

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION  
COLUMBUS, OHIO

**PROPOSED HIGHWAY  
IMPROVEMENTS FOR CONTRACT  
LETTING**

April 29, 2021

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



See Back Cover for District Information

An Equal Opportunity Employer

Thursday, April 29, 2021

Index of Projects

Project No	PID No.	County	Route/Section	Project Type	Page	
Federal						
D	210259	110853	Ashland	US 30-10.28	INTERSECTION	1
D	210260	100087	Auglaize	US 33-16.72	INTERSECTION	6
D	210261	111424	Cuyahoga	US 422-01.42 Safety	SPOT SAFETY	10
	210262	113339	D04	PM R-WR FY2021	PAVEMENT MARKING	14
D	210263	92361	Fulton	SR 108-00.00 Resurf	TWO LANE RESURFACING	16
D	210264	110510	Gallia	SR 160-09.57	INTERSECTION	20
D	210265	100808	Hamilton	IR 275-31.88/32.70	BRIDGE REPAIR	26
	210266	111202	Hamilton	US 127-09.67	MISCELLANEOUS	35
	210267	110481	Holmes	US 62-19.65	SIGNALIZATION	37
D	210268	109840	Jackson	SR 93/SR 139-14.34/14.32	TWO LANE RESURFACING	39
D	210269	107648	Jefferson	SR 7-(20.54)(20.82)	BRIDGE REPAIR	42
D	210270	104094	Lake	SR 306-05.18 Deck	BRIDGE REPAIR	49
D	210271	111022	Lucas	US 24-26.41 Det Rndabt Grp B	INTERSECTION	57
D	210272	106369	Mercer	SR 117/SR 707-07.21/06.37	CULVERT REPLACEMENT	63
D	210273	103159	Miami	CR 25A-03.54	MINOR WIDENING	67
D	210274	107895	Monroe	SR 537-03.40	RELOCATION	73
D	210275	113479	Montgomery	Mad River Rec Trail Resurf	MISCELLANEOUS	78
D	210276	108463	Pike	CR 50-03.40 OH18-01	SLIDE REPAIR	80
D	210277	101447	Richland	US 42-11.66	TWO LANE RESURFACING	83
D	210278	113414	Ross	US 35-32.62 OH20-01	SLIDE REPAIR	87
D	210279	102384	Scioto	US 23 & SR 73 Portsmouth	FOUR LANE RESURFACING	91
D	210280	100891	Scioto	SR 139-11.38	BRIDGE REPLACEMENT (1 BRIDGE)	95
D	210281	95778	Seneca	SR 53/SR 100-08.36/00.00 Resurf	TWO LANE RESURFACING	101
D	210282	108372	Summit	2nd St/Wooster Rd/Norton Rd	FOUR LANE RESURFACING	104
D	210283	88940	Trumbull	SR 11-07.68	TWO LANE RESURFACING	109
D	210284	110690	Union	/DEL SP FY21-GEN	SPOT PATCHING / PAVEMENT REPAIR	112
S	214010	109027	Ashland	US 42/SR 60-15.05/27.40	CULVERT REPLACEMENT	137

Thursday, April 29, 2021

Index of Projects

	Project No	PID No.	County	Route/Section	Project Type	Page
S	214011	105420	Darke	SR 705-05.60/12.04	CULVERT REPLACEMENT	140
S	214012	108828	Stark	/STA Culverts FY2021	CULVERT REPLACEMENT	144
<b>State</b>						
E	210285	107657	Cuyahoga	IR 480-21.30 WB Safety	INTERCHANGE	114
	210286	104270	D03	LOOP FY2021	SIGNALIZATION	121
E	210287	103197	D12	GR FY2021	GUARDRAIL REBUILDING	125
E	210288	112456	Geauga	US 422-00.03 Slide	SLIDE REPAIR	132
	210289	109339	Wood	ODNR Mary Jane Thurston Park	PARKING AREAS	135

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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: 210259**

**PID: 110853**

**Ashland**

US 30-10.28

E191(044)

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DBE Goal: 8.0%

Date Set for Completion: 10/31/2021

Type: INTERSECTION

Plan Cost: N/A

**FOR IMPROVING A SECTION IN ASHLAND COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONVERTING AN EXISTING INTERSECTION INTO AN R-CUT DESIGN 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	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	4,507.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	96.000
0005	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	10.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	912.500
0007	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	1.000
0008	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	2.000
0009	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	3.000
0010	203E10000	EXCAVATION (WT: 06)	CY	6,567.000
0011	203E20000	EMBANKMENT (WT: 06)	CY	6,668.000
0012	203E35110	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	1,815.000
0013	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	9,371.000
0014	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	1,815.000
0015	204E45000	PROOF ROLLING (WT: NR)	HOUR	8.000
0016	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	5,445.000
0017	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	887.500
0018	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	2.000

0019	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0020	690E12060	SPECIAL - PAVEMENT OVERLAY FABRIC COMPOSITE (WT: NR)	SY	1,216.000

**Total 0001 ROADWAY**

Section	0002	EROSION CONTROL		
0021	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	39.000
0022	616E10000	WATER (WT: NR)	MGAL	40.000
0023	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0024	659E00300	TOPSOIL (WT: 46)	CY	2,025.000
0025	659E00300	TOPSOIL (4" THICK) (WT: 46)	CY	56.000
0026	659E10000	SEEDING AND MULCHING (WT: 46)	SY	18,243.000
0027	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	913.000
0028	659E15000	INTER-SEEDING (WT: 46)	SY	913.000
0029	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	3.000
0030	659E31000	LIME (WT: 46)	ACRE	4.000
0031	659E35000	WATER (WT: 46)	MGAL	101.000
0032	670E00700	DITCH EROSION PROTECTION (7.5' WIDE AVERAGE) (WT: 46)	SY	500.000
0033	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0034	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0035	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0036	832E30000	EROSION CONTROL (WT: 08)	EACH	50,000.000

**Total 0002 EROSION CONTROL**

Section	0003	DRAINAGE		
0037	602E20000	CONCRETE MASONRY (WT: 35)	CY	1.000
0038	605E05110	4" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	2,167.000
0039	605E06020	4" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	4,086.000
0040	611E00200	4" CONDUIT, TYPE C (WT: 35)	FT	46.000
0041	611E00400	4" CONDUIT, TYPE E (WT: 35)	FT	120.000
0042	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	165.000
0043	611E01100	6" CONDUIT, TYPE C (WT: 35)	FT	10.000
0044	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	169.000
0045	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	58.000

0046	611E19600	42" CONDUIT, TYPE C, 706.02 (WT: 35)	FT	28.000
0047	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	3.000
0048	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	6.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0049	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (3.5") (WT: 13)	SY	973.000
0050	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	2,734.000
0051	304E20000	AGGREGATE BASE (WT: 09)	CY	1,626.000
0052	304E20000	AGGREGATE BASE (AS BERM) (WT: 09)	CY	221.000
0053	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	909.000
0054	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	397.000
0055	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (PG76-22M) (WT: 10)	CY	380.000
0056	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) (PG76-22M) (WT: 10)	CY	506.000
0057	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	4,029.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>LIGHTING</b>		
0058	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	24.000
0059	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	36.000
0060	625E10490	LIGHT POLE, CONVENTIONAL, AT18B40 (WT: 43)	EACH	12.000
0061	625E14100	LIGHT POLE FOUNDATION, 24" X 8' DEEP (WT: 43)	EACH	12.000
0062	625E23302	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	2,112.000
0063	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	1,200.000
0064	625E24324	1-1/2" DUCT CABLE WITH THREE NO. 6 AWG 2400 VOLT CABLES (WT: 43)	FT	2,591.000
0065	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	30.000
0066	625E25902	CONDUIT, JACKED OR DRILLED, 725.04, 3" (WT: 43)	FT	574.000
0067	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-III, 3000K, 8500- 12900 LUMENS (WT: 43)	EACH	12.000

