

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
COLUMBUS, OHIO

**PROPOSED HIGHWAY
IMPROVEMENTS FOR CONTRACT
LETTING**

October 15, 2020

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



See Back Cover for District Information

An Equal Opportunity Employer

Thursday, October 15, 2020

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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: 200440

PID: 106404

Hamilton

US 27-10.39

E180(037)

DBE Goal: 6%

Date Set for Completion: 7/31/2021

Type: SIDEWALK

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN COLERAIN TOWNSHIP, HAMILTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING SIDEWALK, CURB, AND GUTTER, CROSSWALKS WITH RECTANGULAR RAPID FLASHING BEACONS, VARIOUS WATER LINE WORK, 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	907.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	296.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	259.000
0006	202E58000	MANHOLE REMOVED (WT: NR)	EACH	1.000
0007	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	4.000
0008	203E10000	EXCAVATION (WT: 06)	CY	951.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	218.000
0010	203E35130	GRANULAR MATERIAL, TYPE D (WT: 06)	CY	5.000
0011	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,246.000
0012	608E10000	4" CONCRETE WALK (WT: 38)	SF	5,861.000
0013	608E52000	CURB RAMP (WT: 38)	SF	978.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0015	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0016	659E00300	TOPSOIL (WT: 46)	CY	246.000
0017	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,230.000
0018	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	111.000

0019	659E15000	INTER-SEEDING (WT: 46)	SY	111.000
0020	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.300
0021	659E31000	LIME (WT: 46)	ACRE	0.500
0022	659E35000	WATER (WT: 46)	MGAL	12.000
0023	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0024	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0025	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0026	832E30000	EROSION CONTROL (WT: 08)	EACH	10,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0027	602E20000	CONCRETE MASONRY (WT: 35)	CY	4.000
0028	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	914.000
0029	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	45.000
0030	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	16.000
0031	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	94.000
0032	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	12.000
0033	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	184.000
0034	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	47.000
0035	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	4.000
0036	611E98410	CATCH BASIN, NO. 8 (WT: 35)	EACH	1.000
0037	611E98451	CATCH BASIN, NO. 2-2A, AS PER PLAN (WT: 35)	EACH	2.000
0038	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	5.000
0039	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	2.000
0040	611E98690	CATCH BASIN, MISC.:EX. CATCH BASIN: ABANDON AND CONNECT THROUGH (WT: 35)	EACH	2.000
0041	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	2.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0043	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	1,729.000
0044	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1" (WT: 13)	SY	21.000
0045	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	139.000
0046	304E20000	AGGREGATE BASE (WT: 09)	CY	157.000
0047	305E12010	8" CONCRETE BASE, CLASS QC 1P (WT: 12)	SY	290.000

0048	407E10000	TACK COAT (WT: 10)	GAL	30.000
0049	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	1.000
0050	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	36.000
0051	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	1,125.000
0052	609E26000	CURB, TYPE 6 (WT: 38)	FT	503.000
0053	609E54000	6" CONCRETE TRAFFIC ISLAND (WT: 38)	SY	10.000

Total 0004 PAVEMENT

Section	0005	WATER WORK		
0100	638E20760	SPECIAL - FIRE HYDRANT REMOVED AND DISPOSED OF(CIN. 1114) (WT: NR)	EACH	2.000
0101	638E20766	SPECIAL - 3/4" COPPER WATER SERVICE LINE (CIN. 1126) (WT: 35)	FT	63.000
0102	638E98000	WATER WORK, MISC.: FURNISHING AND INSTALLING CURB AND ROADWAY BOX (RENEW) (CIN. 1131) (WT: 35)	EACH	1.000
0103	638E20762	SPECIAL - FIRE HYDRANT SERVICE LINE EXTENDED AND ADJUSTED TO GRADE (CIN. 1115) (WT: 35)	EACH	3.000
0104	638E20498	SPECIAL - VALVE BOX (CIN. 1116) (WT: 35)	EACH	2.000
0105	638E20748	SPECIAL - 4" FIRE HYDRANT (CIN. 1112) (WT: 35)	EACH	2.000
0106	638E98000	WATER WORK, MISC.: RELOCATING EXISTING 5/8" FROST-PROOF METER SETTING (CIN. 1134) (WT: 35)	EACH	1.000
0107	638E20040	SPECIAL - 6" WATER MAIN DIP CLASS 52 MECHANICAL JOINTS AND FITTINGS (CIN. 1101) (WT: 35)	FT	57.000

Total 0005 WATER WORK

Section	0006	OTHER UTILITIES		
0063	611E99700	SPECIAL - GAS VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	4.000

Total 0006 OTHER UTILITIES

Section	0007	TRAFFIC CONTROL		
0064	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	98.000
0065	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	2.000
0066	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	117.000

0067	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	2.000
0068	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0069	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0070	630E95000	SIGNING, MISC.: OVERHEAD MOUNTED SOLAR POWERED RRFB ASSEMBLY (WT: 42)	LS	1.000
0071	630E97700	SIGNING, MISC.: POLE MOUNTED SOLAR POWERED RRFB ASSEMBLY (WT: 42)	EACH	1.000
0072	642E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	840.000
0073	642E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	2.000
0074	644E00300	CENTER LINE (WT: 45)	MILE	0.020
0075	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	57.000
0076	644E00500	STOP LINE (WT: 45)	FT	56.000
0077	644E00600	CROSSWALK LINE (WT: 45)	FT	1,083.000
0078	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	281.000
0079	644E01300	LANE ARROW (WT: 45)	EACH	1.000
0080	644E20800	YIELD LINE (WT: 45)	FT	96.000

Total 0007 TRAFFIC CONTROL

Section	0008	TRAFFIC SIGNALS		
0081	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	30.000
0082	625E29000	TRENCH (WT: 43)	FT	30.000
0083	625E32000	GROUND ROD (WT: 43)	EACH	2.000
0084	625E36000	PLASTIC CAUTION TAPE (WT: NR)	FT	30.000
0085	632E20720	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2 (WT: 44)	EACH	3.000
0086	632E20750	ACCESSIBLE PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	2.000
0087	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	3.000
0088	632E30500	MESSENGER WIRE, MISC.: UNLASH AND RELASH (WT: 44)	FT	166.000
0089	632E40300	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	256.000
0090	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	256.000
0091	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	6.000
0092	632E89900	PEDESTAL, 8', TRANSFORMER BASE (WT: 44)	EACH	2.000

0093	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: PEDESTRIAN HEAD, PUSHBUTTON, AND WIRING (WT: 44)	EACH	8.000
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Total 0008 TRAFFIC SIGNALS

Section 0009 MISCELLANEOUS STRUCTURE

0094	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: NR)	LS	1.000
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0095	608E98200	WALKWAY, MISC.: 4" CONCRETE WALK (WT: 38)	EACH	1.000
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Total 0009 MISCELLANEOUS STRUCTURE

Section 0010 INCIDENTALS

0096	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0097	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0098	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
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0099	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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Total 0010 INCIDENTALS

Project Number: 200467

PID: 103161

Cuyahoga

IR 90-07.58/VAR Slope

E190(248)

DBE Goal: 7%

Date Set for Completion: 9/30/2021

Type: MISCELLANEOUS

Plan Cost: N/A

FOR IMPROVING CUY-90-7.58/VAR. IN CUYAHOGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING SLOPE PROTECTION AND SCOUR AT THREE STRUCTURES.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0002	202E23010	PAVEMENT REMOVED, ASPHALT (WT: NR)	SY	185.000
0003	203E10000	EXCAVATION (WT: 06)	CY	100.000
0004	203E20000	EMBANKMENT (WT: 06)	CY	100.000
0005	209E10001	DITCH CLEANOUT, AS PER PLAN (WT: 06)	FT	50.000
0006	607E98000	FENCE, MISC.: CONSTRUCTION FENCE (WT: NR)	FT	250.000
0007	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	1.000
0008	690E98400	SPECIAL - SITE ACCESS (WT: NR)	LS	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0009	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	45.000
0010	832E30000	EROSION CONTROL (WT: 08)	EACH	35,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0011	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	16.000
0012	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
Total	0003	DRAINAGE		

Section 0004		PAVEMENT		
0013	253E01000	PAVEMENT REPAIR (WT: 16)	SY	3,547.000
0014	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" AVG.) (WT: 13)	SY	35,467.000
0015	255E10160	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS (WT: 17)	SY	256.000
0016	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	954.000
0017	304E20000	AGGREGATE BASE (WT: 09)	CY	42.000
0018	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	3,192.000
0019	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	4.000
0020	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	1,495.000
0021	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	276.000
0022	617E20000	SHOULDER PREPARATION (WT: 06)	SY	4,935.000
Total 0004		PAVEMENT		
Section 0005		TRAFFIC CONTROL		
0023	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	127.500
0024	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	3.000
0025	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	75.000
0026	642E00100	EDGE LINE, 4", TYPE 1 (WT: 45)	MILE	5.380
0027	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	2.690
0028	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	215.000
0029	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	159.000
0030	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	1,217.000
0031	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	8.000
0032	642E19000	SHARED LANE MARKING, TYPE 1 (WT: 45)	EACH	6.000
Total 0005		TRAFFIC CONTROL		
Section 0006		MAINTENANCE OF TRAFFIC		
0033	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	80.000
0034	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0035	614E18002	MAINTAINING TRAFFIC, MISC.: CANOE TRAFFIC (WT: 39)	LS	1.000
0036	614E18002	MAINTAINING TRAFFIC, MISC.: CANOE WARNING SIGNS (WT: 39)	LS	1.000
0037	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	18.000
0038	616E10000	WATER (WT: NR)	MGAL	5.000

Total 0006		MAINTENANCE OF TRAFFIC		
Section 0007	STRUCTURE REPAIR (CUY-10-0869 SFN 1801325 - LOCATION 1)			
0039	202E70110	SPECIAL - PIPE CLEANOUT, 24" AND UNDER (WT: NR)	FT	872.000
0040	601E26000	DUMPED ROCK FILL, TYPE B (WT: 35)	CY	309.000
0041	607E98000	FENCE, MISC.: CONSTRUCTION FENCE (WT: NR)	FT	2,660.000
0042	611E99900	DRAINAGE STRUCTURE, MISC.: CATCH BASIN AND MANHOLE CLEANOUT (WT: 35)	EACH	14.000
Total 0007		STRUCTURE REPAIR (CUY-10-0869 SFN 1801325 - LOCATION 1)		
Section 0008	STRUCTURE REPAIR (CUY-90-0758 SFN 1808567 - LOCATION 2)			
0043	202E70110	SPECIAL - PIPE CLEANOUT, 24" AND UNDER (WT: NR)	FT	438.000
0044	202E70120	SPECIAL - PIPE CLEANOUT, 27" TO 48" (WT: NR)	FT	431.000
0045	209E10001	DITCH CLEANOUT, AS PER PLAN (WT: 06)	FT	145.000
0046	516E10010	ARMORLESS PREFORMED JOINT SEAL (WT: 27)	FT	5.000
0047	601E20010	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	CY	1,118.000
0048	601E28000	DUMPED ROCK FILL, TYPE D (WT: 35)	CY	50.000
0049	601E32000	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER (WT: 35)	CY	1,479.000
0050	607E98000	FENCE, MISC.: CONSTRUCTION FENCE (WT: NR)	FT	1,629.000
0051	611E98231	CATCH BASIN, NO. 4, AS PER PLAN (WT: 35)	EACH	1.000
0052	611E99900	DRAINAGE STRUCTURE, MISC.: CATCH BASIN AND MANHOLE CLEANOUT (WT: 35)	EACH	8.000
0053	838E20751	GABIONS WITH ADDITIONAL COATING, AS PER PLAN (WT: 35)	CY	654.000
Total 0008		STRUCTURE REPAIR (CUY-90-0758 SFN 1808567 - LOCATION 2)		
Section 0009	STRUCTURE REPAIR (CUY-480-0647 SFN 1812831 - LOCATION 3)			
0054	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	364.000
0055	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	20.000
0056	202E38200	GUARDRAIL REMOVED FOR REUSE (WT: NR)	FT	25.000
0057	202E58000	MANHOLE REMOVED (WT: NR)	EACH	1.000
0058	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	4.000

0059	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT (WT: NR)	FT	90.000
0060	202E70110	SPECIAL - PIPE CLEANOUT, 24" AND UNDER (WT: NR)	FT	108.000
0061	202E70120	SPECIAL - PIPE CLEANOUT, 27" TO 48" (WT: NR)	FT	317.000
0062	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	125.000
0063	203E20000	EMBANKMENT (WT: 06)	CY	308.000
0064	601E20010	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	CY	3,729.000
0065	601E32000	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER (WT: 35)	CY	2,082.000
0066	601E34400	ROCK CHANNEL PROTECTION, WITH GROUT, TYPE A (WT: 35)	CY	57.000
0067	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.300
0068	606E16500	GUARDRAIL REBUILT, TYPE 5 (WT: 36)	FT	25.000
0069	607E98000	FENCE, MISC.: CONSTRUCTION FENCE (WT: NR)	FT	3,297.000
0070	611E06100	15" CONDUIT, TYPE C, WITH PREMIUM JOINTS (WT: 35)	FT	520.000
0071	611E07600	18" CONDUIT, TYPE C, WITH PREMIUM JOINTS (WT: 35)	FT	26.000
0072	611E08200	18" CONDUIT, TYPE F (WT: 35)	FT	70.000
0073	611E16600	36" CONDUIT, TYPE C (WT: 35)	FT	20.000
0074	611E97400	CONDUIT, MISC.: 16" CONDUIT, TYPE F, 748.01, CLASS 52, WITH RESTRAINED MECHANICAL JOINTS (WT: 35)	FT	205.000
0075	611E98300	CATCH BASIN, NO. 5 (WT: 35)	EACH	7.000
0076	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	4.000
0077	611E99575	MANHOLE, NO. 3, AS PER PLAN (WT: 35)	EACH	4.000
0078	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0079	659E00300	TOPSOIL (WT: 46)	CY	57.000
0080	659E10000	SEEDING AND MULCHING (WT: 46)	SY	507.000
0081	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	26.000
0082	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.070
0083	659E31000	LIME (WT: 46)	ACRE	0.100
0084	659E35000	WATER (WT: 46)	MGAL	3.000
0085	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	475.000

**Total 0009 STRUCTURE REPAIR (CUY-480-0647 SFN 1812831 -
LOCATION 3)**

Section 0010		INCIDENTALS		
0086	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0087	108E10000	CPM PROGRESS SCHEDULE (WT: NR)	LS	1.000
0088	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0089	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	9.000
0090	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0091	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0010		INCIDENTALS		

Project Number: 200476

PID: 102332

Marion

US 23-01.85/02.04

E170(477)

DBE Goal: 10%

Date Set for Completion: 10/31/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING SECTIONS OF US 23 IN WALDO TOWNSHIP, OF MARION COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE BRIDGE DECKS, PARAPETS, AND PORTIONS OF THE ABUTMENTS OF TWO TWIN STRUCTURES. PROJECT ALSO INCLUDES REPLACING GUARDRAIL, SOME RESURFACING PORTIONS OF US 23 AROUND THE STRUCTURES, AND REPLACEMENT OF PAVEMENT MARKINGS.

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	202E23010	PAVEMENT REMOVED, ASPHALT (WT: NR)	SY	6,682.000
0003	202E38001	GUARDRAIL REMOVED, AS PER PLAN (WT: NR)	FT	10,926.500
0004	202E42001	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN (WT: NR)	EACH	12.000
0005	202E42041	ANCHOR ASSEMBLY REMOVED, TYPE T, AS PER PLAN (WT: NR)	EACH	8.000
0006	202E47001	BRIDGE TERMINAL ASSEMBLY REMOVED, AS PER PLAN (WT: NR)	EACH	6.000
0007	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	2,376.000
0008	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	6,676.500
0009	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	4,162.500
0010	606E15550	GUARDRAIL, BARRIER DESIGN, TYPE MGS (WT: 36)	FT	387.500
0011	606E26151	ANCHOR ASSEMBLY, MGS TYPE E, AS PER PLAN (MASH 2016) (WT: 36)	EACH	7.000
0012	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	9.000
0013	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	8.000

0014	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	4.000
0015	606E60012	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL) (WT: 36)	EACH	4.000
0016	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
Total 0001		ROADWAY		
Section	0002	EROSION CONTROL		
0017	601E20010	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	CY	180.000
0018	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	150.000
0019	659E00300	TOPSOIL (WT: 46)	CY	788.000
0020	659E10000	SEEDING AND MULCHING (WT: 46)	SY	7,128.000
0021	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	356.000
0022	659E15000	INTER-SEEDING (WT: 46)	SY	356.000
0023	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.960
0024	659E31000	LIME (WT: 46)	ACRE	1.470
0025	659E35000	WATER (WT: 46)	MGAL	39.000
0026	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0027	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0028	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0029	832E30000	EROSION CONTROL (WT: 08)	EACH	33,000.000
Total 0002		EROSION CONTROL		
Section	0003	PAVEMENT		
0030	251E01020	PARTIAL DEPTH PAVEMENT REPAIR (442) (WT: 16)	SY	880.000
0031	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	3,668.000
0032	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE DEPTH (3.25") (WT: 13)	SY	7,177.000
0033	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	920.000
0034	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	105.000
0035	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	450.000
0036	609E24510	CURB, TYPE 4-C (WT: 38)	FT	168.000
0037	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	2,389.000

0038	618E40101	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN (WT: NR)	FT	8,830.000
0039	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	597.000
0301	304E20000	AGGREGATE BASE (WT: 09)	CY	214.000
Total 0003		PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0040	621E00100	RPM (WT: 41)	EACH	112.000
0041	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	112.000
0042	626E00102	BARRIER REFLECTOR, TYPE 1, ONE-WAY (WT: NR)	EACH	12.000
0043	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	9.000
0044	626E00110	BARRIER REFLECTOR, TYPE 2, ONE-WAY (WT: NR)	EACH	145.000
0045	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	56.000
0046	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	80.000
0047	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	24.000
0048	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	8.000
0049	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	8.000
0050	644E00104	EDGE LINE, 6" (WT: 45)	MILE	1.810
0051	644E00204	LANE LINE, 6" (WT: 45)	MILE	1.740
0052	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	896.000
0053	644E00720	CHEVRON MARKING (WT: 45)	FT	135.000
0054	644E01510	DOTTED LINE, 6" (WT: 45)	FT	881.000
0055	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.320
0056	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.160
0057	646E20504	DOTTED LINE, 6" (WT: 45)	FT	181.000
Total 0004		TRAFFIC CONTROL		
Section	0005	MAINTENANCE OF TRAFFIC		
0058	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
0059	614E12336	WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL) (WT: 39)	EACH	6.000
0060	614E12421	DETOUR SIGNING, AS PER PLAN (WT: 39)	LS	1.000
0061	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	4.000

0062	614E12756	WORK ZONE CROSSOVER LIGHTING SYSTEM (WT: 39)	EACH	2.000
0063	614E12800	WORK ZONE RAISED PAVEMENT MARKER (WT: 39)	EACH	47.000
0064	614E13310	BARRIER REFLECTOR, TYPE 1, ONE-WAY (WT: NR)	EACH	119.000
0065	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	23.000
0066	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	90.000
0067	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	15.000
0068	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	2.030
0071	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	1.600
0073	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	279.000
0075	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	554.000
0076	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0077	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	9,597.000
0078	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	5,590.000
0080	622E80000	GLARE SCREEN (WT: 38)	FT	5,590.000
0081	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	12.000
0082	896E00010	PORTABLE NON-INTRUSIVE TRAFFIC SENSOR, CLASS I (WT: 39)	SNMT	36.000
0083	896E00021	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	12.000
0302	873E22000	WORK ZONE EDGE LINE, CLASS I (WT: 39)	MILE	6.210
0303	873E23000	WORK ZONE CHANNELIZING LINE, CLASS I (WT: 39)	FT	862.000
0304	873E27000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	4,103.000

Total 0005 MAINTENANCE OF TRAFFIC

Section	0006	STRUCTURE OVER 20 FOOT SPAN (MAR-23-0185L, SFN 5100305)		
0084	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 19)	LS	1.000
0085	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	134.000
0086	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	809.000
0087	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000

