

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION  
COLUMBUS, OHIO

**PROPOSED HIGHWAY  
IMPROVEMENTS FOR CONTRACT  
LETTING**

November 5, 2020

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See Back Cover for District Information

An Equal Opportunity Employer

Thursday, November 5, 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: 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.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0002	202E23010	PAVEMENT REMOVED, ASPHALT (WT: NR)	SY	185.000
0003	203E10000	EXCAVATION (WT: 06)	CY	756.000
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
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
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
0100	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0101	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0102	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		

<b>Section 0003</b>		<b>DRAINAGE</b>		
0011	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	16.000
0012	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section 0004</b>		<b>PAVEMENT</b>		
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
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section 0005</b>		<b>TRAFFIC CONTROL</b>		
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
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		
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**

<b>Section 0007</b>	<b>STRUCTURE REPAIR (CUY-10-0869 SFN 1801325 - LOCATION 1)</b>			
0039	202E70110	SPECIAL - PIPE CLEANOUT, 24" AND UNDER (WT: NR)	FT	872.000
0040	601E26000	DUMPED ROCK FILL, TYPE B (WT: 35)	CY	85.000
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
0103	601E26001	DUMPED ROCK FILL, TYPE B, AS PER PLAN (WT: 35)	CY	224.000

**Total 0007 STRUCTURE REPAIR (CUY-10-0869 SFN 1801325 -  
LOCATION 1)**

<b>Section 0008</b>	<b>STRUCTURE REPAIR ( CUY-90-0758 SFN 1808567 - LOCATION 2)</b>			
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	601E20011	CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN (WT: 35)	CY	1,211.000
0048	601E28000	DUMPED ROCK FILL, TYPE D (WT: 35)	CY	192.000
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	471.000
0064	601E20011	CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN (WT: 35)	CY	4,029.000
0065	601E32000	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER (WT: 35)	CY	1,481.000
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	142.000
0080	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,275.000

0081	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	64.000
0082	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.170
0083	659E31000	LIME (WT: 46)	ACRE	0.260
0084	659E35000	WATER (WT: 46)	MGAL	7.000
0085	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	475.000
0104	203E10000	EXCAVATION (WT: 06)	CY	148.000
0105	601E32001	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER, AS PER PLAN (WT: 35)	CY	601.000
0106	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	223.000

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

<b>Section 0010</b>	<b>INCIDENTALS</b>			
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
<b>Total 0010</b>	<b>INCIDENTALS</b>			



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

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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 SIGNAGE FOR SAFETY, APPLYING PAVEMENT MARKINGS, AND PERFORMING ALL RELATED WORK.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY (PART 1)</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
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)	HOUR	12.000
0029	204E51000	GEOGRID (WT: 06)	SY	4,600.000
0030	206E10500	CEMENT (WT: NR)	TON	1,310.000
0032	206E15010	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP (WT: 07)	SY	50,626.000
0033	206E20000	TEST ROLLING (WT: NR)	HOUR	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)**

<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL (PART 1)</b>		
0042	601E23000	ARTICULATING CONCRETE BLOCK REVTMENT 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)**

<b>Section</b>	<b>0003</b>	<b>DRAINAGE (PART 1)</b>		
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)**

<b>Section</b>	<b>0004</b>	<b>PAVEMENT (PART 1)</b>		
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)**

<b>Section</b>	<b>0006</b>	<b>TRAFFIC SIGNALS (PART 1)</b>		
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)	HOUR	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)**

<b>Section</b>	<b>0010</b>	<b>ROADWAY (PART 2)</b>		
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)**

<b>Section</b>	<b>0011</b>	<b>EROSION CONTROL (PART 2)</b>		
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
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<b>Total 0011</b>	<b>EROSION CONTROL (PART 2)</b>
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<b>Section 0012</b>	<b>DRAINAGE (PART 2)</b>
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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

<b>Total 0012</b>	<b>DRAINAGE (PART 2)</b>
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<b>Section 0013</b>	<b>PAVEMENT (PART 2)</b>
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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	950.000
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
0500	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	91.000

**Total 0013      PAVEMENT (PART 2)**

<b>Section 0014</b>	<b>TRAFFIC CONTROL (PART 2)</b>			
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
<b>Total 0014</b>		<b>TRAFFIC CONTROL (PART 2)</b>		
<b>Section</b>	<b>0015</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (GEA-87-19.75) (PART 2)</b>		
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
<b>Total 0015</b>		<b>STRUCTURE 20 FOOT SPAN AND UNDER (GEA-87-19.75) (PART 2)</b>		
<b>Section</b>	<b>0016</b>	<b>MAINTENANCE OF TRAFFIC (PART 2)</b>		
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)**

<b>Section 0017</b>	<b>ROADWAY (PART 3)</b>			
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)**

<b>Section</b>	<b>0018</b>	<b>EROSION CONTROL (PART 3)</b>		
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)**

<b>Section 0019</b>	<b>DRAINAGE (PART 3)</b>			
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	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), PG 64-22 (WT: 10)	CY	251.000
0417	441E50201	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (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)**

<b>Section</b>	<b>0024</b>	<b>MAINTENANCE OF TRAFFIC (PART 3)</b>		
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
<b>Total 0024 MAINTENANCE OF TRAFFIC (PART 3)</b>				
<b>Section</b>	<b>0025</b>	<b>INCIDENTALS (PART 1, 2, 3)</b>		
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
<b>Total 0025 INCIDENTALS (PART 1, 2, 3)</b>				

**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.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY (PART 1)</b>		
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	3.000
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
0100	209E60500	LINEAR GRADING (WT: 06)	MILE	3.600
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	89,622.000
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	3,153.000
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	236.000
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
0101	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE 1.25" (WT: 13)	SY	774.000
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)	HOURL	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
<b>Total 0007 MAINTENANCE OF TRAFFIC (PART 1)</b>				
<b>Section 0008 EROSION CONTROL (PART 2)</b>				
0056	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total 0008 EROSION CONTROL (PART 2)</b>				
<b>Section 0009 PAVEMENT (PART 2)</b>				
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
<b>Total 0009 PAVEMENT (PART 2)</b>				
<b>Section 0010 TRAFFIC CONTROL (PART 2)</b>				
0059	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.410
0060	644E00500	STOP LINE (WT: 45)	FT	36.000
<b>Total 0010 TRAFFIC CONTROL (PART 2)</b>				
<b>Section 0011 MAINTENANCE OF TRAFFIC (PART 2)</b>				
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
<b>Total 0011 MAINTENANCE OF TRAFFIC (PART 2)</b>				
<b>Section 0012 INCIDENTALS (PART 1 AND PART 2)</b>				
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
<b>Total 0012 INCIDENTALS (PART 1 AND PART 2)</b>				



**Project Number: 200510**

**PID: 102441**

**Adams**

SR 32-23.22

E190(827)

DBE Goal: 7.0%

Date Set for Completion: 8/31/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN FRANKLIN TOWNSHIP, ADAMS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING A CULVERT AND RELATED WORK**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section 0001</b>	<b>ROADWAY</b>			
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E20010	HEADWALL REMOVED (WT: NR)	EACH	2.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	800.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	15.000
0005	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	210.000
0006	202E58101	CATCH BASIN REMOVED, AS PER PLAN (WT: NR)	EACH	1.000
0007	203E10000	EXCAVATION (WT: 06)	CY	255.000
0008	203E20000	EMBANKMENT (WT: 06)	CY	49.000
0009	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	867.000
<b>Total 0001</b>	<b>ROADWAY</b>			
<b>Section 0002</b>	<b>EROSION CONTROL</b>			
0010	601E32010	ROCK CHANNEL PROTECTION, TYPE A WITH AGGREGATE FILTER (WT: 35)	CY	34.000
0011	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,834.000
0012	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	92.000
0013	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.250
0014	659E31000	LIME (WT: 46)	ACRE	0.380
0015	659E35000	WATER (WT: 46)	MGAL	10.000
0016	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	125.000
0017	832E30000	EROSION CONTROL (WT: 08)	EACH	15,000.000

Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0018	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0019	602E20000	CONCRETE MASONRY (WT: 35)	CY	6.300
0020	611E06101	15" CONDUIT, TYPE C, AS PER PLAN (WT: 35)	FT	15.000
0021	611E53700	72" X 113" CONDUIT, TYPE A, 706.04 (WT: 35)	FT	208.000
0022	611E98230	CATCH BASIN, NO. 4 (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0023	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	204.000
0024	304E20000	AGGREGATE BASE (WT: 09)	CY	142.000
0025	407E10000	TACK COAT (WT: 10)	GAL	303.000
0026	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	67.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0027	621E00100	RPM (WT: 41)	EACH	6.000
0028	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	6.000
0029	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	1.240
0030	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.580
Total 0005		TRAFFIC CONTROL		
Section 0006	MAINTENANCE OF TRAFFIC			
0031	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1" DEEP) (WT: 13)	SY	1,580.000
0032	407E10000	TACK COAT (WT: 10)	GAL	135.000
0033	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	16.000
0034	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	1,270.000
0035	614E12336	WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL) (WT: 39)	EACH	4.000
0036	614E13310	BARRIER REFLECTOR, TYPE 1 (UNIDIRECTIONAL) (WT: NR)	EACH	37.000
0037	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	41.000
0038	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	3.180
0039	614E24402	WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	FT	3,125.000

0040	616E10000	WATER (WT: NR)	MGAL	10.000
0041	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	7,110.000
0042	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	1,150.000
0043	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	440.000

**Total 0006      MAINTENANCE OF TRAFFIC**

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<b>Section</b>	<b>0007</b>	<b>INCIDENTALS</b>		
0044	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0045	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0046	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	3.000
0047	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0048	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0007      INCIDENTALS**

**Project Number: 200511**

**PID: 100670**

**Belmont**

SR 7-08.14 and Various

E170(287)

DBE Goal: 5.0%

Date Set for Completion: 10/31/2021

Type: LIGHTING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN BELMONT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING HIGHWAY LIGHTING AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0002	659E00300	TOPSOIL (WT: 46)	CY	361.000
0003	659E10000	SEEDING AND MULCHING (WT: 46)	SY	3,250.000
0004	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	163.000
0005	659E15000	INTER-SEEDING (WT: 46)	SY	163.000
0006	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.730
0007	659E31000	LIME (WT: 46)	ACRE	0.670
0008	659E35000	WATER (WT: 46)	MGAL	18.000
0009	832E30000	EROSION CONTROL (WT: 08)	EACH	19,794.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0010	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	225.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>LIGHTING</b>		
0011	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	126.000
0012	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	159.000
0013	625E10490	LIGHT POLE, CONVENTIONAL, A6B40 (WT: 43)	EACH	1.000

0014	625E10490	LIGHT POLE, CONVENTIONAL, AT6B30 (WT: 43)	EACH	22.000
0015	625E10490	LIGHT POLE, CONVENTIONAL, AT6B40 (WT: 43)	EACH	36.000
0016	625E14000	LIGHT POLE FOUNDATION, 24" X 6' DEEP (WT: 43)	EACH	20.000
0017	625E14100	LIGHT POLE FOUNDATION, 24" X 8' DEEP (WT: 43)	EACH	24.000
0018	625E14101	LIGHT POLE FOUNDATION, 24" X 8' DEEP, AS PER PLAN (WT: 43)	EACH	3.000
0019	625E14200	LIGHT POLE FOUNDATION, 24" X 10' DEEP (WT: 43)	EACH	9.000
0020	625E23200	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	19,869.000
0021	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	5,356.000
0022	625E24320	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES (WT: 43)	FT	20,620.000
0023	625E25401	CONDUIT, 2", 725.04, AS PER PLAN (WT: 43)	FT	301.000
0024	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	184.000
0025	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 3" (WT: 43)	FT	3,279.000
0026	625E25910	CONDUIT CLEANED AND CABLES REMOVED (WT: 43)	FT	2,598.000
0027	625E25920	CONDUIT, MISC.: REMOVAL OF BRIDGE MOUNTED CONDUIT (WT: 43)	FT	301.000
0028	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, TYPE A, 480V (WT: 43)	EACH	14.000
0029	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, TYPE B, 480V (WT: 43)	EACH	22.000
0030	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, TYPE C, 480V (WT: 43)	EACH	12.000
0031	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, TYPE D, 480V (WT: 43)	EACH	15.000
0032	625E27503	LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN, 480V (WT: 43)	EACH	5.000
0033	625E29000	TRENCH (WT: 43)	FT	19,107.000
0034	625E29001	TRENCH, AS PER PLAN (WT: 43)	FT	872.000
0035	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	37.000
0036	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	8.000
0037	625E31510	PULL BOX REMOVED (WT: 43)	EACH	37.000
0038	625E32000	GROUND ROD (WT: 43)	EACH	56.000
0039	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	3.000

0040	625E36000	PLASTIC CAUTION TAPE (WT: NR)	FT	19,979.000
0041	625E37101	SERVICE TO UNDERPASS LIGHTING, AS PER PLAN (WT: 43)	EACH	2.000
0042	625E38000	HIGH VOLTAGE TEST (WT: 43)	LS	1.000
0043	625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	LS	1.000
0044	625E40010	SPECIAL - REPLACEMENT OF EXISTING LIGHTING UNIT (WT: 43)	EACH	1.000
0045	625E75506	LUMINAIRE REMOVED (WT: NR)	EACH	69.000
0046	625E75510	POWER SERVICE REMOVED (WT: NR)	EACH	3.000
0047	625E75520	LUMINAIRE SUPPORT REMOVED (WT: NR)	EACH	59.000
0048	625E75522	LUMINAIRE SUPPORT FOUNDATION REMOVED (WT: NR)	EACH	56.000
0049	625E76000	ARC FLASH CALCULATIONS AND LABEL, S.R. 7 AND S.R. 872 INTERCHANGE (WT: NR)	EACH	1.000
0050	625E76000	ARC FLASH CALCULATIONS AND LABEL, S.R. 7 CONN. NORTH INTERCHANGE (WT: NR)	EACH	1.000
0051	625E76000	ARC FLASH CALCULATIONS AND LABEL, S.R. 7 CONN. SOUTH INTERCHANGE (WT: NR)	EACH	1.000
0052	625E98000	LIGHTING, MISC.: REUSE OF EXISTING BRIDGE MOUNTED LIGHT POLE FOUNDATION (WT: 43)	EACH	3.000
<b>Total 0004</b>		<b>LIGHTING</b>		
<b>Section</b>	<b>0005</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0053	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0006</b>	<b>INCIDENTALS</b>		
0054	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0055	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0056	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0057	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0006</b>		<b>INCIDENTALS</b>		

**Project Number: 200512**

**PID: 93020**

**Coshocton**

US-US 36-26.49

E191(209)

DBE Goal: 7%

Date Set for Completion: 10/15/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN LAFAYETTE AND OXFORD TOWNSHIPS, OF COSHOCTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING AND RESURFACING THE PORTION OF US ROUTE 36 FROM STATE ROUTE 93 TO THE COSHOCTON/TUSCARAWAS COUNTY LINE, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT INCLUDES MINOR STRUCTURE WORK AND SOME PAVEMENT REPAIRS.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	1,449.000
0002	209E60500	LINEAR GRADING (WT: 06)	MILE	28.280
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>PAVEMENT</b>		
0003	253E02000	PAVEMENT REPAIR (WT: 16)	CY	200.000
0004	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3.00" (WT: 13)	SY	325,103.000
0005	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	36,614.000
0006	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	12,314.000
0007	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	51.000
0008	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	17,451.000
0009	442E10101	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN (PG64-22/PG64-28) (WT: 10)	CY	13,557.000
0010	442E10300	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447) (WT: 10)	CY	13,557.000
0011	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	1,566.000
0012	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (A) (WT: 29)	FT	228.000

0013	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (B) (WT: 29)	FT	166.000
0014	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	10.000
0015	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	1,706.000
0016	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	28.150
0017	690E98400	SPECIAL - PAVER MOUNTED THERMAL PROFILING (PMTP) (WT: 10)	LS	1.000
<b>Total 0002</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		
0018	621E00100	RPM (WT: 41)	EACH	1,069.000
0019	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,069.000
0020	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	28.160
0021	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	14.080
0022	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	5,148.000
0023	644E00500	STOP LINE (WT: 45)	FT	160.000
0024	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	702.000
0025	644E01300	LANE ARROW (WT: 45)	EACH	36.000
0026	644E01410	WORD ON PAVEMENT, 96" (WT: 45)	EACH	9.000
0027	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.120
0028	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.060
<b>Total 0003</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0004</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0029	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	346.000
0030	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	32.000
0031	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	28.000
0032	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000
0033	614E20100	WORK ZONE LANE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	14.080
0034	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	28.160
0035	614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	5,148.000
0036	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	5,148.000



0037	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	18.000
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<b>Total 0004</b>	<b>MAINTENANCE OF TRAFFIC</b>
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<b>Section 0005</b>	<b>INCIDENTALS</b>
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0038	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0039	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0040	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
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0041	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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<b>Total 0005</b>	<b>INCIDENTALS</b>
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Project Number: 200513

