW (WT: 45)	EACH	24.000
0028	643E01410	WORD ON PAVEMENT, 96" (WT: 45)	EACH	35.000
0029	643E01510	DOTTED LINE, 6" (WT: 45)	FT	24,307.000
0030	643E01600	HANDICAP SYMBOL MARKING (WT: 45)	EACH	4.000
0031	643E40000	SPEED MEASUREMENT MARKING (WT: 45)	EACH	18.000
0032	643E50100	PAVEMENT MARKING, MISC.: BIKE CROSSING SYMBOL (WT: 45)	EACH	1.000
0033	643E50100	PAVEMENT MARKING, MISC.: LANE REDUCTION ARROW (WT: 45)	EACH	34.000
0034	646E10010	EDGE LINE, 6" (WT: 45)	MILE	1.870
0035	646E10110	LANE LINE, 6" (WT: 45)	MILE	1.340
0036	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	1,070.000
0037	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	3,495.000
0038	646E10400	STOP LINE (WT: 45)	FT	203.000
0039	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	600.000
0040	646E20300	LANE ARROW (WT: 45)	EACH	37.000

Total 0003 TRAFFIC CONTROL

Section 0004	INCIDENTALS			
0041	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0042	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0043	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0004 INCIDENTALS

Project Number: 210183

PID: 111632

D04

MAH, POR, STA

CS FY2021

Date Set for Completion: 9/30/2021

Type: CRACK SEALING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE COUNTIES OF ASHTABULA, MAHONING, PORTAGE, STARK, SUMMIT, AND TRUMBULL, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PREVENTATIVE MAINTENANCE BY CRACK SEALING THE SPECIFIED AREAS OF ROADWAY AND PARKING LOT.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	PAVEMENT		
0001	423E00250	CRACK SEALING, TYPE IV (WT: NR)	SY	3,415,583.000
Total	0001	PAVEMENT		
Section	0002	TRAFFIC CONTROL		
0002	642E00114	EDGE LINE, 6", TYPE 1A (WT: 45)	MILE	5.000
0003	642E00210	LANE LINE, 4", TYPE 1A (WT: 45)	MILE	5.000
0004	642E00214	LANE LINE, 6", TYPE 1A (WT: 45)	MILE	5.000
0005	642E00310	CENTER LINE, TYPE 1A (WT: 45)	MILE	5.000
0006	642E00410	CHANNELIZING LINE, 8", TYPE 1A (WT: 45)	FT	100.000
0007	642E00414	CHANNELIZING LINE, 12", TYPE 1A (WT: 45)	FT	100.000
0008	642E00510	STOP LINE, TYPE 1A (WT: 45)	FT	100.000
0009	642E01516	DOTTED LINE, 6", TYPE 1A (WT: 45)	FT	100.000
Total	0002	TRAFFIC CONTROL		
Section	0003	MAINTENANCE OF TRAFFIC		
0010	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	150.000
0011	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0012	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	40.000
0013	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000
Total	0003	MAINTENANCE OF TRAFFIC		

Section 0004		INCIDENTALS		
0014	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0015	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0016	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0004		INCIDENTALS		

Project Number: 210184

PID: 100769

D06

MAD, MAR, MRW

RPM FY21

Date Set for Completion: 10/31/2021

Type: RAISED PAVEMENT MARKERS

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY WITHIN FAYETTE, MADISON, MARION, MORROW, AND PICKAWAY COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING RAISED PAVEMENT MARKER REFLECTORS AND PLACING RAISED PAVEMENT MARKERS ALONG SPECIFIED SECTIONS OF ROADWAY.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section 0001	TRAFFIC CONTROL			
0001	621E00100	RPM (WT: 41)	EACH	3,152.000
0002	621E00300	RPM REFLECTOR (WT: 41)	EACH	36,207.000
Total 0001	TRAFFIC CONTROL			
Section 0002	MAINTENANCE OF TRAFFIC			
0003	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	150.000
Total 0002	MAINTENANCE OF TRAFFIC			
Section 0003	INCIDENTALS			
0004	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0005	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0006	624E10000	MOBILIZATION (WT: NR)	LS	1.000
0007	624E15001	MOBILIZATION, AS PER PLAN (WT: NR)	EACH	4.000
Total 0003	INCIDENTALS			