0088	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000
0089	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	91,630.000
0090	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	EACH	221.000
0091	511E21522	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (WT: 21)	CY	282.000
0092	511E33501	SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN (WT: 21)	EACH	2.000
0093	511E34448	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 21)	CY	73.000
0094	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 21)	CY	83.000
0095	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	619.000
0096	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	2,980.000
0097	513E95030	STRUCTURAL STEEL, MISC.: 2" DIA. FIELD DRILLED HOLES (WT: 24)	EACH	30.000
0098	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	10,003.000
0099	514E00057	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT, AS PER PLAN (WT: 26)	SF	10,003.000
0100	514E00061	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT, AS PER PLAN (WT: 26)	SF	9,869.000
0101	514E00067	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT, AS PER PLAN, URETHANE (WT: 26)	SF	9,869.000
0102	514E00504	GRINDING FINES, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	33.000
0103	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	15.000
0104	516E10010	ARMORLESS PREFORMED JOINT SEAL (WT: 27)	FT	110.000
0105	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	2.000
0106	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	17.000
0107	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 27)	FT	144.000
0108	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (WT: 21)	FT	103.000
0109	516E41100	1/8" PREFORMED BEARING PAD (WT: 21)	EACH	20.000
0110	516E44200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (12"x10"x3.247") (WT: 21)	EACH	10.000

0111	516E44200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (14"x13"x3.5717") (WT: 21)	EACH	10.000
0112	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 21)	LS	1.000
0113	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	59.000
0114	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	112.000
0115	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	62.000
0116	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	59.000
0117	526E30000	REINFORCED CONCRETE APPROACH SLABS (T=17") (WT: 29)	SY	286.000
0118	526E90030	TYPE C INSTALLATION (WT: 29)	FT	112.000
0119	607E39900	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC (WT: 37)	FT	340.000
0120	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	4.000

Total 0006 STRUCTURE OVER 20 FOOT SPAN (MAR-23-0185L, SFN 5100305)

Section 0007	STRUCTURE OVER 20 FOOT SPAN (MAR-23-0185R, SFN 5100364)			
0121	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 19)	LS	1.000
0122	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	134.000
0123	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	812.000
0124	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0125	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000
0126	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	90,421.000
0127	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	EACH	208.000
0128	511E21522	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (WT: 21)	CY	283.000
0129	511E33501	SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN (WT: 21)	EACH	2.000
0130	511E34448	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 21)	CY	73.000
0131	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 21)	CY	83.000

0132	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	619.000
0133	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	2,980.000
0134	513E95030	STRUCTURAL STEEL, MISC.: 2" DIA. FIELD DRILLED HOLES (WT: 24)	EACH	30.000
0135	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	10,101.000
0136	514E00057	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT, AS PER PLAN (WT: 26)	SF	10,101.000
0137	514E00067	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT, AS PER PLAN, POLYSILOXANE (WT: 26)	SF	9,966.000
0138	514E00504	GRINDING FINES, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	33.000
0139	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	15.000
0140	516E10010	ARMORLESS PREFORMED JOINT SEAL (WT: 27)	FT	110.000
0141	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	2.000
0142	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	17.000
0143	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 27)	FT	144.000
0144	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (WT: 21)	FT	103.000
0145	516E41100	1/8" PREFORMED BEARING PAD (WT: 21)	EACH	20.000
0146	516E44200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (12"x10"x3.247") (WT: 21)	EACH	10.000
0147	516E44200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (14"x13"x3.5717") (WT: 21)	EACH	10.000
0148	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 21)	LS	1.000
0149	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	59.000
0150	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	113.000
0151	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	62.000
0152	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	50.000
0153	526E30000	REINFORCED CONCRETE APPROACH SLABS (T=17") (WT: 29)	SY	286.000

0154	526E90030	TYPE C INSTALLATION (WT: 29)	FT	111.000
0155	607E39900	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC (WT: 37)	FT	340.000
0156	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	4.000

Total 0007 STRUCTURE OVER 20 FOOT SPAN (MAR-23-0185R, SFN 5100364)

Section 0008	STRUCTURE OVER 20 FOOT SPAN (MAR-23-0204L, SFN 5100399)			
0157	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 19)	LS	1.000
0158	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	200.000
0159	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	733.000
0160	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0161	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000
0162	509E10001	EPOXY COATED REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	79,127.000
0163	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	EACH	186.000
0164	511E21522	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (WT: 21)	CY	242.000
0165	511E33501	SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN (WT: 21)	EACH	2.000
0166	511E34448	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 21)	CY	54.000
0167	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 21)	CY	72.000
0168	512E10050	SEALING OF CONCRETE SURFACES (NON- EPOXY) (WT: 57)	SY	464.000
0169	513E10260	STRUCTURAL STEEL MEMBERS, LEVEL 3 (WT: 24)	LB	124,066.000
0170	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	3,765.000
0171	513E95030	STRUCTURAL STEEL, MISC.: 2" DIA. FIELD DRILLED HOLES (WT: 24)	EACH	36.000
0172	516E10010	ARMORLESS PREFORMED JOINT SEAL (WT: 27)	FT	106.000
0173	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	2.000
0174	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	5.000
0175	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 27)	FT	136.000

0176	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (WT: 21)	FT	99.000
0177	516E41100	1/8" PREFORMED BEARING PAD (WT: 21)	EACH	24.000
0178	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (11"x9 1/2"x2.7226") (WT: 21)	EACH	12.000
0179	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (13"x12"x2.7226") (WT: 21)	EACH	12.000
0180	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	74.000
0181	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	139.000
0182	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	48.000
0183	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	50.000
0184	526E25001	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN (WT: 29)	SY	292.000
0185	526E90031	TYPE C INSTALLATION, AS PER PLAN (WT: 29)	FT	106.000
0186	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	4.000

Total 0008 STRUCTURE OVER 20 FOOT SPAN (MAR-23-0204L, SFN 5100399)

Section 0009	STRUCTURE OVER 20 FOOT SPAN (MAR-23-0204R, SFN 5100429)			
0187	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 19)	LS	1.000
0188	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	134.000
0189	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	588.000
0190	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0191	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000
0192	509E10001	EPOXY COATED REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	76,935.000
0193	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	EACH	160.000
0194	511E21522	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (WT: 21)	CY	199.000
0195	511E33501	SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN (WT: 21)	EACH	2.000
0196	511E34448	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 21)	CY	54.000

0197	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 21)	CY	65.000
0198	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	455.000
0199	513E10260	STRUCTURAL STEEL MEMBERS, LEVEL 3 (WT: 24)	LB	102,526.000
0200	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	3,130.000
0201	513E95030	STRUCTURAL STEEL, MISC.: 2" DIA. FIELD DRILLED HOLES (WT: 24)	EACH	30.000
0202	516E10010	ARMORLESS PREFORMED JOINT SEAL (WT: 27)	FT	106.000
0203	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	2.000
0204	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	5.000
0205	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 27)	FT	116.000
0206	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (WT: 21)	FT	80.000
0207	516E41100	1/8" PREFORMED BEARING PAD (WT: 21)	EACH	20.000
0208	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (11"x9 1/2"x2.7226") (WT: 21)	EACH	10.000
0209	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (13"x12"x2.7226") (WT: 21)	EACH	10.000
0210	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	65.000
0211	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	119.000
0212	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	48.000
0213	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	50.000
0214	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	9.000
0215	526E25001	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN (WT: 29)	SY	238.000
0216	526E90031	TYPE C INSTALLATION, AS PER PLAN (WT: 29)	FT	86.000
0217	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	4.000

Total 0009 STRUCTURE OVER 20 FOOT SPAN (MAR-23-0204R, SFN 5100429)

Section 0010		INCIDENTALS		
0218	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0219	108E30000	CPM PROGRESS SCHEDULE SHORT DURATION PROJECTS (WT: NR)	LS	1.000
0220	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0221	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	7.000
0222	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0223	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0010		INCIDENTALS		
Section 0011		PART B		
0224	614E15000	SPECIAL - CALENDAR DAYS OF CONTRACT TIME FOR OPENING TO TRAFFIC (UNIT PRICE FIELD SHOULD REFLECT NUMBER OF DAYS BID)PHASE 1 (WT: NR)	DLR	2,500.000
0225	614E15000	SPECIAL - CALENDAR DAYS OF CONTRACT TIME FOR OPENING TO TRAFFIC (UNIT PRICE FIELD SHOULD REFLECT NUMBER OF DAYS BID)PHASE 2 (WT: NR)	DLR	2,500.000
Total 0011		PART B		

Project Number: 200487

PID: 95603

Adams

SR 32-06.73

E190(813)

DBE Goal: 7.0%

Date Set for Completion: 9/30/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN SCIOTO, OLIVER, MEIGS, AND FRANKLIN TOWNSHIPS, ADAMS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING AND RESURFACING EXISTING ROADWAYS, MINOR STRUCTURE REPAIRS, 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	22,013.500
0003	202E38300	GUARDRAIL REMOVED, BARRIER DESIGN (WT: NR)	FT	182.000
0004	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	2.000
0005	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	18.000
0006	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	25.000
0007	202E42050	ANCHOR ASSEMBLY REMOVED, TYPE B (WT: NR)	EACH	1.000
0008	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	26.000
0009	202E47800	IMPACT ATTENUATOR REMOVED (WT: NR)	EACH	4.000
0010	203E10000	EXCAVATION (WT: 06)	CY	2,496.000
0011	203E40000	BORROW (WT: 06)	CY	9,006.000
0012	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	7,293.000
0013	204E20000	EMBANKMENT (WT: 06)	CY	1,295.000
0014	209E60201	LINEAR GRADING, AS PER PLAN (WT: 06)	STA	244.000
0015	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	20,400.000

0016	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	533.000
0017	606E15550	GUARDRAIL, BARRIER DESIGN, TYPE MGS (WT: 36)	FT	150.000
0018	606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	EACH	21.000
0019	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	26.000
0020	606E35000	BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
0021	606E35100	BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	1.000
0022	606E35140	BRIDGE TERMINAL ASSEMBLY, TYPE 4 (WT: 36)	EACH	21.000
0023	606E60012	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL) (WT: 36)	EACH	4.000
Total 0001 ROADWAY				
Section	0002	EROSION CONTROL		
0024	659E10000	SEEDING AND MULCHING (WT: 46)	SY	67,778.000
0025	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	3,389.000
0026	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	9.150
0027	659E31000	LIME (WT: 46)	ACRE	14.000
0028	659E35000	WATER (WT: 46)	MGAL	366.000
Total 0002 EROSION CONTROL				
Section	0003	PAVEMENT		
0029	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN (WT: 16)	SY	200.000
0030	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	216.000
0031	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 1.25" (WT: 13)	SY	6,473.000
0032	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	600.000
0033	304E20000	AGGREGATE BASE (WT: 09)	CY	416.000
0034	407E10000	TACK COAT (WT: 10)	GAL	48,378.000
0035	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	15,629.000
0036	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	423.000
0037	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	400.000
0038	617E98000	SHOULDER RECONDITIONING, MISC.:4" COMPACTED ASPHALT CONCRETE GRINDINGS (WT: 06)	SY	9,784.000

0039	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	52.240
0040	644E40000	SPECIAL - AIR SPEED ZONE MARKING (WT: 45)	EACH	2.000
0041	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	77.550
0042	850E20010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	MILE	1.320
0043	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A. 0.75" (WT: 13)	SY	562,610.000
0044	897E02000	PATCHING PLANED SURFACE (WT: 13)	SY	11,893.000

Total 0003 PAVEMENT

Section	0004	TRAFFIC CONTROL		
0045	621E00100	RPM (WT: 41)	EACH	1,732.000
0046	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,732.000
0047	632E26500	DETECTOR LOOP (WT: 44)	EACH	6.000
0048	644E00500	STOP LINE (WT: 45)	FT	666.000
0049	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	155.000
0050	644E00900	ISLAND MARKING (WT: 45)	SF	164.000
0051	644E01300	LANE ARROW (WT: 45)	EACH	10.000
0052	807E12010	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	0.880
0053	807E12110	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	0.440
0054	807E13010	WET REFLECTIVE SPRAY THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	51.700
0055	807E13110	WET REFLECTIVE SPRAY THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	25.850
0056	807E13310	WET REFLECTIVE SPRAY THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	1,379.000
0057	807E13410	WET REFLECTIVE SPRAY THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	11,348.000

Total 0004 TRAFFIC CONTROL

Section	0005	MAINTENANCE OF TRAFFIC		
0058	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
0059	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	2,508.000
0060	614E12336	WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL) (WT: 39)	EACH	6.000

0061	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	12.000
0062	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	27.000
0063	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	50.000
0064	614E13310	BARRIER REFLECTOR, TYPE 1, ONE WAY (WT: NR)	EACH	59.000
0065	614E13314	BARRIER REFLECTOR, TYPE 3, ONE-WAY (WT: NR)	EACH	279.000
0066	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	77.000
0067	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000
0068	614E20410	WORK ZONE LANE LINE, CLASS II, 6" (WT: 39)	MILE	25.300
0069	614E22056	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT (WT: 39)	MILE	11.830
0070	614E22200	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	MILE	2.270
0071	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	380.000
0072	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	4,963.000
0073	614E24400	WORK ZONE DOTTED LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	FT	2,640.000
0074	616E10000	WATER (WT: NR)	MGAL	1.000
0075	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	2,508.000
0076	626E00112	BARRIER REFLECTOR, TYPE 3, ONE WAY (WT: NR)	EACH	18.000
0077	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	90.000

Total 0005 MAINTENANCE OF TRAFFIC

Section	0006	STRUCTURE OVER 20 FOOT SPAN (ADA-32-0927 L)		
0078	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0079	202E38001	GUARDRAIL REMOVED, AS PER PLAN (WT: NR)	FT	491.000
0080	407E10000	TACK COAT (WT: 10)	GAL	67.000
0081	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	89.000
0082	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	16.000
0083	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	414.000
0084	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 29)	EACH	121.000

0085	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	2.000
0086	513E10200	STRUCTURAL STEEL MEMBERS, LEVEL UF (WT: 24)	LB	69.000
0087	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	121.200
0088	516E31010	2" DEEP JOINT SEALER (WT: 29)	FT	122.000
0089	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	10.000
0090	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0091	517E75600	DEEP BEAM BRIDGE RETROFIT RAILING (WT: 36)	FT	508.000
0092	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 29)	FT	619.450
0093	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	491.000
0094	690E98300	SPECIAL - ASPHALT CONCRETE MICROMILLING (WT: 13)	SY	1,106.000
0095	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	46.000

Total 0006 STRUCTURE OVER 20 FOOT SPAN (ADA-32-0927 L)

Section	0007	STRUCTURE OVER 20 FOOT SPAN (ADA-32-0927 R)		
0096	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0097	202E38001	GUARDRAIL REMOVED, AS PER PLAN (WT: NR)	FT	491.000
0098	407E10000	TACK COAT (WT: 10)	GAL	67.000
0099	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	89.000
0100	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	16.000
0101	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	414.000
0102	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 29)	EACH	121.000
0103	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	2.000
0104	513E10200	STRUCTURAL STEEL MEMBERS, LEVEL UF (WT: 24)	LB	69.000
0105	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	121.200
0106	516E31010	2" DEEP JOINT SEALER (WT: 29)	FT	122.000

0107	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	10.000
0108	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0109	517E75600	DEEP BEAM BRIDGE RETROFIT RAILING (WT: 36)	FT	508.000
0110	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 29)	FT	619.450
0111	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	491.000
0112	690E98300	SPECIAL - ASPHALT CONCRETE MICROMILLING (WT: 13)	SY	1,106.000
0113	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	46.000
Total 0007		STRUCTURE OVER 20 FOOT SPAN (ADA-32-0927 R)		
Section 0008	STRUCTURE OVER 20 FOOT SPAN (ADA-32-1182 L)			
0114	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0115	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	638.000
0116	407E10000	TACK COAT (WT: 10)	GAL	85.000
0117	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	113.000
0118	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	20.000
0119	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	254.000
0120	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 29)	EACH	80.000
0121	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	1.000
0122	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	79.670
0123	516E31010	2" DEEP JOINT SEALER (WT: 29)	FT	80.000
0124	517E75600	DEEP BEAM BRIDGE RETROFIT RAILING (WT: 36)	FT	638.000
0125	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 29)	FT	784.330
0126	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	638.000
0127	690E98300	SPECIAL - ASPHALT CONCRETE MICROMILLING (WT: 13)	SY	1,403.000
0128	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	59.000
Total 0008		STRUCTURE OVER 20 FOOT SPAN (ADA-32-1182 L)		
Section 0009	STRUCTURE OVER 20 FOOT SPAN (ADA-32-1182 R)			

0129	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0130	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	638.000
0131	407E10000	TACK COAT (WT: 10)	GAL	85.000
0132	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	113.000
0133	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	20.000
0134	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	254.000
0135	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 29)	EACH	80.000
0136	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	1.000
0137	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	79.670
0138	516E31010	2" DEEP JOINT SEALER (WT: 29)	FT	80.000
0139	517E75600	DEEP BEAM BRIDGE RETROFIT RAILING (WT: 36)	FT	638.000
0140	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 29)	FT	784.330
0141	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	638.000
0142	690E98300	SPECIAL - ASPHALT CONCRETE MICROMILLING (WT: 13)	SY	1,403.000
0143	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	59.000
Total 0009		STRUCTURE OVER 20 FOOT SPAN (ADA-32-1182 R)		
Section 0010		STRUCTURE OVER 20 FOOT SPAN (ADA-32-1699 L)		
0144	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	83.000
0145	512E10400	TREATING OF CONCRETE BRIDGE DECK WITH SRS (WT: 57)	SY	830.000
Total 0010		STRUCTURE OVER 20 FOOT SPAN (ADA-32-1699 L)		
Section 0011		STRUCTURE OVER 20 FOOT SPAN (ADA-32-1699 R)		
0146	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	83.000
0147	512E10400	TREATING OF CONCRETE BRIDGE DECK WITH SRS (WT: 57)	SY	830.000
Total 0011		STRUCTURE OVER 20 FOOT SPAN (ADA-32-1699 R)		
Section 0012		STRUCTURE OVER 20 FOOT SPAN (ADA-32-1942 L)		
0148	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	103.000

0149	512E10400	TREATING OF CONCRETE BRIDGE DECK WITH SRS (WT: 57)	SY	1,028.000
Total	0012	STRUCTURE OVER 20 FOOT SPAN (ADA-32-1942 L)		
Section	0013	STRUCTURE OVER 20 FOOT SPAN (ADA-32-1942 R)		
0150	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	103.000
0151	512E10400	TREATING OF CONCRETE BRIDGE DECK WITH SRS (WT: 57)	SY	1,028.000
Total	0013	STRUCTURE OVER 20 FOOT SPAN (ADA-32-1942 R)		
Section	0014	INCIDENTALS		
0152	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0153	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0154	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	6.000
0155	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0014	INCIDENTALS		

Project Number: 200488

PID: 100832

Butler

SR 122D-00.59L

E161(447)

DBE Goal: 8%

Date Set for Completion: 9/1/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING BUT-122D-0.59L IN BUTLER COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE EXPANSION JOINTS, ABUTMENT MODIFICATIONS, REPLACING END CROSSFRAMES, BEARING REPLACEMENT AND/OR REFURBISHMENT, PAINTING ENDS OF GIRDERS AND PERFORMING OTHER 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	258.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	600.000
0004	202E30600	CONCRETE MEDIAN REMOVED (WT: NR)	SY	70.000
0005	608E10000	4" CONCRETE WALK (WT: 38)	SF	600.000
0006	609E72000	CONCRETE MEDIAN (WT: 38)	SY	70.000
0007	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	2.000
0100	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	25.000
0101	608E52000	CURB RAMP (WT: 38)	SF	245.000
0102	609E18001	COMBINATION CURB AND GUTTER, TYPE 3, AS PER PLAN (WT: 38)	FT	25.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0008	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0009	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T=1.5") (WT: 13)	SY	2,541.000
0010	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	252.000

0011	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	121.000
0103	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	10.000
Total 0003		PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0012	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	104.000
0013	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	54.000
0014	630E83000	COVERING OF SIGN (WT: 42)	SF	16.000
0015	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	4.000
0016	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
0017	642E00200	LANE LINE, 4", TYPE 1 (WT: 45)	MILE	0.020
0018	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	100.000
0019	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	40.000
0020	642E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	245.000
0021	644E00200	LANE LINE, 4" (WT: 45)	MILE	0.100
0022	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	710.000
0023	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	270.000
0024	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	1,240.000
0104	644E00600	CROSSWALK LINE (WT: 45)	FT	40.000
Total 0004		TRAFFIC CONTROL		
Section	0005	MAINTENANCE OF TRAFFIC		
0025	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	0.230
0026	614E24200	WORK ZONE DOTTED LINE, CLASS I, 4", 642 PAINT (WT: 39)	FT	950.000
0027	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	25.000
0028	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	70.000
0106	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0107	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	340.000
Total 0005		MAINTENANCE OF TRAFFIC		
Section	0006	STRUCTURE OVER 20 FOOT SPAN (BUT-122D- 0059L)		
0029	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	LS	1.000