PID: 101380

D04

BH FY2021 (West)

E190(745)

DBE Goal: 9%

Date Set for Completion: 6/30/2022

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE CITIES OF AKRON, CUYAHOGA FALLS, MACEDONIA, AND TWINSBURG; IN THE VILLAGES OF BOSTON HEIGHTS AND RICHFIELD; IN TOWNSHIPS OF BOSTON, NORTHFIELD CENTER, AND RICHFIELD; OF SUMMIT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PREVENTATIVE MAINTENANCE OF BRIDGES TREATING BRIDGE DECK WITH GRAVITY FED RESIN, INCLUDING ALL RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	EROSION CONTROL		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0001	EROSION CONTROL		
Section	0002	TRAFFIC CONTROL		
0002	626E00102	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	282.000
0003	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	6.000
0004	626E00110	BARRIER REFLECTOR, TYPE 2, ONE WAY (WT: NR)	EACH	456.000
0005	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	4.920
0006	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	2.260
0007	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.870
0008	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	821.000
0009	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	830.000
0010	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	94.000
0011	642E00720	CHEVRON MARKING, TYPE 1 (WT: 45)	FT	132.000
0012	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	23.000
Total	0002	TRAFFIC CONTROL		

<b>Section</b>	<b>0003</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0013	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	300.000
0014	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	50.000
0015	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	9.000
<b>Total</b>	<b>0003</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0004</b>	<b>STRUCTURE REPAIR (SUM-271-0354R)</b>		
0016	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0017	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,792.000
0018	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0019	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0020	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0021	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0022	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total</b>	<b>0004</b>	<b>STRUCTURE REPAIR (SUM-271-0354R)</b>		
<b>Section</b>	<b>0005</b>	<b>STRUCTURE REPAIR (SUM-271-0355L)</b>		
0023	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0024	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	2,987.000
0025	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0026	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0027	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0028	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0029	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total</b>	<b>0005</b>	<b>STRUCTURE REPAIR (SUM-271-0355L)</b>		
<b>Section</b>	<b>0006</b>	<b>STRUCTURE REPAIR (SUM-271-0374L)</b>		
0030	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0031	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	836.000

0032	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0033	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0034	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0035	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0036	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0006</b>		<b>STRUCTURE REPAIR (SUM-271-0374L)</b>		
<b>Section</b>	<b>0007</b>	<b>STRUCTURE REPAIR (SUM-82-0000)</b>		
0037	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0038	607E39901	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN (WT: 37)	FT	2,258.000
0039	625E33001	STRUCTURE GROUNDING SYSTEM, AS PER PLAN (WT: 43)	EACH	2.000
<b>Total 0007</b>		<b>STRUCTURE REPAIR (SUM-82-0000)</b>		
<b>Section</b>	<b>0008</b>	<b>STRUCTURE REPAIR (SUM-176-0105)</b>		
0040	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0041	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,612.000
0042	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0043	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0044	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0045	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0046	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0008</b>		<b>STRUCTURE REPAIR (SUM-176-0105)</b>		
<b>Section</b>	<b>0009</b>	<b>STRUCTURE REPAIR (SUM-271-0293)</b>		
0047	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0048	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,396.000
0049	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0050	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0051	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0052	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000

0053	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0009</b>		<b>STRUCTURE REPAIR (SUM-271-0293)</b>		
<b>Section</b>	<b>0010</b>	<b>STRUCTURE REPAIR (SUM-271-0350B)</b>		
0054	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0055	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,158.000
0056	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0057	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0058	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0059	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0060	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0010</b>		<b>STRUCTURE REPAIR (SUM-271-0350B)</b>		
<b>Section</b>	<b>0011</b>	<b>STRUCTURE REPAIR (SUM-271-0374R)</b>		
0061	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0062	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,336.000
0063	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0064	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0065	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0066	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0067	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0011</b>		<b>STRUCTURE REPAIR (SUM-271-0374R)</b>		
<b>Section</b>	<b>0012</b>	<b>STRUCTURE REPAIR (SUM-271-0914)</b>		
0068	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0069	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	899.000
0070	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0071	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0072	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0073	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000

0074	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0012</b>		<b>STRUCTURE REPAIR (SUM-271-0914)</b>		
<b>Section</b>	<b>0013</b>	<b>STRUCTURE REPAIR (SUM-271-0967)</b>		
0075	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0076	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	974.000
0077	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0078	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0079	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0080	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0081	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0013</b>		<b>STRUCTURE REPAIR (SUM-271-0967)</b>		
<b>Section</b>	<b>0014</b>	<b>STRUCTURE REPAIR (SUM-271-1116R)</b>		
0082	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0083	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	823.000
0084	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0085	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0086	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0087	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0088	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0014</b>		<b>STRUCTURE REPAIR (SUM-271-1116R)</b>		
<b>Section</b>	<b>0015</b>	<b>STRUCTURE REPAIR (SUM-271-1117L)</b>		
0089	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0090	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	882.000
0091	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0092	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0093	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0094	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000

0095	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0015</b>		<b>STRUCTURE REPAIR (SUM-271-1117L)</b>		
<b>Section</b>	<b>0016</b>	<b>STRUCTURE REPAIR (SUM-271-1122L)</b>		
0096	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0097	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,032.000
0098	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0099	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0100	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0101	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0102	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0016</b>		<b>STRUCTURE REPAIR (SUM-271-1122L)</b>		
<b>Section</b>	<b>0017</b>	<b>STRUCTURE REPAIR (SUM-271-1122R)</b>		
0103	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0104	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	938.000
0105	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0106	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0107	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0108	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0109	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0017</b>		<b>STRUCTURE REPAIR (SUM-271-1122R)</b>		
<b>Section</b>	<b>0018</b>	<b>STRUCTURE REPAIR (SUM-271-1186R)</b>		
0110	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0111	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	3,977.000
0112	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0113	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0114	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0115	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000

0116	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0018</b>		<b>STRUCTURE REPAIR (SUM-271-1186R)</b>		
<b>Section</b>	<b>0019</b>	<b>STRUCTURE REPAIR (SUM-271-1265L)</b>		
0117	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0118	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,147.000
0119	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0120	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0121	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0122	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0123	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0019</b>		<b>STRUCTURE REPAIR (SUM-271-1265L)</b>		
<b>Section</b>	<b>0020</b>	<b>STRUCTURE REPAIR (SUM-271-1265R)</b>		
0124	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0125	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,200.000
0126	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0127	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0128	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0129	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0130	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0020</b>		<b>STRUCTURE REPAIR (SUM-271-1265R)</b>		
<b>Section</b>	<b>0021</b>	<b>STRUCTURE REPAIR (SUM-271-1413R)</b>		
0131	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0132	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	3,647.000
0133	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0134	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0135	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0136	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000



0137	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0021</b>		<b>STRUCTURE REPAIR (SUM-271-1413R)</b>		
<b>Section</b>	<b>0022</b>	<b>STRUCTURE REPAIR (SUM-271-1415L)</b>		
0138	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0139	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	3,720.000
0140	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0141	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0142	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0143	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0144	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0022</b>		<b>STRUCTURE REPAIR (SUM-271-1415L)</b>		
<b>Section</b>	<b>0023</b>	<b>STRUCTURE REPAIR (SUM-303-0503)</b>		
0145	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0146	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,863.000
0147	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0148	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0149	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0150	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0151	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0023</b>		<b>STRUCTURE REPAIR (SUM-303-0503)</b>		
<b>Section</b>	<b>0024</b>	<b>STRUCTURE REPAIR (SUM-303-1028)</b>		
0152	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0153	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,164.000
0154	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0155	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0156	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0157	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000

0158	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0024</b>		<b>STRUCTURE REPAIR (SUM-303-1028)</b>		
<b>Section</b>	<b>0025</b>	<b>STRUCTURE REPAIR (SUM-480-0011L)</b>		
0159	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0160	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,081.000
0161	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0162	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0163	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0164	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0165	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0025</b>		<b>STRUCTURE REPAIR (SUM-480-0011L)</b>		
<b>Section</b>	<b>0026</b>	<b>STRUCTURE REPAIR (SUM-59-0019L)</b>		
0166	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0167	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	2,729.000
0168	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0169	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0170	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0171	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0172	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0026</b>		<b>STRUCTURE REPAIR (SUM-59-0019L)</b>		
<b>Section</b>	<b>0027</b>	<b>STRUCTURE REPAIR (SUM-59-0039R)</b>		
0173	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0174	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	3,783.000
0175	519E12304	PATCHING CONCRETE BRIDGE DECK - TYPE C (WT: 29)	SY	18.000
0176	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0177	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0178	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000

0179	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0180	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0027</b>		<b>STRUCTURE REPAIR (SUM-59-0039R)</b>		
<b>Section</b>	<b>0028</b>	<b>STRUCTURE REPAIR (SUM-59-0043L)</b>		
0181	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0182	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	4,063.000
0183	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0184	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0185	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0186	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0187	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0028</b>		<b>STRUCTURE REPAIR (SUM-59-0043L)</b>		
<b>Section</b>	<b>0029</b>	<b>STRUCTURE REPAIR (SUM-59-0088)</b>		
0188	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0189	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,906.000
0190	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0191	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0192	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0193	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0194	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0029</b>		<b>STRUCTURE REPAIR (SUM-59-0088)</b>		
<b>Section</b>	<b>0030</b>	<b>STRUCTURE REPAIR (SUM-59-0115J)</b>		
0195	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0196	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	648.000
0197	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0198	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0199	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000

0200	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0201	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0030</b>		<b>STRUCTURE REPAIR (SUM-59-0115J)</b>		
<b>Section</b>	<b>0031</b>	<b>STRUCTURE REPAIR (SUM-59-0126)</b>		
0202	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0203	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	2,000.000
0204	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0205	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0206	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0207	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0208	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0031</b>		<b>STRUCTURE REPAIR (SUM-59-0126)</b>		
<b>Section</b>	<b>0032</b>	<b>STRUCTURE REPAIR (SUM-59-0167)</b>		
0209	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0210	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	3,528.000
0211	519E12304	PATCHING CONCRETE BRIDGE DECK - TYPE C (WT: 29)	SY	30.000
0212	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0213	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0214	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0215	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0216	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0032</b>		<b>STRUCTURE REPAIR (SUM-59-0167)</b>		
<b>Section</b>	<b>0033</b>	<b>STRUCTURE REPAIR (SUM-59-0176)</b>		
0217	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0218	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	4,344.000
0219	519E12304	PATCHING CONCRETE BRIDGE DECK - TYPE C (WT: 29)	SY	36.000

0220	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0221	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0222	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0223	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0224	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0033</b>		<b>STRUCTURE REPAIR (SUM-59-0176)</b>		
<b>Section</b>	<b>0034</b>	<b>STRUCTURE REPAIR (SUM-59-0208)</b>		
0225	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0226	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,544.000
0227	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0228	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0229	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0230	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0231	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0034</b>		<b>STRUCTURE REPAIR (SUM-59-0208)</b>		
<b>Section</b>	<b>0035</b>	<b>STRUCTURE REPAIR (SUM-59-0234)</b>		
0232	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0233	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	2,106.000
0234	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0235	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0236	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0237	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0238	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0035</b>		<b>STRUCTURE REPAIR (SUM-59-0234)</b>		
<b>Section</b>	<b>0036</b>	<b>STRUCTURE REPAIR (SUM-59-0239)</b>		
0239	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0240	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	2,989.000

0241	519E12304	PATCHING CONCRETE BRIDGE DECK - TYPE C (WT: 29)	SY	14.000
0242	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0243	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0244	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0245	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0246	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0036</b>		<b>STRUCTURE REPAIR (SUM-59-0239)</b>		
<b>Section</b>	<b>0037</b>	<b>STRUCTURE REPAIR (SUM-59-0803L)</b>		
0247	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0248	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	838.000
0249	519E12304	PATCHING CONCRETE BRIDGE DECK - TYPE C (WT: 29)	SY	8.000
0250	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0251	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0252	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0253	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0254	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0037</b>		<b>STRUCTURE REPAIR (SUM-59-0803L)</b>		
<b>Section</b>	<b>0038</b>	<b>STRUCTURE REPAIR (SUM-80-0774F)</b>		
0255	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0256	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,734.000
0257	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0258	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0259	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0260	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0261	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0038</b>		<b>STRUCTURE REPAIR (SUM-80-0774F)</b>		
<b>Section</b>	<b>0039</b>	<b>STRUCTURE REPAIR (SUM-8-0556K1)</b>		

0262	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0263	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,301.000
0264	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	21.000
0265	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	6.000
0266	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	1.000
0267	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0268	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0039</b>		<b>STRUCTURE REPAIR (SUM-8-0556K1)</b>		
<b>Section</b>	<b>0040</b>	<b>STRUCTURE REPAIR (SUM-8-0616)</b>		
0269	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0270	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,778.000
0271	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0272	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0273	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0274	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0275	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0040</b>		<b>STRUCTURE REPAIR (SUM-8-0616)</b>		
<b>Section</b>	<b>0041</b>	<b>STRUCTURE REPAIR (SUM-8-0643)</b>		
0276	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0277	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	834.000
0278	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0279	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0280	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0281	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0282	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
<b>Total 0041</b>		<b>STRUCTURE REPAIR (SUM-8-0643)</b>		
<b>Section</b>	<b>0042</b>	<b>STRUCTURE REPAIR (SUM-82-0802)</b>		

0283	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0284	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	851.000
0285	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	42.000
0286	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0287	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	2.000
0288	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0289	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000

**Total 0042      STRUCTURE REPAIR (SUM-82-0802)**

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**Section 0043      INCIDENTALS**

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0290	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0291	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0292	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0293	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	12.000
0294	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0295	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0043      INCIDENTALS**



Project Number: 200514

PID: 100970

D04

CHIP FY2021

E170(107)

DBE Goal: 5%

Date Set for Completion: 7/30/2021

Type: CHIP SEAL

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE TOWNSHIPS OF ANDOVER, WILLIAMSFIELD, GOSHEN AND VERNON, OF ASHTABULA, MAHONING AND TRUMBULL COUNTIES, IN OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING A SINGLE CHIP SEAL ON VARIOUS 2 LANE STATE ROUTES, INCLUDING ALL RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	886E11000	FOG SEAL (WT: 11)	GAL	19,943.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0002	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		
0003	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	5,000.000
0004	422E11000	AGGREGATE, SINGLE CHIP SEAL, TYPE A (WT: 11)	SY	132,953.000
0005	422E25000	EMULSION, CHIP SEAL (WT: 11)	GAL	49,193.000
<b>Total</b>	<b>0003</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
0006	621E00100	RPM (WT: 41)	EACH	519.000
0007	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	416.000
0008	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	14.800
0009	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	1.820
0010	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	5.580
0011	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	113.000

0012	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	113.000
0013	644E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	22.200
Total 0004		TRAFFIC CONTROL		
Section	0005	MAINTENANCE OF TRAFFIC		
0014	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	20.000
0015	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	5.460
0016	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	16.740
0017	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	14.800
0018	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	339.000
Total 0005		MAINTENANCE OF TRAFFIC		
Section	0006	INCIDENTALS		
0019	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0020	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0021	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0022	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0023	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0006		INCIDENTALS		

**Project Number: 200515**

**PID: 98030**

**Fairfield**

/PER-SR 256-14.12/00.00

E191(001)

DBE Goal: 6.0%

Date Set for Completion: 10/15/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN WALNUT, RICHLAND AND THORN TOWNSHIPS, WITHIN FAIRFIELD AND PERRY COUNTIES, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING AND RESURFACING 11 MILES OF STATE ROUTE 256, INCLUDING ALL RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23000	PAVEMENT REMOVED (WT: NR)	SY	8.000
0002	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	4,026.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	152.000
0004	209E60500	LINEAR GRADING (WT: 06)	MILE	21.340
0005	608E10000	4" CONCRETE WALK (WT: 38)	SF	277.000
0006	608E53020	DETECTABLE WARNING (WT: 38)	SF	40.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>DRAINAGE</b>		
0007	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	3.000
0008	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	9.000
0009	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	2.000
<b>Total</b>	<b>0002</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		
0010	253E02000	PAVEMENT REPAIR (WT: 16)	CY	420.000
0011	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	11,807.000
0012	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	9,436.000
0013	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	80.000
0014	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	4,083.000

0015	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	137.000
0016	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	1,311.000
0017	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 1.00" (WT: 13)	SY	17,139.000
<b>Total 0003</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
0018	621E00100	RPM (WT: 41)	EACH	865.000
0019	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	865.000
0020	644E00104	EDGE LINE, 6" (WT: 45)	MILE	20.160
0021	644E00300	CENTER LINE (WT: 45)	MILE	10.080
0022	644E00500	STOP LINE (WT: 45)	FT	483.000
0023	644E00600	CROSSWALK LINE (WT: 45)	FT	740.000
0024	644E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	2.000
0025	644E20800	YIELD LINE (WT: 45)	FT	22.000
<b>Total 0004</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0005</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0026	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	16.000
0027	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	79.000
0028	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	9.000
0029	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	10.080
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0006</b>	<b>INCIDENTALS</b>		
0030	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0031	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0032	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0033	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0034	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0006</b>		<b>INCIDENTALS</b>		

Project Number: 200516

PID: 100826

Greene

SR 235-10.75/11.10

E160(197)

DBE Goal: 10%

Date Set for Completion: 6/30/2022

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING GRE-235-10.75/11.10 IN GREENE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE BOX BEAMS AND COMPOSITE DECK AND PERFORMING OTHER STRUCTURE IMPROVEMENTS ON BRIDGE NO. GRE-235-10.75. AND REPLACING EXPANSION JOINTS, ABUTMENT BEARINGS, PAINTING STRUCTURAL STEEL, CONSTRUCTING A DRILLED SHAFT RETAINING WALL AND PERFORMING OTHER BRIDGE REPAIRS ON BRIDGE NO. GRE-235-11.10.