Project Number: 210185

PID: 103261

D07

CHP, CLA, DAR

FDPM FY21

Date Set for Completion: 8/31/2021

Type: PAVEMENT MARKING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN AUGLAIZE, CHAMPAIGN, CLARK, DARKE, MERCER, MIAMI, MONTGOMERY, AND SHELBY COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING FAST DRY PAVEMENT CENTER LINE AND EDGE LINE MARKINGS ALONG SPECIFIED ROUTES THROUGHOUT ODOT DISTRICT 7.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	TRAFFIC CONTROL		
0001	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	3,185.380
0002	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	1,359.410
Total	0001	TRAFFIC CONTROL		
Section	0002	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	0002	INCIDENTALS		

Project Number: 210186

PID: 92601

Geauga

SR-SR 44-08.88

EDGE Goal: 6.0%

Date Set for Completion: 9/30/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY WITHIN MUNSON AND NEWBURY TOWNSHIPS, OF GEAUGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING 4.27 MILES OF STATE ROUTE 44 FROM KLINSMAN ROAD TO MAYFIELD ROAD, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT INCLUDES A LARGE AMOUNT OF PAVEMENT REPAIRS AND INSTALATION OF DETECTOR LOOPS AT 2 INTERSECTIONS.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	2,050.000
0002	203E40000	BORROW (WT: 06)	CY	32.000
0003	209E15001	RESHAPING UNDER GUARDRAIL, AS PER PLAN (WT: 06)	STA	20.400
0004	209E60201	LINEAR GRADING, AS PER PLAN (WT: 06)	STA	396.000
0005	209E72051	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	MILE	7.510
0006	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	700.000
0007	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	887.500
0008	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, (MASH 2016) (WT: 36)	EACH	7.000
0009	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	6.000
0010	623E39501	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN (WT: NR)	EACH	4.000
0011	623E39600	MONUMENT BOX RECONSTRUCTED TO GRADE (WT: NR)	EACH	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0012	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		

Section 0003		DRAINAGE		
0013	611E98631	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000
0014	611E99151	INLET ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000
0015	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	500.000
Total 0003		DRAINAGE		
Section 0004		PAVEMENT		
0016	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	200.000
0017	253E02000	PAVEMENT REPAIR (WT: 16)	CY	2,000.000
0018	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 1.5" (WT: 13)	SY	70,739.000
0019	254E01011	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE, AS PER PLAN, 1.5" (WT: 13)	SY	167.000
0020	304E20000	AGGREGATE BASE (WT: 09)	CY	50.000
0021	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	10,454.000
0022	441E10101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), AS PER PLAN, PG70-22M, 1.5" (WT: 10)	CY	2,829.000
0023	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22, 1.5" (WT: 10)	CY	51.000
0024	441E50201	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN, 1.0" (WT: 10)	CY	1,873.000
0025	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), 2" (WT: 10)	CY	209.000
0026	441E50701	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL), AS PER PLAN (WT: 10)	CY	87.000
0027	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	490.200
0028	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	5,462.000
Total 0004		PAVEMENT		
Section 0005		WATER WORK		
0029	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000
Total 0005		WATER WORK		
Section 0006		TRAFFIC CONTROL		
0030	620E00500	DELINEATOR, POST GROUND MOUNTED, TYPE C (WT: NR)	EACH	4.000

0031	620E00500	DELINEATOR, POST GROUND MOUNTED, TYPE D (WT: NR)	EACH	4.000
0032	621E00100	RPM (WT: 41)	EACH	296.000
0033	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	222.000
0034	626E00110	BARRIER REFLECTOR, TYPE 2, BI- DIRECTIONAL (WT: NR)	EACH	31.000
0035	646E10010	EDGE LINE, 6" (WT: 45)	MILE	8.280
0036	646E10200	CENTER LINE (WT: 45)	MILE	4.200
0037	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	150.000
0038	646E10400	STOP LINE (WT: 45)	FT	200.000
0039	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	145.000
0040	646E20300	LANE ARROW (WT: 45)	EACH	3.000
0041	690E98400	SPECIAL - INVENTORY EXISTING PAVEMENT MARKINGS (WT: NR)	LS	1.000
Total 0006 TRAFFIC CONTROL				
Section 0007 TRAFFIC SIGNALS				
0042	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	6.000
Total 0007 TRAFFIC SIGNALS				
Section 0008 MAINTENANCE OF TRAFFIC				
0043	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	80.000
0044	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	22.000
0045	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	50.000
0046	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000
0047	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	16.800
0048	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	4.200
0049	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	16.560
0050	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	8.280
0051	614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	300.000
0052	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	150.000
0053	614E25200	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 642 PAINT (WT: 39)	FT	290.000

0054	614E25620	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS III, 642 PAINT (WT: 39)	FT	145.000
0055	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	400.000
0056	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	200.000
0057	614E30200	WORK ZONE ARROW, CLASS I, 642 PAINT (WT: 39)	EACH	6.000
0058	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	3.000
0059	630E97800	SIGNING, MISC.:ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY THE ENGINEER (WT: 42)	SF	300.000