0030	509E10001	EPOXY COATED REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	4,720.000
0031	511E53014	CLASS QC3 CONCRETE, MISC.: SUPERSTRUCTURE CONCRETE WITH QC/QA, AS PER PLAN (WT: 29)	CY	11.000
0032	511E53014	CLASS QC3 CONCRETE, MISC.:SUBSTRUCTURE CONCRETE WITH QC/QA, AS PER PLAN (WT: 29)	CY	18.000
0033	512E10400	TREATING OF CONCRETE BRIDGE DECK WITH SRS (WT: 57)	SY	750.000
0034	513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 29)	LB	5,400.000
0035	513E21000	TRIMMING OF BEAM END (WT: 29)	EACH	8.000
0036	514E00051	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL, AS PER PLAN (WT: 26)	SF	1,825.000
0037	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	8.000
0038	514E27700	FIELD PAINTING, MISC.: FIELD PAINTING OF EXISTING STRUCTURAL STEEL (TWO COAT) (WT: 26)	SF	1,825.000
0039	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	FT	131.450
0040	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	36.000
0041	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	4.000
0042	516E43100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (T=2.50") (WT: 29)	EACH	8.000
0043	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	8.000
0044	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0045	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	84.000
0046	847E10000	MICRO SILICA MODIFIED CONCRETE OVERLAY (T=2.5") (WT: 29)	SY	15.000
0047	847E20000	MICRO SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY (WT: 29)	CY	6.000
0048	847E30000	TEST SLAB (WT: 29)	LS	1.000
0049	847E30300	WEARING COURSE REMOVED, ASPHALT (WT: NR)	SY	15.000
0050	847E30400	EXISTING CONCRETE OVERLAY REMOVED (D=0.5") (WT: NR)	SY	15.000

0051	847E50000	HAND CHIPPING (WT: 29)	SY	15.000
0105	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 21)	EACH	332.000

Total 0006 STRUCTURE OVER 20 FOOT SPAN (BUT-122D-0059L)

Section 0007	INCIDENTALS			
0052	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0053	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0054	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0055	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007	INCIDENTALS			

Project Number: 200489

PID: 107387

D10

MEG, VIN, WAS

Extrusheet Sign FY2021

E200(986)

DBE Goal: 5.0%

Date Set for Completion: 11/30/2021

Type: SIGNING

Plan Cost: N/A

FOR IMPROVING VARIOUS ROUTES AND ROADS IN VARIOUS TOWNSHIPS AND CITIES, OF ATHENS, MEIGS, VINTON AND WASHINGTON COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY UPGRADING AND REPLACING EXTRUSHEET GUIDE SIGNS AND SUPPORTS AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	EROSION CONTROL		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
Total	0001	EROSION CONTROL		
Section	0002	LIGHTING		
0002	625E32000	GROUND ROD (WT: 43)	EACH	2.000
Total	0002	LIGHTING		
Section	0003	TRAFFIC CONTROL		
0003	630E06400	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7 (WT: 42)	FT	2,129.000
0004	630E06500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9 (WT: 42)	FT	1,226.000
0005	630E07000	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8X18 (WT: 42)	FT	653.000
0006	630E07500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22 (WT: 42)	FT	305.000
0007	630E07600	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12 (WT: 42)	FT	1,882.000
0008	630E08000	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W12X30 (WT: 42)	FT	131.000
0009	630E09000	BREAKAWAY STRUCTURAL BEAM CONNECTION (WT: 42)	EACH	236.000

0010	630E72420	OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 2 (WT: 42)	EACH	1.000
0011	630E75001	SIGN ATTACHMENT ASSEMBLY, AS PER PLAN (WT: 42)	EACH	18.000
0012	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	110.000
0013	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	SF	9,080.000
0014	630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	SF	3,138.000
0015	630E82000	SIGN BACKING ASSEMBLY (WT: 42)	EACH	4.000
0016	630E84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION (WT: 42)	EACH	352.000
0017	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	2.000
0018	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	113.000
0019	630E85400	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL (WT: NR)	EACH	106.000
0020	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	154.000
0021	630E86102	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL (WT: NR)	EACH	197.000
0022	630E86292	REMOVAL OF GROUND MOUNTED WOODEN BOX BEAM SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0023	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	21.000
0024	630E89802	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-7.65 (WT: NR)	EACH	1.000
0025	630E89902	REMOVAL OF MISCELLANEOUS TRAFFIC CONTROL ITEM SIGN FOUNDATION (WT: NR)	EACH	5.000
0026	630E97700	SIGNING, MISC.:INSTALL SIGN ON SOLID WOOD POST (WT: 42)	EACH	12.000
Total 0003		TRAFFIC CONTROL		
Section 0004	MAINTENANCE OF TRAFFIC			
0027	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	4.000
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	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0005 INCIDENTALS

Project Number: 200490

PID: 98361

D10

General System GR FY2021

E200(638)

DBE Goal: 5.0%

Date Set for Completion: 10/31/2021

Type: GUARDRAIL REBUILDING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN ATHENS, MEIGS, AND WASHINGTON COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING OR REPLACING DAMAGED GUARDRAIL AND THEIR ASSEMBLIES TO MAINTAIN A FULLY FUNCTIONAL BARRIER SYSTEM.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	72,675.300
0002	202E38100	GUARDRAIL REMOVED FOR STORAGE (WT: NR)	FT	1,250.000
0003	202E47800	IMPACT ATTENUATOR REMOVED (WT: NR)	EACH	17.000
0004	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	70,266.300
0005	606E15400	MGS GUARDRAIL, TYPE 8 (WT: 36)	FT	150.000
0006	606E25550	ANCHOR ASSEMBLY, MGS TYPE A (WT: 36)	EACH	10.000
0007	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (WT: 36)	EACH	44.000
0008	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	20.000
0009	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	57.000
0010	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	8.000
0011	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	6.000
0012	606E50000	SPECIAL - RESHAPING BERM (WT: 06)	FT	73,925.300
0013	606E60012	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL) (WT: 36)	EACH	17.000
Total	0001	ROADWAY		
Section	0002	TRAFFIC CONTROL		
0014	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	1,651.000

Total 0002		TRAFFIC CONTROL		
Section 0003	INCIDENTALS			
0015	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0016	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0017	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0003		INCIDENTALS		

Project Number: 200491
PID: 101213
Fulton
SR 64/SR 120-07.38/13.65 Resurf
E190(680)

DBE Goal: 7.0%

Date Set for Completion: 9/15/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING SR 64 AND SR 120 IN AMBOY TOWNSHIP, OF FULTON COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING AN EXISTING ROUTES AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E32000	CURB REMOVED (WT: NR)	FT	93.000
0002	209E60500	LINEAR GRADING (WT: 06)	MILE	6.080
0003	209E72001	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	STA	6.300
0004	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	2.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0005	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0006	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	5.000
0007	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	2.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0008	253E02000	PAVEMENT REPAIR (WT: 16)	CY	627.000
0009	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2" (WT: 13)	SY	61,602.000
0010	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3" (WT: 13)	SY	7,278.000
0011	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	9,644.000

0012	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	100.000
0013	424E12001	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN (WT: 10)	CY	2,017.000
0014	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, (DRIVEWAYS) (WT: 10)	CY	100.000
0015	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	1,809.000
0016	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	440.000
0017	609E26000	CURB, TYPE 6 (WT: 38)	FT	93.000
0018	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	640.000
0019	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	3,745.000
Total 0004		PAVEMENT		
Section	0005	WATER WORK		
0020	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	2.000
Total 0005		WATER WORK		
Section	0006	TRAFFIC CONTROL		
0021	621E00100	RPM (WT: 41)	EACH	201.000
0022	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	201.000
0023	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	6.680
0024	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	3.800
0025	644E00500	STOP LINE (WT: 45)	FT	146.000
0026	644E00601	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	1,056.000
Total 0006		TRAFFIC CONTROL		
Section	0007	MAINTENANCE OF TRAFFIC		
0027	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	43.000
0028	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	10.000
0029	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	10.000
0030	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	32.000
0031	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	292.000
Total 0007		MAINTENANCE OF TRAFFIC		
Section	0008	STRUCTURE 20 FOOT SPAN AND UNDER (FUL-64-1096)		
0032	516E31200	SPECIAL - SAWING AND SEALING BITUMINOUS CONCRETE JOINTS (WT: 27)	FT	160.000

Total 0008		STRUCTURE 20 FOOT SPAN AND UNDER (FUL-64-1096)		
Section 0009	INCIDENTALS			
0033	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0034	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0035	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0036	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0009		INCIDENTALS		

Project Number: 200492
PID: 110164
Geauga
County-wide Safety Projects (PART 1, 2, 3)
E190(506)

DBE Goal: 8%

Date Set for Completion: 9/30/2022

Type: MAJOR WIDENING

Plan Cost: \$125.00

FOR IMPROVING VARIOUS SECTIONS IN MIDDLEFIELD TOWNSHIP, GEAUGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY WIDENING, RECONSTRUCTING, AND RESURFACING SEVERAL SECTIONS OF ROADWAY; AS WELL AS REPLACING CULVERTS, INSTALLING ADVANCED WARNING DETECTION AND SIGNAGEFOR SAFETY, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL 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	201E21800	TREE REMOVED, 18" (WT: NR)	EACH	34.000
0003	201E23000	TREE REMOVED, 30" (WT: NR)	EACH	27.000
0004	201E24800	TREE REMOVED, 48" (WT: NR)	EACH	4.000
0005	201E26500	STUMP REMOVED, 18" (WT: NR)	EACH	6.000
0006	201E26510	STUMP REMOVED, 30" (WT: NR)	EACH	3.000
0007	202E11000	STRUCTURE REMOVED (WT: NR)	LS	1.000
0008	202E20010	HEADWALL REMOVED (WT: NR)	EACH	7.000
0009	202E23000	PAVEMENT REMOVED (WT: NR)	SY	36.000
0010	202E23010	PAVEMENT REMOVED, ASPHALT (WT: NR)	SY	3,874.000
0011	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	6,101.000
0012	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	194.000
0013	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	608.000
0014	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	9.000
0015	202E70110	SPECIAL - PIPE CLEANOUT, 24" AND UNDER (WT: NR)	FT	100.000
0016	202E70120	SPECIAL - PIPE CLEANOUT, 27" TO 48" (WT: NR)	FT	100.000
0017	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	100.000

0018	202E98100	REMOVAL MISC.: 24" ROCK AND OVER (WT: NR)	EACH	23.000
0019	202E98100	REMOVAL MISC.: INSPECTION WELL (WT: NR)	EACH	2.000
0020	202E98100	REMOVAL MISC.: WOOD POST REMOVED (WT: NR)	EACH	1.000
0021	202E98200	REMOVAL MISC.: CONDUIT (WT: NR)	FT	60.000
0022	203E10000	EXCAVATION (WT: 04)	CY	29,197.000
0023	203E20000	EMBANKMENT (WT: 04)	CY	7,363.000
0024	203E20001	EMBANKMENT, AS PER PLAN (WT: 04)	CY	50.000
0025	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	13,974.000
0026	204E13000	EXCAVATION OF SUBGRADE (WT: 04)	CY	1,500.000
0027	204E30010	GRANULAR MATERIAL, TYPE B (WT: 04)	CY	1,500.000
0028	204E45000	PROOF ROLLING (WT: NR)	HOURL	12.000
0029	204E51000	GEOGRID (WT: 06)	SY	4,600.000
0030	206E10500	CEMENT (WT: NR)	TON	1,310.000
0031	206E11000	CURING COAT (WT: 07)	SY	50,626.000
0032	206E15010	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP (WT: 07)	SY	50,626.000
0033	206E20000	TEST ROLLING (WT: NR)	HOURL	25.000
0034	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	612.500
0035	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350) (WT: 36)	EACH	6.000
0036	606E26151	ANCHOR ASSEMBLY, MGS TYPE E, AS PER PLAN (NCHRP 350) (WT: 36)	EACH	1.000
0037	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	5.000
0038	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	2.000
0039	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	88.000
0040	690E50200	SPECIAL - MAILBOX SUPPORT SYSTEM, DOUBLE (WT: NR)	EACH	15.000
0041	690E50300	SPECIAL - MAILBOX SUPPORT SYSTEM, MULTIPLE (WT: NR)	EACH	1.000

Total 0001 ROADWAY (PART 1)

Section	0002	EROSION CONTROL (PART 1)		
0042	601E23000	ARTICULATING CONCRETE BLOCK REVETMENT SYSTEM, TYPE 1 (WT: 35)	SY	180.000
0043	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	52.800
0044	601E32210	ROCK CHANNEL PROTECTION, TYPE C WITH AGGREGATE FILTER (WT: 35)	CY	2.900

0045	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0046	659E00300	TOPSOIL (WT: 46)	CY	9,148.000
0047	659E10000	SEEDING AND MULCHING (WT: 46)	SY	67,586.000
0048	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	3,379.000
0049	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	9.130
0050	659E31000	LIME (WT: 46)	ACRE	13.960
0051	659E35000	WATER (WT: 46)	MGAL	365.000
0052	660E25000	SODDING STAKED (WT: 46)	SY	154.000
0053	670E00510	SLOPE EROSION PROTECTION MAT, TYPE A (WT: 46)	SY	202.000
0054	670E00770	DITCH EROSION PROTECTION MAT, TYPE G (WT: 46)	SY	36,000.000
0055	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0056	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0057	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0058	832E30000	EROSION CONTROL (WT: 08)	EACH	470,000.000
0059	836E10000	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1 (WT: 46)	SY	4,715.000

Total 0002 EROSION CONTROL (PART 1)

Section	0003	DRAINAGE (PART 1)		
0060	602E20000	CONCRETE MASONRY (WT: 35)	CY	23.790
0061	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	100.000
0062	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	100.000
0063	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	100.000
0064	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	48.000
0065	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	4,070.000
0066	611E05700	15" CONDUIT, TYPE A (WT: 35)	FT	48.000
0067	611E05700	15" CONDUIT, TYPE A, 706.02 (WT: 35)	FT	12.000
0068	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	330.000
0069	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	102.000
0070	611E06400	15" CONDUIT, TYPE D (WT: 35)	FT	1,010.000
0071	611E07200	18" CONDUIT, TYPE A (WT: 35)	FT	96.000
0072	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	62.000
0073	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	9.000
0074	611E07900	18" CONDUIT, TYPE D (WT: 35)	FT	581.000
0075	611E10200	24" CONDUIT, TYPE A (WT: 35)	FT	58.000

0076	611E10200	24" CONDUIT, TYPE A, 706.02 (WT: 35)	FT	12.000
0077	611E10900	24" CONDUIT, TYPE D (WT: 35)	FT	190.000
0078	611E13200	30" CONDUIT, TYPE A (WT: 35)	FT	12.000
0079	611E13900	30" CONDUIT, TYPE D (WT: 35)	FT	1,495.000
0080	611E16200	36" CONDUIT, TYPE A (WT: 35)	FT	108.000
0081	611E53000	38" X 60" CONDUIT, TYPE A, 706.04 (WT: 35)	FT	48.000
0082	611E97400	CONDUIT, MISC.: 9'-9" SPAN X 4'-0" RISE CONDUIT, TYPE A, 706.05, AS PER PLAN (WT: 35)	FT	54.000
0083	611E97400	CONDUIT, MISC.:TYPE B FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	60.000
0084	611E97400	CONDUIT, MISC.:TYPE C FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	60.000
0085	611E97400	CONDUIT, MISC.:TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	60.000
0086	611E97400	CONDUIT, MISC.:TYPE F FOR DRAINAGE DISCHARGE CONTINUANCE (WT: 35)	FT	60.000
0087	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	19.000
0088	611E98510	CATCH BASIN, NO. 2-3 (WT: 35)	EACH	9.000
0089	611E98700	INLET, SIDE DITCH (WT: 35)	EACH	1.000
0090	611E99720	INSPECTION WELL (WT: 35)	EACH	12.000

Total 0003 DRAINAGE (PART 1)

Section	0004	PAVEMENT (PART 1)		
0091	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, VARIABLE WIDTH, VARIABLE DEPTH (WT: 13)	SY	4,073.000
0092	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	5,958.000
0093	304E20000	AGGREGATE BASE (WT: 09)	CY	2,680.000
0094	407E10000	TACK COAT (WT: 10)	GAL	7,955.000
0095	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	566.000
0096	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	270.000
0097	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22 (WT: 10)	CY	1,970.000
0098	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	3,201.000
0099	441E50301	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN (VARIABLE DEPTH), PG64-22 (WT: 10)	CY	113.000

0100	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	189.000
0101	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	797.000
Total 0004 PAVEMENT (PART 1)				
Section 0005	TRAFFIC CONTROL (PART 1)			
0102	625E10490	LIGHT POLE, CONVENTIONAL, 20', AT-C TRANSFORMER BASE (WT: 43)	EACH	1.000
0103	625E14101	LIGHT POLE FOUNDATION, 24" X 8' DEEP, AS PER PLAN (WT: 43)	EACH	1.000
0104	625E18510	BRACKET ARM, 30' (WT: 43)	EACH	1.000
0105	625E25301	CONDUIT, 1-1/2", 725.04, AS PER PLAN (WT: 43)	FT	135.000
0106	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	1,865.000
0107	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	160.000
0108	625E25906	CONDUIT, JACKED OR DRILLED, 725.051, 3" (WT: 43)	FT	25.000
0109	625E25906	CONDUIT, JACKED OR DRILLED, 725.051, 4" (WT: 43)	FT	350.000
0110	625E29000	TRENCH (WT: 43)	FT	2,090.000
0111	625E29400	TRENCH IN PAVED AREA (WT: 43)	FT	40.000
0112	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	12.000
0113	625E30701	PULL BOX, 725.08, 18", AS PER PLAN (WT: 43)	EACH	5.000
0114	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	1.000
0115	625E32000	GROUND ROD (WT: 43)	EACH	124.000
0116	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	2,130.000
0117	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	170.000
0118	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	2,834.000
0119	630E04100	GROUND MOUNTED SUPPORT, NO. 4 POST (WT: 42)	FT	1,645.000
0120	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	309.000
0121	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	EACH	4.000
0122	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	1,675.000
0123	630E80510	SIGN, STREET NAME (WT: 42)	EACH	2.000
0124	630E83000	COVERING OF SIGN (WT: 42)	SF	85.000
0125	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	34.000

0126	630E85000	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE (WT: NR)	EACH	2.000
0127	630E85001	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE, AS PER PLAN (WT: NR)	EACH	163.000
0128	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	129.000
0129	630E85101	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION, AS PER PLAN (WT: 42)	EACH	1.000
0130	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	88.000
0131	630E86006	REMOVAL OF GROUND MOUNTED POST SUPPORT AND STORAGE (WT: NR)	EACH	176.000
0132	630E97700	SIGNING, MISC.: REMOVAL AND REERECTION OF SIGN FLASHER ASSEMBLY, AS PER PLAN (WT: NR)	EACH	16.000
0133	631E92001	SIGN FLASHER ASSEMBLY, AS PER PLAN (ABWDS) (WT: 43)	EACH	10.000
0134	631E92001	SIGN FLASHER ASSEMBLY, AS PER PLAN (ICWS, BURTON-WINDSOR ROAD) (WT: 43)	EACH	2.000
0135	631E92001	SIGN FLASHER ASSEMBLY, AS PER PLAN (ICWS, SR 608) (WT: 43)	EACH	2.000
0136	631E92001	SIGN FLASHER ASSEMBLY, AS PER PLAN, SOLAR POWERED (PED WARNING) (WT: 43)	EACH	5.000
0137	631E93241	SCHOOL SPEED LIMIT SIGN ASSEMBLY, SOLAR-POWERED, AS PER PLAN (WT: 43)	EACH	99.000
0138	631E93301	TIMER WITH ENCLOSURE, AS PER PLAN (ABWDS) (WT: 43)	EACH	9.000
0139	644E00100	EDGE LINE, 4" (WT: 45)	MILE	8.100
0140	644E00104	EDGE LINE, 6" (WT: 45)	MILE	2.220
0141	644E00300	CENTER LINE, 4" (WT: 45)	MILE	5.080
0142	644E00500	STOP LINE, 24" (WT: 45)	FT	175.000
0143	644E00600	CROSSWALK LINE, 12" (WT: 45)	FT	160.000
0144	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	5,780.000

Total 0005 TRAFFIC CONTROL (PART 1)

Section	0006	TRAFFIC SIGNALS (PART 1)		
0145	608E15000	8" CONCRETE WALK (WT: 38)	SF	275.000
0146	608E53020	DETECTABLE WARNING (WT: 38)	SF	118.000
0147	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK, WITH BACKPLATE (WT: 44)	EACH	8.000
0148	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	4.000