0068	625E29000	TRENCH (WT: 43)	FT	2,441.000
0069	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	5.000
0070	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	7.000
0071	625E32000	GROUND ROD (WT: 43)	EACH	13.000
0072	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	1.000
0073	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	2,441.000
0074	625E76000	ARC FLASH CALCULATIONS AND LABEL (US 30 & SR 89) (WT: NR)	EACH	1.000
0075	632E70400	CONDUIT RISER, 2" DIAMETER (WT: 44)	EACH	1.000
0076	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	1.000

**Total 0005 LIGHTING**

**Section 0006 TRAFFIC CONTROL**

0077	621E00100	RPM (WT: 41)	EACH	52.000
0078	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	12.000
0079	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	1,218.000
0080	630E07500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22 (WT: 42)	FT	88.000
0081	630E07600	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12 (WT: 42)	FT	92.000
0082	630E09000	BREAKAWAY STRUCTURAL BEAM CONNECTION (WT: 42)	EACH	8.000
0083	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	496.000
0084	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	SF	600.000
0085	630E82000	SIGN BACKING ASSEMBLY (WT: 42)	EACH	4.000
0086	630E84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION (WT: 42)	EACH	8.000
0087	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	33.000
0088	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	41.000
0089	644E00104	EDGE LINE, 6" (WT: 45)	MILE	1.070
0090	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	2,000.000
0091	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	258.000
0092	644E01300	LANE ARROW (WT: 45)	EACH	10.000
0093	644E01301	LANE ARROW, AS PER PLAN (WT: 45)	EACH	6.000
0094	644E01410	WORD ON PAVEMENT, 96" (WT: 45)	EACH	2.000
0095	644E01510	DOTTED LINE, 6" (WT: 45)	FT	1,988.000

0096	644E20800	YIELD LINE (WT: 45)	FT	24.000
0097	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	1,160.000
Total 0006		TRAFFIC CONTROL		
Section 0007	MAINTENANCE OF TRAFFIC			
0098	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	6.000
0099	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000
0100	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	12.000
0101	614E40051	BUSINESS ENTRANCE SIGN, AS PER PLAN (WT: 39)	EACH	4.000
0102	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	20.000
Total 0007		MAINTENANCE OF TRAFFIC		
Section 0008	INCIDENTALS			
0103	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0104	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0105	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	5.000
0106	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0107	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0008		INCIDENTALS		



**Project Number: 210260**

**PID: 100087**

**Auglaize**

US 33-16.72

E160(926)

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DBE Goal: 8.0%

Date Set for Completion: 9/30/2021

Type: INTERSECTION

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN PUSHETA AND DUCHOUQUET TOWNSHIPS, AUGLAIZE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING AN OFFSET T INTERSECTION 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	3.000
0003	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	5,648.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	2,207.000
0005	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	462.500
0006	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	2.000
0007	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	1.000
0008	202E75000	FENCE REMOVED (WT: NR)	FT	133.650
0009	203E10000	EXCAVATION (WT: 06)	CY	8,454.000
0010	203E20000	EMBANKMENT (WT: 06)	CY	841.000
0011	203E35120	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	2,387.700
0012	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	7,761.000
0013	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	2,417.480
0014	204E45000	PROOF ROLLING (WT: NR)	HOUR	3.880
0015	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	167.000
0016	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	262.000
0017	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (WT: 36)	EACH	1.000

0018	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	2.000
0019	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0020	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	5.000
0021	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	3.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0022	659E00300	TOPSOIL (WT: 46)	CY	2,257.000
0023	659E10000	SEEDING AND MULCHING (WT: 46)	SY	20,335.000
0024	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	1,016.000
0025	659E15000	INTER-SEEDING (WT: 46)	SY	1,016.000
0026	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	2.830
0027	659E31000	LIME (WT: 46)	ACRE	4.200
0028	659E35000	WATER (WT: 46)	MGAL	112.500
0029	670E00700	DITCH EROSION PROTECTION (WT: 46)	SY	1,487.500
0030	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0031	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0032	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0033	832E30000	EROSION CONTROL (WT: 08)	EACH	56,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0034	602E20000	CONCRETE MASONRY (WT: 35)	CY	1.000
0035	605E11100	6" SHALLOW PIPE UNDERDRAINS (WT: 35)	FT	1,288.420
0036	605E31100	AGGREGATE DRAINS (WT: 35)	FT	150.000
0037	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	48.500
0038	611E02500	8" CONDUIT, TYPE E, 707.33 PERFORATED (WT: 35)	FT	40.000
0039	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	122.000
0040	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	4.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0041	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 3.25" (WT: 13)	SY	3,791.000
0042	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	862.000

0043	304E20000	AGGREGATE BASE (WT: 09)	CY	2,015.000
0044	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	1,406.000
0045	441E10200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446) (WT: 10)	CY	560.000
0046	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	480.000

**Total 0004 PAVEMENT**

**Section 0005 TRAFFIC CONTROL**

0047	621E00100	RPM (WT: 41)	EACH	27.000
0048	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	10.000
0049	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	293.000
0050	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	11.000
0051	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	184.000
0052	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	33.000
0053	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	37.000
0054	644E00104	EDGE LINE, 6" (WT: 45)	MILE	1.340
0055	644E00300	CENTER LINE (WT: 45)	MILE	0.530
0056	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	1,051.000
0057	644E00500	STOP LINE (WT: 45)	FT	127.000
0058	644E01300	LANE ARROW (WT: 45)	EACH	6.000

**Total 0005 TRAFFIC CONTROL**

**Section 0006 MAINTENANCE OF TRAFFIC**

0059	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	100.000
0060	614E12400	WORK ZONE IMPACT ATTENUATOR, MISC.: 24" WIDE HAZARDS, BIDIRECTIONAL (WT: 39)	EACH	4.000
0061	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0062	614E13310	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	26.000
0063	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	26.000
0064	614E21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I (WT: 39)	MILE	1.080
0065	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	1.400
0066	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	24.000
0067	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	2,600.000

Total 0006		MAINTENANCE OF TRAFFIC		
Section 0007	INCIDENTALS			
0068	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0069	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0070	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0071	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		

**Project Number: 210261**

**PID: 111424**

**Cuyahoga**

US 422-01.42 Safety

E200(740)

DBE Goal: 5.0%

Date Set for Completion: 5/31/2022

Type: SPOT SAFETY

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS WITHIN THE CITY OF CLEVELAND, OF CUYAHOGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY IMPROVING TRAFFIC SIGNAGE, SIGNALS, AND ROADWAY STRIPING AT THE INTERSECTION OF OF US 422/ORANGE AVENUE, E. 130TH ST. AND THE RAMP FROM I-77 TO E. 130TH ST., INCLUDING ALL OTHER RELATED 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</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>LIGHTING</b>		
0002	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	1.000
0003	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	1.000
0004	625E23000	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	200.000
0005	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	60.000
0006	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-III-M-SC (WT: 43)	EACH	1.000
<b>Total</b>	<b>0002</b>	<b>LIGHTING</b>		
<b>Section</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		
0007	625E32000	GROUND ROD (WT: 43)	EACH	2.000
0008	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	82.600
0009	630E07600	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12 (WT: 42)	FT	35.600
0010	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	2.000

0011	630E09000	BREAKAWAY STRUCTURAL BEAM CONNECTION (WT: 42)	EACH	2.000
0012	630E72410	OVERHEAD SIGN SUPPORT, TYPE TC- 15.116, DESIGN 1 (WT: 42)	EACH	2.000
0013	630E79000	SIGN HANGER ASSEMBLY, SPAN WIRE (WT: 42)	EACH	2.000
0014	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	6.000
0015	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	134.400
0016	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	SF	54.000
0017	630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	SF	624.000
0018	630E84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION (WT: 42)	EACH	2.000
0019	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	4.000
0020	630E85000	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE (WT: NR)	EACH	4.000
0021	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	4.000
0022	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	4.000
0023	630E89702	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0024	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.110
0025	644E00200	LANE LINE, 4" (WT: 45)	MILE	0.300
0026	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	874.000
0027	644E00500	STOP LINE (WT: 45)	FT	97.000
0028	644E00600	CROSSWALK LINE (WT: 45)	FT	222.000
0029	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	160.000
0030	644E00720	CHEVRON MARKING (WT: 45)	FT	39.000
0031	644E01300	LANE ARROW (WT: 45)	EACH	14.000
0032	644E01510	DOTTED LINE, 6", (WHITE) (WT: 45)	FT	402.000
0033	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	3,549.000
0034	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	14.000
0035	831E00100	LONGITUDINAL CHANNELIZING DEVICE, (WHITE) (WT: 39)	FT	242.000
0036	831E00100	LONGITUDINAL CHANNELIZING DEVICE, (YELLOW) (WT: 39)	FT	200.000
0037	831E00500	REMOVAL OF LONGITUDINAL CHANNELIZING DEVICE (WT: NR)	FT	100.000