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	1,429.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	400.000
0004	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	4.000
0005	203E10000	EXCAVATION (WT: 06)	CY	228.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	896.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,888.000
0008	204E13000	EXCAVATION OF SUBGRADE, 12" DEEP (WT: 06)	CY	666.000
0009	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	666.000
0010	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0011	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	1,699.000
0012	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	475.000
0013	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	4.000
0014	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
Total	0001	ROADWAY		

<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0015	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0016	659E00300	TOPSOIL (WT: 46)	CY	173.000
0017	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,437.000
0018	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	78.000
0019	659E15000	INTER-SEEDING (WT: 46)	SY	78.000
0020	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.220
0021	659E31000	LIME (WT: 46)	ACRE	0.320
0022	659E35000	WATER (WT: 46)	MGAL	9.000
0023	659E40000	MOWING (WT: 46)	MSF	4.000
0024	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0025	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0026	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0027	832E30000	EROSION CONTROL (WT: 08)	EACH	10,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0028	605E31100	AGGREGATE DRAINS (WT: 35)	FT	144.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0029	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1-1/2" DEEP (WT: 13)	SY	590.000
0030	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	368.000
0031	304E20000	AGGREGATE BASE (WT: 09)	CY	294.000
0032	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	273.000
0033	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	84.000
0034	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	69.000
<b>Total</b>	<b>0004</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0035	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	28.000
0036	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	19.000
0037	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	10.500

0038	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	5.000
0039	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0040	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0041	646E10000	EDGE LINE, 4" (WT: 45)	MILE	0.820
0042	646E10200	CENTER LINE (WT: 45)	MILE	0.410
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		

<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0043	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	772.000
0044	614E12336	WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL) (WT: 39)	EACH	8.000
0045	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 10)	CY	5.000
0046	614E13310	BARRIER REFLECTOR, TYPE 1, BI-DIRECTIONAL (WT: NR)	EACH	64.000
0047	614E13318	BARRIER REFLECTOR, TYPE 5, TWO-WAY (WT: NR)	EACH	46.000
0048	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	110.000
0049	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	15.000
0050	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	0.840
0051	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	3.140
0052	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	100.000
0053	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	2,177.000
0054	616E10000	WATER (WT: NR)	MGAL	55.000
0055	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	1,860.000
0056	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	1,320.000
<b>Total 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		

<b>Section</b>	<b>0007</b>	<b>MISCELLANEOUS STRUCTURE: VANE ARM DETAILS</b>		
0057	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0058	203E10000	EXCAVATION (WT: 06)	CY	546.000
0059	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	274.000
0060	203E57160	SPECIAL - FOUNDATION EMBANKMENT (WT: 06)	CY	76.000

0061	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 34)	LS	1.000
0062	503E21300	UNCLASSIFIED EXCAVATION (WT: 34)	LS	1.000
0063	511E81300	CONCRETE, MISC.: VANE ARM BLOCKS (WT: 34)	EACH	68.000
0064	524E94503	DRILLED SHAFTS, 24" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	2,040.000
0065	524E95000	DRILLED SHAFTS, MISC.: 18" DIAMETER PLUG PILE (WT: 28)	FT	500.000
0066	670E00510	SLOPE EROSION PROTECTION MAT, TYPE A (WT: 46)	SY	877.000
0067	690E12010	SPECIAL - GEOTEXTILE FABRIC (WT: 06)	SY	325.000
<b>Total 0007 MISCELLANEOUS STRUCTURE: VANE ARM DETAILS</b>				
<b>Section</b>	<b>0008</b>	<b>STRUCTURE OVER 20 FOOT SPAN (GRE-235-10.75)</b>		
0068	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0069	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	224.000
0070	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	1,927.000
0071	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 21)	LS	1.000
0072	503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 21)	LS	1.000
0073	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	154,711.000
0074	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	EACH	293.000
0075	511E33501	SEMI-INTEGRAL DIAPHRAGM GUIDE, AS PER PLAN (WT: 21)	EACH	2.000
0076	511E53014	CLASS QC3 CONCRETE, MISC.: SUBSTRUCTURE (WT: 21)	CY	29.000
0077	511E53014	CLASS QC3 CONCRETE, MISC.: WITH QA/QC SUPERSTRUCTURE, AS PER PLAN (WT: 21)	CY	545.000
0078	512E10101	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE), AS PER PLAN (WT: 57)	SY	84.000
0079	512E33000	TYPE 2 WATERPROOFING (WT: NR)	SY	6.000
0080	515E12071	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB27-48, AS PER PLAN (BEAM LENGTH = 52'- 5 1/4") (WT: 21)	EACH	25.000
0081	515E12071	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB27-48, AS PER PLAN (BEAM LENGTH = 54'- 5 3/8") (WT: 21)	EACH	10.000



0082	515E20001	INTERMEDIATE DIAPHRAGMS, AS PER PLAN (WT: 21)	EACH	28.000
0083	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	114.000
0084	516E25000	NYLON REINFORCED NEOPRENE SHEETING (WT: 21)	SF	403.000
0085	516E43300	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (3.074"x8"x28") (WT: 21)	EACH	120.000
0086	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (3.224"x8"x28") (WT: 21)	EACH	10.000
0087	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	775.000
0088	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	34.000
0089	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	73.000
0090	526E25000	REINFORCED CONCRETE APPROACH SLABS (T=15") (WT: 29)	SY	223.000
0091	526E90030	TYPE C INSTALLATION (WT: 29)	FT	114.000
0092	845E60000	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: NR)	SF	2,011.000
0093	845E61000	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: NR)	MNHR	35.000
0094	845E62000	FIELD METALLIZING OF EXISTING STRUCTURAL STEEL (WT: NR)	SF	2,011.000
<b>Total 0008      STRUCTURE OVER 20 FOOT SPAN (GRE-235-10.75)</b>				
<b>Section 0009      STRUCTURE 20 FOOT SPAN AND UNDER (GRE-235-11.10)</b>				
0095	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	LS	1.000
0096	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	1,513.000
0097	256E10200	BONDED PATCHING OF PORTLAND CEMENT CONCRETE PAVEMENT, TYPE C (WT: 29)	SF	500.000
0098	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	61.000
0099	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	682.000
0100	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	1,000.000
0101	511E34445	CLASS QC2 CONCRETE, BRIDGE DECK, AS PER PLAN (WT: 29)	CY	6.000

0102	511E50210	CLASS QC1 CONCRETE, SUBSTRUCTURE (WT: 29)	CY	10.000
0103	513E10001	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 29)	LS	1.000
0104	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	19,145.000
0105	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	19,145.000
0106	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	19,357.000
0107	514E00067	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT, AS PER PLAN (WT: 26)	SF	19,357.000
0108	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	35.000
0109	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	20.000
0110	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	83.000
0111	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN(1.924"x12"x12") (WT: 21)	EACH	14.000
0112	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0113	517E75600	DEEP BEAM BRIDGE RETROFIT RAILING (WT: 29)	FT	575.000
0114	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 29)	FT	6.000
<b>Total 0009      STRUCTURE 20 FOOT SPAN AND UNDER (GRE-235-11.10)</b>				
<b>Section 0010</b>	<b>INCIDENTALS</b>			
0115	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0116	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0117	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0118	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0010      INCIDENTALS</b>				

**Project Number: 200517**

**PID: 101193**

**Hancock**

SR 698-04.73/05.76

E161(617)

DBE Goal: 10%

Date Set for Completion: 10/31/2021

Type: BRIDGE REPLACEMENT (2 BRIDGES)

Plan Cost: N/A

FOR IMPROVING HAN-698-4.73/5.76 IN HANCOCK COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING BRIDGE NO. HAN-698-0473 WITH A THREE SPAN CONTINUOUS CONCRETE SLAB ON REINFORCED CONCRETE SUBSTRUCTURE, (SPANS: 22', 27'-6", 22';ROADWAY: 30' FACE/FACE OF RAILING), OVER TIDERISHI CREEK. AND REPLACING BRIDGE NO. HAN-598-0576 WITH A THREE SPAN CONTINUOUS CONCRETE SLAB ON REINFORCED CONCRETE SUBSTRUCTURE, (SPANS: 28', 35', 28';ROADWAY: 30' FACE/FACE OF RAILING) OVER TIDERISHI CREEK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23010	PAVEMENT REMOVED, ASPHALT (WT: NR)	SY	1,494.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	958.000
0004	202E53101	MAILBOX REMOVED, AS PER PLAN (WT: NR)	EACH	3.000
0005	203E10000	EXCAVATION (WT: 06)	CY	354.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	364.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,958.000
0008	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0009	606E15101	GUARDRAIL, TYPE MGS WITH LONG POSTS, AS PER PLAN (WT: 36)	FT	950.000
0010	606E20050	ROUNDED END SECTION (WT: 36)	EACH	4.000
0011	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	6.000
0012	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	4.000
0013	606E35001	BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN (WT: 36)	EACH	8.000
0014	626E00102	BARRIER REFLECTOR, TYPE 1, BI-DIRECTIONAL (WT: NR)	EACH	38.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		

<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0015	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	179.000
0016	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0017	659E00300	TOPSOIL (WT: 46)	CY	147.000
0018	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,364.000
0019	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	68.000
0020	659E15000	INTER-SEEDING (WT: 46)	SY	68.000
0021	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.200
0022	659E31000	LIME (WT: 46)	ACRE	0.300
0023	659E35000	WATER (WT: 46)	MGAL	7.000
0024	832E30000	EROSION CONTROL (WT: 08)	EACH	15,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0025	605E31100	AGGREGATE DRAINS (WT: 35)	FT	486.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0026	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	321.000
0027	304E20000	AGGREGATE BASE (WT: 09)	CY	342.000
0028	407E10000	TACK COAT (WT: 10)	GAL	103.000
0029	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	67.000
0030	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, SAFETY EDGE (WT: 10)	CY	37.000
0031	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	90.000
<b>Total</b>	<b>0004</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0032	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	44.000
0033	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	4.000
0034	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
0035	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.320
0036	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.160
<b>Total</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		

Section 0006		STRUCTURE OVER 20 FOOT SPAN (HAN-698-0473) (SFN: 3205510)		
0037	202E11002	STRUCTURE REMOVED, OVER 20 FOOT SPAN (WT: 19)	LS	1.000
0038	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	132.000
0039	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0040	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000
0041	503E31100	ROCK EXCAVATION (WT: 21)	CY	53.000
0042	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	67,460.000
0043	511E32212	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (WT: 21)	CY	129.000
0044	511E40512	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	CY	96.000
0045	511E43512	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	224.000
0046	511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	CY	58.000
0047	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	218.000
0048	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	113.000
0049	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 21)	FT	92.000
0050	516E44001	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (9"X9"X1.6" BEARING WITH 10"X10"X1.5" LOAD PLATE) (WT: 21)	EACH	70.000
0051	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	202.000
0052	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	45.000
0053	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 21)	FT	171.000
0054	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	120.000
0055	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	60.000
0056	526E25011	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN (WT: 29)	SY	178.000
0057	526E90010	TYPE A INSTALLATION (WT: 29)	FT	68.000
0058	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	28.000

**Total 0006****STRUCTURE OVER 20 FOOT SPAN (HAN-698-0473) (SFN: 3205510)****Section 0007****STRUCTURE OVER 20 FOOT SPAN (HAN-698-0576) (SFN: 3205526)**

0059	202E11002	STRUCTURE REMOVED, OVER 20 FOOT SPAN (WT: 19)	LS	1.000
0060	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	111.000
0061	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	111.000
0062	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0063	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000
0064	503E31100	ROCK EXCAVATION (WT: 21)	CY	135.000
0065	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	60,203.000
0066	511E32212	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (WT: 21)	CY	171.000
0067	511E40512	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	CY	49.000
0068	511E43512	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	163.000
0069	511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	CY	58.000
0070	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	179.000
0071	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	4.000
0072	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	49.000
0073	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 21)	FT	92.000
0074	516E44001	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (9"X9"X1.6" BEARING WITH 10"X10"X1.5" LOAD PLATE) (WT: 21)	EACH	74.000
0075	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	193.000
0076	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	46.000
0077	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 21)	FT	217.000
0078	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	113.000
0079	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	40.000

0080	526E25010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") (WT: 29)	SY	167.000
0081	526E90010	TYPE A INSTALLATION (WT: 29)	FT	70.000
0082	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	29.000

**Total 0007      STRUCTURE OVER 20 FOOT SPAN (HAN-698-0576) (SFN:  
3205526)**

<b>Section 0008</b>	<b>INCIDENTALS</b>			
0083	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0084	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0085	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0086	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0087	624E10000	MOBILIZATION (WT: NR)	LS	1.000
0100	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
<b>Total 0008</b>	<b>INCIDENTALS</b>			

**Project Number: 200518**

**PID: 101738**

**Highland**

SR 28-09.25

E170(247)

DBE Goal: 7.0%

Date Set for Completion: 8/1/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN FAIRFIELD TOWNSHIP, HIGHLAND COUNTY, OHIO, IN  
ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING A CULVERT AND RELATED WORK**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E20010	HEADWALL REMOVED (WT: NR)	EACH	2.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	700.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,090.000
0005	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	6.000
0006	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	1.000
0007	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT (30") (WT: NR)	FT	247.000
0008	202E75000	FENCE REMOVED (WT: NR)	FT	1,197.000
0009	202E98100	REMOVAL MISC.:CONC. WEIR REMOVED (WT: NR)	EACH	7.000
0010	203E10000	EXCAVATION (WT: 06)	CY	1,415.000
0011	203E20000	EMBANKMENT (WT: 06)	CY	4,682.000
0012	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	606.000
0013	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	1,025.000
0014	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350/MASH2016) (WT: 36)	EACH	4.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0015	601E32110	ROCK CHANNEL PROTECTION, TYPE B WITH AGGREGATE FILTER (WT: 35)	CY	21.000



0016	659E00300	TOPSOIL (WT: 46)	CY	81.000
0017	659E10000	SEEDING AND MULCHING (WT: 46)	SY	6,328.000
0018	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	316.000
0019	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.850
0020	659E31000	LIME (WT: 46)	ACRE	1.310
0021	659E35000	WATER (WT: 46)	MGAL	34.000
0022	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	726.000
0023	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	371.000
0024	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0025	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0026	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0027	832E30000	EROSION CONTROL (WT: 08)	EACH	15,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0028	202E11001	STRUCTURE REMOVED, AS PER PLAN (EXISTING 60"x96" BOX CULVERT AND WINGWALLS) (WT: 19)	LS	1.000
0029	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0030	602E20000	CONCRETE MASONRY (WT: 35)	CY	4.800
0031	605E31100	AGGREGATE DRAINS (WT: 35)	FT	400.000
0032	611E26000	72" CONDUIT, TYPE A (SEE SHEET 21 FOR ALLOWABLE MATERIAL TYPES) (WT: 35)	FT	112.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0033	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	163.000
0034	304E20000	AGGREGATE BASE (WT: 09)	CY	134.000
0035	407E10000	TACK COAT (WT: 10)	GAL	374.000
0036	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	35.000
0037	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	104.000
0038	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	46.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0039	621E00100	RPM (WT: 41)	EACH	8.000

0040	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	8.000
0041	626E00110	BARRIER REFLECTOR, TYPE 2 (BI-DIRECTIONAL) (WT: NR)	EACH	12.000
0042	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.200
0043	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.100
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0044	253E02000	PAVEMENT REPAIR (WT: 16)	CY	50.000
0045	407E10000	TACK COAT (WT: 10)	GAL	200.000
0046	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	100.000
0047	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	8.000
0048	616E10000	WATER (WT: NR)	MGAL	5.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	INCIDENTALS		
0049	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0050	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0051	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	1.000
0052	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0053	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0007	INCIDENTALS		

**Project Number: 200519**

**PID: 98462**

**Huron**

US 250-05.10

E201(183)