0149	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	8.000
0150	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	4.000
0151	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	4.000
0152	632E40300	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,740.000
0153	632E40400	SIGNAL CABLE, 4 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,180.000
0154	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	420.000
0155	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	610.000
0156	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	3.000
0157	632E64011	SIGNAL SUPPORT FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0158	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	4.000
0159	632E64021	PEDESTAL FOUNDATION, AS PER PLAN (WT: 44)	EACH	113.000
0160	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	80.000
0161	632E68300	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	580.000
0162	632E69800	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	3,550.000
0163	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	11.000
0164	632E72100	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 2 (WT: 44)	EACH	1.000
0165	632E72110	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4 (WT: 44)	EACH	1.000
0166	632E72130	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12 (WT: 44)	EACH	2.000
0167	632E72901	SIGNAL SUPPORT, MECHANICAL DAMPER FOR TC-81.22 MAST ARM (GREATER THAN 39' IN LENGTH), AS PER PLAN (WT: 44)	EACH	2.000
0168	632E89802	PEDESTAL, 5', TRANSFORMER BASE (WT: 44)	EACH	4.000
0169	632E90010	PEDESTAL, MISC.: PEDESTAL, 15', TRANSFORMER BASE, AS PER PLAN (WT: 44)	EACH	113.000
0170	633E65523	CABINET, TYPE 332L, AS PER PLAN (SR 608) (WT: 44)	EACH	1.000
0171	633E65523	CABINET, TYPE 332L, AS PER PLAN (SR 87) (WT: 44)	EACH	1.000
0172	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	2.000

0173	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	2.000
0174	633E68511	COMMUNICATIONS, AS PER PLAN (WT: 44)	EACH	1.000
0175	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	2.000
0176	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	4.000
0177	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	14.000
0178	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (SR 608) (WT: 44)	EACH	1.000
0179	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (SR 87) (WT: 44)	EACH	1.000

Total 0006 TRAFFIC SIGNALS (PART 1)

Section 0007	LANDSCAPING (PART 1)			
0180	666E09000	PRUNING EXISTING TREE, 3 TO 8-INCH DIAMETER (WT: 46)	EACH	35.000
0181	666E10000	PRUNING EXISTING TREE, 8 TO 16-INCH DIAMETER (WT: 46)	EACH	60.000
0182	666E10010	PRUNING EXISTING TREE, 16 TO 24-INCH DIAMETER (WT: 46)	EACH	38.000
0183	666E10020	PRUNING EXISTING TREE, 24 TO 36-INCH DIAMETER (WT: 46)	EACH	15.000
0184	666E10030	PRUNING EXISTING TREE, 36 INCH DIAMETER AND OVER (WT: 46)	EACH	6.000

Total 0007 LANDSCAPING (PART 1)

Section 0008	RETAINING WALLS (MUMFORD ROAD CULVERT) (PART 1)			
0185	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0186	503E21300	UNCLASSIFIED EXCAVATION (WINGWALL FOOTING) (WT: 35)	LS	1.000
0187	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	3,253.000
0188	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	8.000
0189	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	28.000
0190	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	CY	3.000
0191	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	41.000
0192	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	149.000
0193	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	27.000

0194	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	LS	1.000
Total 0008 RETAINING WALLS (MUMFORD ROAD CULVERT) (PART 1)				
Section	0009	MAINTENANCE OF TRAFFIC (PART 1)		
0195	614E11111	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE, AS PER PLAN (WT: 39)	HR	80.000
0196	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0197	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	36.000
0198	616E10000	WATER (WT: NR)	MGAL	74.000
0199	690E98900	SPECIAL - DUST CONTROL (STABILIZATION) (WT: NR)	GAL	26,150.000
Total 0009 MAINTENANCE OF TRAFFIC (PART 1)				
Section	0010	ROADWAY (PART 2)		
0200	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0201	202E20010	HEADWALL REMOVED (WT: NR)	EACH	6.000
0202	202E23000	PAVEMENT REMOVED (WT: NR)	SY	5,704.000
0203	202E30000	WALK REMOVED (WT: NR)	SF	59.000
0204	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	1,377.000
0205	202E75000	FENCE REMOVED (WT: NR)	FT	1,703.000
0206	202E75250	GATE REMOVED (WT: NR)	EACH	3.000
0207	202E98100	REMOVAL MISC.: 24" ROCK AND OVER (WT: NR)	EACH	20.000
0208	202E98100	REMOVAL MISC.: 6" STEEL BOLLARD (WT: NR)	EACH	5.000
0209	202E98100	REMOVAL MISC.: CLEANOUT (WT: NR)	EACH	1.000
0210	202E98100	REMOVAL MISC.: LIGHTS (WT: NR)	EACH	2.000
0211	202E98100	REMOVAL MISC.: STONE HEADWALL (WT: NR)	EACH	2.000
0212	202E98100	REMOVAL MISC.: WOOD POST (WT: NR)	EACH	3.000
0213	202E98200	REMOVAL MISC.: 24" STONE WALLS WITH LIGHT FIXTURES (WT: NR)	FT	16.000
0214	202E98200	REMOVAL MISC.: RAILROAD TIES (WT: NR)	FT	54.000
0215	202E98400	REMOVAL MISC.: FOOT BRIDGE (WT: NR)	SF	20.000
0216	202E98400	REMOVAL MISC.: WOOD BRIDGE (WT: NR)	SF	11.000
0217	203E10000	EXCAVATION (WT: 04)	CY	10,234.000
0218	203E20000	EMBANKMENT (WT: 04)	CY	1,720.000
0219	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	17,348.000
0220	204E13000	EXCAVATION OF SUBGRADE (WT: 04)	CY	100.000

0221	204E30010	GRANULAR MATERIAL, TYPE B (WT: 04)	CY	100.000
0222	204E45000	PROOF ROLLING (WT: NR)	HOUR	8.000
0223	209E60201	LINEAR GRADING, AS PER PLAN (WT: 06)	STA	4.000
0224	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	400.000
0225	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350) (WT: 36)	EACH	3.000
0226	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	5.000
0227	608E10000	4" CONCRETE WALK (WT: 38)	SF	88.000
0228	623E12000	PRIMARY PROJECT CONTROL MONUMENT, TYPE A (WT: NR)	EACH	22.000
0229	623E40000	MONUMENT ASSEMBLY REMOVED AND RESET (WT: NR)	EACH	32.000
0230	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	22.000
0231	690E50200	SPECIAL - MAILBOX SUPPORT SYSTEM, DOUBLE (WT: NR)	EACH	2.000
0232	690E50300	SPECIAL - MAILBOX SUPPORT SYSTEM, MULTIPLE (WT: NR)	EACH	1.000

Total 0010 ROADWAY (PART 2)

Section 0011	EROSION CONTROL (PART 2)			
0233	601E32210	ROCK CHANNEL PROTECTION, TYPE C WITH AGGREGATE FILTER (WT: 35)	CY	59.000
0234	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0235	659E00300	TOPSOIL (WT: 46)	CY	2,483.000
0236	659E10000	SEEDING AND MULCHING (WT: 46)	SY	22,370.000
0237	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	1,119.000
0238	659E15000	INTER-SEEDING (WT: 46)	SY	1,119.000
0239	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	3.120
0240	659E31000	LIME (WT: 46)	ACRE	4.620
0241	659E35000	WATER (WT: 46)	MGAL	124.000
0242	659E40000	MOWING (WT: 46)	MSF	50.000
0243	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	3,034.000
0244	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0245	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0246	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0247	832E30000	EROSION CONTROL (WT: 08)	EACH	108,327.000

0248	836E10000	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1 (WT: 46)	SY	1,220.000
0249	836E10020	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 2 (WT: 46)	SY	12.000
0250	836E10030	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 3 (WT: 46)	SY	35.000
Total 0011		EROSION CONTROL (PART 2)		
Section	0012	DRAINAGE (PART 2)		
0251	602E20000	CONCRETE MASONRY (WT: 35)	CY	1.150
0252	605E31100	AGGREGATE DRAINS (WT: 35)	FT	1,410.000
0253	611E00200	4" CONDUIT, TYPE C (WT: 35)	FT	132.000
0254	611E01100	6" CONDUIT, TYPE C (WT: 35)	FT	114.000
0255	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	100.000
0256	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	715.000
0257	611E06400	15" CONDUIT, TYPE D (WT: 35)	FT	536.000
0258	611E07900	18" CONDUIT, TYPE D (WT: 35)	FT	372.000
0259	611E08700	21" CONDUIT, TYPE A (WT: 35)	FT	65.000
0260	611E10900	24" CONDUIT, TYPE D (WT: 35)	FT	210.000
0261	611E11700	27" CONDUIT, TYPE A (WT: 35)	FT	39.000
0262	611E52200	14" X 23" CONDUIT, TYPE A, 706.04 (WT: 35)	FT	62.000
0263	611E94800	8' X 4' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	54.000
0264	611E98510	CATCH BASIN, NO. 2-3 (WT: 35)	EACH	1.000
0265	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	25.000
Total 0012		DRAINAGE (PART 2)		
Section	0013	PAVEMENT (PART 2)		
0266	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1-1/2" (WT: 13)	SY	10,159.000
0267	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	2,187.000
0268	304E20000	AGGREGATE BASE (WT: 09)	CY	2,785.000
0269	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	2,660.000
0270	408E10000	PRIME COAT (WT: 10)	GAL	170.000
0271	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG70-22M (WT: 10)	CY	1,041.000
0272	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	645.000
0273	441E50701	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL), AS PER PLAN (WT: 10)	CY	11.000

0274	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	100.000
0275	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	189.000
0276	609E26000	CURB, TYPE 6 (WT: 38)	FT	237.000
0277	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	0.960
0278	621E00100	RPM (WT: 41)	EACH	65.000
0279	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	60.000
0280	874E20000	LONGITUDINAL JOINT PREPARATION (WT: 10)	FT	5,090.000

Total 0013 PAVEMENT (PART 2)

Section	0014	TRAFFIC CONTROL (PART 2)		
0281	626E00102	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	10.000
0282	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	154.000
0283	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	184.000
0284	630E08520	STREET NAME SIGN SUPPORT, NO. 3 POST (WT: 42)	FT	10.500
0285	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	1.000
0286	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	158.750
0287	630E80500	SIGN, DOUBLE FACED, STREET NAME (WT: 42)	EACH	1.000
0288	630E80510	SIGN, STREET NAME (WT: 42)	EACH	2.000
0289	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	28.000
0290	630E85001	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE, AS PER PLAN (WT: NR)	EACH	27.000
0291	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0292	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	25.000
0293	630E86007	REMOVAL OF GROUND MOUNTED POST SUPPORT AND STORAGE, AS PER PLAN (WT: NR)	EACH	23.000
0294	630E86271	REMOVAL OF GROUND MOUNTED PIPE SUPPORT AND STORAGE, AS PER PLAN (WT: NR)	EACH	2.000
0295	630E87511	REMOVAL OF POLE MOUNTED SIGN AND STORAGE, AS PER PLAN (WT: NR)	EACH	8.000

0296	630E97700	SIGNING, MISC.: REMOVAL OF GROUND MOUNTED SIGN, SOLAR PANEL AND DELIVERY (WT: NR)	EACH	2.000
0297	646E10010	EDGE LINE, 6" (WT: 45)	MILE	1.940
0298	646E10200	CENTER LINE (SOLID DOUBLE) (WT: 45)	MILE	0.960
Total 0014		TRAFFIC CONTROL (PART 2)		
Section	0015	STRUCTURE 20 FOOT SPAN AND UNDER (GEA-87-19.75) (PART 2)		
0299	202E11000	STRUCTURE REMOVED (WT: NR)	LS	1.000
0300	503E21104	UNCLASSIFIED EXCAVATION, INCLUDING ROCK (WT: 35)	CY	55.000
0301	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	2,734.000
0302	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 35)	EACH	20.000
0303	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	CY	38.000
0304	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	30.000
0305	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	30.000
0306	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	13.000
Total 0015		STRUCTURE 20 FOOT SPAN AND UNDER (GEA-87-19.75) (PART 2)		
Section	0016	MAINTENANCE OF TRAFFIC (PART 2)		
0307	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	650.000
0308	410E13000	TRAFFIC COMPACTED SURFACE, TYPE C (WT: NR)	CY	100.000
0309	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	120.000
0310	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	5.000
0311	614E12421	DETOUR SIGNING, AS PER PLAN (WT: 39)	LS	1.000
0312	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	10.000
0313	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	250.000
0314	614E13310	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	22.000
0315	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	22.000
0316	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	24.000

0317	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	2.870
0318	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	5.760
0319	614E24400	WORK ZONE DOTTED LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	FT	146.000
0320	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	98.000
0321	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0322	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	3,956.000
0323	616E10000	WATER (WT: NR)	MGAL	45.000
0324	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	1,340.000
Total 0016 MAINTENANCE OF TRAFFIC (PART 2)				
Section 0017	ROADWAY (PART 3)			
0325	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0326	202E20010	HEADWALL REMOVED (WT: NR)	EACH	6.000
0327	202E23000	PAVEMENT REMOVED (WT: NR)	SY	272.000
0328	202E23010	PAVEMENT REMOVED, ASPHALT (WT: NR)	SY	2,253.000
0329	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	2,349.000
0330	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	248.000
0331	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	341.000
0332	202E38001	GUARDRAIL REMOVED, AS PER PLAN (WT: NR)	FT	316.000
0333	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	15.000
0334	202E75000	FENCE REMOVED (WT: NR)	FT	2,416.000
0335	202E98000	REMOVAL MISC.:RAILROAD TIES (WT: NR)	LS	1.000
0336	202E98000	REMOVAL MISC.:TANK (WT: NR)	LS	1.000
0337	202E98100	REMOVAL MISC.:COMMERCIAL SIGN (WT: NR)	EACH	16.000
0338	202E98100	REMOVAL MISC.:POST (WT: NR)	EACH	10.000
0339	202E98100	REMOVAL MISC.:RESIDENTIAL SIGN (WT: NR)	EACH	1.000
0340	202E98200	REMOVAL MISC.:STONE WALL (WT: NR)	FT	21.000
0341	203E10000	EXCAVATION (WT: 04)	CY	6,136.000
0342	203E20000	EMBANKMENT (WT: 04)	CY	2,862.000
0343	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	13,448.000
0344	204E13000	EXCAVATION OF SUBGRADE (WT: 04)	CY	2,655.000
0345	204E30010	GRANULAR MATERIAL, TYPE B (WT: 04)	CY	2,544.000
0346	204E45000	PROOF ROLLING (WT: NR)	HOUR	6.000

0347	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	7,392.000
0348	204E51000	GEOGRID (WT: 06)	SY	5,831.000
0349	209E15051	RESHAPING UNDER GUARDRAIL, AS PER PLAN (WT: 06)	MILE	0.200
0350	209E60501	LINEAR GRADING, AS PER PLAN (WT: 06)	MILE	0.500
0351	209E72051	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	MILE	0.500
0352	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	712.500
0353	606E13040	GUARDRAIL, NESTED TYPE 5 WITH TUBULAR BACKUP (WT: 36)	FT	37.500
0354	606E13041	GUARDRAIL, NESTED TYPE 5 WITH TUBULAR BACKUP, AS PER PLAN (WT: 36)	FT	37.500
0355	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	244.000
0356	606E15250	GUARDRAIL, TYPE MGS QUARTER POST SPACING (WT: 36)	FT	25.000
0357	606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	EACH	4.000
0358	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350) (WT: 36)	EACH	4.000
0359	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0360	606E35140	BRIDGE TERMINAL ASSEMBLY, TYPE 4 (WT: 36)	EACH	4.000
0361	607E15001	FENCE, TYPE 47, AS PER PLAN (WT: 37)	FT	1,908.000
0362	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	4.000
0363	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	7.000
0364	690E50200	SPECIAL - MAILBOX SUPPORT SYSTEM, DOUBLE (WT: NR)	EACH	1.000
0365	690E98300	SPECIAL - GEOCELLULAR CONFINEMENT SYSTEM (WT: 06)	SY	642.000

Total 0017 ROADWAY (PART 3)

Section	0018	EROSION CONTROL (PART 3)		
0366	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	27.560
0367	653E10000	TOPSOIL FURNISHED AND PLACED (WT: 46)	CY	1,789.000
0368	659E00510	SEEDING AND MULCHING, CLASS 2 (WT: 46)	SY	16,117.000
0369	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	806.000
0370	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	2.180
0371	659E31000	LIME (WT: 46)	ACRE	3.330
0372	659E35000	WATER (WT: 46)	MGAL	87.000
0373	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	1,733.000
0374	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	560.000

0375	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0376	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0377	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0378	832E30000	EROSION CONTROL (WT: 08)	EACH	81,737.000
0379	836E10000	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1 (WT: 46)	SY	1,206.000
0380	836E10020	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 2 (WT: 46)	SY	83.000

Total 0018 EROSION CONTROL (PART 3)

Section 0019	DRAINAGE (PART 3)			
0381	602E20000	CONCRETE MASONRY (WT: 35)	CY	4.460
0382	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	4,066.000
0383	605E31100	AGGREGATE DRAINS (WT: 35)	FT	821.000
0384	611E00300	4" CONDUIT, TYPE D (WT: 35)	FT	58.000
0385	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	220.000
0386	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	50.000
0387	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	50.000
0388	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	50.000
0389	611E02000	8" CONDUIT, TYPE C (WT: 35)	FT	8.000
0390	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	1,849.000
0391	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	51.000
0392	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	856.000
0393	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	149.000
0394	611E06400	15" CONDUIT, TYPE D (WT: 35)	FT	89.000
0395	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	245.000
0396	611E07900	18" CONDUIT, TYPE D (WT: 35)	FT	82.000
0397	611E08900	21" CONDUIT, TYPE B (WT: 35)	FT	234.000
0398	611E09400	21" CONDUIT, TYPE D (WT: 35)	FT	40.000
0399	611E10400	24" CONDUIT, TYPE B (WT: 35)	FT	108.000
0400	611E10600	24" CONDUIT, TYPE C (WT: 35)	FT	51.000
0401	611E16400	36" CONDUIT, TYPE B (WT: 35)	FT	224.000
0402	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	2.000
0403	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	12.000
0404	611E98370	CATCH BASIN, NO. 6 (WT: 35)	EACH	1.000
0405	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	2.000

0406	611E98540	CATCH BASIN, NO. 2-4 (WT: 35)	EACH	2.000
0407	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0408	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000
0409	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	9.000
Total 0019		DRAINAGE (PART 3)		
Section 0020	PAVEMENT (PART 3)			
0410	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1/2" (WT: 13)	SY	21,303.000
0411	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	1,579.000
0412	301E48000	ASPHALT CONCRETE BASE, PG64-22 (DRIVEWAYS) (WT: 10)	CY	145.000
0413	304E20000	AGGREGATE BASE (WT: 09)	CY	1,693.000
0414	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	5,203.000
0415	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG 70-22M (WT: 10)	CY	1,281.000
0416	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG 64-22 (WT: 10)	CY	251.000
0417	441E50301	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), AS PER PLAN (VARIABLE DEPTH, 6.5" MAX), PG 64-22 (WT: 10)	CY	611.000
0418	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) , PG 64-22 (WT: 10)	CY	60.000
0419	441E50701	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL), AS PER PLAN, PG 64-22 (WT: 10)	CY	38.000
0420	452E10050	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	266.000
0421	452E12050	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	815.000
0422	609E26000	CURB, TYPE 6 (WT: 38)	FT	4,427.000
0423	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	16.000
0424	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	4,794.000
Total 0020		PAVEMENT (PART 3)		
Section 0021	WATER WORK (PART 3)			
0425	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	2.000

0426	638E10900	SERVICE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
Total	0021	WATER WORK (PART 3)		
Section	0022	TRAFFIC CONTROL (PART 3)		
0427	621E00100	RPM (WT: 41)	EACH	101.000
0428	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	85.000
0429	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	261.000
0430	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	530.000
0431	630E08510	STREET NAME SIGN SUPPORT, NO. 2 POST (WT: 42)	FT	40.000
0432	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	33.000
0433	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	329.000
0434	630E80500	SIGN, DOUBLE FACED, STREET NAME (WT: 42)	EACH	3.000
0435	630E80600	SIGN, DOUBLE FACED, MILE MARKER (WT: 42)	EACH	1.000
0436	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	49.000
0437	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	9.000
0438	630E85201	REMOVAL OF GROUND MOUNTED SIGN AND DELIVERY, AS PER PLAN (WT: NR)	EACH	4.000
0439	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	40.000
0440	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	4.000
0441	646E10010	EDGE LINE, 6" (WT: 45)	MILE	2.780
0442	646E10200	CENTER LINE (WT: 45)	MILE	1.390
0443	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	250.000
0444	646E10400	STOP LINE (WT: 45)	FT	64.000
0445	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	137.000
0446	646E20300	LANE ARROW (WT: 45)	EACH	6.000
0447	690E98400	SPECIAL - INVENTORY EXISTING PAVEMENT MARKINGS (WT: NR)	LS	1.000
Total	0022	TRAFFIC CONTROL (PART 3)		
Section	0023	STRUCTURE 20 FOOT SPAN AND UNDER (GEA-608-0376) (PART 3)		
0448	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: NR)	LS	1.000