Total 0008 MAINTENANCE OF TRAFFIC

Section 0009	INCIDENTALS			
0060	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0061	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0062	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	6.000
0063	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0064	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0009 INCIDENTALS

Project Number: 210187

PID: 107260

Monroe

SR 260-01.48

EDGE Goal: 5.0%

Date Set for Completion: 10/1/2021

Type: SLIDE REPAIR

Plan Cost: N/A

FOR IMPROVING A SECTION IN MONROE COUNTY, OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY LANDSLIDE REPAIR USING DRILLED SHAFT AND PRECAST LAGGING PANELS, AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section 0001	ROADWAY			
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	533.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	41.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	463.000
0005	202E98100	REMOVAL MISC.: PILE EXTRACTION (WT: NR)	EACH	6.000
0006	203E10000	EXCAVATION (WT: 06)	CY	141.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	244.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	737.000
0009	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	462.500
0010	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	112.500
0011	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	1.000
Total 0001	ROADWAY			
Section 0002	EROSION CONTROL			
0012	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	3.000
0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,801.000
0014	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.240
0015	659E31000	LIME (WT: 46)	ACRE	0.370
0016	659E35000	WATER (WT: 46)	MGAL	10.000

0017	832E30000	EROSION CONTROL (WT: 08)	EACH	2,761.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0018	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	441.000
0019	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	17.000
0020	611E08700	21" CONDUIT, TYPE A, 706.02 (WT: 35)	FT	53.000
0021	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0022	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	121.000
0023	304E20000	AGGREGATE BASE (WT: 09)	CY	373.000
0024	407E10000	TACK COAT (WT: 10)	GAL	243.000
0025	408E10000	PRIME COAT (WT: 10)	GAL	41.000
0026	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	121.000
0027	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	5.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0028	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.340
0029	644E00300	CENTER LINE (WT: 45)	MILE	0.170
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0030	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	4.000
0031	614E12740	WORK ZONE LIGHTING SYSTEM (WT: 39)	EACH	1.000
0032	614E13310	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	14.000
0033	614E13312	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	13.000
0034	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	27.000
0035	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	1.000
0036	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.320
0037	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	0.510

0038	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	0.160
0039	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	20.000
0040	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0041	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	348.000
0042	616E10000	WATER (WT: NR)	MGAL	1.000
0043	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	660.000

Total 0006 MAINTENANCE OF TRAFFIC

Section	0007	RETAINING WALLS		
0044	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0045	507E00400	STEEL PILES, MISC.: SOLDIER PILES, HP12X63 FURNISHED, AS PER PLAN (WT: 34)	FT	3,386.000
0046	511E46511	CLASS QC1 CONCRETE, FOOTING, AS PER PLAN (WT: 34)	CY	17.000
0047	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 34)	CY	101.000
0048	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	446.000
0049	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	5.000
0050	524E94503	DRILLED SHAFTS, 24" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	2,299.000
0051	524E94505	DRILLED SHAFTS, 24" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	1,210.000
0052	524E95000	DRILLED SHAFTS, MISC.: EXTENSION (WT: 34)	FT	42.000
0053	530E00400	SPECIAL - STRUCTURES PRECAST CONCRETE LAGGING NO.1 (WT: 34)	EACH	472.000
0054	530E00400	SPECIAL - STRUCTURES PRECAST CONCRETE LAGGING NO.2 (WT: 34)	EACH	1.000
0055	530E00400	SPECIAL - STRUCTURES PRECAST CONCRETE LAGGING NO.3 (WT: 34)	EACH	1.000

Total 0007 RETAINING WALLS

Section	0008	INCIDENTALS		
0056	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0057	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0058	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000

0059	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

Project Number: 210188

PID: 105631

Ottawa

SIGN FY2021

EDGE Goal: 5.0%

Date Set for Completion: 10/1/2021

Type: SIGNING

Plan Cost: \$48.00

FOR IMPROVING VARIOUS SECTIONS IN OTTAWA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING SYSTEMATIC SIGN REPLACEMENT OUTSIDE CITIES AND VILLAGES.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section 0001	ROADWAY			
0001	630E03101	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN (WT: 42)	FT	29,152.000
0002	630E08601	SIGN POST REFLECTOR, AS PER PLAN (FLOURESCENT YELLOW) (WT: 42)	EACH	608.000
0003	630E08601	SIGN POST REFLECTOR, AS PER PLAN (RED) (WT: 42)	EACH	766.000
0004	630E08601	SIGN POST REFLECTOR, AS PER PLAN (WHITE) (WT: 42)	EACH	82.000
0005	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	16,464.000
0006	630E84501	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION, AS PER PLAN (WT: 42)	EACH	75.000
0007	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2,853.000
0008	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	30.000
0009	630E86003	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL, AS PER PLAN (WT: NR)	EACH	2,108.000
0010	630E97900	SIGNING, MISC.:4"x6" WOOD POST (WT: 42)	FT	200.000
0011	630E97900	SIGNING, MISC.:6"x8" WOOD POST (WT: 42)	FT	1,198.000
Total 0001	ROADWAY			
Section 0002	INCIDENTALS			
0012	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000