**Total 0003      TRAFFIC CONTROL**

Section 0004		TRAFFIC SIGNALS		
0038	625E25802	CONDUIT, CONCRETE ENCASED, 4", 725.051 (WT: 43)	FT	184.000
0039	625E29000	TRENCH (WT: 43)	FT	162.000
0040	625E31600	PULL BOX, MISC.: 17"x30" (WT: 43)	EACH	2.000
0041	625E32000	GROUND ROD (WT: 43)	EACH	8.000
0042	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	162.000
0043	625E76000	ARC FLASH CALCULATIONS AND LABEL - SIGNAL CONTROLLER (WT: NR)	EACH	1.000
0044	632E05006	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE (WT: 44)	EACH	8.000
0045	632E20730	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN (WT: 44)	EACH	4.000
0046	632E20750	ACCESSIBLE PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	2.000
0047	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	16.000
0048	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	8.000
0049	632E30200	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES (WT: 44)	FT	368.000
0050	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	901.000
0051	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,491.000
0052	632E64000	STRAIN POLE FOUNDATION (WT: 44)	EACH	4.000
0053	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	3.000
0054	632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	FT	260.000
0055	632E69200	POWER CABLE, 2 CONDUCTOR, NO. 4 AWG (WT: 44)	FT	49.000
0056	632E69900	SERVICE CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	FT	400.000
0057	632E70000	POWER SERVICE (WT: 44)	EACH	1.000
0058	632E86140	STRAIN POLE, TYPE TC-81.11, DESIGN 12 (WT: 44)	EACH	3.000
0059	632E87140	COMBINATION STRAIN POLE, TYPE TC-81.11, DESIGN 12 (WT: 44)	EACH	1.000
0060	632E89700	PEDESTAL, 11' (WT: 44)	EACH	3.000
0061	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000

0062	633E67100	CABINET FOUNDATION (WT: 44)	EACH	1.000
0063	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	1.000
0064	633E99000	CONTROLLER ITEM, MISC.; CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS2 (WT: 44)	EACH	1.000
0065	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	2.000
<b>Total 0004</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0066	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	48.000
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0006</b>		<b>INCIDENTALS</b>		
0067	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0068	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0069	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0070	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0006</b>		<b>INCIDENTALS</b>		



**Project Number: 210262**

**PID: 113339**

**D04**

SUM, TRU, WAY  
PM R-WR FY2021  
E200(990)

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Date Set for Completion: 9/25/2021

Type: PAVEMENT MARKING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN STARK, SUMMIT, TRUMBULL, AND WAYNE COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY APPLYING RECESSED WET REFLECTIVE PAVEMENT MARKINGS 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>EROSION CONTROL</b>		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
<b>Total</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
0002	807E12010	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	82.900
0003	807E12110	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	39.110
0004	807E12200	WET REFLECTIVE EPOXY PAVEMENT MARKING, CENTER LINE (WT: 45)	MILE	0.460
0005	807E12310	WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	31,136.000
0006	807E12410	WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	24,790.000
0007	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	122.470
0008	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	25,302.000
0009	850E10130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	30,624.000
0010	850E20010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	MILE	3.600

0011	850E20110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	370.000
0012	850E20130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	146.000
<b>Total 0002</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0003</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0013	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	100.000
<b>Total 0003</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0004</b>		<b>INCIDENTALS</b>		
0014	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0015	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0016	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0017	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0004</b>		<b>INCIDENTALS</b>		

**Project Number: 210263**

**PID: 92361**

**Fulton**

**SR 108-00.00 Resurf**

**E130(125)**

DBE Goal: 7.0%

Date Set for Completion: 9/30/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS OF CLINTON TOWNSHIP, OF FULTON COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING AND RESURFACING 4.43 MILES OF STATE ROUTE 108.**

<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	1,682.000
0003	202E23000	PAVEMENT REMOVED, 9" (WT: NR)	SY	32.000
0004	202E30000	WALK REMOVED (WT: NR)	SF	200.000
0005	202E32000	CURB REMOVED (WT: NR)	FT	20.000
0006	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	280.000
0007	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	963.000
0008	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	5.000
0009	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	3.000
0010	203E10000	EXCAVATION (WT: 06)	CY	307.000
0011	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,682.000
0012	204E20000	EMBANKMENT (WT: 06)	CY	404.000
0013	206E10500	CEMENT (WT: NR)	TON	57.000
0014	206E11000	CURING COAT (WT: 07)	SY	1,871.000
0015	206E15020	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP (WT: 07)	SY	1,871.000
0016	206E30000	MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS (WT: 07)	LS	1.000
0017	209E15000	RESHAPING UNDER GUARDRAIL (WT: 06)	STA	13.000

0018	209E60500	LINEAR GRADING (WT: 06)	MILE	7.000
0019	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	6.060
0020	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	913.000
0021	606E17360	GUARDRAIL, TYPE MGS, LONG-SPAN (WT: 36)	FT	51.000
0022	606E26150	ANCHOR ASSEMBLY, MGS TYPE E - MASH 2016 (WT: 36)	EACH	5.000
0023	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	3.000
0024	608E10000	4" CONCRETE WALK (WT: 38)	SF	525.000
0025	608E52000	CURB RAMP (WT: 38)	SF	2,250.000
0026	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	1.000
0027	626E00116	BARRIER REFLECTOR, TYPE 5 - BIDIRECTIONAL (WT: NR)	EACH	35.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0028	601E20000	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	SY	132.000
0029	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0030	659E00300	TOPSOIL (WT: 46)	CY	180.000
0031	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	1,619.000
0032	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	81.000
0033	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	49.000
0034	659E31000	LIME (WT: 46)	ACRE	0.330
0035	659E35000	WATER (WT: 46)	MGAL	5.000
0036	832E30000	EROSION CONTROL (WT: 08)	EACH	6,500.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0037	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0038	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	5.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0039	253E02000	PAVEMENT REPAIR (WT: 16)	CY	2,700.000
0040	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE- 3 1/4" (WT: 13)	SY	71,848.000
0041	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	468.000
0042	304E20000	AGGREGATE BASE (WT: 09)	CY	281.000

0043	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	10,387.000
0044	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	3,194.000
0045	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	3,639.000
0046	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	50.000
0047	609E26000	CURB, TYPE 6 (WT: 38)	FT	50.000
0048	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	738.000
0049	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	10.000
0050	874E20000	LONGITUDINAL JOINT PREPARATION (WT: 10)	FT	26,339.000
<b>Total 0004 PAVEMENT</b>				
<b>Section 0005 WATER WORK</b>				
0051	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	3.000
<b>Total 0005 WATER WORK</b>				
<b>Section 0006 TRAFFIC CONTROL</b>				
0052	621E00100	RPM (WT: 41)	EACH	201.000
0053	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	150.000
0054	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	7.450
0055	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	8.850
0056	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	538.000
0057	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	72.000
0058	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	268.000
0059	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	375.000
0060	644E01300	LANE ARROW (WT: 45)	EACH	17.000
0061	644E01400	WORD ON PAVEMENT, 72" (WT: 45)	EACH	7.000
<b>Total 0006 TRAFFIC CONTROL</b>				
<b>Section 0007 MAINTENANCE OF TRAFFIC</b>				
0062	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	30.000
0063	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	5.000
0064	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	5.000
0065	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	8.860
0066	614E21400	WORK ZONE CENTER LINE, CLASS II (WT: 39)	MILE	4.430
0067	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	14.900