0449	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0450	503E21100	UNCLASSIFIED EXCAVATION (WT: 35)	CY	45.000
0451	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	6,017.000
0452	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 35)	EACH	120.000
0453	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	12.000
0454	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	18.000
0455	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	CY	2.000
0456	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	73.000
0457	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	14.000
0458	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	19.000
0459	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	27.000
0460	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	8.000
0461	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	44.000
0462	611E96486	20' X 7' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	5.000

**Total 0023 STRUCTURE 20 FOOT SPAN AND UNDER (GEA-608-0376)
(PART 3)**

Section	0024	MAINTENANCE OF TRAFFIC (PART 3)		
0463	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	200.000
0464	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
0465	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	120.000
0466	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0467	614E12421	DETOUR SIGNING, AS PER PLAN (WT: 39)	LS	1.000
0468	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	8.000
0469	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	5.000
0470	614E13310	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	4.000
0471	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	4.000
0472	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	24.000

0473	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	2.930
0474	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	5.850
0475	616E10000	WATER (WT: NR)	MGAL	54.000
0476	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	200.000
Total 0024 MAINTENANCE OF TRAFFIC (PART 3)				
Section	0025	INCIDENTALS (PART 1, 2, 3)		
0477	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0478	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0479	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	20.000
0480	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0481	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0025 INCIDENTALS (PART 1, 2, 3)				

Project Number: 200493
PID: 77813
Hamilton
US 22/US 22D-00.91/00.07
E070(472)

DBE Goal: 7%

Date Set for Completion: 6/30/2022

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING HAM-22/22D-0.91/0.07 IN HAMILTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE DECK EXPANSION JOINTS, PATCHING SUBSTRUCTURES, REPLACING SOME CROSSFRAMES, BEARING REPLACEMENT, SEALING CONCRETE SURFACES, PAINTING STRUCTURAL STEEL AND PERFORMING OTHER REPAIRS ON BRIDGE NOS. HAM-22-0091 AND HAM-22D-0007.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
Total	0001	ROADWAY		
Section	0002	LIGHTING		
0002	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	12.000
0003	625E00470	CONNECTION, UNFUSED BOLTED (WT: 43)	EACH	8.000
0004	625E23302	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	2,220.000
0005	625E23401	NO. 10 AWG POLE AND BRACKET CABLE, AS PER PLAN (WT: 43)	FT	185.000
0006	625E75550	DISTRIBUTION CABLE REMOVED (WT: NR)	FT	2,040.000
0007	625E75800	DISCONNECT CIRCUIT (WT: NR)	EACH	3.000
0008	632E69350	POWER CABLE, MISC.: TEMPORARY OVERHEAD CABLE TRIPLEX (WT: 43)	FT	1,020.000
Total	0002	LIGHTING		
Section	0003	TRAFFIC CONTROL		
0009	644E00200	LANE LINE, 4" (WT: 45)	MILE	0.100
0010	646E10000	EDGE LINE, 4" (WT: 45)	MILE	0.500
0011	646E10100	LANE LINE, 4" (WT: 45)	MILE	0.250
Total	0003	TRAFFIC CONTROL		

Section 0004		MAINTENANCE OF TRAFFIC		
0012	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	50.000
0013	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	0.500
0014	614E24400	WORK ZONE DOTTED LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	FT	750.000
Total 0004		MAINTENANCE OF TRAFFIC		
Section 0005		STRUCTURE REPAIR (HAM-22-0091)		
0015	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	LS	1.000
0016	511E53014	CLASS QC3 CONCRETE, MISC.:SUPERSTRUCTURE CONCRETE WITH QC/QA, AS PER PLAN (BRIDGE DECK) (WT: 29)	CY	39.000
0017	511E53014	CLASS QC3 CONCRETE, MISC.:SUPERSTRUCTURE CONCRETE WITH QC/QA, AS PER PLAN (PARAPET) (WT: 29)	CY	7.000
0018	511E71200	CONCRETE, MISC.:CLASS QC1, DRAINAGE CHAMBER COVER (WT: NR)	SF	16.000
0019	512E10000	SEALING OF CONCRETE SURFACES (SOLUABLE REACTIVE SILICATE) (WT: 57)	SY	90.000
0020	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	1,200.000
0021	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,659.000
0022	513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 29)	LB	3,900.000
0023	514E00051	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL, AS PER PLAN (WT: 26)	SF	32,900.000
0024	514E00057	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT, AS PER PLAN (WT: 26)	SF	32,900.000
0025	514E00061	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT, AS PER PLAN (WT: 26)	SF	32,900.000
0026	514E00067	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT, AS PER PLAN (WT: 26)	SF	32,900.000
0027	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	48.000
0028	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	28.000
0029	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	FT	262.000
0030	516E43100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (T=2.26") (WT: 29)	EACH	10.000

0031	516E46900	BEARING DEVICE, MISC.:BEARING REPAIR (WT: 29)	EACH	3.000
0032	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0033	518E62100	STRUCTURE DRAINAGE, MISC.: CLEANING BRIDGE DRAINAGE SYSTEM (WT: NR)	FT	300.000
0034	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	310.000
0035	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	1,200.000
0036	625E25930	CONDUIT, MISC.: CONDUIT 1-1/2", 725.04 (WT: NR)	EACH	3.000

Total 0005 STRUCTURE REPAIR (HAM-22-0091)

Section	0006	STRUCTURE REPAIR (HAM-22D-0007)		
0037	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	LS	1.000
0038	511E53014	CLASS QC3 CONCRETE, MISC.:SUPERSTRUCTURE CONCRETE WITH QC/QA, AS PER PLAN (BRIDGE DECK) (WT: 29)	CY	15.000
0039	511E53014	CLASS QC3 CONCRETE, MISC.:SUPERSTRUCTURE CONCRETE WITH QC/QA, AS PER PLAN (PARAPET) (WT: 29)	CY	7.000
0040	512E10000	SEALING OF CONCRETE SURFACES (SOLUABLE REACTIVE SILICATE) (WT: 57)	SY	505.000
0041	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	1,000.000
0042	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	50.000
0043	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,000.000
0044	513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 29)	LB	5,700.000
0045	514E00051	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL, AS PER PLAN (WT: 26)	SF	22,200.000
0046	514E00057	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT, AS PER PLAN (WT: 26)	SF	22,200.000
0047	514E00061	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT, AS PER PLAN (WT: 26)	SF	22,200.000
0048	514E00067	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT, AS PER PLAN (WT: 26)	SF	22,200.000
0049	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	32.000
0050	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	19.000

0051	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	FT	140.000
0052	516E14600	STRUCTURAL JOINT OR JOINT SEALER, MISC.:FIELD INJECTION OF EXISTING JOINT WITH HIGH DENSITY POLYURETHANE FOAM (WT: 29)	FT	20.000
0053	516E43100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (T=2.26") (WT: 29)	EACH	4.000
0054	516E43100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (T=3.47") (WT: 29)	EACH	4.000
0055	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0056	518E62100	STRUCTURE DRAINAGE, MISC.: CLEANING BRIDGE DRAINAGE SYSTEM (WT: NR)	FT	300.000
0057	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	90.000
0058	625E25930	CONDUIT, MISC.: CONDUIT 1-1/2", 725.04 (WT: NR)	EACH	3.000
Total 0006 STRUCTURE REPAIR (HAM-22D-0007)				
Section	0007	INCIDENTALS		
0059	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0060	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0061	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0062	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007 INCIDENTALS				

Project Number: 200494

PID: 98547

Hamilton

US 42-11.97

E170(206)

DBE Goal: 10%

Date Set for Completion: 10/1/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING HAM-42-11.97 IN HAMILTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RECONSTRUCTING BRIDGE NO. HAM-42-1198, A SINGLE SPAN COMPOSITE BOX BEAM WITH REINFORCED CONCRETE DECK ON EXISTING SUBSTRUCTURE, (SPAN: 42'; ROADWAY: 48' TOE/TOE OF CURBS WITH 6' SIDEWALKS ON BOTH SIDES), U.S. 42 OVER COOPER CREEK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	494.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	314.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	371.000
0005	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	201.000
0006	202E42001	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN (WT: NR)	EACH	2.000
0007	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	1.000
0008	202E98100	REMOVAL MISC.:ROCK REMOVED (WT: NR)	EACH	1.000
0009	203E10000	EXCAVATION (WT: 06)	CY	2.000
0010	203E20000	EMBANKMENT (WT: 06)	CY	56.000
0011	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	845.000
0012	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	38.000
0013	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	2.000
0014	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0015	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	2.000

0016	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	1.000
0017	608E10000	4" CONCRETE WALK (WT: 38)	SF	353.000
0018	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	3.000
Total 0001		ROADWAY		
Section	0002	EROSION CONTROL		
0019	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0020	659E00300	TOPSOIL (WT: 46)	CY	61.000
0021	659E10000	SEEDING AND MULCHING (WT: 46)	SY	550.000
0022	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	28.000
0023	659E15000	INTER-SEEDING (WT: 46)	SY	28.000
0024	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.070
0025	659E31000	LIME (WT: 46)	ACRE	0.110
0026	659E35000	WATER (WT: 46)	MGAL	3.000
0027	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0028	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	2.000
0029	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	62.000
0030	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	41.000
0031	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	2.000
0032	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0033	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	229.000
0034	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE 1.25" (WT: 13)	SY	3,177.000
0035	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	100.000
0036	304E20000	AGGREGATE BASE (WT: 09)	CY	146.000
0037	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	324.000
0038	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	2.000
0039	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	3.000
0040	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (WT: 10)	CY	151.000

0041	609E26000	CURB, TYPE 6 (WT: 38)	FT	367.000
Total	0004	PAVEMENT		
Section	0005	WATER WORK		
0042	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	2.000
Total	0005	WATER WORK		
Section	0006	TRAFFIC CONTROL		
0043	621E00100	RPM (WT: 41)	EACH	43.000
0044	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	43.000
0045	626E00110	BARRIER REFLECTOR, TYPE 2, BI-DIRECTIONAL (WT: NR)	EACH	9.000
0046	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	7.000
0047	630E86010	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION (WT: 42)	EACH	3.000
0048	630E87101	REMOVAL OF OVERHEAD MOUNTED SIGN AND REERECTION, AS PER PLAN (WT: 42)	EACH	1.000
0049	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.280
0050	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.140
0051	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	10.000
Total	0006	TRAFFIC CONTROL		
Section	0007	MAINTENANCE OF TRAFFIC		
0052	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	25.000
0053	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
0054	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	270.000
0055	614E12336	WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL) (WT: 39)	EACH	2.000
0056	614E12338	WORK ZONE IMPACT ATTENUATOR (BIDIRECTIONAL) (WT: 39)	EACH	1.000
0057	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 10)	CY	5.000
0058	614E13310	BARRIER REFLECTOR, TYPE 1, ONE WAY (WT: NR)	EACH	53.000
0059	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	53.000
0060	614E20000	WORK ZONE LANE LINE, CLASS I, 4" (WT: 39)	MILE	0.160
0061	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.280
0062	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.480

0063	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.140
0064	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	0.470
0065	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	552.000
0066	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	10.000
0067	614E40050	BUSINESS ENTRANCE SIGN (WT: 39)	EACH	2.000
0068	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	93.000
0069	616E10000	WATER (WT: NR)	MGAL	51.000
0070	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	320.000
0071	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	200.000
0200	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000

Total 0007 MAINTENANCE OF TRAFFIC

Section	0008	STRUCTURE OVER 20 FOOT SPAN (HAM-42-1198)		
0072	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0073	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	214.000
0074	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	454.000
0075	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 20)	LS	1.000
0076	503E21300	UNCLASSIFIED EXCAVATION (WT: 20)	LS	1.000
0077	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	16,635.000
0078	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 20)	EACH	46.000
0079	511E44110	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING (WT: 20)	CY	1.000
0080	511E53014	CLASS QC3 CONCRETE, MISC.: CLASS QC3 CONCRETE WITH QC/QA, SUPERSTRUCTURE (WT: 20)	CY	108.000
0081	512E10050	SEALING OF CONCRETE SURFACES (NON- EPOXY) (WT: 57)	SY	121.000
0082	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	456.000
0083	512E10601	CONCRETE REPAIR BY EPOXY INJECTION, AS PER PLAN (WT: 29)	FT	116.000
0084	515E12030	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB17-48 (43'-0" O/O BEAM) (WT: 20)	EACH	15.000
0085	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	31.000

0086	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	28.000
0087	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 20)	FT	149.000
0088	516E41100	1/8" PREFORMED BEARING PAD (WT: 20)	EACH	30.000
0089	516E42600	ELASTOMERIC BEARING PAD, MISC.: 6"X1.25" (WT: 20)	FT	124.000
0090	516E43201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE), AS PER PLAN (8"X10"X1.25") (WT: 20)	EACH	60.000
0091	517E73101	TEMPORARY BRIDGE RAILING, AS PER PLAN (WT: NR)	FT	82.000
0092	517E75121	RAILING (CONCRETE PARAPET WITH TWIN STEEL TUBE RAILING), AS PER PLAN (WT: 20)	FT	158.000
0093	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 20)	CY	20.000
0094	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	278.000
0095	526E15001	REINFORCED CONCRETE APPROACH SLABS (T=13"), AS PER PLAN (WT: 29)	SY	275.000
0096	526E90010	TYPE A INSTALLATION (WT: 29)	FT	126.000
0097	625E25504	CONDUIT, 3", 725.051 (WT: NR)	FT	158.000
Total 0008 STRUCTURE OVER 20 FOOT SPAN (HAM-42-1198)				
Section	0009	INCIDENTALS		
0098	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0099	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0100	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0101	624E10000	MOBILIZATION (WT: NR)	LS	1.000
0102	690E98400	SPECIAL -CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION (WT: NR)	LS	1.000
0103	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
Total 0009 INCIDENTALS				

Project Number: 200495

PID: 108798

Jefferson

CR 2-02.54

E191(131)

DBE Goal: 6%

Date Set for Completion: 8/31/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING A SECTION IN THE VILLAGE OF YORKVILLE, WITHIN WARREN TOWNSHIP, OF JEFFERSON COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING AND RESURFACING THE SPECIFIED SECTION OF COUNTY ROUTE 2, INCLUDING ALL RELATED WORK. PROJECT ALSO INCLUDES REPLACEMENT OF CURB RAMPS, RAILROAD PREEMPTION, MINOR CONCRETE PAVEMENT, AND TRAFFIC SIGNALIZATION REPLACEMENT & INSTALLATION.

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	661.000
0003	202E23000	PAVEMENT REMOVED (ASPHALT) (WT: NR)	SY	239.000
0004	202E30000	WALK REMOVED (WT: NR)	SF	766.000
0005	202E32000	CURB REMOVED (WT: NR)	FT	128.000
0006	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	32.000
0007	607E98000	FENCE, MISC.:TEMPORARY ORANGE PLASTIC CONSTRUCTION FENCE (WT: 37)	FT	600.000
0008	608E10000	4" CONCRETE WALK (WT: 38)	SF	1,054.000
0009	608E15000	8" CONCRETE WALK (WT: 38)	SF	274.000
0010	608E52000	CURB RAMP (WT: 38)	SF	411.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0011	659E00300	TOPSOIL (WT: 46)	CY	10.000
0012	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	30.000
0013	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0014	611E00400	4" CONDUIT, TYPE E, 725.051 (WT: 35)	FT	100.000

Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0015	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3.00" (WT: 13)	SY	6,566.000
0016	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	7.000
0017	304E20000	AGGREGATE BASE (WT: 09)	CY	14.000
0018	407E10000	TACK COAT (WT: 10)	GAL	1,625.000
0019	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG70-22M (WT: 10)	CY	234.000
0020	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	323.000
0021	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	2.000
0022	452E13040	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	661.000
0023	609E24510	CURB, TYPE 4-C (WT: 38)	FT	203.000
0024	609E26000	CURB, TYPE 6 (WT: 38)	FT	56.000
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0025	630E79200	SIGN ATTACHMENT ASSEMBLY, MAST ARM (WT: 42)	EACH	3.000
0026	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	2.000
0027	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	24.000
0028	630E80500	SIGN, DOUBLE FACED, STREET NAME (WT: 42)	EACH	1.000
0029	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	3.000
0030	644E00300	CENTER LINE (WT: 45)	MILE	0.340
0031	644E00500	STOP LINE (WT: 45)	FT	171.000
0032	644E00600	CROSSWALK LINE (WT: 45)	FT	408.000
0033	644E01500	DOTTED LINE, 4" (WT: 45)	FT	90.000
0034	646E10200	CENTER LINE (WT: 45)	MILE	0.030
Total 0005		TRAFFIC CONTROL		
Section	0006	TRAFFIC SIGNALS		
0035	625E25604	CONDUIT, 4", 725.051 (WT: 43)	FT	339.000
0036	625E29000	TRENCH (WT: 43)	FT	47.000
0037	625E29600	TRENCH IN PAVED AREA, TYPE B (WT: 43)	FT	258.000

0038	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	5.000
0039	625E32000	GROUND ROD (WT: 43)	EACH	6.000
0040	625E36000	PLASTIC CAUTION TAPE (WT: NR)	FT	305.000
0041	625E76000	ARC FLASH CALCULATIONS AND LABEL, SIGNAL CONTROLLER (WT: NR)	EACH	1.000
0042	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	7.000
0043	632E05065	VEHICULAR SIGNAL HEAD, (LED), 4- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	1.000
0044	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	8.000
0045	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	9.000
0046	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	8.000
0047	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	4.000
0048	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	453.000
0049	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,009.000
0050	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	1.000
0051	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	4.000
0052	632E69200	POWER CABLE, 2 CONDUCTOR, NO. 4 AWG (WT: 44)	FT	69.000
0053	632E69900	SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	FT	123.000
0054	632E70000	POWER SERVICE (WT: 44)	EACH	1.000
0055	632E71348	SIGNAL SUPPORT, TYPE TC-12.31 DESIGN 10 POLE, WITH MAST ARMS TC-81.22 DESIGN 12 AND DESIGN 12 (WT: 44)	EACH	1.000
0056	632E72901	SIGNAL SUPPORT, MECHANICAL DAMPER FOR TC-81.22 MAST ARM (GREATER THAN 39' IN LENGTH), AS PER PLAN (WT: 44)	EACH	2.000
0057	632E89904	PEDESTAL, 10', TRANSFORMER BASE (WT: 44)	EACH	4.000
0058	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000
0059	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0060	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	1.000

0061	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0062	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	4.000
0063	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
0064	819E10001	RAILROAD PREEMPTION INTERFACE, AS PER PLAN (POLE SP-1) (WT: 44)	EACH	1.000
0065	828E00100	LED BLANKOUT SIGN, "NO TURN ON RED", 24" X 30" (WT: 44)	EACH	2.000
Total 0006		TRAFFIC SIGNALS		
Section	0007	MAINTENANCE OF TRAFFIC		
0066	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	5.000
0067	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	16.000
0068	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0069	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	5.000
0070	614E21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I (WT: 39)	MILE	0.070
0071	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	0.160
0072	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	32.000
Total 0007		MAINTENANCE OF TRAFFIC		
Section	0008	INCIDENTALS		
0073	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0074	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0075	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0076	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	4.000
0077	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0078	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

Project Number: 200496

PID: 110091

Marion

US-US 23-09.74

E190(768)

DBE Goal: 7.0%

Date Set for Completion: 8/31/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN GRAND PRAIRIE AND MARION TOWNSHIPS, WITHIN MARION COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING AND RESURFACING THE SPECIFIED SECTION OF US ROUTE 23 FROM SLM 9.74 TO THE MARION/WYANDOT COUNTY LINE, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT INCLUDES MILLING AND RESURFACING THE INTERCHANGE RAMPS AT SR 94, SR 309, CR 162, SR 4, AND SR 231, SEALING SEVERAL BRIDGE DECKS WITH A GRAVITY FED RESIN, AND SOME GUARDRAIL REMOVAL/REPLACEMENT.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E38001	GUARDRAIL REMOVED, AS PER PLAN (WT: NR)	FT	1,950.000
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	6.000
0004	202E42041	ANCHOR ASSEMBLY REMOVED, TYPE T, AS PER PLAN (WT: NR)	EACH	6.000
0005	202E47001	BRIDGE TERMINAL ASSEMBLY REMOVED, AS PER PLAN (WT: NR)	EACH	8.000
0006	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	798.000
0007	209E60500	LINEAR GRADING (WT: 06)	MILE	19.760
0008	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	300.000
0009	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	2,212.500
0010	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (WT: 36)	EACH	1.000
0011	606E26151	ANCHOR ASSEMBLY, MGS TYPE E, AS PER PLAN (MASH 2016) (WT: 36)	EACH	5.000
0012	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	4.000
0013	606E27851	ANCHOR ASSEMBLY REBUILT, TYPE E, AS PER PLAN (WT: 36)	EACH	4.000