0013	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0014	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0002		INCIDENTALS		

Project Number: 210189
PID: 109342
Ross
Scioto Trails SF Resurf ODNR

EDGE Goal: 5.0%
Date Set for Completion: 9/15/2021
Type: PARKING AREAS

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN FRANKLIN TOWNSHIP, ROSS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING, PAVEMENT REPAIRS, CHIP SEALING, AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section 0001	PAVEMENT			
0001	251E01001	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN (WT: 16)	SY	6,011.000
0002	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	2,706.000
0003	422E11000	AGGREGATE, SINGLE CHIP SEAL, TYPE A (WT: 11)	SY	15,423.000
0004	422E25000	EMULSION, CHIP SEAL (WT: 11)	GAL	6,169.000
0005	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), 1.5" (WT: 10)	CY	1,027.000
0006	441E50201	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN, SPOT LEVELING, 1.5" (WT: 10)	CY	300.000
Total 0001	PAVEMENT			
Section 0002	TRAFFIC CONTROL			
0007	644E00104	EDGE LINE, 6" (WT: 45)	MILE	4.200
0008	644E00300	CENTER LINE (WT: 45)	MILE	2.100
0009	644E01200	PARKING LOT STALL MARKING (WT: 45)	FT	210.000
0010	644E01600	HANDICAP SYMBOL MARKING (WT: 45)	EACH	1.000
Total 0002	TRAFFIC CONTROL			
Section 0003	MAINTENANCE OF TRAFFIC			
0011	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	8.000
0012	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	4.200

0013	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	8.400
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Total 0003	MAINTENANCE OF TRAFFIC
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Section 0004	INCIDENTALS
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0014	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0015	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0016	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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Total 0004	INCIDENTALS
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Project Number: 214006

PID: 90915

Ashland

SR 302-01.19

E150(510)

SBE Set-Aside

Date Set for Completion: 10/8/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING ASD-302-1.19 IN ASHLAND COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE EXISTING PIPE ARCH CULVERT WITH A 12' X 6' BOX CULVERT.

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	202E11001	STRUCTURE REMOVED, AS PER PLAN (WT: 35)	LS	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	130.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	117.000
0005	203E10000	EXCAVATION (WT: 06)	CY	106.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	550.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	289.000
0008	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	2.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0009	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	71.000
0010	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0011	659E00300	TOPSOIL (WT: 46)	CY	198.000
0012	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,788.000
0013	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	89.000
0014	659E15000	INTER-SEEDING (WT: 46)	SY	89.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.250
0016	659E31000	LIME (WT: 46)	ACRE	0.370
0017	659E35000	WATER (WT: 46)	MGAL	9.900

0018	832E30000	EROSION CONTROL (WT: 08)	EACH	2,500.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0019	605E31100	AGGREGATE DRAINS (WT: 35)	FT	54.000
0020	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	45.000
0021	611E06400	15" CONDUIT, TYPE D (WT: 35)	FT	32.000
0022	611E07900	18" CONDUIT, TYPE D (WT: 35)	FT	40.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0023	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (3.0") (WT: 13)	SY	130.000
0024	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	67.000
0025	304E20000	AGGREGATE BASE (WT: 09)	CY	86.000
0026	407E10000	TACK COAT (WT: 10)	GAL	50.000
0027	442E10501	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (448), AS PER PLAN, PG64-22 (WT: 10)	CY	32.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0028	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.060
0029	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.030
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0030	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	STRUCTURE 20 FOOT SPAN AND UNDER (ASD-302-0120)		
0031	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0032	503E21100	UNCLASSIFIED EXCAVATION (WT: 35)	CY	33.000
0033	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	4,516.000
0034	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	33.000
0035	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	CY	11.000
0036	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	51.000
0037	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	124.000

0038	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	3.000
0039	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	LS	1.000
0040	611E95800	12' X 6' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	70.000
Total 0007 STRUCTURE 20 FOOT SPAN AND UNDER (ASD-302-0120)				
Section 0008	INCIDENTALS			
0041	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0042	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0043	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	4.000
0044	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0045	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008 INCIDENTALS				