DBE Goal: 7%

Date Set for Completion: 8/30/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE TOWNSHIPS OF BRONSON, FITCHVILLE, GREENWICH, HARTLAND, AND NORWALK, IN HURON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING PAVEMENT REPAIRS, RESURFACING ASPHALT PAVEMENT, REBUILDING GUARDRAIL, APPLYING PAVEMENT MARKINGS, AND PERFORMING MINOR STRUCTURE REPAIRS.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E30801	TRAFFIC ISLAND REMOVED, AS PER PLAN (WT: NR)	SY	272.000
0002	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	2,456.250
0003	202E38001	GUARDRAIL REMOVED, AS PER PLAN (WT: NR)	FT	37.500
0004	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	23.000
0005	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	8.000
0006	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	24.000
0007	203E10000	EXCAVATION (WT: 06)	CY	4.000
0008	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	91.000
0009	209E15000	RESHAPING UNDER GUARDRAIL (WT: 06)	STA	37.440
0010	209E60500	LINEAR GRADING (WT: 06)	MILE	21.390
0011	209E72051	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	MILE	7.960
0012	209E80000	GRADING MAILBOX APPROACHES (WT: 06)	EACH	14.000
0013	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	506.250
0014	606E13050	GUARDRAIL, TYPE 5A (WT: 36)	FT	37.500

0015	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	1,825.500
0016	606E15150	GUARDRAIL, TYPE MGS HALF POST SPACING (WT: 36)	FT	25.000
0017	606E17350	GUARDRAIL, TYPE MGS, 25' LONG-SPAN (WT: 36)	FT	100.000
0018	606E26100	ANCHOR ASSEMBLY, TYPE E (MASH 2016) (WT: 36)	EACH	4.000
0019	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	19.000
0020	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	8.000
0021	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
0022	606E35140	BRIDGE TERMINAL ASSEMBLY, TYPE 4 (WT: 36)	EACH	20.000
0023	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	26.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0024	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0025	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	13.000
0026	611E98635	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	2.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0027	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (LONGITUDINAL) (WT: 16)	CY	1,120.000
0028	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (TRANSVERSE) (WT: 16)	CY	280.000
0029	253E02000	PAVEMENT REPAIR (LONGITUDINAL) (WT: 16)	CY	80.000
0030	253E02000	PAVEMENT REPAIR (TRANSVERSE) (WT: 16)	CY	20.000
0031	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.5 INCH) (WT: 13)	SY	195,674.000
0032	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (2.5 INCH) (WT: 13)	SY	76,875.000
0033	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (3.25 INCH) (WT: 13)	SY	424.000
0034	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (TAPER 2.5" TO 3.25") (WT: 13)	SY	3,361.000

0035	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (VARIABLE DEPTH) (WT: 13)	SY	958.000
0036	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	1,367.000
0037	407E10000	TACK COAT (WT: 10)	GAL	26,104.000
0038	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	14,395.000
0039	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (PG70-22) (WT: 10)	CY	11,535.000
0040	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (PG70-22) (SAFETY EDGE) (WT: 10)	CY	115.000
0041	442E10101	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN (BINDER VARIES) (WT: 10)	CY	3,855.000
0042	609E54001	6" CONCRETE TRAFFIC ISLAND, AS PER PLAN (WT: 38)	SY	272.000
0043	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	2,100.000
0044	617E20000	SHOULDER PREPARATION (WT: 06)	SY	26,646.000
0045	618E41000	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	MILE	27.520
0046	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	13.760
0047	874E20000	LONGITUDINAL JOINT PREPARATION (WT: 10)	FT	72,653.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0048	621E00100	RPM (WT: 41)	EACH	978.000
0049	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	976.000
0050	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	50.000
0051	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	29.540
0052	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	14.740
0053	644E00500	STOP LINE (WT: 45)	FT	592.000
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0054	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
0055	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0056	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	73.000
0057	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	50.000

0058	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	33.470
0059	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	214.000
<b>Total 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0007</b>	<b>STRUCTURE REPAIR (HUR-250-5.19)</b>		
0060	202E38603	BRIDGE RAILING REMOVED FOR REUSE, AS PER PLAN (WT: NR)	FT	88.000
0061	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	80.000
0062	517E75601	DEEP BEAM BRIDGE RETROFIT RAILING, AS PER PLAN (WT: 36)	FT	88.000
<b>Total 0007</b>		<b>STRUCTURE REPAIR (HUR-250-5.19)</b>		
<b>Section</b>	<b>0008</b>	<b>STRUCTURE REPAIR (HUR-250-5.27)</b>		
0063	202E98200	REMOVAL MISC.: JOINT SEALER (WT: NR)	FT	82.000
0064	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	82.000
0065	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	281.000
0066	512E74500	REMOVAL OF EXISTING PAVEMENT MARKING (WT: NR)	FT	153.000
0067	516E31000	JOINT SEALER (WT: NR)	FT	82.000
0068	517E75600	DEEP BEAM BRIDGE RETROFIT RAILING (WT: 36)	FT	88.000
<b>Total 0008</b>		<b>STRUCTURE REPAIR (HUR-250-5.27)</b>		
<b>Section</b>	<b>0009</b>	<b>STRUCTURE REPAIR (HUR-250-7.47)</b>		
0069	202E38603	BRIDGE RAILING REMOVED FOR REUSE, AS PER PLAN (WT: NR)	FT	100.000
0070	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	86.000
0071	517E75601	DEEP BEAM BRIDGE RETROFIT RAILING, AS PER PLAN (WT: 36)	FT	100.000
<b>Total 0009</b>		<b>STRUCTURE REPAIR (HUR-250-7.47)</b>		
<b>Section</b>	<b>0010</b>	<b>STRUCTURE REPAIR (HUR-250-13.00)</b>		
0072	202E38603	BRIDGE RAILING REMOVED FOR REUSE, AS PER PLAN (WT: NR)	FT	50.000
0073	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	82.000
0074	517E75601	DEEP BEAM BRIDGE RETROFIT RAILING, AS PER PLAN (WT: 36)	FT	50.000
<b>Total 0010</b>		<b>STRUCTURE REPAIR (HUR-250-13.00)</b>		

<b>Section</b>	<b>0011</b>	<b>STRUCTURE REPAIR (HUR-250-15.54)</b>		
0075	202E98200	REMOVAL MISC.: JOINT SEALER (WT: NR)	FT	88.000
0076	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	88.000
0077	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	1,105.000
0078	512E74500	REMOVAL OF EXISTING PAVEMENT MARKING (WT: NR)	FT	678.000
0079	516E31000	JOINT SEALER (WT: NR)	FT	88.000
<b>Total</b>	<b>0011</b>	<b>STRUCTURE REPAIR (HUR-250-15.54)</b>		
<b>Section</b>	<b>0012</b>	<b>STRUCTURE REPAIR (HUR-250-18.30)</b>		
0080	202E98200	REMOVAL MISC.: JOINT SEALER (WT: NR)	FT	90.000
0081	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	174.000
0082	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	729.000
0083	512E74500	REMOVAL OF EXISTING PAVEMENT MARKING (WT: NR)	FT	417.000
0084	516E31000	JOINT SEALER (WT: NR)	FT	90.000
<b>Total</b>	<b>0012</b>	<b>STRUCTURE REPAIR (HUR-250-18.30)</b>		
<b>Section</b>	<b>0013</b>	<b>STRUCTURE REPAIR (HUR-250-18.41)</b>		
0085	202E98200	REMOVAL MISC.: JOINT SEALER (WT: NR)	FT	90.000
0086	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	166.000
0087	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	455.000
0088	512E74500	REMOVAL OF EXISTING PAVEMENT MARKING (WT: NR)	FT	267.000
0089	516E31000	JOINT SEALER (WT: NR)	FT	90.000
<b>Total</b>	<b>0013</b>	<b>STRUCTURE REPAIR (HUR-250-18.41)</b>		
<b>Section</b>	<b>0014</b>	<b>STRUCTURE REPAIR (HUR-250-19.51)</b>		
0090	202E38603	BRIDGE RAILING REMOVED FOR REUSE, AS PER PLAN (WT: NR)	FT	88.000
0091	409E30000	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS (WT: 15)	FT	88.000
0092	517E75601	DEEP BEAM BRIDGE RETROFIT RAILING, AS PER PLAN (WT: 36)	FT	88.000
<b>Total</b>	<b>0014</b>	<b>STRUCTURE REPAIR (HUR-250-19.51)</b>		
<b>Section</b>	<b>0015</b>	<b>INCIDENTALS</b>		

0093	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0094	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0095	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0096	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0097	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0098	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0015      INCIDENTALS</b>				



**Project Number: 200520**

**PID: 105302**

**Jefferson**

US 22-00.00

E190(903)

DBE Goal: 7.0%

Date Set for Completion: 9/30/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

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

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	209E60200	LINEAR GRADING (WT: 06)	STA	903.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0003	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0004	605E31100	AGGREGATE DRAINS (WT: 35)	FT	200.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0005	251E01010	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	CY	100.000
0006	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.5") (WT: 13)	SY	184,243.000
0007	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	3,661.000
0008	255E10011	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1, AS PER PLAN (A) (WT: 17)	SY	1,900.000
0009	255E10011	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1, AS PER PLAN (B) (WT: 17)	SY	2,000.000
0010	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	14,640.000

0011	407E10000	TACK COAT (WT: 10)	GAL	15,660.000
0012	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	8,013.000
0013	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	4,831.000
0014	442E10351	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE B (447), AS PER PLAN (WT: 10)	CY	7,680.000
0015	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	837.000
0016	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	81,600.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0017	621E00100	RPM (WT: 41)	EACH	433.000
0018	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	433.000
0019	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	17.240
0020	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	7.800
0021	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	2,836.000
0022	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	951.000
0023	646E10400	STOP LINE (WT: 45)	FT	274.000
0024	646E20320	WRONG WAY ARROW (WT: 45)	EACH	4.000
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0025	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	200.000
0026	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	8.000
0027	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	24.000
0028	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	50.000
0029	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	0.080
0030	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	15.440
0031	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	0.160
0032	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	33.000
0033	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	3,628.000
0034	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	72.000
<b>Total 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		

Section 0007		INCIDENTALS		
0035	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0036	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0037	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0038	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0039	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		

**Project Number: 200521**

**PID: 87350**

**Jefferson**

US 22-10.13

E091(243)

DBE Goal: 7.0%

Date Set for Completion: 10/31/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING A SECTION IN JEFFERSON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY ASPHALT CONCRETE RESURFACING, MINOR BRIDGE REPAIRS, AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	209E60500	LINEAR GRADING (WT: 06)	MILE	15.330
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0003	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0004	605E31100	AGGREGATE DRAINS (WT: 35)	FT	200.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0005	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.5") (WT: 13)	SY	261,217.000
0006	255E10011	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1, AS PER PLAN (WT: 17)	SY	1,200.000
0007	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	4,480.000
0008	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	22,208.000
0009	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	7,173.000
0010	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	6,356.000
0011	442E10351	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE B (447), AS PER PLAN (WT: 10)	CY	10,909.000

0012	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	766.000
0013	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	101,225.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0014	621E00100	RPM (WT: 41)	EACH	540.000
0015	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	471.000
0016	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	23.000
0017	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	9.710
0018	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	4,243.000
0019	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	7,256.000
0020	646E10400	STOP LINE (WT: 45)	FT	152.000
0021	646E20300	LANE ARROW (WT: 45)	EACH	1.000
0022	646E20320	WRONG WAY ARROW (WT: 45)	EACH	8.000
Total 0005		TRAFFIC CONTROL		
Section 0006	MAINTENANCE OF TRAFFIC			
0023	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	200.000
0024	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	17.000
0025	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	17.000
0026	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	3.000
0027	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	10.000
0028	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	50.000
0029	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	19.430
0030	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	45.870
0031	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	8,485.000
0032	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	304.000
0033	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	68.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section 0007	STRUCTURE REPAIR (JEF-22-1230L, SFN 4104080)			
0034	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	233.000

0035	519E12200	PATCHING CONCRETE BRIDGE DECK - TYPE A (WT: 29)	SY	233.000
<b>Total 0007</b>		<b>STRUCTURE REPAIR (JEF-22-1230L, SFN 4104080)</b>		
<b>Section 0008</b>		<b>STRUCTURE REPAIR (JEF-22-1230R, SFN 4104099)</b>		
0036	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	188.000
0037	519E12200	PATCHING CONCRETE BRIDGE DECK - TYPE A (WT: 29)	SY	188.000
<b>Total 0008</b>		<b>STRUCTURE REPAIR (JEF-22-1230R, SFN 4104099)</b>		
<b>Section 0009</b>		<b>STRUCTURE REPAIR (JEF-7-1483, SFN 4104315)</b>		
0038	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	94.000
0039	519E12200	PATCHING CONCRETE BRIDGE DECK - TYPE A (WT: 29)	SY	94.000
<b>Total 0009</b>		<b>STRUCTURE REPAIR (JEF-7-1483, SFN 4104315)</b>		
<b>Section 0010</b>		<b>STRUCTURE REPAIR (JEF-7-1496, SFN 4104382)</b>		
0040	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	288.000
0041	519E12200	PATCHING CONCRETE BRIDGE DECK - TYPE A (WT: 29)	SY	288.000
<b>Total 0010</b>		<b>STRUCTURE REPAIR (JEF-7-1496, SFN 4104382)</b>		
<b>Section 0011</b>		<b>INCIDENTALS</b>		
0042	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0043	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0044	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0045	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0046	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0011</b>		<b>INCIDENTALS</b>		

Project Number: 200522

PID: 102928

Lucas

US 24-13.12

E180(769)

DBE Goal: 10.0%

Date Set for Completion: 6/30/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING LUC-24-13.12 IN LUCAS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REHABILITATING BRIDGE NO. LUC-24-1312, BY REPLACING THE CONCRETE DECK, CONVERTING THE ABUTMENTS TO SEMI INTEGRAL, REPLACING BEARINGS AND PERFORMING OTHER RELATED REPAIRS, (SPANS: 90'-3", 112'; ROADWAY: 54'-6" TOE/TOE OF PARAPET), FALLEN TIMBERS LN OVER US 24.

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	2,172.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	798.000
0004	203E10000	EXCAVATION (WT: 06)	CY	136.000
0005	203E20000	EMBANKMENT (WT: 06)	CY	877.000
0006	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	2,786.000
0007	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0008	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	562.500
0009	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	2.000
0010	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	2.000
0011	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	2.000
0012	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	2.000
0013	622E25000	CONCRETE BARRIER END SECTION, TYPE D (WT: 38)	EACH	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		

0014	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	4.000
0015	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	170.000
0016	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0017	659E00300	TOPSOIL (WT: 46)	CY	845.000
0018	659E10000	SEEDING AND MULCHING (WT: 46)	SY	7,610.000
0019	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	381.000
0020	659E15000	INTER-SEEDING (WT: 46)	SY	381.000
0021	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.070
0022	659E31000	LIME (WT: 46)	ACRE	1.580
0023	659E35000	WATER (WT: 46)	MGAL	44.000
0024	832E30000	EROSION CONTROL (WT: 08)	EACH	17,500.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0025	605E11110	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	42.000
0026	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	200.000
0027	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	697.000
0028	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	133.000
0029	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	124.000
0030	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	11.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0031	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	634.000
0032	304E20000	AGGREGATE BASE (WT: 09)	CY	588.000
0033	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	967.000
0034	442E00200	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (446) (WT: 10)	CY	263.000
0035	609E24510	CURB, TYPE 4-C (WT: 38)	FT	36.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0036	626E00102	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	1.000



0037	626E00116	BARRIER REFLECTOR, TYPE 5 (BIDIRECTIONAL) (WT: NR)	EACH	12.000
0038	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	14.000
0039	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	9.000
0040	646E10000	EDGE LINE, 4" (WT: 45)	MILE	0.290
0041	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.020
0042	646E10100	LANE LINE, 4" (WT: 45)	MILE	0.030
0043	646E10200	CENTER LINE (WT: 45)	MILE	2.750
0044	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	571.000
0045	646E10400	STOP LINE, 24" (WT: 45)	FT	65.000
0046	646E10600	TRANSVERSE/DIAGONAL LINE, 24" (WT: 45)	FT	50.000
0047	646E10620	CHEVRON MARKING, 24" (WT: 45)	FT	43.000
0048	646E20300	LANE ARROW, 72" (WT: 45)	EACH	13.000
0049	646E20500	DOTTED LINE (WT: 45)	FT	160.000
0050	646E20506	DOTTED LINE, 8" (WT: 45)	FT	205.000
0051	646E50200	REMOVAL OF PAVEMENT MARKING (WT: 45)	SF	56.000
Total 0005		TRAFFIC CONTROL		
Section 0006	TRAFFIC SURVEILLANCE			
0052	625E25504	CONDUIT, 3", 725.051 (WT: 44)	FT	165.000
0053	625E25750	CONDUIT, 4", MULTICELL, 725.20 , EPC-40 (WT: 44)	FT	165.000
0054	625E29000	TRENCH (WT: 44)	FT	170.000
0055	625E30700	PULL BOX, 725.08, 18" (WT: 44)	EACH	1.000
0056	625E30710	PULL BOX, 725.08, 32" (WT: 44)	EACH	1.000
0057	625E31506	PULL BOX REMOVED AND REPLACED (WT: 44)	EACH	2.000
0058	625E31510	PULL BOX REMOVED (WT: 44)	EACH	2.000
0059	625E32000	GROUND ROD (WT: 44)	EACH	1.000
0060	632E69310	POWER CABLE, 1 CONDUCTOR, NO. 2 AWG (WT: 44)	FT	660.000
0061	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	1.000
0062	809E65990	ITS DEVICE, MISC.: RELOCATION OF CCTV CONCRETE POLE (WT: 44)	EACH	1.000
0063	809E65990	ITS DEVICE, MISC.: REMOVAL OF CCTV INSTALLATION (WT: 44)	EACH	1.000
0064	809E70000	MAINTAINING ITS DURING CONSTRUCTION (WT: 44)	LS	1.000
Total 0006		TRAFFIC SURVEILLANCE		
Section 0007	MAINTENANCE OF TRAFFIC			