0068	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	1,076.000
0069	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	538.000
0070	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	144.000
0071	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	72.000
0072	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	34.000
0073	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	17.000

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**Total 0007      MAINTENANCE OF TRAFFIC**

<b>Section 0008</b>	<b>INCIDENTALS</b>			
0074	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0075	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0076	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0077	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008</b>	<b>INCIDENTALS</b>			

**Project Number: 210264**

**PID: 110510**

**Gallia**

SR 160-09.57

E191(031)

DBE Goal: 8.0%

Date Set for Completion: 10/1/2021

Type: INTERSECTION

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN SPRINGFIELD TOWNSHIP, GALLIA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A ROUNDABOUT AT THE INTERSECTION OF STATE ROUTE 160 AND STATE ROUTE 554 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	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	6,984.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	899.000
0005	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	244.000
0006	202E53100	MAILBOX REMOVED (WT: NR)	EACH	12.000
0007	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	4.000
0008	202E70000	SPECIAL - FILL AND PLUG EXISTING CONDUIT (12" DIAMETER) (WT: NR)	FT	25.000
0009	202E75000	FENCE REMOVED (WT: NR)	FT	215.000
0010	203E10000	EXCAVATION (WT: 06)	CY	3,538.000
0011	203E20000	EMBANKMENT (WT: 06)	CY	5,767.000
0012	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	9,965.000
0013	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	2,888.000
0014	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	2,888.000
0015	204E45000	PROOF ROLLING (WT: NR)	HOUR	7.000
0016	608E15000	8" CONCRETE WALK (WT: 38)	SF	705.000
0017	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	296.000
0018	608E53020	DETECTABLE WARNING (WT: 38)	SF	160.000
0019	623E40500	REFERENCE MONUMENT (WT: NR)	EACH	34.000

0020	690E50000	SPECIAL - MAILBOX SUPPORT (WT: NR)	EACH	10.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0021	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	305.000
0022	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	7.000
0023	659E00300	TOPSOIL (WT: 46)	CY	868.000
0024	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	7,816.000
0025	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	391.000
0026	659E15000	INTER-SEEDING (WT: 46)	SY	391.000
0027	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.050
0028	659E31000	LIME (WT: 46)	ACRE	1.610
0029	659E35000	WATER (WT: 46)	MGAL	42.000
0030	670E00520	SLOPE EROSION PROTECTION MAT, TYPE B (WT: 46)	SY	3,018.000
0031	670E00720	DITCH EROSION PROTECTION MAT, TYPE B (WT: 46)	SY	758.000
0032	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0033	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0034	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0035	832E30000	EROSION CONTROL (WT: 08)	EACH	35,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0036	602E20000	CONCRETE MASONRY (WT: 35)	CY	2.500
0037	605E05200	4" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	514.000
0038	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	3,095.000
0039	605E31100	AGGREGATE DRAINS (WT: 35)	FT	83.000
0040	611E00100	4" CONDUIT, TYPE B (WT: 35)	FT	100.000
0041	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	153.000
0042	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	100.000
0043	611E03300	10" CONDUIT, TYPE C (WT: 35)	FT	33.000
0044	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	386.000
0045	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	154.000
0046	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	460.000



0047	611E06400	15" CONDUIT, TYPE D (WT: 35)	FT	138.000
0048	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	47.000
0049	611E09400	21" CONDUIT, TYPE D (WT: 35)	FT	43.000
0050	611E13400	30" CONDUIT, TYPE B (WT: 35)	FT	362.000
0051	611E13900	30" CONDUIT, TYPE D (WT: 35)	FT	63.000
0052	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	4.000
0053	611E98370	CATCH BASIN, NO. 6 (WT: 35)	EACH	1.000
0054	611E98450	CATCH BASIN, NO. 2-2A (WT: 35)	EACH	2.000
0055	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	2.000
0056	611E98510	CATCH BASIN, NO. 2-3 (WT: 35)	EACH	2.000
0057	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000

**Total 0003 DRAINAGE**

<b>Section 0004</b>	<b>PAVEMENT</b>			
0058	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	1,287.000
0059	304E20000	AGGREGATE BASE (WT: 09)	CY	1,786.000
0060	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	758.000
0061	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	239.000
0062	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	335.000
0063	441E50400	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS) (WT: 10)	CY	4.000
0064	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	241.000
0065	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	700.000
0066	452E13010	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	492.000
0067	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	1,519.000
0068	609E12001	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN (WT: 38)	FT	124.000
0069	609E26000	CURB, TYPE 6 (WT: 38)	FT	157.000
0070	609E28001	CURB, TYPE 7, AS PER PLAN (WT: 38)	FT	183.000
0071	609E31000	COMBINATION CURB AND GUTTER, TYPE 9 (WT: 38)	FT	296.000
0072	609E72000	CONCRETE MEDIAN (WT: 38)	SY	531.000

**Total 0004 PAVEMENT**

<b>Section 0005</b>	<b>WATER WORK</b>			
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0073	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	3.000
0074	638E11100	METER AND CHAMBER REMOVED AND RESET (WT: 35)	EACH	1.000

**Total 0005 WATER WORK**

<b>Section</b>	<b>0006</b>	<b>LIGHTING</b>		
0075	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	22.000
0076	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	23.000
0077	625E10491	LIGHT POLE, CONVENTIONAL, AS PER PLAN (30' MOUNTING HEIGHT WITH 8' ARM) (WT: 43)	EACH	11.000
0078	625E14100	LIGHT POLE FOUNDATION, 24" X 8' DEEP (WT: 43)	EACH	11.000
0079	625E23302	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	648.000
0080	625E23410	NO. 12 AWG POLE AND BRACKET CABLE (WT: 43)	FT	1,584.000
0081	625E24324	1-1/2" DUCT CABLE WITH THREE NO. 6 AWG 2400 VOLT CABLES (WT: 43)	FT	873.000
0082	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	186.000
0083	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN (IES-III-M, LED, 9,000- 10,000 LUMENS ) (WT: 43)	EACH	11.000
0084	625E29002	TRENCH, 24" DEEP (WT: 43)	FT	944.000
0085	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	3.000
0086	625E32000	GROUND ROD (WT: 43)	EACH	11.000
0087	625E34000	POWER SERVICE (WT: 43)	EACH	1.000
0088	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	944.000

**Total 0006 LIGHTING**

<b>Section</b>	<b>0007</b>	<b>TRAFFIC CONTROL</b>		
0089	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	16.000
0090	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	40.000
0091	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	994.500
0092	630E04100	GROUND MOUNTED SUPPORT, NO. 4 POST, TYPE S (SQUARE POST) (WT: 42)	FT	70.000
0093	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	8.000
0094	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	597.100

0095	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	51.000
0096	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0097	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	40.000
0098	642E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	22.000
0099	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.600
0100	644E00300	CENTER LINE (WT: 45)	MILE	0.380
0101	644E00600	CROSSWALK LINE (WT: 45)	FT	320.000
0102	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	257.000
0103	644E01410	WORD ON PAVEMENT, 96" (WT: 45)	EACH	4.000
0104	644E01514	DOTTED LINE, 8" (WT: 45)	FT	146.000
0105	644E20800	YIELD LINE (WT: 45)	FT	64.000

**Total 0007      TRAFFIC CONTROL**

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**Section 0008      LANDSCAPING**

0106	661E50100	EVERGREEN TREE, 5' HEIGHT (CUPROCYPARIS LEYLANDII "LEYLAN CYPRESS") (WT: 46)	EACH	13.000
0107	662E31000	LANDSCAPE WATERING (WT: 46)	GAL	195.000

**Total 0008      LANDSCAPING**

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**Section 0009      MAINTENANCE OF TRAFFIC**

0108	253E01000	PAVEMENT REPAIR (WT: 16)	SY	1,134.000
0109	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" DEPTH) (WT: 13)	SY	1,134.000
0110	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	96.000
0111	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	160.000
0112	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22 (WT: 10)	CY	47.000
0113	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
0114	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	180.000
0115	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	8.000
0116	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.080
0117	614E21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I (WT: 39)	MILE	0.180
0118	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	0.200