Project Number: 214007

PID: 107265

Athens

SR 56-04.97

E190(894)

SBE Set-Aside

Date Set for Completion: 8/1/2021

Type: SLIDE REPAIR

Plan Cost: N/A

FOR IMPROVING A SECTION IN ATHENS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING A LANDSLIDE USING EXCAVATION AND PLACEMENT OF DUMPED ROCK FILL AS WELL AS 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	202E38200	GUARDRAIL REMOVED FOR REUSE (WT: NR)	FT	200.000
0003	202E42806	ANCHOR ASSEMBLY REMOVED FOR REUSE (WT: NR)	EACH	1.000
0004	203E10000	EXCAVATION (WT: 06)	CY	264.000
0005	203E20000	EMBANKMENT (WT: 06)	CY	242.000
0006	203E35121	GRANULAR MATERIAL, TYPE C, AS PER PLAN, 703.16 (WT: 06)	CY	84.000
0007	606E16560	GUARDRAIL REBUILT, TYPE MGS WITH LONG POSTS (WT: 36)	FT	200.000
0008	606E27850	ANCHOR ASSEMBLY REBUILT, TYPE E (WT: 36)	EACH	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0009	601E27001	DUMPED ROCK FILL, TYPE C, AS PER PLAN (WT: 35)	CY	1,293.000
0010	659E10000	SEEDING AND MULCHING (WT: 46)	SY	322.000
0011	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.040
0012	659E31000	LIME (WT: 46)	ACRE	0.070
0013	659E35000	WATER (WT: 46)	MGAL	0.870
0014	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000

Total 0002		EROSION CONTROL		
Section 0003	PAVEMENT			
0015	304E20000	AGGREGATE BASE (WT: 09)	CY	79.000
0016	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	104.000
0017	408E10000	PRIME COAT (WT: 10)	GAL	67.000
0018	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	54.000
0019	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	14.000
Total 0003		PAVEMENT		
Section 0004	TRAFFIC CONTROL			
0020	621E00100	RPM (WT: 41)	EACH	11.000
0021	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	11.000
0022	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.160
0023	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.080
Total 0004		TRAFFIC CONTROL		
Section 0005	MAINTENANCE OF TRAFFIC			
0024	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0025	614E12740	WORK ZONE LIGHTING SYSTEM (WT: 39)	EACH	1.000
0026	614E13310	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	5.000
0027	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	5.000
0028	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	0.020
0029	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	24.000
0030	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	220.000
Total 0005		MAINTENANCE OF TRAFFIC		
Section 0006	INCIDENTALS			
0031	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0032	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0033	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0034	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0006		INCIDENTALS		

Project Number: 214008

PID: 101947

Mahoning

SR 164-00.88/02.84

E170(121)

SBE Set-Aside

Date Set for Completion: 8/31/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING MAH-164-0.88/2.84 IN MAHONING COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING SINGLE SPAN CONCRETE SLAB STRUCTURES WITH A 16' X 9' BOX CULVERT AND A 10' X 7' BOX CULVERT.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E23000	PAVEMENT REMOVED (WT: NR)	SY	361.000
0002	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,560.000
0003	203E10000	EXCAVATION (WT: 06)	CY	182.000
0004	203E20000	EMBANKMENT (WT: 06)	CY	276.000
0005	203E35120	GRANULAR MATERIAL, TYPE C, 703.16 (WT: 06)	CY	100.000
0006	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	361.000
0007	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	200.000
0008	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	1,463.000
0009	606E17350	GUARDRAIL, TYPE MGS, 25' LONG-SPAN (WT: 36)	FT	100.000
0010	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	7.000
0011	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0012	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	20.000
0013	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	3.000

0014	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	20.000
0015	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	4.000
0016	659E00300	TOPSOIL (WT: 46)	CY	68.000
0017	659E10000	SEEDING AND MULCHING (WT: 46)	SY	610.000
0018	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	31.000
0019	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.080
0020	659E31000	LIME (WT: 46)	ACRE	0.130
0021	659E35000	WATER (WT: 46)	MGAL	4.000
0022	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0023	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.250
0024	605E05200	4" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	20.000
0025	605E31100	AGGREGATE DRAINS (WT: 35)	FT	200.000
0026	611E00406	4" CONDUIT, TYPE F (WT: 35)	FT	40.000
0027	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	60.000
0028	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	60.000
0029	611E06100	15" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	246.000
0030	611E98300	CATCH BASIN, NO. 5 (WT: 35)	EACH	2.000
0031	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	4.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0032	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T = 3") (WT: 13)	SY	1,055.000
0033	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	130.000
0034	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	91.000
0035	304E20000	AGGREGATE BASE (WT: 09)	CY	61.000
0036	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	151.000
0037	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	20.000
0038	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	90.000
Total 0004		PAVEMENT		
Section	0005	WATER WORK		