0065	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	80.000
0066	614E12336	WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL) (WT: 39)	EACH	4.000
0067	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0068	614E13310	BARRIER REFLECTOR, TYPE 1 (1WAY) (WT: NR)	EACH	29.000
0069	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	29.000
0070	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	12.000
0071	616E10000	WATER (WT: NR)	MGAL	10.000
0072	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	1,150.000

**Total 0007 MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0008</b>	<b>STRUCTURE OVER 20 FOOT SPAN (LUC-24-1312)</b>		
0073	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0074	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	363.000
0075	202E23500	WEARING COURSE REMOVED (3" +/- THICK) (WT: NR)	SY	1,615.000
0076	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0077	503E21101	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 21)	CY	670.000
0078	509E10001	EPOXY COATED REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	149,552.000
0079	509E30020	NO. 4 GFRP DEFORMED BARS (WT: 23)	FT	702.000
0080	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 21)	EACH	1,020.000
0081	511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 21)	EACH	2.000
0082	511E34447	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN (WT: 21)	CY	425.000
0083	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	78.000
0084	511E43212	CLASS QC1 CONCRETE WITH QC/QA, PIER (WT: 21)	CY	21.000
0085	511E45712	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT (WT: 21)	CY	178.000
0086	512E10050	SEALING OF CONCRETE SURFACES (NON- EPOXY) (WT: 57)	SY	535.000
0087	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	565.000

0088	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	19.000
0089	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	77.000
0090	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	232.000
0091	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	3,570.000
0092	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	20.000
0093	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	284.000
0094	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 21)	FT	142.000
0095	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, 15"X15"X2 15/16" (WT: 21)	EACH	14.000
0096	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, 19"X18"X3 7/8" (WT: 21)	EACH	7.000
0097	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 21)	LS	1.000
0098	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	226.000
0099	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	28.000
0100	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	31.000
0101	526E30010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17") (WT: 29)	SY	386.000
0102	526E90010	TYPE A INSTALLATION (WT: 29)	FT	112.000
0103	530E13000	SPECIAL - FORM LINER (WT: 21)	SF	1,867.000
0104	601E20001	CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN (WT: 35)	SY	287.000
0105	607E39900	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC (WT: 37)	FT	400.000
0106	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	47.000

**Total 0008      STRUCTURE OVER 20 FOOT SPAN (LUC-24-1312)**

<b>Section 0009</b>	<b>INCIDENTALS</b>			
0107	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0108	108E30000	CPM PROGRESS SCHEDULE SHORT DURATION PROJECTS (WT: NR)	LS	1.000

0109	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0110	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0111	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0009</b>		<b>INCIDENTALS</b>		

**Project Number: 200523**

**PID: 107173**

**Noble**

SR 147-13.41

E190(127)

DBE Goal: 8.0%

Date Set for Completion: 7/1/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING SR 147 IN BEAVER TOWNSHIP, OF NOBLE COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING CONCRETE DECKS BY OVERLAYING WITH A LATEX MODIFIED CONCRETE AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	603.000
0002	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	750.000
0003	606E25550	ANCHOR ASSEMBLY, MGS TYPE A (WT: 36)	EACH	2.000
0004	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0005	606E35140	BRIDGE TERMINAL ASSEMBLY, TYPE 4 (WT: 36)	EACH	4.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>PAVEMENT</b>		
0006	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	31.000
0007	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	10.000
<b>Total</b>	<b>0002</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		
0008	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	11.000
0009	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	12.000
0010	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	7.000
0011	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000

0012	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0013	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.270
0014	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.140
<b>Total 0003</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0004</b>	<b>MAINTENANCE OF TRAFFIC</b>			
0015	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	4.000
0016	614E12740	WORK ZONE LIGHTING SYSTEM (WT: 39)	EACH	1.000
0017	614E13310	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	28.000
0018	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	28.000
0019	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	0.370
0020	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	20.000
0021	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: NR)	LS	1.000
0022	615E25001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B, AS PER PLAN (WT: 10)	SY	167.000
0023	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	630.000
<b>Total 0004</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0005</b>	<b>STRUCTURE OVER 20 FOOT SPAN (NOB-147-1341)</b>			
0024	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	100.000
0025	516E31250	SPECIAL - SAWING AND SEALING CONCRETE JOINTS (WT: 29)	FT	64.000
0026	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 29)	FT	161.000
0027	847E10100	LATEX MODIFIED CONCRETE OVERLAY (1 1/4") THICK (WT: 29)	SY	567.000
0028	847E20100	LATEX MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY (WT: 29)	CY	17.000
0029	847E30000	TEST SLAB (WT: 29)	LS	1.000
0030	847E30200	FULL DEPTH REPAIR (WT: 29)	CY	17.000
0031	847E50000	HAND CHIPPING (WT: 29)	SY	86.000
<b>Total 0005</b>		<b>STRUCTURE OVER 20 FOOT SPAN (NOB-147-1341)</b>		
<b>Section 0006</b>	<b>INCIDENTALS</b>			
0032	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0033	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0034	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0006      INCIDENTALS**

Project Number: 200524

PID: 91767

Noble

SR 215-00.00

E161(514)

DBE Goal: 5%

Date Set for Completion: 7/15/2021

Type: MICROSURFACING

Plan Cost: N/A

FOR IMPROVING SR 215 IN NOBLE AND CENTER TOWNSHIPS, OF NOBLE COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MICROSURFACING AN EXISTING ROUTE AND RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>PAVEMENT</b>		
0001	421E10010	MICROSURFACING, SURFACE COURSE (WT: 11)	SY	70,319.000
<b>Total</b>	<b>0001</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
0002	621E00100	RPM (WT: 41)	EACH	375.000
0003	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	375.000
0004	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	9.220
0005	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	4.610
0006	642E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	12.000
0007	642E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	13.830
0008	644E00500	STOP LINE (WT: 45)	FT	12.000
<b>Total</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0009	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	61.000
0010	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	9.220
0011	614E21400	WORK ZONE CENTER LINE, CLASS II (WT: 39)	MILE	9.220
<b>Total</b>	<b>0003</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0004</b>	<b>INCIDENTALS</b>		



0012	103E06000	PREMIUM FOR CONTRACT PERFORMANCE BOND, PAYMENT BOND AND MAINTENANCE BOND (WT: NR)	LS	1.000
0013	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0014	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0015	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0004</b>		<b>INCIDENTALS</b>		

**Project Number: 200525**

**PID: 100622**

**Preble**

SR 732-09.46

E150(961)

DBE Goal: 6%

Date Set for Completion: 10/1/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING A SECTION OF SR-732 JUST SOUTH OF THE CITY OF EATON, OF PREBLE COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLANING AND RESURFACING 6 MILES OF THE STATE ROUTE, INCLUDING ALL RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,063.000
0002	202E42001	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN (WT: NR)	EACH	10.000
0003	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	825.000
0004	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, (NCHRP 350 OR MASH 2016) (WT: 36)	EACH	10.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>PAVEMENT</b>		
0005	253E02000	PAVEMENT REPAIR (WT: 16)	CY	300.000
0006	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	88,692.000
0007	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	888.000
0008	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	7,983.000
0009	441E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	2,973.000
0010	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	3,696.000
0012	617E10100	COMPACTED AGGREGATE, TYPE A, 1.5" (WT: 06)	CY	295.000
0013	617E20000	SHOULDER PREPARATION (WT: 06)	SY	7,075.000
0100	617E25000	WATER (WT: NR)	MGAL	6.000
<b>Total</b>	<b>0002</b>	<b>PAVEMENT</b>		

<b>Section 0003</b>		<b>TRAFFIC CONTROL</b>		
0015	621E00100	RPM (WT: 41)	EACH	633.000
0016	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	633.000
0017	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	14.000
0018	644E00104	EDGE LINE, 6" (WT: 45)	MILE	11.820
0019	644E00300	CENTER LINE (WT: 45)	MILE	6.030
0020	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	209.000
0021	644E00500	STOP LINE (WT: 45)	FT	10.000
0022	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	171.000
0023	644E01300	LANE ARROW (WT: 45)	EACH	3.000
<b>Total 0003</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0004</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0024	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	6.030
0025	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	11.820
0026	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	209.000
0027	614E25620	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS III, 642 PAINT (WT: 39)	FT	171.000
0028	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	10.000
0029	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	3.000
<b>Total 0004</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0005</b>		<b>INCIDENTALS</b>		
0030	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0031	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0032	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0033	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0005</b>		<b>INCIDENTALS</b>		

**Project Number: 200526**

**PID: 101329**

**Sandusky**

SR 19-00.24 Bridge Repl.

E160(682)

DBE Goal: 7%

Date Set for Completion: 6/1/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING A SECTION IN THE VILLAGE OF GREEN SPRINGS, IN SANDUSKY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING AN EXISTING CULVERT, RELOCATING A SANITARY SEWER AND WATER MAIN, AND PERFORMING ALL RELATED ROADWAY WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	321.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	930.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	230.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	484.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	87.500
0007	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	2.000
0008	202E58000	MANHOLE REMOVED (WT: NR)	EACH	3.000
0009	202E58300	CATCH BASIN OR INLET REMOVED (WT: NR)	EACH	2.000
0010	202E75000	FENCE REMOVED (WT: NR)	FT	202.000
0011	203E10000	EXCAVATION (WT: 06)	CY	141.000
0012	203E20000	EMBANKMENT (WT: 06)	CY	1,027.000
0013	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	9.000
0014	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	150.000
0015	606E26150	ANCHOR ASSEMBLY, MGS TYPE E - MASH 2016 (WT: 36)	EACH	2.000
0016	607E20000	FENCE, TYPE CL (WT: 37)	FT	110.000
0017	608E10000	4" CONCRETE WALK (INCLUDES 10' SHARED USE PATH) (WT: 38)	SF	1,462.000

0018	609E26000	CURB, TYPE 6 (WT: 38)	FT	220.000
0019	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	2.000
0020	626E00116	BARRIER REFLECTOR, TYPE 5 - BIDIRECTIONAL (WT: NR)	EACH	4.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0021	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	1.000
0022	659E00300	TOPSOIL (3" THICKNESS) (WT: 46)	CY	149.000
0023	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,821.000
0024	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	90.000
0025	659E15000	INTER-SEEDING (WT: 46)	SY	90.000
0026	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.180
0027	659E31000	LIME (WT: 46)	ACRE	0.380
0028	659E35000	WATER (WT: 46)	MGAL	10.000
0029	659E40000	MOWING (WT: 46)	MSF	4.000
0030	832E30000	EROSION CONTROL (WT: 08)	EACH	16,916.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0031	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.250
0032	605E11100	6" SHALLOW PIPE UNDERDRAINS (WT: 35)	FT	374.000
0033	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	50.000
0034	611E01100	6" CONDUIT, TYPE C (WT: 35)	FT	50.000
0035	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	50.000
0036	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	50.000
0037	611E01800	8" CONDUIT, TYPE B (WT: 35)	FT	50.000
0038	611E02000	8" CONDUIT, TYPE C (WT: 35)	FT	78.000
0039	611E05900	15" CONDUIT, TYPE B (RCP 706.02, CLASS III) (WT: 35)	FT	25.000
0040	611E06100	15" CONDUIT, TYPE C (RCP 706.02 CLASS III) (WT: 35)	FT	88.000
0041	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	2.000
0042	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0043	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0044	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	108.000

0045	304E20000	AGGREGATE BASE (WT: 09)	CY	53.000
0046	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	39.000
0047	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	14.000
0048	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	14.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>WATER WORK</b>		
0049	511E53010	CLASS QC1 CONCRETE, MISC.: (CONCRETE VALVE SUPPORTS, AND BLOCKING) (WT: 35)	CY	14.000
0050	638E00704	6" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 53, MECHANICAL JOINTS AND FITTINGS (WT: 35)	FT	7.000
0051	638E01304	8" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 53, MECHANICAL JOINTS AND FITTINGS (WT: 35)	FT	202.000
0052	638E06200	POLYETHYLENE ENCASMENT (WT: 35)	FT	209.000
0053	638E07900	8" GATE VALVE AND VALVE BOX (WT: 35)	EACH	2.000
0054	638E09300	6" X 6" TAPPING SLEEVE, VALVE AND VALVE BOX (WT: 35)	EACH	1.000
0055	638E09400	8" X 8" TAPPING SLEEVE, VALVE AND VALVE BOX (WT: 35)	EACH	1.000
0100	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	325.000
<b>Total 0005</b>		<b>WATER WORK</b>		
<b>Section</b>	<b>0006</b>	<b>SANITARY SEWER</b>		
0056	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	825.000
0057	511E53010	CLASS QC1 CONCRETE, MISC.: (CONCRETE PIPE SUPPORTS AND CONCRETE ENCASMENT) (WT: 35)	CY	6.000
0058	611E03100	10" CONDUIT, TYPE B (DIP, 748.01) (WT: 35)	FT	112.000
0059	611E03300	10" CONDUIT, TYPE C (DIP, 748.01) (WT: 35)	FT	78.000
0060	611E99575	MANHOLE, NO. 3, AS PER PLAN (INCLUDES BYPASS PUMPING) (WT: 35)	EACH	3.000
<b>Total 0006</b>		<b>SANITARY SEWER</b>		
<b>Section</b>	<b>0007</b>	<b>TRAFFIC CONTROL</b>		
0061	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	12.500
0062	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	1.000
0063	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000

0101	631E93250	SCHOOL SPEED LIMIT SIGN ASSEMBLY, MISC.: REMOVAL, STORAGE AND REINSTALLATION (WT: 43)	EACH	1.000
<b>Total 0007</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0008</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0064	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	50.000
<b>Total 0008</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0009</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (SAN-19-0.24)</b>		
0065	202E11000	STRUCTURE REMOVED (WT: NR)	LS	1.000
0066	202E98000	REMOVAL MISC.:(PORTIONS OF EX. RETAININGWALL) (WT: NR)	LS	1.000
0067	203E35120	GRANULAR MATERIAL, TYPE C (WT: 35)	CY	129.000
0068	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0069	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0070	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	6,458.000
0071	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 35)	EACH	28.000
0072	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	21.000
0073	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	54.000
0074	512E10050	SEALING OF CONCRETE SURFACES (NON- EPOXY) (WT: 57)	SY	57.000
0075	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	390.000
0076	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	38.000
0077	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (TYPE A) (WT: 35)	CY	18.000
0078	601E11000	RIPRAP, TYPE D (WT: 35)	SY	26.000
0079	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	208.000
0080	601E34100	ROCK CHANNEL PROTECTION, TYPE B WITHOUT FILTER (WT: 35)	CY	4.000
0081	611E95801	12' X 6' CONDUIT, TYPE A, 706.05, AS PER PLAN (WT: 35)	FT	108.000
0082	613E41250	LOW STRENGTH MORTAR BACKFILL (TYPE 1) (WT: NR)	CY	440.000
<b>Total 0009</b>		<b>STRUCTURE 20 FOOT SPAN AND UNDER (SAN-19-0.24)</b>		

Section 0010		INCIDENTALS		
0083	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0084	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0085	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0086	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0010		INCIDENTALS		



**Project Number: 200527**

**PID: 109917**

**Scioto**

US 23-05.49 Safety

E191(246)

DBE Goal: 7.0%

Date Set for Completion: 10/31/2021

Type: RELOCATION

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN CLAY TOWNSHIP, SCIOTO COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REALIGNING FEURT HILL ROAD, CONSTRUCTING THE INTERSECTION WITH U.S. 23 WITH THE NEW ALIGNMENT, AND RELATED WORK**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	201E21800	TREE REMOVED, 18" (WT: NR)	EACH	14.000
0003	202E20010	HEADWALL REMOVED (WT: NR)	EACH	3.000
0004	202E23000	PAVEMENT REMOVED (WT: NR)	SY	1,693.000
0005	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	169.000
0006	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	197.000
0007	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	260.000
0008	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	1.000
0009	203E10000	EXCAVATION (WT: 06)	CY	2,479.000
0010	203E20000	EMBANKMENT (WT: 06)	CY	2,459.000
0011	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	2,522.000
0012	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	188.000
0013	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	350.000
0014	606E25000	ANCHOR ASSEMBLY, TYPE A (WT: 36)	EACH	1.000
0015	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	670.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0016	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	5.000