0119	614E22200	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	MILE	0.210
0120	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	35.000
0121	616E10000	WATER (WT: NR)	MGAL	54.000

**Total 0009 MAINTENANCE OF TRAFFIC**

<b>Section 0010</b>	<b>INCIDENTALS</b>			
0122	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0123	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0124	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0125	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0126	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0010 INCIDENTALS**

**Project Number: 210265**

**PID: 100808**

**Hamilton**

IR 275-31.88/32.70

E170(502)

DBE Goal: 9.0%

Date Set for Completion: 7/15/2022

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING HAM-275-31.88/32.70 IN HAMILTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RECONSTRUCTING BRIDGE NO. HAM-275-32.70 BY REPLACING THE DECK ON EXISTING GIRDERS, RECONSTRUCTING THE ABUTMENTS AND PIERS AND PERFORMING OTHER RELATED REPAIRS, (SPANS: 84'-9", 130'-4", 126'-7", 82'-6"; ROADWAY: 26'-6", TOE OD SIDEWALK TO TOE OF PARAPET), WELLER RD. OVER I-275. AND, RECONSTRUCTING BRIDGE NO. HAM-275-3188 BY REPLACING THE BARRIER, ADDING A SIDEWALK TO THE DECK, EXPANSION JOINT MODIFICATION, SEALING THE DECK AND PERFORMING OTHER BRIDGE REPAIRS.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0002	202E23001	PAVEMENT REMOVED, AS PER PLAN (WT: NR)	SY	853.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	5,291.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	2,298.000
0005	202E42001	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN (WT: NR)	EACH	4.000
0006	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	2.000
0007	202E98100	REMOVAL MISC.: TRAFFIC DELINEATOR (WT: NR)	EACH	21.000
0008	203E10000	EXCAVATION (WT: 06)	CY	1,325.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	2,042.000
0010	203E35121	GRANULAR MATERIAL, TYPE C, AS PER PLAN (WT: 06)	CY	688.000
0011	204E10001	SUBGRADE COMPACTION, AS PER PLAN (WT: 06)	SY	1,454.000
0012	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	688.000

0013	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0014	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	2,320.000
0015	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	1,356.250
0016	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, (NCHRP 350 OR MASH) (WT: 36)	EACH	6.000
0017	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	8.000
0018	606E60028	IMPACT ATTENUATOR, TYPE 2 (BIDIRECTIONAL) (MASH) 65 MPH FOR 42" WIDTH (WT: 36)	EACH	2.000
0019	608E12000	5" CONCRETE WALK (WT: 38)	SF	7,295.000
0020	609E26000	CURB, TYPE 6 (WT: 38)	FT	928.000
0021	622E10060	CONCRETE BARRIER, SINGLE SLOPE, TYPE B (WT: 38)	FT	120.000
0022	622E10200	BARRIER TRANSITION (WT: 38)	EACH	2.000
0023	622E24840	CONCRETE BARRIER END SECTION, TYPE B (WT: 38)	EACH	2.000
0024	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0025	659E00300	TOPSOIL (WT: 46)	CY	307.000
0026	659E00540	SEEDING AND MULCHING, CLASS 3C (WT: 46)	SY	2,765.000
0027	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	138.000
0028	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.380
0029	659E31000	LIME (WT: 46)	ACRE	0.570
0030	659E35000	WATER (WT: 46)	MGAL	14.900
0031	832E30000	EROSION CONTROL (WT: 08)	EACH	7,500.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0032	605E31100	AGGREGATE DRAINS (WT: 35)	FT	740.000
0033	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	3.000
0034	611E99920	DRAINAGE STRUCTURE, MISC.: REVIEW OF DRAINAGE FACILITIES (WT: 35)	LS	1.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0035	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0036	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, (T=1.25") (WT: 13)	SY	2,767.000

0037	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	34.000
0038	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	49.000
0039	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	223.000
0040	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	1,002.000
0041	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	274.000
0042	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	39.000

**Total 0004 PAVEMENT**

<b>Section</b>	<b>0005</b>	<b>WATER WORK</b>		
0043	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0044	509E10000	EPOXY COATED REINFORCING STEEL (WT: NR)	LB	53.000
0045	511E71100	CONCRETE, MISC.:CLASS 'C' CONCRETE (WT: 35)	CY	1.000
0046	602E10000	BRICK MASONRY (WT: 35)	CY	1.000
0047	638E98000	WATER WORK, MISC.:FIRE HYDRANT REMOVED (WT: 35)	EACH	1.000
0048	638E98000	WATER WORK, MISC.:HAULING AND INSTALLING FIRE HYDRANT (WT: 35)	EACH	1.000
0049	638E98000	WATER WORK, MISC.:URNISHING AND INSTALLING VALVE BOX COMPLETE (WT: 35)	EACH	1.000
0050	638E98000	WATER WORK, MISC.:VALVE BOX REMOVED (WT: 35)	EACH	2.000
0051	638E98000	WATER WORK, MISC.:WATER VALVE ADJUSTED TO GRADE (WT: 35)	EACH	2.000
0052	638E98100	WATER WORK, MISC.:SPECIALIZED EQUIPMENT AND ACCESSORIES (WT: 35)	LS	1.000
0053	638E98600	WATER WORK, MISC.:FURNISHING AND LAYING 6" DUCTILE IRON PIPE AND FITTINGS (WT: 35)	FT	12.000
0054	638E98600	WATER WORK, MISC.:FURNISHING AND LAYING 8" DUCTILE IRON PIPE AND FITTINGS (WT: 35)	FT	22.000
0055	638E98600	WATER WORK, MISC.:WATER LINE REMOVED (WT: 35)	FT	34.000

**Total 0005 WATER WORK**

<b>Section</b>	<b>0006</b>	<b>TRAFFIC CONTROL</b>		
0056	621E00100	RPM (WT: 41)	EACH	45.000
0057	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	45.000

0058	626E00102	BARRIER REFLECTOR, TYPE 1, (BIDIRECTIONAL) (WT: NR)	EACH	36.000
0059	626E00110	BARRIER REFLECTOR, TYPE 2, (BIDIRECTIONAL) (WT: NR)	EACH	40.000
0060	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	30.000
0061	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	13.000
0062	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	3.000
0063	630E80510	SIGN, STREET NAME (WT: 42)	EACH	2.000
0064	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	4.000
0065	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	3.000
0066	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.500
0067	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.560
0068	644E00300	CENTER LINE (WT: 45)	MILE	0.250
0069	644E00500	STOP LINE (WT: 45)	FT	18.000
0070	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	18.000
0071	644E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	0.810
0072	646E10000	EDGE LINE, 4" (WT: 45)	MILE	0.360
0073	646E10200	CENTER LINE (WT: 45)	MILE	0.190
0074	646E50300	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	0.550
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0007</b>		<b>NOISE BARRIERS</b>		
0075	606E10900	SPECIAL - NOISE BARRIER: REMOVAL, STORAGE AND RE-USE (WT: NR)	LS	1.000
<b>Total 0007</b>		<b>NOISE BARRIERS</b>		
<b>Section 0008</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0076	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	500.000
0077	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	4.000
0078	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0079	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 10)	CY	35.000
0080	614E13310	BARRIER REFLECTOR, TYPE 1, (BIDIRECTIONAL) (WT: NR)	EACH	40.000
0081	614E13312	BARRIER REFLECTOR, TYPE 2, (BIDIRECTIONAL) (WT: NR)	EACH	48.000
0082	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	8.000



0083	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	8.000
0084	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	0.380
0085	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.380
0086	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	0.850
0087	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	0.850
0088	614E24200	WORK ZONE DOTTED LINE, CLASS I, 4", 642 PAINT (WT: 39)	FT	100.000
0089	614E24610	WORK ZONE DOTTED LINE, CLASS III, 4", 642 PAINT (WT: 39)	FT	100.000
0090	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	36.000
0091	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	36.000
0092	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0093	615E25000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B (WT: 10)	SY	211.000
0094	616E10000	WATER (WT: NR)	MGAL	22.000
0095	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	1,200.000
0096	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	1,000.000
<b>Total 0008</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0009</b>		<b>ENVIRONMENTAL / REMEDIATION</b>		
0097	690E98400	SPECIAL - MISC.: WORK INVOLVING ASBESTOS CONTAINING MATERIALS (WT: NR)	LS	1.000
<b>Total 0009</b>		<b>ENVIRONMENTAL / REMEDIATION</b>		
<b>Section 0010</b>		<b>STRUCTURE REPAIR (HAM-275-31.88)</b>		
0098	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0099	509E10001	EPOXY COATED REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	28,645.000
0100	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	200.000
0101	509E30020	NO. 4 GFRP DEFORMED BARS (WT: 23)	FT	7,188.000
0102	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 29)	EACH	2,679.000