0039	638E98000	WATER WORK, MISC.: MAINTAIN EXISTING WATERLINE (WT: 35)	EACH	1.000
Total 0005		WATER WORK		
Section	0006	TRAFFIC CONTROL		
0040	621E00100	RPM (WT: 41)	EACH	4.000
0041	626E00110	BARRIER REFLECTOR, TYPE 2 (BI-DIRECTIONAL) (WT: NR)	EACH	16.000
0042	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.040
0043	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.020
Total 0006		TRAFFIC CONTROL		
Section	0007	MAINTENANCE OF TRAFFIC		
0044	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	50.000
0045	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0046	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	20.000
0047	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 10)	CY	10.000
0048	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	4.000
0049	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.040
0050	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.040
0051	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.080
Total 0007		MAINTENANCE OF TRAFFIC		
Section	0008	STRUCTURE 20 FOOT SPAN AND UNDER (MAH-164-0088)		
0052	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0053	202E11000	STRUCTURE REMOVED (WT: 35)	LS	1.000
0054	203E10000	EXCAVATION (WT: 06)	CY	50.000
0055	203E35120	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	50.000
0056	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	100.000
0057	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0058	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0059	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	6,412.000
0060	511E46210	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING (WT: 35)	CY	63.000

0061	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	29.000
0062	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	109.000
0063	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	123.000
0064	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	117.000
0065	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	58.000
0066	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	LS	1.000
0067	601E10000	RIPRAP (WT: 35)	SY	12.000
0068	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	53.000
0069	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	10.000
0070	611E96455	16' X 9' CONDUIT, TYPE A, 706.05, AS PER PLAN (WT: 35)	FT	50.000
0071	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	15.000
0072	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	2.000
0073	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0074	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000

Total 0008 STRUCTURE 20 FOOT SPAN AND UNDER (MAH-164-0088)

Section	0009	STRUCTURE 20 FOOT SPAN AND UNDER (MAH-164-0285)		
0075	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0076	202E11000	STRUCTURE REMOVED (WT: 35)	LS	1.000
0077	203E10000	EXCAVATION (WT: 06)	CY	50.000
0078	203E35120	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	50.000
0079	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	100.000
0080	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0081	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0082	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	5,910.000
0083	511E46211	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN (WT: 35)	CY	63.000
0084	511E46511	CLASS QC1 CONCRETE, FOOTING, AS PER PLAN (WT: 35)	CY	10.000

0085	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	114.000
0086	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	230.000
0087	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	58.000
0088	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	LS	1.000
0089	601E10001	RIPRAP, AS PER PLAN (WT: 35)	SY	12.000
0090	601E32101	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER, AS PER PLAN (WT: 35)	CY	47.000
0091	611E10401	24" CONDUIT, TYPE B, AS PER PLAN, 706.02 (WT: 35)	FT	30.000
0092	611E95401	10' X 7' CONDUIT, TYPE A, 706.05, AS PER PLAN (WT: 35)	FT	60.000
0093	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	15.000
0094	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	2.000
0095	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0096	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000

Total 0009 STRUCTURE 20 FOOT SPAN AND UNDER (MAH-164-0285)

Section 0010	INCIDENTALS			
0097	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0098	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0099	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0100	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0101	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0010 INCIDENTALS

Project Number: 217002

PID: 108723

Belmont

CR 214 6.580

E180(739)

Date Set for Completion: 7/31/2021

Type: SLIDE REPAIR

Plan Cost: N/A

FOR IMPROVING A SECTION OF PULTNEY TOWNSHIP, OF BELMONT COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING A 115 FOOT LONG DRILLED SHAFT PLUG PILE WALL ON CR-214 FOR STABILIZATION, INCLUDING ALL OTHER RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section 0001	ROADWAY			
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	147.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	163.000
0004	203E10000	EXCAVATION (WT: 06)	CY	49.000
0005	203E20000	EMBANKMENT (WT: 06)	CY	5.000
0006	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	272.000
0007	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	38.000
0008	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	19.000
0009	204E30040	GRANULAR MATERIAL, TYPE E (WT: 06)	CY	19.000
0010	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0011	606E15201	GUARDRAIL, TYPE MGS HALF POST SPACING WITH LONG POSTS, AS PER PLAN (WT: 36)	FT	162.500
Total 0001	ROADWAY			
Section 0002	EROSION CONTROL			
0012	601E32000	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER (WT: 35)	CY	4.000
0013	659E10001	SEEDING AND MULCHING, AS PER PLAN (WT: 46)	SY	147.000
0014	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total 0002	EROSION CONTROL			