0017	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	17.000
0018	659E00300	TOPSOIL (WT: 46)	CY	783.200
0019	659E10000	SEEDING AND MULCHING (WT: 46)	SY	6,515.000
0020	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	325.800
0021	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.880
0022	659E31000	LIME (WT: 46)	ACRE	0.150
0023	659E35000	WATER (WT: 46)	MGAL	35.200
0024	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	434.000
0025	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	90.000
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	21,203.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0030	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.930
0031	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	1,160.000
0032	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	45.000
0033	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	50.000
0034	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	50.000
0035	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	50.000
0036	611E04400	12" CONDUIT, TYPE B, 706.01, 706.02, 707.34, 707.35, 707.42, 707.43, 707.45, (WT: 35)	FT	98.000
0037	611E04400	12" CONDUIT, TYPE B, 706.02 (WT: 35)	FT	22.000
0038	611E05700	15" CONDUIT, TYPE A, 706.01, 706.02; 18" 707.01, 707.04, 707.05 (WT: 35)	FT	111.000
0039	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	1.000
0040	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0041	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0042	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	472.000
0043	304E20000	AGGREGATE BASE (WT: 09)	CY	428.000

0044	407E10000	TACK COAT (WT: 10)	GAL	330.000
0045	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	82.000
0046	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	115.000
0047	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	137.000

**Total 0004 PAVEMENT**

**Section 0005 TRAFFIC CONTROL**

0048	620E60000	DELINEATOR, POST SURFACE MOUNTED (WT: NR)	EACH	106.000
0049	626E00110	BARRIER REFLECTOR, TYPE 2, 1 WAY (WT: NR)	EACH	11.000
0050	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	70.000
0051	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	1.000
0052	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	43.000
0053	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	11.000
0054	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	7.000
0055	644E00100	EDGE LINE, 4" (WT: 45)	MILE	1.000
0056	644E00300	CENTER LINE (WT: 45)	MILE	0.110
0057	644E00500	STOP LINE (WT: 45)	FT	23.000
0058	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	850.000

**Total 0005 TRAFFIC CONTROL**

**Section 0006 MAINTENANCE OF TRAFFIC**

0059	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	80.000
0060	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	4.000
0061	614E13310	BARRIER REFLECTOR, TYPE 1, 1 WAY (WT: NR)	EACH	12.000
0062	614E13310	BARRIER REFLECTOR, TYPE 1, BI- DIRECTIONAL (WT: NR)	EACH	3.000
0063	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	12.000
0064	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	3.000
0065	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	1.000
0066	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	1.000

0067	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	1.000
0068	614E22200	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	MILE	1.000
0069	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	38.000
0070	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	157.000
0071	616E10000	WATER (WT: NR)	MGAL	11.500
Total 0006		MAINTENANCE OF TRAFFIC		
Section	0007	INCIDENTALS		
0072	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0073	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0074	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0075	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	4.000
0076	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0077	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		

Project Number: 200528

PID: 102351

Stark

SR MCRO FY2021(B)

E170(125)

DBE Goal: 5.0%

Date Set for Completion: 7/31/2021

Type: MICROSURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGES OF BREWSTER, HARTVILLE, MAGNOLIA, AND MINERVA, AND CANTON, LAKE, MARLBORO, PARIS, SANDY, SUGAR CREEK, AND TUSCAWARAS TOWNSHIPS, WITHIN STARK COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PLACING ONE MICROSURFACE COURSE ONTO THE EXISTING SPECIFIED ROUTES, INCLUDING ALL RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	17.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0002	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0003	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	3.000
0004	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	8.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0005	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	500.000
0006	421E10010	MICROSURFACING, SURFACE COURSE (WT: 11)	SY	187,879.000
<b>Total</b>	<b>0004</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>WATER WORK</b>		

0007	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	11.000
<b>Total 0005</b>		<b>WATER WORK</b>		
<b>Section</b>	<b>0006</b>	<b>TRAFFIC CONTROL</b>		
0008	621E00100	RPM (WT: 41)	EACH	725.000
0009	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	589.000
0010	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	154.000
0011	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	3.000
0012	644E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	21.310
0013	646E10010	EDGE LINE, 6" (WT: 45)	MILE	18.090
0014	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.840
0015	646E10200	CENTER LINE (WT: 45)	MILE	9.910
0016	646E10400	STOP LINE (WT: 45)	FT	114.000
0017	646E10500	CROSSWALK LINE (WT: 45)	FT	40.000
0018	646E20000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	2.000
0019	646E20300	LANE ARROW (WT: 45)	EACH	1.000
0020	646E20350	LANE REDUCTION ARROW (WT: 45)	EACH	6.000
0021	646E20504	DOTTED LINE, 6" (WT: 45)	FT	995.000
0022	646E50000	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	3.000
0023	646E50100	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	995.000
0024	646E50300	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	7.530
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0007</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0025	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	40.000
0026	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	44.000
0027	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000
0028	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	3.000
0029	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	1.680
0030	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	19.820
0031	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	228.000
<b>Total 0007</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0008</b>	<b>INCIDENTALS</b>		

0032	103E06000	PREMIUM FOR CONTRACT PERFORMANCE BOND, PAYMENT BOND AND MAINTENANCE BOND (WT: NR)	LS	1.000
0033	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0034	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0035	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0036	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008</b>		<b>INCIDENTALS</b>		

**Project Number: 200529**

**PID: 100187**

**Warren**

Franklin Signals Phase 2

E160(304)

DBE Goal: 5.0%

Date Set for Completion: 10/1/2021

Type: SIGNALIZATION

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN WARREN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY TRAFFIC SIGNAL SYSTEM INSTALLATIONS AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section 0001</b>	<b>ROADWAY</b>			
0001	202E23000	PAVEMENT REMOVED (WT: NR)	SY	5.000
0002	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	5.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	1,909.000
0004	202E30001	WALK REMOVED, AS PER PLAN (WT: NR)	SF	155.000
0005	202E32000	CURB REMOVED (WT: NR)	FT	16.000
0006	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	286.000
0007	608E12000	5" CONCRETE WALK (WT: 38)	SF	1,945.000
0008	608E52000	CURB RAMP (WT: 38)	SF	995.000
<b>Total 0001</b>	<b>ROADWAY</b>			
<b>Section 0002</b>	<b>PAVEMENT</b>			
0009	253E02001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	CY	35.000
0010	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	5.000
0011	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	135.000
0012	609E26000	CURB, TYPE 6 (WT: 38)	FT	16.000
<b>Total 0002</b>	<b>PAVEMENT</b>			
<b>Section 0003</b>	<b>TRAFFIC SIGNALS</b>			
0013	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	6.000



0014	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	6.000
0015	625E23304	NO. 8 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	2,250.000
0016	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	1,822.000
0017	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	1,153.000
0018	625E25600	CONDUIT, 4", 725.04 (WT: 43)	FT	694.000
0019	625E25604	CONDUIT, 4", 725.051 (WT: 43)	FT	214.000
0020	625E25900	CONDUIT, JACKED OR DRILLED, 2", 725.052 (WT: 43)	FT	91.000
0021	625E29002	TRENCH, 24" DEEP (WT: 43)	FT	1,244.000
0022	625E29500	TRENCH IN PAVED AREA, TYPE A (WT: 43)	FT	86.000
0023	625E29601	TRENCH IN PAVED AREA, TYPE B, AS PER PLAN (WT: 43)	FT	545.000
0024	625E30530	PULL BOX, 725.06, SIZE 18 (WT: 43)	EACH	12.000
0025	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	11.000
0026	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	1.000
0027	625E32000	GROUND ROD (WT: 43)	EACH	15.000
0028	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	42.000
0029	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	EACH	21.000
0030	630E83000	COVERING OF SIGN (WT: 42)	SF	166.000
0031	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0032	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	3.000
0033	631E88000	PHOTOELECTRIC CONTROL (WT: 43)	EACH	3.000
0034	631E90501	INTERNALLY ILLUMINATED FIXED MESSAGE SIGN, AS PER PLAN, 24"X24", 1-WAY, LED (WT: 43)	EACH	1.000
0035	631E90501	INTERNALLY ILLUMINATED FIXED MESSAGE SIGN, AS PER PLAN, 30"X36", 1-WAY, LED (WT: 43)	EACH	8.000
0036	631E90501	INTERNALLY ILLUMINATED FIXED MESSAGE SIGN, AS PER PLAN, 72"X18", 1-WAY, LED (WT: 43)	EACH	4.000
0037	631E90501	INTERNALLY ILLUMINATED FIXED MESSAGE SIGN, AS PER PLAN, 74"X18", 1-WAY, LED (WT: 43)	EACH	6.000

0038	631E90501	INTERNALLY ILLUMINATED FIXED MESSAGE SIGN, AS PER PLAN, 78"X18", 1-WAY, LED (WT: 43)	EACH	2.000
0039	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (BLACK WITH BACKPLATES) (WT: 44)	EACH	22.000
0040	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (BLACK WITH BACKPLATES) (WT: 44)	EACH	2.000
0041	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	24.000
0042	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	24.000
0043	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	24.000
0044	632E26001	PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	12.000
0045	632E40300	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	245.000
0046	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	3,790.000
0047	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	2,095.000
0048	632E62820	INTERCONNECT, MISC.: MANAGED GIGABIT ETHERNET NETWORK SWITCH (WT: 44)	EACH	1.000
0049	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	6.000
0050	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	6.000
0051	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	199.000
0052	632E68300	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	105.000
0053	632E69800	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	223.000
0054	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	3.000
0055	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	1.000
0056	632E75133	SIGNAL SUPPORT, TYPE TC-12.30 DESIGN 5 POLE, WITH MAST ARMS TC-81.21 DESIGN 11 AND DESIGN 4, AS PER PLAN (WT: 44)	EACH	1.000
0057	632E75153	SIGNAL SUPPORT, TYPE TC-12.30 DESIGN 5 POLE, WITH MAST ARMS TC-81.21 DESIGN 12 AND DESIGN 2, AS PER PLAN (WT: 44)	EACH	1.000

0058	632E75411	SIGNAL SUPPORT, TYPE TC-12.30 DESIGN 8 POLE, WITH MAST ARMS TC-81.21 DESIGN 13 AND DESIGN 11, AS PER PLAN (WT: 44)	EACH	1.000
0059	632E75455	SIGNAL SUPPORT, TYPE TC-12.30 DESIGN 9 POLE, WITH MAST ARMS TC-81.21 DESIGN 13 AND DESIGN 13, AS PER PLAN (WT: 44)	EACH	1.000
0060	632E75481	SIGNAL SUPPORT, TYPE TC-12.30 DESIGN 10 POLE, WITH MAST ARMS TC-81.21 DESIGN 14 AND DESIGN 11, AS PER PLAN (WT: 44)	EACH	2.000
0061	632E77233	SIGNAL SUPPORT, MECHANICAL DAMPER FOR TC-81.21 MAST ARM (GREATER THAN 39' IN LENGTH), AS PER PLAN (WT: 44)	EACH	10.000
0062	632E89901	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (WT: 44)	EACH	6.000
0063	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	3.000
0064	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	3.000
0065	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	3.000
0066	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	3.000
0067	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	3.000
0068	804E20056	FIBER OPTIC CABLE, ARMORED, 60 FIBER (WT: 55)	FT	1,369.000
0069	804E30011	FAN-OUT KIT, 12 FIBER, AS PER PLAN (WT: 55)	EACH	3.000
0070	804E32011	DROP CABLE, 12 FIBER, AS PER PLAN (WT: 55)	EACH	3.000
0071	804E34013	FIBER TERMINATION PANEL, 12 FIBER, AS PER PLAN (WT: 55)	EACH	3.000
0072	804E37001	SPLICE ENCLOSURE, AS PER PLAN (WT: 55)	EACH	3.000
0073	804E37701	FIBER OPTIC CABLE TESTING, AS PER PLAN (WT: 55)	LS	1.000
0074	804E38101	FIBER OPTIC CABLE MEDIA CONVERTER, ETHERNET, AS PER PLAN (WT: 55)	EACH	3.000
0075	804E98000	FIBER OPTIC CABLE, MISC.: SLACK INSTALLATION (WT: 55)	FT	1,350.000
0076	809E60001	CCTV IP-CAMERA SYSTEM, DOME-TYPE, AS PER PLAN (WT: 44)	EACH	3.000
0077	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	12.000
0078	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	3.000

**Total 0003      TRAFFIC SIGNALS**

<b>Section 0004</b>		<b>TRAFFIC SIGNALS ALTERNATES</b>			
0079	AA1	809E66030	TRAFFIC SIGNAL SYSTEM WITH EMERGENCY VEHICLE PRE-EMPTION (WT: 44)	EACH	3.000
0080	AA2	809E66030	TRAFFIC SIGNAL SYSTEM WITH EMERGENCY VEHICLE PRE-EMPTION (SONEM 2000) (WT: 44)	EACH	3.000
<b>Total 0004</b>		<b>TRAFFIC SIGNALS ALTERNATES</b>			
<b>Section 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>			
0081		614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	20.000
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>			
<b>Section 0006</b>		<b>INCIDENTALS</b>			
0082		103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0083		614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0084		623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0085		624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0006</b>		<b>INCIDENTALS</b>			

**Project Number: 200530**

**PID: 111929**

**Washington**

IR 77-06.63

E200(533)

DBE Goal: 7.0%

Date Set for Completion: 8/1/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING IR 77 IN AURELIUS, MUSKINGUM AND SALEM TOWNSHIPS, OF WASHINGTON COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING AN EXISTING ROUTE AND RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	2,800.000
0002	606E16600	GUARDRAIL REBUILT, BARRIER DESIGN, TYPE 5 (WT: 36)	FT	437.500
0003	606E17000	RAISING TYPE 5 GUARDRAIL (WT: 36)	FT	12,350.000
0004	606E17700	REPLACE EXISTING GUARDRAIL BLOCKOUT (WT: 36)	EACH	1,979.000
0005	606E27840	ANCHOR ASSEMBLY REBUILT, TYPE B (WT: 36)	EACH	1.000
0006	606E27850	ANCHOR ASSEMBLY REBUILT, TYPE E (WT: 36)	EACH	4.000
0007	606E27900	ANCHOR ASSEMBLY REBUILT, TYPE T (WT: 36)	EACH	13.000
0008	606E60070	IMPACT ATTENUATOR REBUILT, TYPE 1 (BIDIRECTIONAL), AS PER PLAN (WT: 36)	EACH	2.000
0009	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	159.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>PAVEMENT</b>		
0010	252E01000	FULL DEPTH RIGID PAVEMENT REMOVAL AND FLEXIBLE REPLACEMENT (WT: 16)	SY	760.000
0011	254E01010	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE, 1.5" (WT: 13)	SY	2,744.000

0012	255E10010	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1 (WT: 17)	SY	3,692.000
0013	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	28,690.000
0014	256E10000	BONDED PATCHING OF PORTLAND CEMENT CONCRETE PAVEMENT, TYPE A (WT: 17)	SF	60.000
0015	257E10000	DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT (WT: 13)	SY	17,741.000
0016	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	11,560.000
0017	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	7,229.000
0018	408E10000	PRIME COAT (WT: 10)	GAL	10,025.000
0019	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	340.000
0020	441E50700	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL) (WT: 10)	CY	388.000
0021	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	7,027.000
0022	442E10300	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447) (WT: 10)	CY	6,024.000
0023	451E30000	SPECIAL - PRESSURE RELIEF JOINT, TYPE A (WT: 12)	FT	164.000
0024	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	2,800.000
0025	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	1,131.000
0026	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	12.800

**Total 0002 PAVEMENT**

**Section 0003 TRAFFIC CONTROL**

0027	621E00100	RPM (WT: 41)	EACH	433.000
0028	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	433.000
0029	807E14010	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	13.120
0030	807E14110	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	6.560
0031	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	19.680

**Total 0003 TRAFFIC CONTROL**

**Section 0004 MAINTENANCE OF TRAFFIC**

0032	614E12410	SPEED ZONE AHEAD SYMBOL SIGN (WT: 39)	EACH	2.000
0033	614E12490	RESUME LEGAL SPEED SIGN (WT: 39)	EACH	2.000

0034	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	13.120
0035	614E20510	WORK ZONE LANE LINE, CLASS II, 6", 642 PAINT (WT: 39)	MILE	13.120
0036	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	26.240
0037	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	0.400
0038	614E24402	WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	FT	910.000
0039	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	56.000

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**Total 0004      MAINTENANCE OF TRAFFIC**

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<b>Section 0005</b>	<b>INCIDENTALS</b>			
0040	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0041	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0042	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0043	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0005      INCIDENTALS**

**Project Number: 200531**

**PID: 95996**

**Williams**

SR 2-11.82 Bridge Paint

E150(454)

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Date Set for Completion: 8/31/2021