0014	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	2.000
0015	606E35120	BRIDGE TERMINAL ASSEMBLY, TYPE 3 (WT: 36)	EACH	6.000
0016	606E98000	GUARDRAIL, MISC.:ALTERNATIVE GUARDRAIL PLACEMENT (WT: 36)	FT	100.000
0017	622E90200	BARRIER, MISC.:VERTICAL EXTENSION OF BARRIER TRANSITION (WT: 38)	EACH	2.000
Total 0001		ROADWAY		
Section	0002	EROSION CONTROL		
0018	659E00300	TOPSOIL (WT: 46)	CY	144.000
0019	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,296.000
0020	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	65.000
0021	659E15000	INTER-SEEDING (WT: 46)	SY	65.000
0022	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.180
0023	659E31000	LIME (WT: 46)	ACRE	0.270
0024	659E35000	WATER (WT: 46)	MGAL	7.000
0025	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0002		EROSION CONTROL		
Section	0003	DRAINAGE		
0026	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	12.000
Total 0003		DRAINAGE		
Section	0004	PAVEMENT		
0027	251E01041	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, 3.0" (WT: 16)	SY	1,800.000
0028	251E01041	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, 4.5" (WT: 16)	SY	2,000.000
0029	253E02001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	CY	3,275.000
0030	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	48,523.000
0031	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2.0" (WT: 13)	SY	485,226.000
0032	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	45,426.000
0033	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	19,702.000
0034	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76- 22M (WT: 10)	CY	2,032.000
0035	442E10300	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447) (WT: 10)	CY	27,002.000

0036	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	785.000
0037	617E25000	WATER (WT: NR)	MGAL	3.000
0038	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	38.820
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0039	621E00100	RPM (WT: 41)	EACH	1,638.000
0040	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,473.000
0041	626E00110	BARRIER REFLECTOR, TYPE 2, ONE-WAY (WT: NR)	EACH	52.000
0042	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	90.000
0043	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	180.000
0044	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	202.000
0045	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	9.000
0046	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	46.900
0047	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	19.870
0048	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	18,693.000
0049	644E00300	CENTER LINE (WT: 45)	MILE	0.020
0050	644E00500	STOP LINE (WT: 45)	FT	484.000
0051	644E00720	CHEVRON MARKING (WT: 45)	FT	972.000
0052	644E01360	WRONG WAY ARROW (WT: 45)	EACH	20.000
0053	644E01510	DOTTED LINE, 6" (WT: 45)	FT	14,915.000
0054	644E40000	SPECIAL - AIR SPEED ZONE MARKING (WT: 45)	EACH	28.000
0055	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.310
0056	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.180
0057	646E10200	CENTER LINE (WT: 45)	MILE	0.070
Total 0005		TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0058	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	500.000
0059	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	8.000
0060	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	20.120
0061	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.070

0062	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	47.700
0063	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	18,893.000
0064	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	14,915.000
0065	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	484.000
Total 0006 MAINTENANCE OF TRAFFIC				
Section	0007	MAR-23-10.06 (SFN 5100690)		
0066	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,008.000
0067	517E72750	RAILING (THRIE BEAM RETROFIT) (WT: 36)	FT	416.000
0068	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	200.000
Total 0007 MAR-23-10.06 (SFN 5100690)				
Section	0008	MAR-23-10.07 (SFN 5100666)		
0069	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,008.000
0070	517E72750	RAILING (THRIE BEAM RETROFIT) (WT: 36)	FT	416.000
0071	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	200.000
Total 0008 MAR-23-10.07 (SFN 5100666)				
Section	0009	MAR-23-11.07 (SFN 5100755)		
0072	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	909.000
0073	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	22.000
Total 0009 MAR-23-11.07 (SFN 5100755)				
Section	0010	MAR-23-11.07 (SFN 5100720)		
0074	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	909.000
0075	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	22.000
Total 0010 MAR-23-11.07 (SFN 5100720)				
Section	0011	MAR-23-12.65 (SFN 5100925)		
0076	512E10400	TREATING OF CONCRETE BRIDGE DECK WITH SRS (WT: 57)	SY	1,678.000
Total 0011 MAR-23-12.65 (SFN 5100925)				
Section	0012	MAR-23-16.13 (SFN 5101026)		
0077	512E10400	TREATING OF CONCRETE BRIDGE DECK WITH SRS (WT: 57)	SY	1,082.000

Total 0012		MAR-23-16.13 (SFN 5101026)		
Section 0013		MAR-23-16.14 (SFN 5101050)		
0078	512E10400	TREATING OF CONCRETE BRIDGE DECK WITH SRS (WT: 57)	SY	1,082.000
Total 0013		MAR-23-16.14 (SFN 5101050)		
Section 0014		MAR-23-16.75 (SFN 5101085)		
0079	512E10400	TREATING OF CONCRETE BRIDGE DECK WITH SRS (WT: 57)	SY	604.000
Total 0014		MAR-23-16.75 (SFN 5101085)		
Section 0015		MAR-23-16.76 (SFN 5101115)		
0080	512E10400	TREATING OF CONCRETE BRIDGE DECK WITH SRS (WT: 57)	SY	604.000
Total 0015		MAR-23-16.76 (SFN 5101115)		
Section 0016		INCIDENTALS		
0081	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0082	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0083	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0084	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0016		INCIDENTALS		

Project Number: 200497

PID: 103817

Mercer

SR 707-16.97

E191(009)

DBE Goal: 7.0%

Date Set for Completion: 6/30/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN UNION TOWNSHIP, OF MERCER COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING HYDRODEMOLITION AND PLACING AN SDC OVERLAY ON THE EXISTING DECK, PLACING NEW DEEP BEAM RAILING, RESETTING BEARINGS, AND ALL OTHER RELATED ITEMS OF WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	EROSION CONTROL		
0001	659E10000	SEEDING AND MULCHING (WT: 46)	SY	318.000
0002	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	16.000
0003	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.040
0004	659E35000	WATER (WT: 46)	MGAL	2.000
0005	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0001	EROSION CONTROL		
Section	0002	PAVEMENT		
0006	407E10000	TACK COAT (WT: 10)	GAL	26.000
0007	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	13.000
Total	0002	PAVEMENT		
Section	0003	TRAFFIC CONTROL		
0008	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1.000
0009	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.130
0010	646E10200	CENTER LINE (WT: 45)	MILE	0.070
Total	0003	TRAFFIC CONTROL		
Section	0004	MAINTENANCE OF TRAFFIC		
0011	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000

Total 0004		MAINTENANCE OF TRAFFIC		
Section	0005	STRUCTURE REPAIR (MER-707-1697)		
0012	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	268.000
0013	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	132.000
0014	509E25001	UNCOATED REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	100.000
0015	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (WT: 29)	FT	72.000
0016	516E46701	RESET BEARING, AS PER PLAN (WT: 29)	EACH	6.000
0017	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0018	517E75600	DEEP BEAM BRIDGE RETROFIT RAILING (WT: 36)	FT	462.500
0019	517E76302	RAILING, MISC.: REPAIR OF COMPROMISED TOP ANCHOR BOLTS (WT: 29)	EACH	10.000
0020	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 29)	FT	559.000
0021	848E10200	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, (1 3/4" THICK) (WT: 29)	SY	902.000
0022	848E20001	SURFACE PREPARATION USING HYDRODEMOLITION, AS PER PLAN (WT: 30)	SY	902.000
0023	848E30200	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY (WT: 29)	CY	68.000
0024	848E50000	HAND CHIPPING (WT: 29)	SY	120.000
0025	848E50100	TEST SLAB (WT: 29)	LS	1.000
0026	848E50200	FULL-DEPTH REPAIR (WT: 29)	CY	1.000
0027	848E50300	WEARING COURSE REMOVED, ASPHALT (WT: NR)	SY	122.000
Total 0005		STRUCTURE REPAIR (MER-707-1697)		
Section	0006	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 0006		INCIDENTALS		

Project Number: 200498

PID: 102710

Montgomery

SR-SR 725-18.18

E170(188)

DBE Goal: 7.0%

Date Set for Completion: 6/15/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF CENTERVILLE, OF MONTGOMERY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING AND RESURFACING THE SPECIFIED SECTION OF STATE ROUTE 725 FROM APPROXIMATELY NORMANDY LANE TO FAR HILLS AVE., INCLUDING ALL RELATED ITEMS OF WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	1.000
0002	690E12150	SPECIAL - ASPHALT REJUVENATING AGENT (WT: NR)	GAL	631.000
0003	690E12160	SPECIAL - TESTING (WT: NR)	LS	1.000
Total	0001	ROADWAY		
Section	0002	DRAINAGE		
0004	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	15.000
Total	0002	DRAINAGE		
Section	0003	PAVEMENT		
0005	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	500.000
0006	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1 3/4" DEPTH (WT: 13)	SY	14,556.000
0007	254E01601	PATCHING PLANED SURFACE, AS PER PLAN (WT: 16)	SY	50.000
0008	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	1,240.000
0009	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	709.000
0010	442E20001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448), AS PER PLAN, PG64-22M (WT: 10)	CY	709.000
Total	0003	PAVEMENT		

Section 0004		WATER WORK		
0011	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	13.000
Total 0004		WATER WORK		
Section 0005		TRAFFIC CONTROL		
0012	621E00100	RPM (WT: 41)	EACH	104.000
0013	621E00101	RPM, AS PER PLAN (WT: 41)	EACH	11.000
0014	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	165.000
0015	644E00200	LANE LINE, 4" (WT: 45)	MILE	0.890
0016	644E00300	CENTER LINE (WT: 45)	MILE	0.490
0017	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	311.000
0018	644E00500	STOP LINE (WT: 45)	FT	96.000
0019	644E00600	CROSSWALK LINE (WT: 45)	FT	1,130.000
0020	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	90.000
0021	644E01100	SCHOOL SYMBOL MARKING, 72" (WT: 45)	EACH	4.000
0022	644E01300	LANE ARROW (WT: 45)	EACH	5.000
Total 0005		TRAFFIC CONTROL		
Section 0006		TRAFFIC SIGNALS		
0023	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	1.000
0024	632E27201	LOOP DETECTOR TIE IN, AS PER PLAN (WT: 44)	EACH	1.000
Total 0006		TRAFFIC SIGNALS		
Section 0007		MAINTENANCE OF TRAFFIC		
0025	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	80.000
0026	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	1.780
0027	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.980
0028	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	622.000
0029	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	192.000
0030	614E31740	WORK ZONE SCHOOL SYMBOL MARKING, 72", CLASS III, 642 PAINT (WT: 39)	EACH	8.000
Total 0007		MAINTENANCE OF TRAFFIC		
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	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

Project Number: 200499

PID: 96560

Portage

TRU

/TRU MCRO FY2021(A)

E150(796)

DBE Goal: 5.0%

Date Set for Completion: 7/31/2021

Type: MICROSURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS ROUTES IN VARIOUS VILLAGES AND TOWNSHIPS, OF PORTAGE AND TRUMBULL COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MICROSURFACING AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	203E10000	EXCAVATION (WT: 06)	CY	9.000
0002	623E39501	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN (WT: NR)	EACH	18.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0003	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0004	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	15.000
0005	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	10.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0006	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	6,000.000
0007	253E01000	PAVEMENT REPAIR (WT: 16)	SY	50.000
0008	304E20000	AGGREGATE BASE (WT: 09)	CY	9.000
0009	421E10011	MICROSURFACING, SURFACE COURSE, AS PER PLAN (WT: 11)	SY	507,450.000
Total	0004	PAVEMENT		

Section	0005	WATER WORK		
0010	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	6.000
Total	0005	WATER WORK		
Section	0006	TRAFFIC CONTROL		
0011	621E00100	RPM (WT: 41)	EACH	2,300.000
0012	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,846.000
0013	646E10010	EDGE LINE, 6" (WT: 45)	MILE	38.790
0014	646E10110	LANE LINE, 6" (WT: 45)	MILE	12.240
0015	646E10200	CENTER LINE (WT: 45)	MILE	21.280
0016	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	4,311.000
0017	646E10400	STOP LINE (WT: 45)	FT	545.000
0018	646E10500	CROSSWALK LINE (WT: 45)	FT	1,777.000
0019	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	35.000
0020	646E10800	ISLAND MARKING (WT: 45)	SF	48.000
0021	646E10900	HANDICAP SYMBOL MARKING (WT: 45)	EACH	3.000
0022	646E20000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	2.000
0023	646E20100	SCHOOL SYMBOL MARKING, 72" (WT: 45)	EACH	3.000
0024	646E20200	PARKING LOT STALL MARKING (WT: 45)	FT	2,376.000
0025	646E20300	LANE ARROW (WT: 45)	EACH	60.000
0026	646E20504	DOTTED LINE, 6" (WT: 45)	FT	880.000
0027	646E20600	BIKE LANE SYMBOL MARKING (WT: 45)	EACH	26.000
0028	646E50000	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	65.000
0029	646E50100	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	7,548.000
0030	646E50200	REMOVAL OF PAVEMENT MARKING (WT: 45)	SF	48.000
0031	646E50300	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	72.310
Total	0006	TRAFFIC CONTROL		
Section	0007	MAINTENANCE OF TRAFFIC		
0032	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	40.000
0033	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	106.000
0034	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000
0035	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	24.480
0036	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	42.560

0037	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	77.580
0038	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	8,622.000
0039	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	1,760.000
0040	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	1,090.000

Total 0007 MAINTENANCE OF TRAFFIC

Section	0008	INCIDENTALS		
0041	103E06000	PREMIUM FOR CONTRACT PERFORMANCE BOND, PAYMENT BOND AND MAINTENANCE BOND (WT: NR)	LS	1.000
0042	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0043	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
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: 200500

PID: 98567

Preble

US 127-14.69

E150(957)

DBE Goal: 6.0%

Date Set for Completion: 10/1/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING A SECTION NORTH OF THE CITY OF EATON, OF PREBLE COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLANING AND RESURFACING 9 MILES OF STATE ROUTE 127. THE PROJECT ALSO INCLUDES THE REMOVAL AND REPLACEMENT OF RUMBLE STRIPES, SIGNS, AND GUARDRAIL AS WELL AS THE REMOVAL AND REPLACEMENT OF EXPANSION JOINTS ON BRIDGE NO. PRE-127-1718.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,125.000
0002	202E42001	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN (WT: NR)	EACH	14.000
0003	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	6.000
0004	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	4.000
0005	517E75600	DEEP BEAM BRIDGE RETROFIT RAILING (WT: 36)	FT	184.000
0006	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	875.000
0007	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, NCHRP 350 OR MASH 2016 (WT: 36)	EACH	14.000
0008	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	6.000
0009	606E35141	BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN (WT: 36)	EACH	4.000
Total	0001	ROADWAY		
Section	0002	PAVEMENT		
0010	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	17.000
0011	253E02000	PAVEMENT REPAIR (WT: 16)	CY	250.000

0012	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.25" (WT: 13)	SY	31.000
0013	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3" (WT: 13)	SY	147,337.000
0014	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	1,476.000
0015	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	22,106.000
0016	441E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	18,136.000
0017	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	5,294.000
0018	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	7,163.000
0019	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	4.000
0020	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	502.000
0021	617E25000	WATER (WT: NR)	MGAL	10.000
0022	618E41000	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	MILE	17.000
0023	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	2.000

Total 0002 PAVEMENT

Section	0003	TRAFFIC CONTROL		
0024	621E00100	RPM (WT: 41)	EACH	604.000
0025	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	604.000
0026	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	21.000
0027	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	78.000
0028	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	34.750
0029	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	4.000
0030	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0031	642E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	162.000
0032	642E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	4.000
0033	642E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	0.140
0034	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	224.000
0035	644E00500	STOP LINE (WT: 45)	FT	47.000
0036	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	301.000
0037	646E10010	EDGE LINE, 6" (WT: 45)	MILE	1.420
0038	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.980
0039	646E10200	CENTER LINE (WT: 45)	MILE	1.110

0040	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	1,405.000
0041	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	1,161.000
0042	646E10800	ISLAND MARKING (WT: 45)	SF	228.000
0043	646E20300	LANE ARROW (WT: 45)	EACH	11.000
0044	648E00104	EDGE LINE, 6" (WT: 45)	MILE	18.170
0045	648E00300	CENTER LINE (WT: 45)	MILE	8.520
Total	0003	TRAFFIC CONTROL		
Section	0004	MAINTENANCE OF TRAFFIC		
0046	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	0.980
0047	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.980
0048	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	9.630
0049	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	9.630
0050	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	19.590
0051	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	19.590
0052	614E23210	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT (WT: 39)	FT	1,629.000
0053	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	1,629.000
0054	614E25200	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 642 PAINT (WT: 39)	FT	1,462.000
0055	614E25620	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS III, 642 PAINT (WT: 39)	FT	1,462.000
0056	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	47.000
0057	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	47.000
0058	614E30200	WORK ZONE ARROW, CLASS I, 642 PAINT (WT: 39)	EACH	11.000
0059	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	11.000
0060	614E32700	WORK ZONE ISLAND MARKING, CLASS I (WT: 39)	SF	228.000
0061	614E32800	WORK ZONE ISLAND MARKING, CLASS III, 642 PAINT (WT: 39)	SF	228.000
Total	0004	MAINTENANCE OF TRAFFIC		
Section	0005	STRUCTURE REPAIR (6802680)		

0062	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	37.560
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Total 0005	STRUCTURE REPAIR (6802680)
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Section 0006	INCIDENTALS
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0063	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0064	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0065	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
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0066	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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Total 0006	INCIDENTALS
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Project Number: 200501
PID: 101874
Ross
CR 213A/VAR Guardrail FY 2021
E161(076)

DBE Goal: 5.0%

Date Set for Completion: 6/4/2021

Type: GUARDRAIL REBUILDING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN ROSS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY INSTALLING AND UPGRADING GUARDRAIL AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E38101	GUARDRAIL REMOVED FOR STORAGE, AS PER PLAN (WT: NR)	FT	10,031.250
0002	209E15001	RESHAPING UNDER GUARDRAIL, AS PER PLAN (WT: 06)	STA	117.000
0003	209E70000	BORROW (WT: 06)	CY	500.000
0004	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	2,993.750
0005	606E13030	GUARDRAIL, TYPE 5, USING 9 FOOT POSTS (WT: 36)	FT	7,262.500
0006	606E17290	GUARDRAIL, TYPE 5, LONG-SPAN (WT: 36)	FT	250.000
0007	606E20000	FLARED END SECTION (WT: 36)	EACH	15.000
0008	606E26101	ANCHOR ASSEMBLY, TYPE E, AS PER PLAN (WT: 36)	EACH	5.000
0009	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	62.000
0010	606E35140	BRIDGE TERMINAL ASSEMBLY, TYPE 4 (WT: 36)	EACH	8.000
0011	690E50000	SPECIAL - MAILBOX SUPPORT (WT: NR)	EACH	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0012	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total	0002	EROSION CONTROL		
Section	0003	TRAFFIC CONTROL		

0013	626E00110	BARRIER REFLECTOR, TYPE 2, BI-DIRECTIONAL (WT: NR)	EACH	179.000
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Total 0003	TRAFFIC CONTROL
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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: 200502

PID: 98389

Stark

SR 44/SR 153-08.84/VAR

E161(223)

DBE Goal: 7.0%

Date Set for Completion: 9/30/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF THE CITY OF LOUISVILLE AND THE VILLAGE OF EAST CANTON, IN THE TOWNSHIPS OF NIMISHILLEN AND OSNABURG, OF OHIO, BY PLANING AND RESURFACING 4.40 MILES OF SR-44 AND 1.17 MILES OF SR-153. WORK ALSO INCLUDES THE SEALING AND TREATING OF CONCRETE SURFACES ON 7 BRIDGES, CLEANING OUT OF CHANNELS, AND PLACEMENT OF A 4.5 FT SECTION OF CULVERT TO EXTEND STRUCTURE NO. STA-44-0938.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	44.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	341.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	20.000
0004	209E60200	LINEAR GRADING (WT: 06)	STA	401.000
0005	608E10000	4" CONCRETE WALK (WT: 38)	SF	180.000
0006	608E52000	CURB RAMP (WT: 38)	SF	150.000
0007	608E53020	DETECTABLE WARNING (WT: 38)	SF	16.000
0008	609E26000	CURB, TYPE 6 (WT: 38)	FT	20.000
0009	623E39501	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN (WT: NR)	EACH	11.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0010	659E10000	SEEDING AND MULCHING (WT: 46)	SY	22,282.000
0011	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	2.980
0012	659E31000	LIME (WT: 46)	ACRE	4.610
0013	659E35000	WATER (WT: 46)	MGAL	120.300
0014	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		