Section 0003		DRAINAGE		
0015	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.400
0016	611E07201	18" CONDUIT, TYPE A, AS PER PLAN, 707.33 (WT: 35)	FT	38.000
Total 0003		DRAINAGE		
Section 0004		PAVEMENT		
0017	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	19.000
0018	304E20000	AGGREGATE BASE (WT: 09)	CY	49.000
0019	407E10000	TACK COAT (WT: 10)	GAL	9.000
0020	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	12.000
0021	423E00204	CRACK SEALING, TYPE II (WT: NR)	SY	6.000
0022	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	7.000
Total 0004		PAVEMENT		
Section 0005		TRAFFIC CONTROL		
0023	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	5.000
0024	642E00100	EDGE LINE, 4", TYPE 1 (WT: 45)	MILE	0.020
0025	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.020
Total 0005		TRAFFIC CONTROL		
Section 0006		MAINTENANCE OF TRAFFIC		
0026	616E10000	WATER (WT: NR)	MGAL	5.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section 0007		RETAINING WALLS (001)		
0027	507E00400	STEEL PILES, MISC.: HP12x63, FURNISHED (WT: 28)	FT	930.000
0028	524E94503	DRILLED SHAFTS, 24" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	620.000
0029	524E94505	DRILLED SHAFTS, 24" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	310.000
0030	524E95000	DRILLED SHAFTS, MISC.: PLUG PILE, 24" DIAMETER, UNREINFORCED (WT: 28)	FT	290.000
Total 0007		RETAINING WALLS (001)		
Section 0008		INCIDENTALS		
0031	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0032	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000

0033	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0034	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

Project Number: 218001

PID: 114446

Allen

US 30 14.93

EDGE Goal: 9.0%

Date Set for Completion: 7/1/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING ALL-30-14.93 IN ALLEN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING BRIDGE NO. ALL-30-1493, BY REPLACING A PORTION OF THE DECK, REPLACING A PORTION OF ONE FASCIA BEAM, HEAT STRAIGHTENING ANOTHER BEAM AND PERFORMING OTHER RELATED REPAIRS.

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	MAINTENANCE OF TRAFFIC		
0002	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	80.000
0003	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	1.000
0004	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	1.000
0005	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	3.000
0006	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	1.250
0007	614E24402	WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	FT	420.000
Total	0002	MAINTENANCE OF TRAFFIC		
Section	0003	STRUCTURE OVER 20 FOOT SPAN (ALL-30-14.93)		
0008	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	LS	1.000
0009	509E10001	EPOXY COATED REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	34,917.000
0010	511E34444	CLASS QC2 CONCRETE, BRIDGE DECK (WT: 21)	CY	117.000

0011	511E34448	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 21)	CY	27.000
0012	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	197.000
0013	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: NR)	SY	6.000
0014	513E10241	STRUCTURAL STEEL MEMBERS, LEVEL 2, AS PER PLAN (WT: 24)	LB	17,286.000
0015	513E21001	TRIMMING OF BEAM END, AS PER PLAN (WT: 29)	EACH	1.000
0016	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	1,212.000
0017	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	1,212.000
0018	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	1,212.000
0019	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	1,212.000
0020	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	2.000
0021	516E46200	BEARING DEVICE, ROCKER (WT: 21)	EACH	2.000
0022	516E46700	RESET BEARING (WT: 29)	EACH	5.000
0023	516E47000	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE (WT: 29)	LS	1.000
0024	518E12300	SCUPPERS, INCLUDING SUPPORTS (WT: 21)	EACH	4.000
0025	614E13310	BARRIER REFLECTOR, TYPE 1 (BI-DIRECTIONAL) (WT: NR)	EACH	4.000
0026	849E10000	DAMAGE ASSESSMENT (WT: 32)	LS	1.000
0027	849E10500	SURFACE PREPARATION (WT: 32)	LS	1.000
0028	849E10600	REPAIRING DAMAGED MEMBERS BY GRINDING (WT: 32)	HOUR	7.000
0029	849E10700	STRAIGHTENING DAMAGED MEMBERS (WT: 32)	LS	1.000
Total	0003	STRUCTURE OVER 20 FOOT SPAN (ALL-30-14.93)		
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	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	3.000
0033	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0034	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0004	INCIDENTALS		

Office of Contracts

Change of Address Form

Please complete this form and return it to:

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Attn: Customer Service
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Columbus, Ohio 43216**

Old Address (For prompt service attach old label here)

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

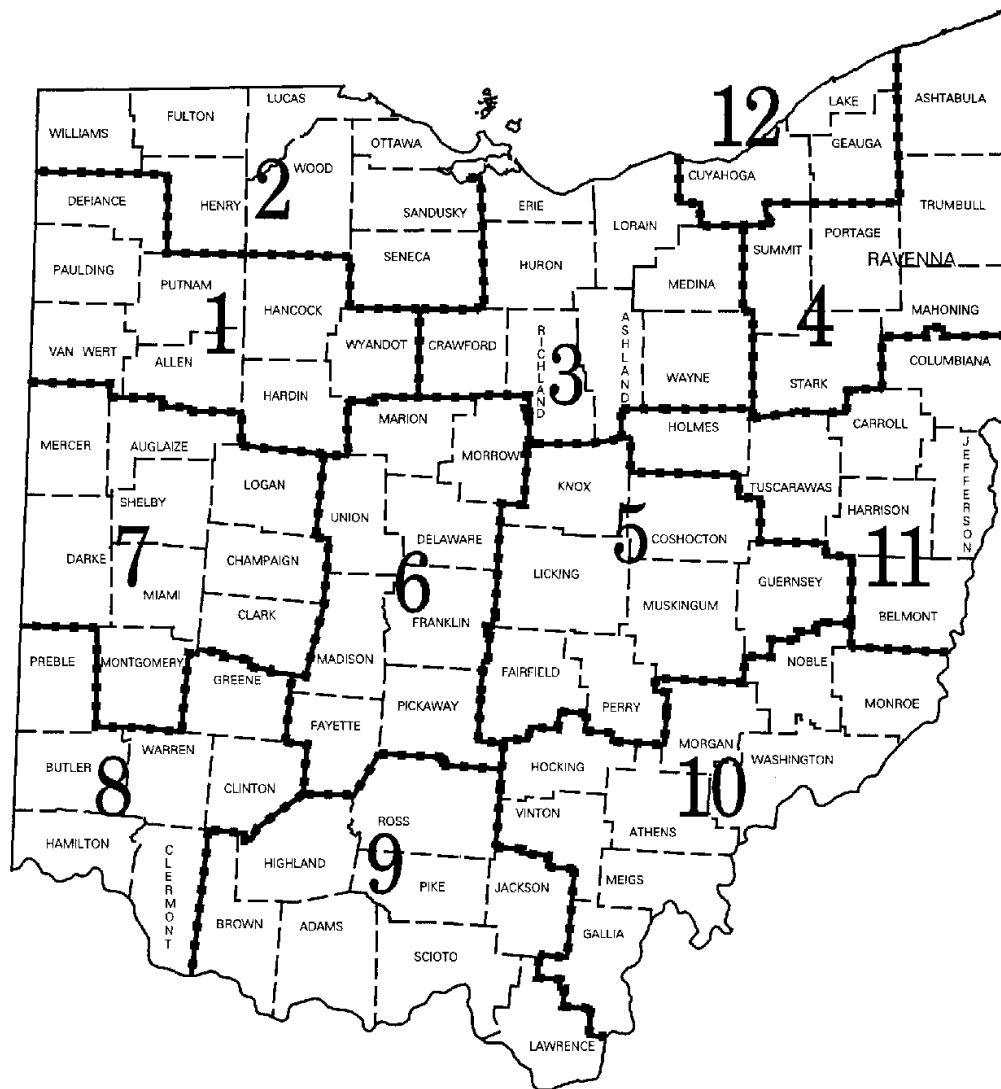
New Address (Print or Type PLEASE)

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

(Signature - Name and Title)

(Date)

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5.	9600 Jacksontown Road, P.O. Box 306, Jacksontown, Ohio 43030	740-323-4400
6.	400 East Williams St., Delaware, Ohio 43015	740-363-1251
7.	1001 St. Mary's Ave, P.O. Box 969, Sidney, Ohio 45365	937-492-1141
8.	505 South State Rt. 741, Lebanon, Ohio 45036	513-932-3030
9.	650 Eastern Ave., P.O. Box 467, Chillicothe, Ohio 45601	740-773-2691
10.	338 Muskingum Drive, Marietta, Ohio 45750	740-373-0212
11.	2201 Reiser Ave SE, New Philadelphia, Ohio 44663	330-339-6633
12.	5500 Transportation Boulevard, Garfield Heights, Ohio 44125-5396	
	Mail: Box 258003, Garfield Heights, Ohio 44125-8003	216-581-2100

Central Office

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