Type: BRIDGE PAINTING

Plan Cost: N/A

**FOR IMPROVING A SECTION IN SPRINGFIELD TOWNSHIP, WILLIAMS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PAINTING THE STRUCTURAL STEEL OF AN EXISTING BRIDGE AND PERFORMING ALL RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0001	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	EACH	1.000
0002	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0003	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	2.000
0004	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	2.000
0005	614E13310	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	9.000
0006	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	9.000
0007	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	2.000
0008	614E22200	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	MILE	0.050
0009	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	24.000
0010	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	400.000
<b>Total</b>	<b>0001</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0002</b>	<b>MISCELLANEOUS STRUCTURE (WIL-2-1182)</b>		
0011	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	10,267.000
0012	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	10,267.000



0013	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	10,267.000
0014	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	10,267.000
0015	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	12.000
0016	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	8.000

**Total 0002 MISCELLANEOUS STRUCTURE (WIL-2-1182)**

<b>Section 0003</b>	<b>INCIDENTALS</b>			
0017	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0018	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0019	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0003</b>	<b>INCIDENTALS</b>			

**Project Number: 200532**

**PID: 101078**

**D02**

HEN, LUC, OTT

PM FY2021

Date Set for Completion: 12/30/2021

Type: PAVEMENT MARKING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN FULTON, HENRY, LUCAS, OTTAWA, SANDUSKY, SENECA, WILLIAMS, AND WOOD COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY APPLYING PAVEMENT MARKINGS AND PERFORMING ALL RELATED WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section 0001</b>	<b>TRAFFIC CONTROL</b>			
0001	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	3,032.920
0002	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	499.220
0003	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	1,237.530
0004	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	168,150.000
0005	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	103,325.000
0006	642E01500	DOTTED LINE, 4", TYPE 1 (WT: 45)	FT	42,918.000
0007	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	80,297.000
0008	642E01522	DOTTED LINE, 8", TYPE 1 (WT: 45)	FT	1,060.000
0009	642E50000	PAVEMENT MARKING, MISC.:REPAINTING, TYPE 1 CENTER LINE (WT: 45)	MILE	60.000
0010	642E50000	PAVEMENT MARKING, MISC.:REPAINTING, TYPE 1 EDGE LINE (WT: 45)	MILE	125.000
0011	642E50000	PAVEMENT MARKING, MISC.:REPAINTING, TYPE 1 LANE LINE (WT: 45)	MILE	60.000
<b>Total 0001</b>	<b>TRAFFIC CONTROL</b>			
<b>Section 0002</b>	<b>MAINTENANCE OF TRAFFIC</b>			
0012	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	175.000
<b>Total 0002</b>	<b>MAINTENANCE OF TRAFFIC</b>			
<b>Section 0003</b>	<b>INCIDENTALS</b>			

0013	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0014	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0015	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0003</b>		<b>INCIDENTALS</b>		

**Project Number: 200533**

**PID: 101469**

**D03**

CRA, ERI, HUR

RPM FY2021

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Date Set for Completion: 10/31/2021

Type: RAISED PAVEMENT MARKERS

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS THROUGHOUT DISTRICT 3, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING RAISED PAVEMENT MARKERS AND RAISED PAVEMENT MARKER REFLECTORS ALONG VARIOUS ROUTES.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>TRAFFIC CONTROL</b>		
0001	621E00100	RPM (WT: 41)	EACH	1,500.000
0002	621E00300	RPM REFLECTOR (WT: 41)	EACH	32,958.000
0003	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,500.000
<b>Total</b>	<b>0001</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0002</b>	<b>INCIDENTALS</b>		
0004	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0005	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0006	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total</b>	<b>0002</b>	<b>INCIDENTALS</b>		

**Project Number: 200534**

**PID: 102853**

**Lawrence**

**US 52-06.82 & VAR.**

EDGE Goal: 7.0%

Date Set for Completion: 9/30/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING LAW-52-6.82/VAR. IN LAWRENCE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING VARIOUS REPAIRS ON 10 BRIDGES INCLUDING JOINT REPLACEMENT, SUBSTRUCTURE PATCHING, STRUCTURAL STEEL PAINTING, ASPHALT CONCRETE WATERPROOFING OF DECKS AND OTHER RELATED REPAIRS.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0002	616E10000	WATER (WT: NR)	MGAL	1.000
0003	832E30000	EROSION CONTROL (WT: 08)	EACH	1,500.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		
0004	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.940
0005	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	1.180
0006	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	280.000
0007	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	935.000
0008	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	54.000
0009	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	4.000
<b>Total</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0004</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0010	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, (1" DEEP) (WT: 13)	SY	830.000
0011	407E10000	TACK COAT (WT: 10)	GAL	71.000

0012	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	23.000
0013	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	200.000
0014	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0015	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	8.000
0016	614E13310	BARRIER REFLECTOR, TYPE 1, ONE WAY (WT: NR)	EACH	35.000
0017	614E13314	BARRIER REFLECTOR, TYPE 3, BIDIRECTIONAL (WT: NR)	EACH	28.000
0018	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	35.000
0019	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	28.000
0020	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000
0021	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	3.540
0022	614E24402	WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	FT	4,625.000
0023	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	73.000
0024	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	3,733.000
0025	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	8.000

**Total 0004      MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0005</b>	<b>STRUCTURE REPAIR (LAW-52-0682L)</b>		
0026	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0027	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	1,048.000
0028	511E71100	CONCRETE, MISC.: CLASS QC5 CONCRETE (WT: 29)	CY	2.000
0029	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	96.000
0030	516E31010	2" DEEP JOINT SEALER (WT: 29)	FT	93.000
0031	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	14.000
0032	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0033	518E12901	SCUPPER, LENGTHENING, AS PER PLAN (WT: 29)	EACH	12.000

0034	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	106.000
0035	844E10000	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION (WT: 29)	SF	300.000
0036	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	88.000
<b>Total 0005</b>		<b>STRUCTURE REPAIR (LAW-52-0682L)</b>		
<b>Section</b>	<b>0006</b>	<b>STRUCTURE REPAIR (LAW-52-0682R)</b>		
0037	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0038	511E71100	CONCRETE, MISC.: CLASS QC5 CONCRETE (WT: 29)	CY	2.000
0039	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	104.000
0040	516E31010	2" DEEP JOINT SEALER (WT: 29)	FT	101.000
0041	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	14.000
0042	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0043	518E12901	SCUPPER, LENGTHENING, AS PER PLAN (WT: 29)	EACH	12.000
0044	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	106.000
0045	844E10000	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION (WT: 29)	SF	300.000
0046	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	121.000
<b>Total 0006</b>		<b>STRUCTURE REPAIR (LAW-52-0682R)</b>		
<b>Section</b>	<b>0007</b>	<b>STRUCTURE REPAIR (LAW-52-0694L)</b>		
0047	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0048	511E71100	CONCRETE, MISC.: CLASS QC5 CONCRETE (WT: 29)	CY	2.000
0049	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	104.000
0050	516E31010	2" DEEP JOINT SEALER (WT: 29)	FT	102.000
0051	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	14.000
0052	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000

0053	518E12901	SCUPPER, LENGTHENING, AS PER PLAN (WT: 29)	EACH	12.000
0054	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	131.000
0055	844E10000	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION (WT: 29)	SF	300.000
0056	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	89.000
<b>Total 0007</b>		<b>STRUCTURE REPAIR (LAW-52-0694L)</b>		
<b>Section</b>	<b>0008</b>	<b>STRUCTURE REPAIR (LAW-52-0694R)</b>		
0057	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0058	511E71100	CONCRETE, MISC.: CLASS QC5 CONCRETE (WT: 29)	CY	2.000
0059	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	80.000
0060	516E31010	2" DEEP JOINT SEALER (WT: 29)	FT	78.000
0061	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	12.000
0062	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0063	518E12901	SCUPPER, LENGTHENING, AS PER PLAN (WT: 29)	EACH	11.000
0064	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	100.000
0065	844E10000	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION (WT: 29)	SF	300.000
0066	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	68.000
<b>Total 0008</b>		<b>STRUCTURE REPAIR (LAW-52-0694R)</b>		
<b>Section</b>	<b>0009</b>	<b>STRUCTURE REPAIR (LAW-52-0804L)</b>		
0067	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	13,350.000
0068	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	13,350.000
0069	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	13,350.000
0070	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	13,350.000
0071	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	19.000
0072	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	24.000



0073	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	12.000
0074	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0075	518E12901	SCUPPER, LENGTHENING, AS PER PLAN (WT: 29)	EACH	12.000
<b>Total 0009</b>		<b>STRUCTURE REPAIR (LAW-52-0804L)</b>		
<b>Section</b>	<b>0010</b>	<b>STRUCTURE REPAIR (LAW-52-0804R)</b>		
0076	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	13,350.000
0077	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	13,350.000
0078	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	13,350.000
0079	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	13,350.000
0080	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	19.000
0081	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	24.000
0082	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	12.000
0083	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0084	518E12901	SCUPPER, LENGTHENING, AS PER PLAN (WT: 29)	EACH	12.000
0085	844E10000	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION (WT: 29)	SF	300.000
<b>Total 0010</b>		<b>STRUCTURE REPAIR (LAW-52-0804R)</b>		
<b>Section</b>	<b>0011</b>	<b>STRUCTURE REPAIR (LAW-52-1048L)</b>		
0086	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	5,460.000
0087	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	5,460.000
0088	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	5,460.000
0089	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	5,460.000
0090	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	9.000
0091	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	11.000
0092	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	10.000

0093	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0094	518E12901	SCUPPER, LENGTHENING, AS PER PLAN (WT: 29)	EACH	12.000
0095	844E10000	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION (WT: 29)	SF	100.000
<b>Total 0011</b>		<b>STRUCTURE REPAIR (LAW-52-1048L)</b>		
<b>Section</b>	<b>0012</b>	<b>STRUCTURE REPAIR (LAW-52-1048R)</b>		
0096	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	5,460.000
0097	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	5,460.000
0098	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	5,460.000
0099	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	5,460.000
0100	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	9.000
0101	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	11.000
0102	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	10.000
0103	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0104	518E12901	SCUPPER, LENGTHENING, AS PER PLAN (WT: 29)	EACH	12.000
0105	844E10000	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION (WT: 29)	SF	100.000
<b>Total 0012</b>		<b>STRUCTURE REPAIR (LAW-52-1048R)</b>		
<b>Section</b>	<b>0013</b>	<b>STRUCTURE REPAIR (LAW-52-1084L)</b>		
0106	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0107	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	1,468.000
0108	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 29)	EACH	430.000
0109	511E45720	CLASS QC SCC CONCRETE, ABUTMENT (WT: 29)	CY	10.000
0110	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: NR)	SY	27.000
<b>Total 0013</b>		<b>STRUCTURE REPAIR (LAW-52-1084L)</b>		
<b>Section</b>	<b>0014</b>	<b>STRUCTURE REPAIR (LAW-52-1084R)</b>		

0111	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0112	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	1,376.000
0113	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 29)	EACH	430.000
0114	511E45720	CLASS QC SCC CONCRETE, ABUTMENT (WT: 29)	CY	8.000
0115	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: NR)	SY	27.000
Total 0014		STRUCTURE REPAIR (LAW-52-1084R)		
Section	0015	INCIDENTALS		
0116	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0117	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0118	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0119	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0015		INCIDENTALS		

**Project Number: 203007**

**PID: 110466**

**Butler**

US 127-16.56

E191(438)

DBE Goal: 8%

Date Set for Completion: 5/31/2022

Type: INTERSECTION

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN BUTLER COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A ROUNDABOUT USING THE DESIGN-BUILD PROCESS AND RELATED WORK**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	690E20240	SPECIAL - ROADWAY (WT: NR)	LS	1.000
0002	690E21000	SPECIAL - MISC.: SUBGRADE TREATMENT (WT: 07)	LS	1.000
0003	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>DRAINAGE</b>		
0004	611E97800	SPECIAL - DRAINAGE (WT: 35)	LS	1.000
0005	659E99000	SPECIAL - PERMANENT EROSION CONTROL (WT: 46)	LS	1.000
0006	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0007	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0008	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0009	832E99100	SPECIAL - CONSTRUCTION EROSION CONTROL (WT: 46)	EACH	50,000.000
<b>Total</b>	<b>0002</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		
0010	251E01030	PARTIAL DEPTH PAVEMENT REPAIR (442) (WT: 16)	CY	13.000

0011	400E99000	SPECIAL - FLEXIBLE PAVEMENT (WT: 10)	LS	1.000
0012	450E99000	SPECIAL - RIGID PAVEMENT (WT: 12)	LS	1.000
<b>Total 0003</b>		<b>PAVEMENT</b>		
<b>Section 0004</b>	<b>LIGHTING</b>			
0013	625E99000	SPECIAL - LIGHTING (WT: 43)	LS	1.000
<b>Total 0004</b>		<b>LIGHTING</b>		
<b>Section 0005</b>	<b>TRAFFIC CONTROL</b>			
0014	630E99000	SPECIAL - SIGNS AND SUPPORTS (WT: 42)	LS	1.000
0015	640E99000	SPECIAL - PAVEMENT MARKING (WT: 45)	LS	1.000
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0007</b>	<b>MAINTENANCE OF TRAFFIC</b>			
0017	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
<b>Total 0007</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0008</b>	<b>ENGINEERING AND SURVEYING SERVICES</b>			
0018	107E99000	SPECIAL - UTILITY COORDINATION (WT: NR)	LS	1.000
0019	108E99000	SPECIAL - CPM PROGRESS SCHEDULE (WT: NR)	LS	1.000
0020	690E20010	SPECIAL - AS-BUILT CONSTRUCTION PLANS (WT: NR)	LS	1.000
0021	690E20020	SPECIAL - FIELD SURVEYS (WT: NR)	LS	1.000
0022	690E20040	SPECIAL - PRELIMINARY DESIGN (WT: NR)	LS	1.000
0023	690E20050	SPECIAL - FINAL DESIGN (WT: NR)	LS	1.000
0024	690E20220	SPECIAL - CONSTRUCTION PLANS (WT: NR)	LS	1.000
<b>Total 0008</b>		<b>ENGINEERING AND SURVEYING SERVICES</b>		
<b>Section 0009</b>	<b>INCIDENTALS</b>			
0025	103E99010	SPECIAL - PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0026	614E99000	SPECIAL - MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0027	623E99000	SPECIAL - CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0028	624E99000	SPECIAL - MOBILIZATION (WT: NR)	LS	1.000
0100	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	25.000
<b>Total 0009</b>		<b>INCIDENTALS</b>		

**Project Number: 203008**  
**PID: 100603**  
**Tuscarawas**  
SR 212-09.09, TUS-SR 800-22.74  
E170(015)

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DBE Goal: 8%

Date Set for Completion: 10/15/2022

Type: MAJOR RECONSTRUCTION

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN TUSCARAWAS COUNTY, OHIO, IN ACCORDANCE WITH THE SCOPE OF THIS DESIGN-BUILD PROJECT BY REHABILITATING 7.07 MILES OF STATE ROUTES 800 AND 212 BY REMOVING THE EXISTING ASPHALT PAVEMENT, RUBBILIZING THE EXISTING CONCRETE BASE, AND RESURFACING THE RUBBILIZED CONCRETE BASE WITH ASPHALT CONCRETE PAVEMENT, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT ALSO INCLUDES MILLING AND RESURFACING PORTIONS OF SR 800 FROM SLM 22.74 TO 26.95, AND FROM SLM 30.48 TO 31.71. PROJECT INCLUDES PAVEMENT MARKING, SOME GUARDRAIL WORK, AND SOME EARTHWORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E99000	SPECIAL - CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E99020	SPECIAL - PAVEMENT REMOVED (WT: NR)	LS	1.000
0003	203E99000	SPECIAL - EARTHWORK (WT: 06)	LS	1.000
0004	606E99000	SPECIAL - GUARDRAIL (WT: 36)	LS	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0005	659E99000	SPECIAL - PERMANENT EROSION CONTROL (WT: 46)	LS	1.000
0006	832E99100	SPECIAL - CONSTRUCTION EROSION CONTROL (WT: 46)	EACH	300,000.000
0100	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0101	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0102	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		