0015	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	18.000
0016	611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	EACH	4.000
0017	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	8.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0018	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	3,500.000
0019	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T=2 1/2") (WT: 13)	SY	63,132.000
0020	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	9,891.000
0021	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	4,206.000
0022	424E12001	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN (WT: 10)	CY	3,085.000
0023	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	2,130.000
0024	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	585.000
0025	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (T=1 1/4") (WT: 13)	SY	25,036.000
Total 0004		PAVEMENT		
Section 0005	WATER WORK			
0026	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	5.000
Total 0005		WATER WORK		
Section 0006	TRAFFIC CONTROL			
0027	621E00100	RPM (WT: 41)	EACH	309.000
0028	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	251.000
0029	646E10000	EDGE LINE, 4" (WT: 45)	MILE	8.170
0030	646E10200	CENTER LINE (WT: 45)	MILE	4.470
0031	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	540.000
0032	646E10400	STOP LINE (WT: 45)	FT	143.000
0033	646E10500	CROSSWALK LINE (WT: 45)	FT	283.000
0034	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	459.000
0035	646E20300	LANE ARROW (WT: 45)	EACH	11.000
Total 0006		TRAFFIC CONTROL		
Section 0007	TRAFFIC SIGNALS			

0036	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	2.000
Total 0007		TRAFFIC SIGNALS		
Section	0008	MAINTENANCE OF TRAFFIC		
0037	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	300.000
0038	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	36.000
0039	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000
0040	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	24.000
0041	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	17.080
0042	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	8.540
0043	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	8.170
0044	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	282.000
0045	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	141.000
Total 0008		MAINTENANCE OF TRAFFIC		
Section	0009	STRUCTURE REPAIR (STA-153-0353)		
0046	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0047	202E98000	REMOVAL MISC.: CHANNEL CLEANOUT (WT: NR)	LS	1.000
0048	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	15.000
0049	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0050	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0051	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
Total 0009		STRUCTURE REPAIR (STA-153-0353)		
Section	0010	STRUCTURE REPAIR (STA-153-0600)		
0052	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0053	202E30000	WALK REMOVED (WT: NR)	SF	60.000
0054	202E32000	CURB REMOVED (WT: NR)	FT	10.000
0055	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	170.000
0056	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	25.000
0057	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	395.000

0058	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	150.000
0059	608E10000	4" CONCRETE WALK (WT: 38)	SF	60.000
0060	609E26000	CURB, TYPE 6 (WT: 38)	FT	10.000
0061	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0062	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0063	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0064	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	6.000
0065	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
Total 0010		STRUCTURE REPAIR (STA-153-0600)		
Section	0011	STRUCTURE REPAIR (STA-153-1129)		
0066	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0067	202E98000	REMOVAL MISC.: CHANNEL CLEANOUT (WT: NR)	LS	1.000
0068	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	343.000
0069	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	15.000
0070	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0071	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0072	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
Total 0011		STRUCTURE REPAIR (STA-153-1129)		
Section	0012	STRUCTURE REPAIR (STA-44-0938)		
0073	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0074	202E20010	HEADWALL REMOVED (WT: NR)	EACH	2.000
0075	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	325.000
0076	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	60.000
0077	202E98000	REMOVAL MISC.: CHANNEL CLEANOUT (WT: NR)	LS	1.000
0078	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000
0079	602E20000	CONCRETE MASONRY (WT: 35)	CY	9.000
0080	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	262.500
0081	606E17360	GUARDRAIL, TYPE MGS, LONG-SPAN (WT: 36)	FT	25.000

0082	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, (MASH 2016) (WT: 36)	EACH	1.000
0083	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0084	611E04600	12" CONDUIT, TYPE C, CORRUGATED PLASTIC (WT: 35)	FT	10.000
0085	611E52900	34" X 53" CONDUIT, TYPE A, 706.04 (WT: 35)	FT	5.000
0086	611E73500	CONDUIT, TYPE A, CORRUGATED ALUMINUM BOX CULVERT, 1.4'/5', 12.92' X 6' (WT: 35)	FT	4.500
0087	611E96550	FIELD PAVING OF EXISTING PIPE, (CORRUGATED ALUMINUM BOX CULVERT, 12.92' X 6') (WT: 35)	FT	60.000
0088	613E41200	LOW STRENGTH MORTAR BACKFILL (WT: NR)	CY	5.000
0089	626E00110	BARRIER REFLECTOR, TYPE 2, (BIDIRECTIONAL) (WT: NR)	EACH	6.000
0090	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	15.000
0091	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0092	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0093	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0094	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0095	659E00300	TOPSOIL (WT: 46)	CY	8.000
0096	659E10000	SEEDING AND MULCHING (WT: 46)	SY	70.000
0097	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	4.000
0098	659E15000	INTER-SEEDING (WT: 46)	SY	4.000
0099	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.010
0100	659E31000	LIME (WT: 46)	ACRE	0.010
0101	659E35000	WATER (WT: 46)	MGAL	0.010
Total 0012 STRUCTURE REPAIR (STA-44-0938)				
Section 0013 STRUCTURE REPAIR (STA-44-1111)				
0102	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0103	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	422.000
0104	601E27000	DUMPED ROCK FILL, TYPE C (WT: 35)	CY	10.000
0105	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0106	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0107	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000

0108	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	6.000
0109	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
0110	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	27.000
Total 0013		STRUCTURE REPAIR (STA-44-1111)		
Section	0014	STRUCTURE REPAIR (STA-44-1195)		
0111	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0112	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	443.000
0113	601E27000	DUMPED ROCK FILL, TYPE C (WT: 35)	CY	5.000
0114	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0115	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0116	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0117	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	6.000
0118	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
0119	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	31.000
Total 0014		STRUCTURE REPAIR (STA-44-1195)		
Section	0015	STRUCTURE REPAIR (STA-44-1306)		
0120	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0121	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	360.000
0122	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	15.000
0123	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0124	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0125	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
Total 0015		STRUCTURE REPAIR (STA-44-1306)		
Section	0016	INCIDENTALS		
0126	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0127	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0128	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000

0129	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0130	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0016		INCIDENTALS		

Project Number: 200503

PID: 102478

Tuscarawas

US 250-00.00

E161(562)

DBE Goal: 6%

Date Set for Completion: 10/15/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

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

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	7,167.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	746.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	16.000
0004	203E10000	EXCAVATION (WT: 06)	CY	60.000
0005	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	149.000
0006	209E60500	LINEAR GRADING (WT: 06)	MILE	4.240
0007	209E72051	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	MILE	5.510
0008	607E98000	FENCE, MISC.:ORANGE PLASTIC CONTSTRUCTION FENCE (WT: 37)	FT	680.000
0009	608E52000	CURB RAMP (WT: 38)	SF	746.000
0010	608E53021	DETECTABLE WARNING, AS PER PLAN (WT: 38)	SF	23.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0011	659E98000	SEEDING, MISC.:CURB RAMP GRADING AND RESTORATION (WT: 46)	SY	41.000
0012	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0013	251E01040	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (WT: 16)	SY	200.000

0014	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1") (WT: 13)	SY	723.000
0015	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (3") (WT: 13)	SY	56,494.000
0016	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	223.000
0017	301E46020	ASPHALT CONCRETE BASE, PG70-22M (WT: 10)	CY	27.000
0018	304E20000	AGGREGATE BASE (WT: 09)	CY	25.000
0019	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	21,916.000
0020	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	6,090.000
0021	424E12001	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN (WT: 10)	CY	738.000
0022	441E10101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), AS PER PLAN (PG70-22M) (WT: 10)	CY	4,805.000
0023	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	323.000
0024	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	5,705.000
0025	441E50401	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), AS PER PLAN (WT: 10)	CY	304.000
0026	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	1,061.000
0027	617E20000	SHOULDER PREPARATION (WT: 06)	SY	13,743.000
0028	618E41000	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	MILE	4.240
0029	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	4.490
0030	874E20000	LONGITUDINAL JOINT PREPARATION (WT: 10)	FT	23,706.000

Total 0003 PAVEMENT

Section	0004	TRAFFIC CONTROL		
0031	621E00100	RPM (WT: 41)	EACH	775.000
0032	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	775.000
0033	646E10010	EDGE LINE, 6" (WT: 45)	MILE	10.160
0034	646E10200	CENTER LINE (WT: 45)	MILE	8.270
0035	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	1,016.000
0036	646E10400	STOP LINE (WT: 45)	FT	292.000
0037	646E10500	CROSSWALK LINE (WT: 45)	FT	431.000
0038	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	405.000

0039	646E10800	ISLAND MARKING (WT: 45)	SF	50.000
0040	646E20300	LANE ARROW (WT: 45)	EACH	19.000
Total	0004	TRAFFIC CONTROL		
Section	0005	MAINTENANCE OF TRAFFIC		
0041	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	120.000
0042	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	77.000
0043	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT (WT: 39)	MILE	17.650
0044	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	17.650
0045	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	2,687.000
0046	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	768.000
Total	0005	MAINTENANCE OF TRAFFIC		
Section	0006	INCIDENTALS		
0047	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0048	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0049	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0006	INCIDENTALS		

Project Number: 200504

PID: 106997

Tuscarawas

SR 800-26.67

E190(364)

DBE Goal: 5%

Date Set for Completion: 6/15/2021

Type: SLIDE REPAIR

Plan Cost: N/A

FOR IMPROVING A SECTION IN TUSCARAWAS COUNTY OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY LANDSLIDE REPAIR AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E20010	HEADWALL REMOVED (WT: NR)	EACH	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	403.000
0004	202E32700	GUTTER REMOVED (WT: NR)	SY	8.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	135.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	563.000
0007	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	3.000
0008	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT (WT: NR)	FT	65.000
0009	203E10000	EXCAVATION (WT: 06)	CY	194.000
0010	203E20000	EMBANKMENT (WT: 06)	CY	204.000
0011	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	279.000
0012	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	512.500
0013	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350 OR MASH 2016) (WT: 36)	EACH	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0014	601E11000	RIPRAP, TYPE D (WT: 35)	SY	26.000
0015	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	2.000
0016	601E27000	DUMPED ROCK FILL, TYPE C (WT: 35)	CY	76.000

0017	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	4.000
0018	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0019	659E00300	TOPSOIL (WT: 46)	CY	207.000
0020	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,868.000
0021	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	93.000
0022	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.260
0023	659E31000	LIME (WT: 46)	ACRE	0.390
0024	659E35000	WATER (WT: 46)	MGAL	10.000
0025	670E00710	DITCH EROSION PROTECTION MAT, TYPE A (WT: 46)	SY	112.000
0026	832E30000	EROSION CONTROL (WT: 08)	EACH	15,220.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0027	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.460
0028	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	200.000
0029	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	10.000
0030	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	10.000
0031	611E02000	8" CONDUIT, TYPE C (WT: 35)	FT	8.000
0032	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	16.000
0033	611E07400	18" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	55.000
0034	611E10400	24" CONDUIT, TYPE B (WT: 35)	FT	95.000
0035	611E98510	CATCH BASIN, NO. 2-3 (WT: 35)	EACH	3.000
0036	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0037	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	1,197.000
0038	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1-1/4") (WT: 13)	SY	2,790.000
0039	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	52.000
0040	304E20000	AGGREGATE BASE (WT: 09)	CY	42.000
0041	407E10000	TACK COAT (WT: 10)	GAL	275.000
0042	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	105.000

0043	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	11.000
Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0044	621E00100	RPM (WT: 41)	EACH	21.000
0045	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	21.000
0046	626E00102	BARRIER REFLECTOR, TYPE 1 (BIRDIRECTIONAL) (WT: NR)	EACH	12.000
0047	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.300
0048	646E10200	CENTER LINE (WT: 45)	MILE	0.150
Total 0005		TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0049	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0050	614E13310	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	12.000
0051	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	12.000
0052	614E21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I (WT: 39)	MILE	0.180
0053	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.150
0054	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	0.290
0055	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.300
0056	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	24.000
0057	615E20001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN (WT: 10)	SY	364.000
0058	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	510.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section	0007	RETAINING WALLS (RWFN1003444)		
0059	507E00400	STEEL PILES, MISC.: W18X60, FURNISHED (WT: 28)	FT	1,230.000
0060	524E94603	DRILLED SHAFTS, 30" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	875.000
0061	524E94605	DRILLED SHAFTS, 30" DIAMETER INTO BEDROCK, AS PER PLAN (WT: 28)	FT	264.000
0062	524E95000	DRILLED SHAFTS, MISC.: PLUG PILE, 30" DIAMETER, UNREINFORCED (WT: 28)	FT	336.000

0063	524E95000	DRILLED SHAFTS, MISC.: PLUG PILE, 42" DIAMETER, UNREINFORCED (WT: 28)	FT	8.000
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Total 0007	RETAINING WALLS (RWFN1003444)
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Section 0008	INCIDENTALS
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0064	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0065	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0066	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	3.000
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0067	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
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0068	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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Total 0008	INCIDENTALS
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Project Number: 200505

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	209E60200	LINEAR GRADING (WT: 06)	STA	6.600
0008	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	7.700
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	606E98000	GUARDRAIL, MISC.: ALTERNATE GUARDRAIL PLACEMENT (WT: 36)	FT	50.000

0012	623E38501	MONUMENT ASSEMBLY, AS PER PLAN (WT: NR)	EACH	3.000
Total 0001		ROADWAY (PART 1)		
Section 0002	EROSION CONTROL (PART 1)			
0013	659E00300	TOPSOIL (WT: 46)	CY	33.000
0014	659E10000	SEEDING AND MULCHING (WT: 46)	SY	275.000
0015	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	14.000
0016	659E15000	INTER-SEEDING (WT: 46)	SY	14.000
0017	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.040
0018	659E31000	LIME (WT: 46)	ACRE	0.060
0019	659E35000	WATER (WT: 46)	MGAL	2.000
0020	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0002		EROSION CONTROL (PART 1)		
Section 0003	PAVEMENT (PART 1)			
0021	251E01041	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, TYPE A (WT: 16)	SY	10,920.000
0022	251E01041	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, TYPE B (WT: 16)	SY	217.000
0023	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE 1.75" (WT: 13)	SY	90,396.000
0024	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	10,992.000
0025	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	3,206.000
0026	441E10200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446) (WT: 10)	CY	2,887.000
0027	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	225.000
0028	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	383.000
0029	617E25000	WATER (WT: NR)	MGAL	3.000
0030	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	5.960
0031	874E20000	LONGITUDINAL JOINT PREPARATION (WT: 10)	FT	29,659.000
Total 0003		PAVEMENT (PART 1)		
Section 0004	TRAFFIC CONTROL (PART 1)			
0032	621E00100	RPM (WT: 41)	EACH	377.000
0033	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	377.000

0034	626E00110	BARRIER REFLECTOR, TYPE 2 (BI-DIRECTIONAL) (WT: NR)	EACH	4.000
0035	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0036	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	3.000
0037	644E00104	EDGE LINE, 6" (WT: 45)	MILE	11.720
0038	644E00300	CENTER LINE (WT: 45)	MILE	5.980
0039	644E00500	STOP LINE (WT: 45)	FT	81.000
0040	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.080
0041	646E10200	CENTER LINE (WT: 45)	MILE	0.040
Total 0004		TRAFFIC CONTROL (PART 1)		
Section 0005	STRUCTURE REPAIR (UNI-4-2578) (PART 1)			
0042	255E20001	FULL DEPTH PAVEMENT SAWING, AS PER PLAN (WT: 15)	FT	44.000
0043	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	2.000
0044	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22, 1.25" (WT: 10)	CY	0.400
0045	441E10200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446), 1.75" (WT: 10)	CY	0.600
0046	516E31200	SPECIAL - SAWING AND SEALING BITUMINOUS CONCRETE JOINTS (WT: 29)	FT	52.000
0047	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	23.000
0048	848E50001	HAND CHIPPING, AS PER PLAN (WT: 29)	SY	10.000
Total 0005		STRUCTURE REPAIR (UNI-4-2578) (PART 1)		
Section 0006	STRUCTURE REPAIR (MAR-4-0179) (PART 1)			
0049	516E31200	SPECIAL - SAWING AND SEALING BITUMINOUS CONCRETE JOINTS (WT: 29)	FT	26.000
0050	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)			
0051	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	60.000
0052	614E12461	WORK ZONE MARKING SIGN, AS PER PLAN (WT: 39)	EACH	34.000
0053	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	11.340
0054	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	120.000
0055	616E10000	WATER (WT: NR)	MGAL	3.000

Total 0007		MAINTENANCE OF TRAFFIC (PART 1)		
Section 0008		EROSION CONTROL (PART 2)		
0056	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0008		EROSION CONTROL (PART 2)		
Section 0009		PAVEMENT (PART 2)		
0057	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	759.000
0058	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)		
0059	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.410
0060	644E00500	STOP LINE (WT: 45)	FT	36.000
Total 0010		TRAFFIC CONTROL (PART 2)		
Section 0011		MAINTENANCE OF TRAFFIC (PART 2)		
0061	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	4.000
0062	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)		
0063	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0064	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0065	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0066	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0067	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0012		INCIDENTALS (PART 1 AND PART 2)		

Project Number: 200506
PID: 95998
Williams
US 20A-00.00 Resurf/Bridge Rehab.
E150(458)

DBE Goal: 8.0%

Date Set for Completion: 10/1/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING WIL-20A-0.00 IN WILLIAMS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING 1.1 MILES OF PAVEMENT AND RECONSTRUCTING BRIDGE WIL-20A-0020 BY REPLACING THE DECK EDGES, CONVERTING THE ABUTMENTS TO SEMI-INTEGRAL, OVERLAYING THE DECK, PAINTING STRUCTURAL STEEL AND PERFORMING OTHER RELATED 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	202E23000	PAVEMENT REMOVED (WT: NR)	SY	312.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,125.000
0004	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	3.000
0005	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	3.000
0006	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	4.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	1,000.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	312.000
0009	209E60500	LINEAR GRADING (WT: 06)	MILE	2.070
0010	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	2.100
0011	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	1,062.500
0012	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	3.000
0013	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	3.000
0014	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
Total	0001	ROADWAY		

Section	0002	EROSION CONTROL		
0015	601E20010	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	CY	250.000
0016	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL		
Section	0003	PAVEMENT		
0017	253E02000	PAVEMENT REPAIR (WT: 16)	CY	277.000
0018	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 3 1/4" (WT: 13)	SY	16,480.000
0019	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	70.000
0020	304E20000	AGGREGATE BASE (WT: 09)	CY	52.000
0021	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	2,350.000
0022	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG 76-22M (WT: 10)	CY	744.000
0023	442E10101	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN, PG 76-22M (WT: 10)	CY	871.000
0024	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	204.000
0025	618E41000	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	MILE	2.070
0026	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	1.010
0027	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	5,284.000
Total	0003	PAVEMENT		
Section	0004	TRAFFIC CONTROL		
0028	621E00100	RPM (WT: 41)	EACH	96.000
0029	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	92.000
0030	626E00116	BARRIER REFLECTOR, TYPE 5, BIDIRECTIONAL (WT: NR)	EACH	25.000
0031	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	96.000
0032	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	7.000
0033	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	9.000
0034	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	8.000
0035	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	2.180
0036	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	2.140

Total 0004		TRAFFIC CONTROL		
Section 0005	MAINTENANCE OF TRAFFIC			
0037	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	12.000
0038	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	5.000
0039	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	5.000
0040	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	3.000
Total 0005		MAINTENANCE OF TRAFFIC		
Section 0006	STRUCTURE REPAIR (WIL-20A-0020)			
0041	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0042	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	134.000
0043	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 29)	LS	1.000
0044	503E21101	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 29)	CY	332.000
0045	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	14,245.000
0046	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	200.000
0047	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	256.000
0048	511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 29)	EACH	2.000
0049	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	116.000
0050	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 29)	CY	33.000
0051	511E60000	SPECIAL - BRIDGE DECK GROOVING (WT: NR)	SY	880.000
0052	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	195.000
0053	512E73501	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN, AS PER PLAN (WT: 57)	SY	1,160.000
0054	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	12,000.000
0055	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	12,000.000
0056	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	12,000.000
0057	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	12,000.000

0058	514E00504	GRINDING FINES, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	80.000
0059	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	11.000
0060	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	40.000
0061	516E14021	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL, AS PER PLAN (WT: 29)	FT	125.000
0062	516E31000	JOINT SEALER, 705.04 (WT: NR)	FT	53.000
0063	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, (8.5" x 12" x 2.3125" WITH 10.5" x 15" x 1.5" LOAD PLATE) (WT: 29)	EACH	12.000
0064	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0065	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	383.130
0066	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 29)	CY	71.000
0067	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 29)	FT	456.000
0068	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	140.000
0069	518E40012	6" NON-PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	45.000
0070	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	10.000
0071	526E25000	REINFORCED CONCRETE APPROACH SLABS (T=15") (WT: 29)	SY	249.000
0072	526E90010	TYPE A INSTALLATION (WT: 29)	FT	97.000
0073	601E20000	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	SY	6.000
0074	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	184.000
0075	848E10201	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN, 1.75" (WT: 29)	SY	925.000
0076	848E20000	SURFACE PREPARATION USING HYDRODEMOLITION (WT: 30)	SY	925.000
0077	848E30201	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY, AS PER PLAN (WT: 29)	CY	15.000
0078	848E50000	HAND CHIPPING (WT: 29)	SY	50.000
0079	848E50100	TEST SLAB (WT: 29)	LS	1.000
0080	848E50301	WEARING COURSE REMOVED, ASPHALT, AS PER PLAN (WT: NR)	SY	1,059.000