0103	511E53014	CLASS QC3 CONCRETE, MISC.: SUPERSTRUCTURE CONCRETE WITH QC/QA, AS PER PLAN (WT: 29)	CY	180.000
0104	511E53014	CLASS QC3 CONCRETE, MISC.: SUBSTRUCTURE CONCRETE WITH QC/QA, AS PER PLAN (WT: 29)	CY	72.000
0105	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	1,600.000
0106	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	1,315.000
0107	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	9.000
0108	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	134.000
0109	513E21599	STRUCTURAL STEEL FOR REHABILITATION (WT: 29)	LB	462.000
0110	513E95000	STRUCTURAL STEEL, MISC.: REPAIR OF DAMAGED MAIN OR SECONDARY MEMBERS: COMPLETE PENETRATION WELDING (WT: 29)	FT	14.000
0111	513E95000	STRUCTURAL STEEL, MISC.: REPAIR OF DAMAGED MAIN OR SECONDARY MEMBERS: FILLET WELDING (WT: 29)	FT	33.000
0112	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	78.000
0113	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	78.000
0114	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	78.000
0115	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	78.000
0116	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	1.000
0117	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	1.000
0118	516E01300	ELASTOMERIC STRIP SEAL WITHOUT STEEL EXTRUSIONS (WT: 27)	FT	108.000
0119	516E10000	PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL (WT: 27)	FT	30.000
0120	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	20.000
0121	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	110.000
0122	516E14600	STRUCTURAL JOINT OR JOINT SEALER, MISC.: STRUCTURAL EXPANSION JOINT MODIFICATION EXCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	FT	30.000

0123	516E47000	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE (WT: 29)	LS	1.000
0124	517E75123	RAILING (CONCRETE PARAPET WITH TWIN STEEL TUBE RAILING AND VANDAL PROTECTION FENCE), AS PER PLAN (WT: 29)	FT	456.000
0125	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	15.000
0126	530E00200	SPECIAL - STRUCTURES CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION (WT: NR)	LS	1.000
0127	607E39900	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC (WT: 37)	FT	412.000
0128	607E39994	TEMPORARY VANDAL FENCE, TYPE B (WT: 37)	FT	500.000
<b>Total 0010      STRUCTURE REPAIR (HAM-275-31.88)</b>				
<b>Section 0011      STRUCTURE REPAIR (HAM-275-32.70)</b>				
0129	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0130	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	200.000
0131	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0132	503E21100	UNCLASSIFIED EXCAVATION (WT: 21)	CY	457.000
0133	509E10001	EPOXY COATED REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	174,268.000
0134	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	200.000
0135	509E30020	NO. 4 GFRP DEFORMED BARS (WT: 23)	FT	6,991.000
0136	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 29)	EACH	297.000
0137	511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 21)	EACH	2.000
0138	511E53014	CLASS QC3 CONCRETE, MISC.: SUPERSTRUCTURE CONCRETE WITH QC/QA, AS PER PLAN (WT: 29)	CY	1,041.000
0139	511E53014	CLASS QC3 CONCRETE, MISC.: SUBSTRUCTURE CONCRETE WITH QC/QA, AS PER PLAN (WT: 29)	CY	57.000
0140	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	2,114.000
0141	512E33000	TYPE 2 WATERPROOFING (WT: NR)	SY	6.000
0142	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	542.000
0143	513E10200	STRUCTURAL STEEL MEMBERS, LEVEL UF (WT: 21)	LB	7,552.000

0144	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	1,704.000
0145	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	36,265.000
0146	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	36,265.000
0147	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	36,265.000
0148	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	36,265.000
0149	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	29.000
0150	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	31.000
0151	516E10000	PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL (WT: 27)	FT	106.000
0152	516E10010	ARMORLESS PREFORMED JOINT SEAL (WT: 27)	FT	106.000
0153	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	17.000
0154	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	124.000
0155	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 21)	FT	146.000
0156	516E44400	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE)21.50" DIAM. X 6.23" w/ 22.50" DIAM. X 1.50" LOAD PLATE (WT: 21)	EACH	8.000
0157	516E44400	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE)23.50" DIAM. X 6.51" w/ 24.50" DIAM. X 1.50" LOAD PLATE (WT: 21)	EACH	12.000
0158	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 21)	LS	1.000
0159	517E75122	RAILING (CONCRETE PARAPET WITH TWIN STEEL TUBE RAILING AND VANDAL PROTECTION FENCE) (WT: 21)	FT	430.000
0160	518E12301	SCUPPERS, INCLUDING SUPPORTS, AS PER PLAN (WT: 21)	EACH	12.000
0161	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	120.000
0162	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	202.000
0163	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	120.000

0164	526E30011	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17"), AS PER PLAN (WT: 29)	SY	230.000
0165	526E90030	TYPE C INSTALLATION (WT: 29)	FT	106.000
0166	530E00200	SPECIAL - STRUCTURES, MISC: CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION (WT: NR)	LS	1.000
0167	607E39900	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC (WT: 37)	FT	430.000
<b>Total 0011</b>		<b>STRUCTURE REPAIR (HAM-275-32.70)</b>		
<b>Section</b>	<b>0012</b>	<b>INCIDENTALS</b>		
0168	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0169	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0170	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0171	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0012</b>		<b>INCIDENTALS</b>		
<b>Section</b>	<b>0013</b>	<b>PART B</b>		
0172	614E15000	SPECIAL - CALENDAR DAYS OF CONTRACT TIME FOR OPENING TO TRAFFIC (UNIT PRICE FIELD SHOULD REFLECT NUMBER OF DAYS BID)WORK AT HAM-275-31.88 (WT: NR)	DLR	5,000.000
0173	614E15000	SPECIAL - CALENDAR DAYS OF CONTRACT TIME FOR OPENING TO TRAFFIC (UNIT PRICE FIELD SHOULD REFLECT NUMBER OF DAYS BID)WORK AT HAM-275-32.70 (WT: NR)	DLR	4,200.000
<b>Total 0013</b>		<b>PART B</b>		

**Project Number: 210266**

**PID: 111202**

**Hamilton**

US 127-09.67

E191(597)

Date Set for Completion: 11/1/2021

Type: MISCELLANEOUS

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF NORTH COLLEGE HILL, HAMILTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING PEDESTRIAN IMPROVEMENTS, SUCH AS SIDEWALK, CURB BUMPOUTS, RECTANGULAR RAPID FLASHING BEACONS, SCHOOL SPEED LIMIT SIGNS, 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	201E11001	CLEARING AND GRUBBING, AS PER PLAN (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	78.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	722.000
0004	202E30600	CONCRETE MEDIAN REMOVED (WT: NR)	SY	1.000
0005	202E32000	CURB REMOVED (WT: NR)	FT	143.000
0006	202E98100	REMOVAL MISC.:STEEL BOLLARDS REMOVED AND REINSTALLED (WT: NR)	EACH	2.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	18.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	25.000
0009	608E10000	4" CONCRETE WALK (WT: 38)	SF	382.000
0010	608E52000	CURB RAMP (WT: 38)	SF	569.000
0011	608E53020	DETECTABLE WARNING (WT: 38)	SF	20.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0012	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>PAVEMENT</b>		
0013	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	250.000