0007	611E97800	SPECIAL - DRAINAGE (WT: 35)	LS	1.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0008	400E99000	SPECIAL - FLEXIBLE PAVEMENT (WT: 10)	LS	1.000
0009	690E20250	SPECIAL - MISCELLANEOUS PAVEMENT FOR DESIGN BUILD (WT: NR)	LS	1.000
Total	0004	PAVEMENT		
Section	0005	OTHER UTILITIES		
0010	690E20030	SPECIAL - UTILITY COORDINATION AND RELOCATION (WT: NR)	LS	1.000
Total	0005	OTHER UTILITIES		
Section	0006	TRAFFIC CONTROL		
0011	630E99000	SPECIAL - SIGNS AND SUPPORTS (WT: 42)	LS	1.000
0012	640E99000	SPECIAL - PAVEMENT MARKING (WT: 45)	LS	1.000
Total	0006	TRAFFIC CONTROL		
Section	0007	TRAFFIC SIGNALS		
0013	632E99000	SPECIAL - TRAFFIC SIGNALS (WT: 44)	LS	1.000
Total	0007	TRAFFIC SIGNALS		
Section	0008	ENGINEERING AND SURVEYING SERVICES		
0014	107E99000	SPECIAL - UTILITY COORDINATION (WT: NR)	LS	1.000
0015	690E20010	SPECIAL - AS-BUILT CONSTRUCTION PLANS (WT: NR)	LS	1.000
0016	690E20020	SPECIAL - FIELD SURVEYS (WT: NR)	LS	1.000
0017	690E20040	SPECIAL - PRELIMINARY DESIGN (WT: NR)	LS	1.000
0018	690E20050	SPECIAL - FINAL DESIGN (WT: NR)	LS	1.000
0019	690E20220	SPECIAL - CONSTRUCTION PLANS (WT: NR)	LS	1.000
Total	0008	ENGINEERING AND SURVEYING SERVICES		
Section	0009	INCIDENTALS		
0020	103E99010	SPECIAL - PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0021	108E99000	SPECIAL - CPM PROGRESS SCHEDULE (WT: NR)	LS	1.000
0022	614E99000	SPECIAL - MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0023	623E99000	SPECIAL - CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0024	624E99000	SPECIAL - MOBILIZATION (WT: NR)	LS	1.000
Total	0009	INCIDENTALS		

**Project Number: 204023**

**PID: 98177**

**Madison**

**SR 29-07.02**

**E161(389)**

SBE Set-Aside

Date Set for Completion: 10/1/2021

Type: BRIDGE REPLACEMENT (1 BRIDGE)

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN DEER CREEK AND MONROE TOWNSHIPS, OF MADISON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REMOVING THE EXISTING 3 SPAN CONCRETE BOX BEAM BRIDGE OVER DUN DITCH RUN AND REPLACING IT WITH A 1 SPAN STEEL BEAM BRIDGE, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT INCLUDES REPLACEMENT OF THE ASPHALT PAVEMENT AROUND THE APPROACH SLABS.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	575.000
0003	202E38001	GUARDRAIL REMOVED, AS PER PLAN (WT: NR)	FT	523.000
0004	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	4.000
0005	203E10000	EXCAVATION (WT: 06)	CY	466.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	294.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	997.000
0008	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0009	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	200.000
0010	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350 OR MASH 2016) (WT: 36)	EACH	4.000
0011	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0012	601E32205	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC, AS PER PLAN (WT: 35)	CY	216.000



0013	659E00300	TOPSOIL (WT: 46)	CY	111.000
0014	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,002.000
0015	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	50.000
0016	659E15000	INTER-SEEDING (WT: 46)	SY	50.000
0017	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.140
0018	659E31000	LIME (WT: 46)	ACRE	0.210
0019	659E35000	WATER (WT: 46)	MGAL	6.000
0020	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	242.000
0021	832E30000	EROSION CONTROL (WT: 08)	EACH	20,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0022	605E31100	AGGREGATE DRAINS (WT: 35)	FT	141.000
0023	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	50.000
0024	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	50.000
0025	611E02500	8" CONDUIT, TYPE E (WT: 35)	FT	50.000
0026	611E02600	8" CONDUIT, TYPE F (WT: 35)	FT	50.000
0027	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	50.000
0028	611E05100	12" CONDUIT, TYPE E (WT: 35)	FT	50.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0029	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	178.000
0030	304E20000	AGGREGATE BASE (WT: 09)	CY	276.000
0031	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	119.000
0032	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	60.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0033	621E00100	RPM (WT: 41)	EACH	2.000
0034	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	4.000
0035	626E00102	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	2.000
0036	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	7.000
0037	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	17.000
0038	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	2.000

0039	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0040	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0041	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.110
0042	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.060
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0006</b>	<b>MAINTENANCE OF TRAFFIC</b>			
0043	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	35.000
0044	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	20.000
0045	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	12.000
0046	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0047	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	25.000
0048	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.060
0049	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.110
0050	616E10000	WATER (WT: NR)	MGAL	1.000
0051	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	50.000
0052	617E25000	WATER (WT: NR)	MGAL	2.000
0053	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.020
0054	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.010
<b>Total 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0007</b>	<b>STRUCTURE OVER 20 FOOT SPAN (4900228)</b>			
0055	202E11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0056	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	244.000
0057	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	619.000
0058	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0059	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000
0060	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0061	507E00600	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	FT	950.000
0062	507E00651	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED, AS PER PLAN (WT: 53)	FT	1,050.000

0063	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	36,616.000
0064	511E21520	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 21)	CY	117.000
0065	511E43510	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	111.000
0066	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	137.000
0067	513E10221	STRUCTURAL STEEL MEMBERS, LEVEL 1, AS PER PLAN (WT: 24)	LB	63,122.000
0068	513E20001	WELDED STUD SHEAR CONNECTORS, AS PER PLAN (WT: 25)	EACH	1,620.000
0069	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	89.000
0070	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	113.000
0071	516E14014	INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: NR)	FT	126.000
0072	516E43201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE), AS PER PLAN (11"x11"x2") (WT: 27)	EACH	10.000
0073	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	133.000
0074	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	LS	1.000
0075	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 21)	FT	145.000
0076	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	148.000
0077	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	48.000
0078	523E20001	DYNAMIC LOAD TESTING, AS PER PLAN (WT: NR)	EACH	2.000
0079	523E20501	RESTRIKE, AS PER PLAN (WT: NR)	EACH	2.000
0080	526E25001	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN (WT: 29)	SY	222.000
0081	526E90010	TYPE A INSTALLATION (WT: 29)	FT	88.000
0082	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	37.000
<b>Total 0007      STRUCTURE OVER 20 FOOT SPAN (4900228)</b>				
<b>Section 0008      INCIDENTALS</b>				
0083	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0084	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000

0085	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	3.000
0086	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0087	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008</b>		<b>INCIDENTALS</b>		

**Project Number: 205001**

**PID: 113912**

**Clermont**

**IR 275/SR 32-10.57/01.35**

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Date Set for Completion: 5/31/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING CLE-275/32-10.57/1.35 IN CLERMONT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING AND REPLACING PORTIONS OF THE APPROACH BARRIER ON THE RAMP FROM SOUTHBOUND I-275 TO EASTBOUND SR 32.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23000	PAVEMENT REMOVED (WT: NR)	SY	138.000
0002	202E30700	CONCRETE BARRIER REMOVED (WT: NR)	FT	220.000
0003	202E38201	GUARDRAIL REMOVED FOR REUSE, AS PER PLAN (WT: NR)	FT	227.000
0004	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	181.000
0005	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	302.000
0006	622E10160	CONCRETE BARRIER, SINGLE SLOPE, TYPE D (WT: 38)	FT	150.000
0007	622E25000	CONCRETE BARRIER END SECTION, TYPE D (WT: 38)	EACH	5.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0008	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	1,058.000
0009	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.150
0010	659E31000	LIME (WT: 46)	ACRE	0.220
0011	659E35000	WATER (WT: 46)	MGAL	6.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0012	605E11100	6" SHALLOW PIPE UNDERDRAINS (WT: 35)	FT	112.000
0013	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	33.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		

<b>Section 0004</b>		<b>PAVEMENT</b>		
0014	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	60.000
0015	304E20000	AGGREGATE BASE (WT: 09)	CY	52.000
0016	407E10000	TACK COAT (WT: 10)	GAL	9.000
0017	407E10000	TACK COAT FOR INTERMEDIATE COURSE (WT: 10)	GAL	12.000
0018	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	6.000
0019	441E10200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446) (WT: 10)	CY	10.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section 0005</b>		<b>TRAFFIC CONTROL</b>		
0020	621E00100	RPM (WT: 41)	EACH	12.000
0021	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	12.000
0022	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.060
0023	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	611.000
0024	645E30000	REMOVAL OF PAVEMENT MARKINGS (WT: 45)	FT	920.000
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0025	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HR	60.000
0026	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0027	614E12801	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN (WT: 39)	EACH	9.000
0028	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	3.000
0029	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	0.120
0030	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	0.120
0031	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	57.000
0032	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	80.000
<b>Total 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0007</b>		<b>MISCELLANEOUS STRUCTURE</b>		
0033	507E98000	PILING, MISC.:HELICAL PILE WITH ATTACHMENTS (WT: NR)	FT	1,030.000

0034	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	3,343.000
0035	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 38)	CY	34.000

**Total 0007 MISCELLANEOUS STRUCTURE**

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<b>Section 0008</b>	<b>INCIDENTALS</b>			
0036	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0037	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0038	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0039	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008</b>	<b>INCIDENTALS</b>			

**Project Number: 207044**

**PID: 113658**

**Monroe**

CR 81 1.500

E201(095)

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Date Set for Completion: 6/1/2021

Type: SLIDE REPAIR

Plan Cost: N/A

<b>FOR IMPROVING A SECTION IN MONROE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY LANDSLIDE REPAIR AND RELATED WORK.</b>
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Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	203E10000	EXCAVATION (WT: 06)	CY	181.000
0003	203E20000	EMBANKMENT (WT: 06)	CY	64.000
0004	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	409.000
0005	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	88.000
0006	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	88.000
0007	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0008	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	176.000
0009	606E15200	GUARDRAIL, TYPE MGS HALF POST SPACING WITH LONG POSTS (WT: 36)	FT	162.500
0010	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0011	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	2.000
0012	659E00300	TOPSOIL (WT: 46)	CY	65.000
0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	589.000
0014	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	29.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.080
0016	659E31000	LIME (WT: 46)	ACRE	0.130



0017	659E35000	WATER (WT: 46)	MGAL	6.000
0018	670E00710	DITCH EROSION PROTECTION MAT, TYPE A (WT: 46)	SY	159.000
0019	832E30000	EROSION CONTROL (WT: 08)	EACH	2,500.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0020	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0021	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	36.000
0022	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	55.000
0023	304E20000	AGGREGATE BASE (WT: 09)	CY	64.000
0024	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	39.000
0025	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	29.000
0026	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	21.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0027	626E00110	BARRIER REFLECTOR, TYPE 2 BI-DIRECTIONAL (WT: NR)	EACH	4.000
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0028	251E01001	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN (WT: 16)	SY	10.000
0029	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	200.000
0030	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0031	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	18.000
0032	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0033	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	189.000
0034	616E10000	WATER (WT: NR)	MGAL	1.000
0035	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	200.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	RETAINING WALLS		
0036	507E00400	STEEL PILES, MISC.:HP14X89, FURNISHED (WT: 34)	FT	1,080.000

0037	507E00400	STEEL PILES, MISC.:HP14X89, PLACED (WT: 34)	FT	960.000
0038	511E71200	CONCRETE, MISC.:PRECAST CONCRETE LAGGING (WT: 34)	SF	696.000
0039	512E10000	SEALING OF CONCRETE SURFACES (WT: 57)	SY	96.000
0040	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 34)	CY	25.000
0041	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	148.000
0042	518E40012	6" NON-PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	10.000
0043	524E94703	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	459.000
0044	524E94705	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	348.000
0045	524E94803	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN (PLUG PILES) (WT: 28)	FT	459.000
0046	613E41200	LOW STRENGTH MORTAR BACKFILL (WT: NR)	CY	2.000
Total 0007		RETAINING WALLS		
Section 0008	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	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0050	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		

**Project Number: 207045**

**PID: 109913**

**Harrison**

**SR 646 1.21**

Date Set for Completion: 6/30/2021

Type: SLIDE REPAIR

Plan Cost: N/A

**FOR IMPROVING HAS-646-1.21 IN HARRISON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CORRECTING A SLOPE FAILURE BY BENCHING OF SLOPES, INSTALLING DRAINAGE AND PERFORMING PAVEMENT REPAIRS.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	185.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	262.500
0004	202E75000	FENCE REMOVED (WT: NR)	FT	230.000
0005	203E10000	EXCAVATION (WT: 06)	CY	1,419.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	1,837.000
0007	203E35001	GRANULAR EMBANKMENT, AS PER PLAN (WT: 06)	CY	109.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	264.000
0009	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	262.500
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0010	659E10001	SEEDING AND MULCHING, AS PER PLAN (WT: 46)	SY	779.000
0011	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0012	611E01400	6" CONDUIT, TYPE E, 707.31 (PERFORATED) (WT: 35)	FT	210.000
0013	611E01500	6" CONDUIT, TYPE F, 707.33 (NON- PERFORATED), INCLUDING SPECIALS (WT: 35)	FT	42.000

0014	611E99711	PRECAST REINFORCED CONCRETE OUTLET, AS PER PLAN (WT: 35)	EACH	2.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0015	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	265.000
0016	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.25" (WT: 13)	SY	119.000
0017	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	34.000
0018	304E20000	AGGREGATE BASE (WT: 09)	CY	53.000
0019	407E10000	TACK COAT (WT: 10)	GAL	40.000
0020	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	28.000
0021	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	11.000
0022	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	10.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0023	621E00100	RPM (WT: 41)	EACH	6.000
0024	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	6.000
0025	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	6.000
0026	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.050
0027	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.050
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>INCIDENTALS</b>		
0028	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0029	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (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
<b>Total 0006</b>		<b>INCIDENTALS</b>		

# 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)

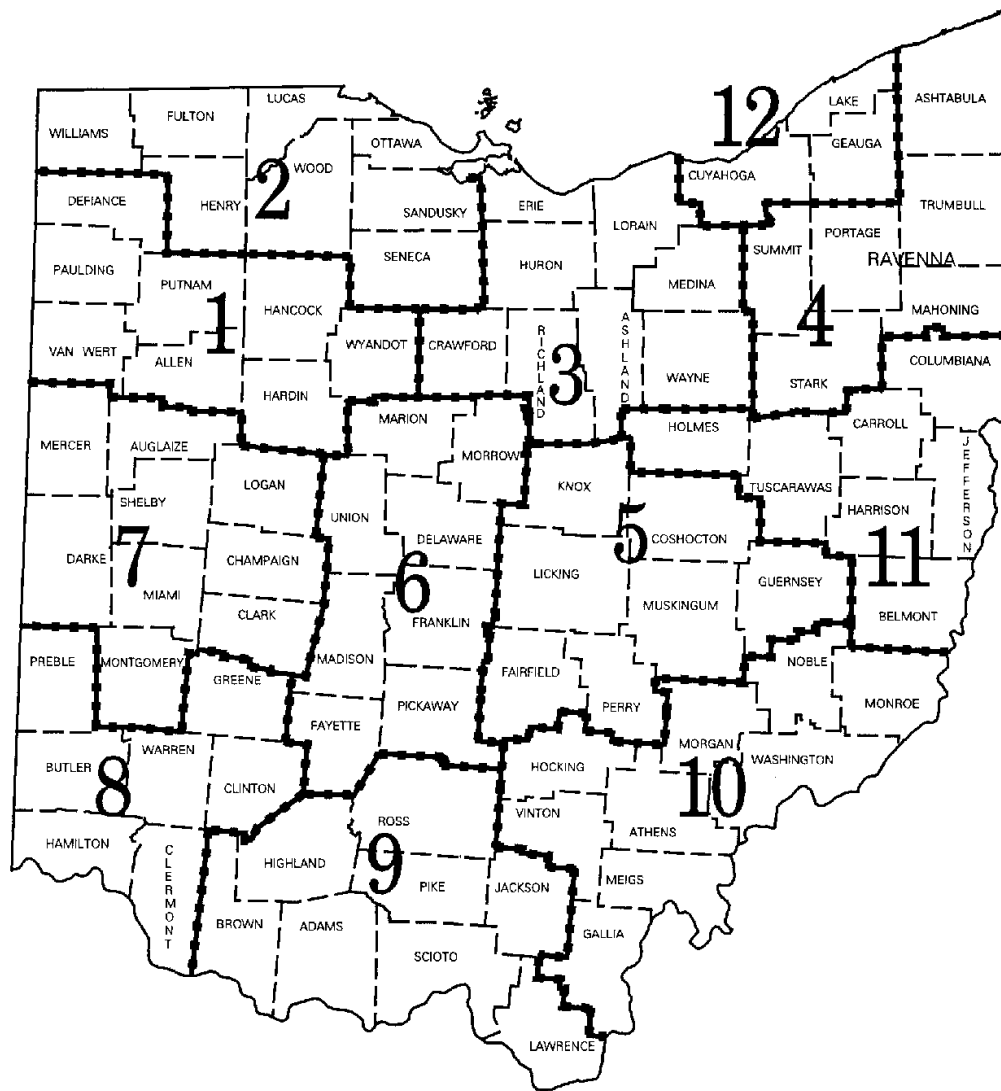
Company Name: \_\_\_\_\_  
Attention: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
P.O. Box: \_\_\_\_\_  
P.O. City, St, Zip: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Fax: \_\_\_\_\_

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(Signature - Name and Title)

(Date)

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



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

#### Central Office

Office of Contracts, 1980 W. Broad Street, Mail Stop 4110, Columbus, Ohio 43223  
Phone: 800-459-3778 or 614-466-3778  
Fax Number: 614-728-2078