Total 0006 STRUCTURE REPAIR (WIL-20A-0020)

Section 0007		INCIDENTALS		
0081	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0082	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0083	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0084	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		

Project Number: 200507

PID: 110796

D03

CRA, ERI, HUR

TSG FY2021

Date Set for Completion: 7/1/2021

Type: SIGNALIZATION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN ASHLAND, CRAWFORD, ERIE, HURON, LORAIN, MEDINA, RICHLAND, AND WAYNE COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY SIGNALIZATION REPLACEMENTS AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	EROSION CONTROL		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0001	EROSION CONTROL		
Section	0002	TRAFFIC SIGNALS		
0002	625E14500	LIGHT POLE FOUNDATION (WT: 43)	EACH	2.000
0003	625E31510	PULL BOX REMOVED (WT: 43)	EACH	6.000
0004	625E32000	GROUND ROD (WT: 43)	EACH	2.000
0005	625E75500	LIGHT POLE FOUNDATION REMOVED (WT: NR)	EACH	2.000
0006	625E75510	POWER SERVICE REMOVED (WT: NR)	EACH	1.000
0007	630E03101	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN (WT: 42)	FT	50.000
0008	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	103.000
0009	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	12.000
0010	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
0011	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0012	630E86272	REMOVAL OF GROUND MOUNTED PIPE SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0013	631E92001	SIGN FLASHER ASSEMBLY, AS PER PLAN (WT: 43)	EACH	10.000

0014	631E93001	SCHOOL SPEED LIMIT SIGN ASSEMBLY, 24" X 48", AS PER PLAN (WT: 43)	EACH	11.000
0015	631E93241	SCHOOL SPEED LIMIT SIGN ASSEMBLY, SOLAR-POWERED, AS PER PLAN (WT: 43)	EACH	3.000
0016	631E94490	REMOVAL, MISC.: SCHOOL SPEED LIMIT SIGN ASSEMBLY (WT: NR)	EACH	14.000
0017	631E94490	REMOVAL, MISC.: SIGN FLASHER ASSEMBLY (WT: NR)	EACH	10.000
0018	632E30201	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES, AS PER PLAN (WT: 44)	FT	140.000
0019	632E40301	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG, AS PER PLAN (WT: 44)	FT	240.000
0020	632E40501	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG, AS PER PLAN (WT: 44)	FT	180.000
0021	632E90008	PEDESTAL, 15', TRANSFORMER BASE (WT: 44)	EACH	3.000
0022	632E90030	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM (SIGNAL CABLE) (WT: 44)	FT	2,050.000
0023	633E67500	UNINTERRUPTIBLE POWER SUPPLY (UPS), BATTERY REPLACEMENT (WT: 44)	EACH	28.000
Total 0002		TRAFFIC SIGNALS		
Section	0003	INCIDENTALS		
0024	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0025	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0026	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0027	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0003		INCIDENTALS		

Project Number: 200508

PID: 100331

D11

CAR, COL, HAS

PM-FY2021(A)

Date Set for Completion: 11/15/2021

Type: PAVEMENT MARKING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN BELMONT, CARROLL, COLUMBIANA, HARRISON, HOLMES, JEFFERSON, AND TUSCARAWAS COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING PAVEMENT MARKINGS AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	EROSION CONTROL		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0001	EROSION CONTROL		
Section	0002	TRAFFIC CONTROL		
0002	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	68,073.000
0003	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	153,360.000
0004	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	19,017.000
0005	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	5,290.000
0006	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	38,958.000
0007	642E00720	CHEVRON MARKING, TYPE 1 (WT: 45)	FT	2,906.000
0008	642E00800	CURB MARKING, TYPE 1 (WT: 45)	FT	23,068.000
0009	642E00900	ISLAND MARKING, TYPE 1 (WT: 45)	SF	5,765.000
0010	642E01000	RAILROAD SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	77.000
0011	642E01110	SCHOOL SYMBOL MARKING, 96", TYPE 1 (WT: 45)	EACH	65.000
0012	642E01124	SCHOOL SYMBOL MARKING, 120", TYPE 1 (WT: 45)	EACH	6.000
0013	642E01200	PARKING LOT STALL MARKING, TYPE 1 (WT: 45)	FT	32,098.000
0014	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	1,470.000

0015	642E01312	LANE REDUCTION ARROW, TYPE 1 (WT: 45)	EACH	8.000
0016	642E01322	WRONG WAY ARROW, TYPE 1 (WT: 45)	EACH	141.000
0017	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	88,218.000
0018	642E01702	HANDICAP SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	48.000
0019	642E20000	TWO-WAY RADIO EQUIPMENT (WT: NR)	LS	1.000
0020	642E20802	YIELD LINE, TYPE 1 (WT: 45)	FT	96.000
0021	642E30001	REMOVAL OF PAVEMENT MARKING, AS PER PLAN (WT: 45)	FT	300.000
Total 0002		TRAFFIC CONTROL		
Section 0003	MAINTENANCE OF TRAFFIC			
0022	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
Total 0003		MAINTENANCE OF TRAFFIC		
Section 0004	INCIDENTALS			
0023	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0024	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0025	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0004		INCIDENTALS		

Project Number: 200509
PID: 106541
Pickaway
AW Marion State Park FY21

EDGE Goal: 5.0%
Date Set for Completion: 6/15/2021
Type: PARKING AREAS

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN WASHINGTON TOWNSHIP, PICKAWAY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING DRIVES, PARKING LOTS, AND CAMPSITES WITHIN A.W. MARION STATE PARK AND RELATED WORK

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E26520	STUMP REMOVED, 48" (WT: NR)	EACH	4.000
0002	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	1,660.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	73.000
0004	202E53000	SPECIAL - PARKING BLOCK REMOVED AND REPLACED (WT: NR)	EACH	58.000
0005	202E53020	SPECIAL - PARKING BLOCK REMOVED FOR STORAGE (WT: NR)	EACH	86.000
0006	203E10000	EXCAVATION (WT: 06)	CY	295.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	130.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,747.000
0009	608E10000	4" CONCRETE WALK (WT: 38)	SF	55.000
0010	608E52000	CURB RAMP (WT: 38)	SF	18.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0011	659E00300	TOPSOIL (WT: 46)	CY	89.000
0012	659E10000	SEEDING AND MULCHING (WT: 46)	SY	800.000
0013	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	40.000
0014	659E15000	INTER-SEEDING (WT: 46)	SY	40.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.110
0016	659E31000	LIME (WT: 46)	ACRE	0.170

0017	659E35000	WATER (WT: 46)	MGAL	1.000
0018	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0002		EROSION CONTROL		
Section 0003	PAVEMENT			
0019	251E01041	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN (WT: 16)	SY	286.000
0020	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	13,128.000
0021	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	216.000
0022	304E20000	AGGREGATE BASE (WT: 09)	CY	313.000
0023	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	1,269.000
0024	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	129.000
0025	422E11000	AGGREGATE, SINGLE CHIP SEAL, TYPE A (WT: 11)	SY	1,291.000
0026	422E25000	EMULSION, CHIP SEAL (WT: 11)	GAL	518.000
0027	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	674.000
Total 0003		PAVEMENT		
Section 0004	TRAFFIC CONTROL			
0028	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	10.000
0029	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	20.000
0030	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	4.000
0031	644E00300	CENTER LINE (WT: 45)	MILE	0.010
0032	644E00500	STOP LINE (WT: 45)	FT	24.000
0033	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	333.000
0034	644E01200	PARKING LOT STALL MARKING (WT: 45)	FT	2,669.000
0035	644E01300	LANE ARROW (WT: 45)	EACH	5.000
0036	644E01600	HANDICAP SYMBOL MARKING (WT: 45)	EACH	5.000
Total 0004		TRAFFIC CONTROL		
Section 0005	INCIDENTALS			
0037	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0038	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0039	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0040	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0005 INCIDENTALS

Project Number: 204021
PID: 110676
Portage
/ TRU-SR 305/SR 534-05.65/VAR
E190(997)

SBE Set-Aside

Date Set for Completion: 9/1/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN NELSON & SOUTHTON TOWNSHIPS, OF PORTAGE & TRUMBULL COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLANING AND RESURFACING SPECIFIED SECTIONS OF STATE ROUTES 305 AND 534, INCLUDING ALL RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section 0001	ROADWAY			
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	60.000
0002	203E10000	EXCAVATION (WT: 06)	CY	34.000
0003	209E60200	LINEAR GRADING (WT: 06)	STA	403.000
0004	209E72000	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	STA	566.000
0005	623E39501	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN (WT: NR)	EACH	1.000
Total 0001	ROADWAY			
Section 0002	EROSION CONTROL			
0006	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	22,390.000
0007	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	3.020
0008	659E31000	LIME (WT: 46)	ACRE	4.620
0009	659E35000	WATER (WT: 46)	MGAL	121.000
0010	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0002	EROSION CONTROL			
Section 0003	PAVEMENT			
0011	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	5,500.000
0012	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	1,200.000
0013	253E01000	PAVEMENT REPAIR (WT: 16)	SY	200.000

0014	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T = 2") (WT: 13)	SY	33,106.000
0015	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	34.000
0016	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	8,194.000
0017	408E10001	PRIME COAT, AS PER PLAN @ 0.4 GAL/SY (WT: 10)	GAL	5,023.000
0018	424E12001	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN (T = 1") (WT: 10)	CY	2,301.000
0019	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (T = 1") (WT: 10)	CY	920.000
0020	617E10101	COMPACTED AGGREGATE, AS PER PLAN (T = 2") (WT: 06)	CY	698.000
0021	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (T = 1") (WT: 13)	SY	48,612.000
Total 0003		PAVEMENT		
Section 0004		WATER WORK		
0022	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000
Total 0004		WATER WORK		
Section 0005		TRAFFIC CONTROL		
0023	621E00100	RPM (WT: 41)	EACH	394.000
0024	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	291.000
0025	646E10010	EDGE LINE, 6" (WT: 45)	MILE	10.700
0026	646E10200	CENTER LINE (WT: 45)	MILE	5.350
0027	646E10400	STOP LINE (WT: 45)	FT	34.000
0028	646E20110	SCHOOL SYMBOL MARKING, 96" (WT: 45)	EACH	2.000
Total 0005		TRAFFIC CONTROL		
Section 0006		TRAFFIC SIGNALS		
0029	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	2.000
Total 0006		TRAFFIC SIGNALS		
Section 0007		MAINTENANCE OF TRAFFIC		
0030	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	12.000
0031	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	24.000
0032	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	20.000
0033	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000

0034	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	5.350
0035	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	5.350
0036	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	5.350
0037	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	34.000
0038	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	34.000

Total 0007 MAINTENANCE OF TRAFFIC

Section	0008	INCIDENTALS		
0039	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0040	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0041	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0042	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0043	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0008 INCIDENTALS

Project Number: 204022

PID: 107730

Putnam

SR 613-08.98

E190(673)

SBE Set-Aside

Date Set for Completion: 10/1/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING SR 613 IN PALMER TOWNSHIP, OF PUTNAM COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING AN EXISTING CULVERT 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	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	27.000
0003	203E10000	EXCAVATION (WT: 06)	CY	404.000
0004	203E20000	EMBANKMENT (WT: 06)	CY	393.000
0005	204E10000	SUBGRADE COMPACTION (WT: 09)	SY	375.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0006	601E11000	RIPRAP, TYPE D (WT: 35)	SY	11.000
0007	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	35.000
0008	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,439.000
0009	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.330
0010	659E35000	WATER (WT: 46)	MGAL	7.000
0011	832E30000	EROSION CONTROL (WT: 08)	EACH	2,500.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0012	202E11000	STRUCTURE REMOVED (WT: 19)	LS	1.000
0013	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0014	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	4,376.000

0015	511E46011	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN (WT: 35)	CY	15.000
0016	511E46511	CLASS QC1 CONCRETE, FOOTING, AS PER PLAN (WT: 35)	CY	32.000
0017	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	30.000
0018	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	204.000
0019	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	34.000
0020	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	18.000
0021	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.600
0022	611E03300	10" CONDUIT, TYPE C (WT: 35)	FT	27.000
0023	611E13600	30" CONDUIT, TYPE C (WT: 35)	FT	101.000
0024	611E94730	7' X 6' CONDUIT, TYPE A, 706.05, Design Earth Cover = 2' (WT: 35)	FT	74.000
0025	611E98540	CATCH BASIN, NO. 2-4 with SIDE INLETS (WT: 35)	EACH	1.000
0026	613E41300	LOW STRENGTH MORTAR BACKFILL (TYPE 2) (WT: NR)	CY	96.000
Total 0003		DRAINAGE		
Section 0004		PAVEMENT		
0027	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	69.000
0028	304E20000	AGGREGATE BASE (WT: 09)	CY	142.000
0029	407E10000	TACK COAT (WT: 10)	GAL	57.000
0030	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	29.000
Total 0004		PAVEMENT		
Section 0005		TRAFFIC CONTROL		
0031	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1.000
0032	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	45.000
0033	630E08520	STREET NAME SIGN SUPPORT, NO. 3 POST (WT: 42)	FT	14.000
0034	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	3.000
0035	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	17.000
0036	630E80600	SIGN, DOUBLE FACED, MILE MARKER (WT: 42)	EACH	1.000

0037	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	3.000
0038	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
0039	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
0040	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.130
0041	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.070
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0042	253E02000	PAVEMENT REPAIR (WT: 16)	CY	20.000
0043	407E10000	TACK COAT (WT: 10)	GAL	20.000
0044	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	10.000
0045	616E10000	WATER (WT: NR)	MGAL	2.600
0046	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	50.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	INCIDENTALS		
0047	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0048	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0049	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	3.000
0050	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0051	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0007	INCIDENTALS		

Project Number: 207043

PID: 110251

Columbiana

CR 427A 0.09

Date Set for Completion: 5/31/2021

Type: SLIDE REPAIR

Plan Cost: \$0.00

FOR IMPROVING A SECTION OF LIVERPOOL TOWNSHIP, OF COLUMBIANA COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING A DRILLED SHAFT WALL ALONG 175 FT OF CR-427A FOR STABILIZATION, AS WELL AS OTHER INCIDENTAL WORK. THE PROJECT ALSO INCLUDES STORM UTILITY REPLACEMENT, RESURFACING, AND CLEARING & GRUBBING.

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	99.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	4.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	32.000
0005	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	1.000
0006	203E10000	EXCAVATION (WT: 06)	CY	5,100.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	584.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	452.000
0009	607E15000	FENCE, TYPE 47 (WT: 37)	FT	260.000
Total 0001	ROADWAY			
Section 0002	EROSION CONTROL			
0010	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	7.000
0011	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0012	659E00300	TOPSOIL (WT: 46)	CY	560.000
0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	5,044.000
0014	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	253.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.680
0016	659E31000	LIME (WT: 46)	ACRE	1.040
0017	659E35000	WATER (WT: 46)	MGAL	30.000

0018	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0019	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	157.000
0020	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	10.000
0021	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	8.000
0022	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	41.000
0023	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	1.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0024	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	69.000
0025	304E20000	AGGREGATE BASE (WT: 09)	CY	76.000
0026	407E10000	TACK COAT (WT: 10)	GAL	44.000
0027	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, (PG70-22M) (WT: 10)	CY	14.000
0028	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	20.000
0029	609E26000	CURB, TYPE 6 (WT: 38)	FT	169.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0030	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.040
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0031	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	10.000
0032	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000
0033	616E10000	WATER (WT: NR)	MGAL	60.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	RETAINING WALLS (COL-CR 427A-0.09)		
0034	507E00400	STEEL PILES, MISC.: W21x73 STEEL BEAMS, FURNISHED (WT: 28)	FT	1,990.000
0035	524E94603	DRILLED SHAFTS, 30" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	1,223.000
0036	524E94605	DRILLED SHAFTS, 30" DIAMETER INTO BEDROCK, AS PER PLAN (WT: 28)	FT	590.000

0037	524E95000	DRILLED SHAFTS, MISC.:PLUG PILE, 30" DIAMETER, UNREINFORCED (WT: 28)	FT	855.000
0038	524E95000	DRILLED SHAFTS, MISC.:PLUG PILE, 36" DIAMETER, UNREINFORCED (WT: 28)	FT	15.000

Total 0007 RETAINING WALLS (COL-CR 427A-0.09)

Section 0008	INCIDENTALS			
0039	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0040	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0041	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0042	624E10000	MOBILIZATION (WT: NR)	LS	1.000

Total 0008 INCIDENTALS

Office of Contracts

Change of Address Form

Please complete this form and return it to:

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

Old Address (For prompt service attach old label here)

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

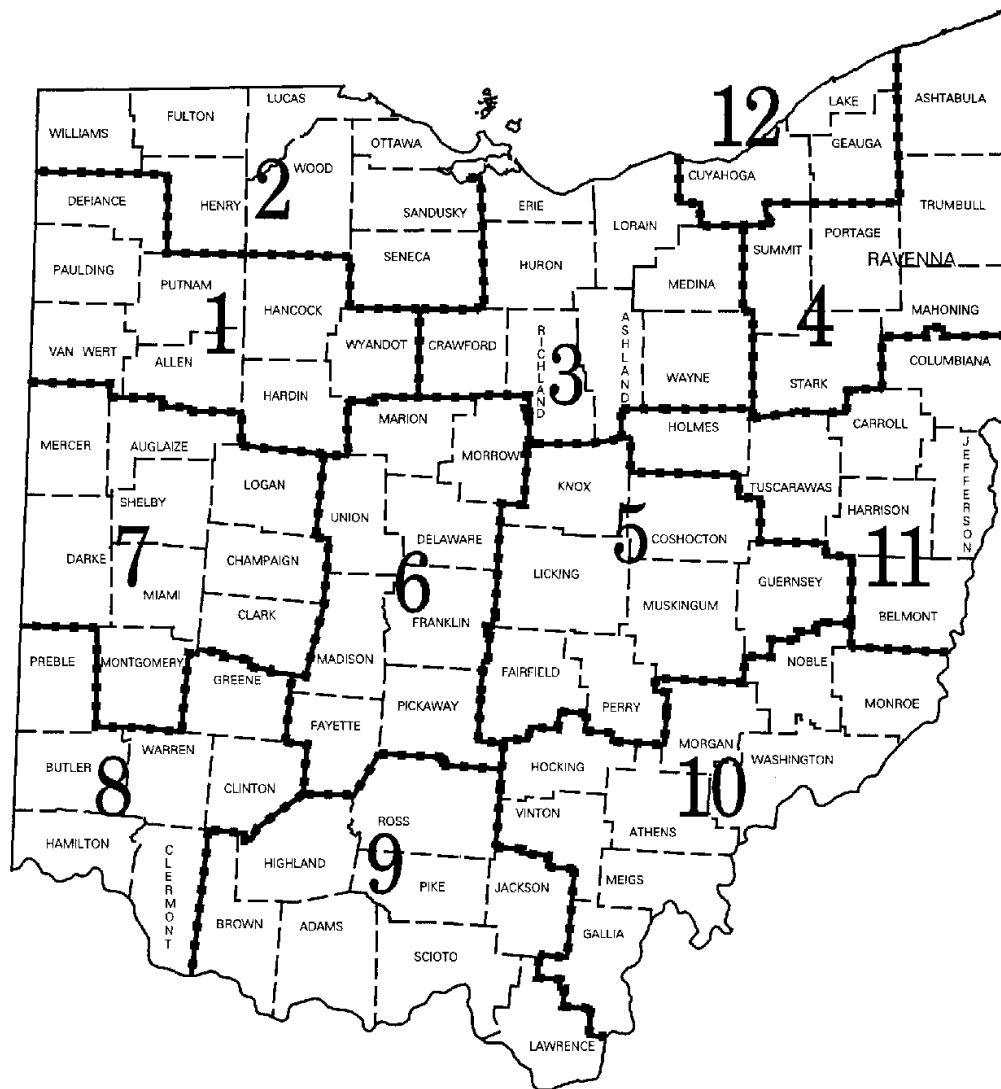
New Address (Print or Type PLEASE)

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

(Signature - Name and Title)

(Date)

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



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

Central Office

Office of Contracts, 1980 W. Broad Street, Mail Stop 4110, Columbus, Ohio 43223
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