0014	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	26.000
0015	609E26000	CURB, TYPE 6 (WT: 38)	FT	149.000
0016	609E70000	4" CONCRETE MEDIAN (WT: 38)	SY	6.000
<b>Total 0003</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
0017	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	140.000
0018	630E08520	STREET NAME SIGN SUPPORT, NO. 3 POST (WT: 42)	FT	16.000
0019	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	1.000
0020	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	2.000
0021	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	84.000
0022	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	14.000
0023	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	4.000
0024	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	5.000
0025	630E97700	SIGNING, MISC.: SOLAR POWER RECTANGULAR RAPID FLASHING (RRFB) SIGN ASSEMBLY (WT: 42)	EACH	5.000
0026	631E93241	SCHOOL SPEED LIMIT SIGN ASSEMBLY, SOLAR-POWERED, AS PER PLAN (WT: 43)	EACH	6.000
0027	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	11.000
0028	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.020
0029	644E00601	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	280.000
0030	644E20800	YIELD LINE (WT: 45)	FT	28.000
0031	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	210.000
<b>Total 0004</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0005</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	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0035	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0005</b>		<b>INCIDENTALS</b>		

**Project Number: 210267**

**PID: 110481**

**Holmes**

US 62-19.65

E201(005)

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Date Set for Completion: 9/30/2021

Type: SIGNALIZATION

Plan Cost: N/A

<b>FOR IMPROVING VARIOUS LOCATIONS IN HOLMES COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY SIGNALIZATION IMPROVEMENT 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>TRAFFIC CONTROL</b>		
0001	630E80100	SIGN, FLAT SHEET, R10-4A-9, 9"x15" (WT: 42)	SF	1.900
<b>Total</b>	<b>0001</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0002</b>	<b>TRAFFIC SIGNALS</b>		
0002	625E76000	ARC FLASH CALCULATIONS AND LABEL (JACKSON ST. AND CLAY ST.) (WT: NR)	EACH	1.000
0003	625E76000	ARC FLASH CALCULATIONS AND LABEL (JACKSON ST. AND MONROE ST.) (WT: NR)	EACH	1.000
0004	625E76000	ARC FLASH CALCULATIONS AND LABEL (JACKSON ST. AND WASHINGTON ST.) (WT: NR)	EACH	1.000
0005	632E04000	VEHICULAR SIGNAL HEAD, MISC.: (LED), 3-SECTION, 8" LENS, 1-WAY, POLYCARBONATE (WT: 44)	EACH	4.000
0006	632E04000	VEHICULAR SIGNAL HEAD, MISC.: (LED), 5-SECTION, 8" LENS, 1-WAY, POLYCARBONATE (WT: 44)	EACH	2.000
0007	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	24.000
0008	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	453.000
0009	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	282.000
0010	632E80700	SIGNAL SUPPORT, MISC.: MECHANICAL DAMPER FOR TC-81.22 MAST ARM (GREATER THAN 59' IN LENGTH) (WT: 44)	EACH	5.000



0011	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, PUSHBUTTON (WT: 44)	EACH	24.000
0012	632E90212	REUSE OF CONTROLLER (WT: 44)	EACH	3.000
0013	633E45000	GPS (GLOBAL POSITIONING SYSTEM) CLOCK ASSEMBLY (WT: 44)	EACH	3.000
0014	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	4.000
Total 0002		TRAFFIC SIGNALS		
Section	0003	MAINTENANCE OF TRAFFIC		
0015	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	30.000
Total 0003		MAINTENANCE OF TRAFFIC		
Section	0004	INCIDENTALS		
0016	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0017	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0018	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0004		INCIDENTALS		

**Project Number: 210268**  
**PID: 109840**  
**Jackson**  
SR 93/SR 139-14.34/14.32  
E191(512)

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DBE Goal: 6.0%

Date Set for Completion: 9/18/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF JACKSON, LICK TOWNSHIP, JACKSON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING EXISTING ASPHALT ROADWAYS AND RELATED WORK**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>DRAINAGE</b>		
0001	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	26.000
0002	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	4.000
<b>Total</b>	<b>0001</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0002</b>	<b>PAVEMENT</b>		
0003	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN (WT: 16)	SY	200.000
0004	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.25" MAX. (WT: 13)	SY	13,510.000
0005	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" MAX. (WT: 13)	SY	28,186.000
0006	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	8,340.000
0007	407E10000	TACK COAT (WT: 10)	GAL	2,953.000
0008	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	830.000
0009	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, 1.25" MAX. (WT: 10)	CY	481.000
0010	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448), 1.50" MAX. (WT: 10)	CY	1,175.000
0011	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	100.000
<b>Total</b>	<b>0002</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0003</b>	<b>WATER WORK</b>		
0012	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	10.000

Total 0003		WATER WORK		
Section 0004	TRAFFIC CONTROL			
0013	621E00100	RPM (WT: 41)	EACH	136.000
0014	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	136.000
0015	644E00104	EDGE LINE, 6" (WT: 45)	MILE	2.650
0016	644E00300	CENTER LINE (WT: 45)	MILE	3.020
0017	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	555.000
0018	644E00500	STOP LINE (WT: 45)	FT	245.000
0019	644E00600	CROSSWALK LINE (WT: 45)	FT	771.000
0020	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	319.000
0021	644E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	2.000
0022	644E01110	SCHOOL SYMBOL MARKING, 96" (WT: 45)	EACH	4.000
0023	644E01300	LANE ARROW (WT: 45)	EACH	32.000
Total 0004		TRAFFIC CONTROL		
Section 0005	MAINTENANCE OF TRAFFIC			
0024	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	40.000
0025	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	6.040
0026	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	5.300
0027	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	1,110.000
0028	614E25620	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS III, 642 PAINT (WT: 39)	FT	638.000
0029	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	490.000
0030	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	1,542.000
0031	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	64.000
0032	614E31750	WORK ZONE SCHOOL SYMBOL MARKING, 96", CLASS III, 642 PAINT (WT: 39)	EACH	8.000
0033	614E32210	WORK ZONE RAILROAD SYMBOL MARKING, CLASS III, 642 PAINT (WT: 39)	EACH	4.000
Total 0005		MAINTENANCE OF TRAFFIC		
Section 0006	INCIDENTALS			
0034	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000

0035	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0036	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0037	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0006</b>		<b>INCIDENTALS</b>		

**Project Number: 210269**

**PID: 107648**

**Jefferson**

**SR 7-(20.54)(20.82)**

**E180(753)**

DBE Goal: 10.0%

Date Set for Completion: 6/30/2022

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING JEF-7-20.54/20.82 IN JEFFERSON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY GRADING, RESURFACING WITH ASPHALT CONCRETE, BARRIER REPLACEMENT, AND RECONSTRUCTING BRIDGE NOS. JEF-7-2059 AND JEF-7-2084 BY REPLACING THE SUPERSTRUCTURE SLAB AND OR DECK ON REBUILT SUBSTRUCTURES.**

<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	5,354.000
0003	202E30700	CONCRETE BARRIER REMOVED (WT: NR)	FT	1,121.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	2,188.000
0005	202E42206	ANCHOR ASSEMBLY REMOVED (WT: NR)	EACH	6.000
0006	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	7.000
0007	203E10000	EXCAVATION (WT: 06)	CY	1,303.000
0008	203E20000	EMBANKMENT (WT: 06)	CY	20.000
0009	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	6,957.000
0010	209E60200	LINEAR GRADING (WT: 06)	STA	48.000
0011	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	2,187.500
0012	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	4.000
0013	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	2.000
0014	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
0015	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	3.000
0016	622E10060	CONCRETE BARRIER, SINGLE SLOPE, TYPE B (WT: 38)	FT	472.000

0017	622E10061	CONCRETE BARRIER, SINGLE SLOPE, TYPE B, AS PER PLAN (WT: 38)	FT	40.000
0018	622E10120	CONCRETE BARRIER, SINGLE SLOPE, TYPE C (WT: 38)	FT	489.000
0019	622E10121	CONCRETE BARRIER, SINGLE SLOPE, TYPE C, AS PER PLAN (WT: 38)	FT	40.000
0020	622E25004	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B (WT: 38)	EACH	4.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0021	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	50.000
0022	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	38.000
0023	659E10000	SEEDING AND MULCHING (WT: 46)	SY	4,481.000
0024	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	225.000
0025	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.010
0026	659E31000	LIME (WT: 46)	ACRE	0.930
0027	659E35000	WATER (WT: 46)	MGAL	25.000
0028	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0029	611E99155	INLET 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>		
0030	253E01000	PAVEMENT REPAIR (WT: 16)	SY	68.000
0031	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	1,355.000
0032	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	921.000
0033	304E20000	AGGREGATE BASE (WT: 09)	CY	322.000
0034	407E10000	TACK COAT (WT: 10)	GAL	785.000
0035	442E20051	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE B (448), AS PER PLAN (PG 70-22M) (WT: 10)	CY	280.000
0036	442E20250	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE B (448) (WT: 10)	CY	332.000
0037	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	1.000
<b>Total 0004</b>		<b>PAVEMENT</b>		

Section 0005		TRAFFIC CONTROL		
0038	621E00100	RPM (WT: 41)	EACH	112.000
0039	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	112.000
0040	626E00102	BARRIER REFLECTOR, TYPE 1, ONE-WAY (WT: NR)	EACH	30.000
0041	626E00110	BARRIER REFLECTOR, TYPE 2, ONE-WAY (WT: NR)	EACH	35.000
0042	646E10010	EDGE LINE, 6" (WT: 45)	MILE	3.740
0043	646E10110	LANE LINE, 6" (WT: 45)	MILE	2.540
Total 0005		TRAFFIC CONTROL		
Section 0006		MAINTENANCE OF TRAFFIC		
0044	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	160.000
0045	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	3,250.000
0046	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	3.000
0047	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	12.000
0048	614E12756	WORK ZONE CROSSOVER LIGHTING SYSTEM (WT: 39)	EACH	2.000
0049	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 10)	CY	150.000
0050	614E13310	BARRIER REFLECTOR, TYPE 1, ONE-WAY (WT: NR)	EACH	314.000
0051	614E13312	BARRIER REFLECTOR, TYPE 2, ONE-WAY (WT: NR)	EACH	65.000
0052	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	379.000
0053	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	12.000
0054	614E20056	WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT (WT: 39)	MILE	0.100
0055	614E22056	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT (WT: 39)	MILE	10.210
0056	614E24100	WORK ZONE DOTTED LINE, CLASS I, 4", 807 PAINT (WT: 39)	FT	2,700.000
0057	615E10000	ROADS FOR MAINTAINING TRAFFIC (WT: 06)	LS	1.000
0058	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	4,750.000
0059	616E10000	WATER (WT: NR)	MGAL	75.000
0060	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	7,806.000
0061	622E80001	GLARE SCREEN, AS PER PLAN (WT: 38)	FT	5,100.000

0062	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	36.000
<b>Total 0006 MAINTENANCE OF TRAFFIC</b>				
<b>Section</b>	<b>0007</b>	<b>STRUCTURE REPAIR (JEF-007-2059)</b>		
0063	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0064	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	295.000
0065	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0066	503E21100	UNCLASSIFIED EXCAVATION (WT: 21)	CY	40.000
0067	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	132,963.000
0068	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	248.000
0069	509E30030	NO. 5 GFRP DEFORMED BARS (WT: 23)	FT	694.000
0070	509E30040	NO. 6 GFRP DEFORMED BARS (WT: 23)	FT	965.000
0071	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	EACH	152.000
0072	511E32213	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE, AS PER PLAN (WT: 21)	CY	575.000
0073	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	109.000
0074	511E42512	CLASS QC1 CONCRETE WITH QC/QA, PIER CAP (WT: 21)	CY	58.000
0075	512E10001	SEALING OF CONCRETE SURFACES, AS PER PLAN (PERMANENT GRAFFITI PROTECTION) (WT: 57)	SY	958.000
0076	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	958.000
0077	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	189.000
0078	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	134.000
0079	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	156.000
0080	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	332.000
0081	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 21)	FT	174.000
0082	516E41600	1" ELASTOMERIC BEARING PAD (WT: 21)	SF	144.000
0083	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	39.000



0084	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	172.000
0085	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	48.000
0086	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	13.000
0087	526E25010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") (WT: 29)	SY	406.000
0088	526E90010	TYPE A INSTALLATION (WT: 29)	FT	150.000
0089	601E20000	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	SY	6.000
0090	601E21150	SLOPE PROTECTION, MISC. REGRADING EX. CRUSHED AGG SLOPE PROTECTION (WT: 06)	CY	217.000
0091	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	61.000

**Total 0007      STRUCTURE REPAIR (JEF-007-2059)**

<b>Section 0008</b>	<b>STRUCTURE REPAIR (JEF-007-2084)</b>			
0092	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0093	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	295.000
0094	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	295.000
0095	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0096	503E21100	UNCLASSIFIED EXCAVATION (WT: 21)	CY	44.000
0097	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	117,170.000
0098	509E30030	NO. 5 GFRP DEFORMED BARS (WT: 23)	FT	930.000
0099	509E30040	NO. 6 GFRP DEFORMED BARS (WT: 23)	FT	3,526.000
0100	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	EACH	545.000
0101	511E32213	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE, AS PER PLAN (WT: 21)	CY	64.000
0102	511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 21)	EACH	4.000
0103	511E34446	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (WT: 21)	CY	303.000
0104	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	135.000
0105	511E42512	CLASS QC1 CONCRETE WITH QC/QA, PIER CAP (WT: 21)	CY	14.000
0106	511E44112	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING (WT: 21)	CY	7.000

0107	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	1,116.000
0108	512E71500	SPECIAL - URETHANE TOP COAT SEALER (SEE PROPOSAL NOTE) (WT: 57)	SY	162.000
0109	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	177.000
0110	513E10261	STRUCTURAL STEEL MEMBERS, LEVEL 3, AS PER PLAN (WT: 24)	LB	48,127.000
0111	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	6,093.000
0112	513E90000	STRUCTURAL STEEL, MISC.: FATIGUE RETROFIT (WT: 21)	LB	7,033.000
0113	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	229.000
0114	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	2,763.000
0115	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	2,763.000
0116	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	433.000
0117	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 21)	FT	226.000
0118	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (13"X20"X2.654") (ABUTMENTS) (WT: 21)	EACH	20.000
0119	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (13"X20"X2.654") (PIERS) (WT: 21)	EACH	20.000
0120	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 21)	LS	1.000
0121	518E12201	SCUPPERS, INCLUDING SUPPORTS, AS PER PLAN (WT: 21)	EACH	5.000
0122	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	35.000
0123	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (SEE PROPOSAL NOTE) (WT: 29)	SF	1,445.000
0124	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	62.000
0125	519E12610	SPECIAL - CONCRETE REPAIR BY EPOXY INJECTION INCLUDING SURFACE PREPARATION (WT: 29)	FT	2.000
0126	526E25010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") (WT: 29)	SY	406.000

0127	526E90010	TYPE A INSTALLATION (WT: 29)	FT	167.000
0128	601E21150	SLOPE PROTECTION, MISC. REGRADING EXISTING CRUSHED AGGREGATE SLOPE PROTECTION (WT: 06)	CY	245.000
0129	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	65.000

**Total 0008      STRUCTURE REPAIR (JEF-007-2084)**

<b>Section</b>	<b>0009</b>	<b>INCIDENTALS</b>		
0130	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0131	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0132	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	15.000
0133	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0134	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0009      INCIDENTALS**

**Project Number: 210270**

**PID: 104094**

**Lake**

**SR 306-05.18 Deck**

**E170(313)**

DBE Goal: 10.0%

Date Set for Completion: 10/15/2022

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING LAK-306-5.18 IN LAKE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY GRADING, DRAINING, RESURFACING WITH ASPHALT CONCRETE ON A CONCRETE BASE, LIGHTING UPGRADES AND RECONSTRUCTING BRIDGE NO. LAK-306-0518 BY REPLACING THE DECK AND BACKWALLS, BEARING REPLACEMENT, PAINTING STEEL AND OTHER RELATED REPAIRS, (SPANS: 57', 4 @ 71'-3", 51'; ROADWAY: 62' TOE/TOE OF 6' SIDEWALKS), OVER I-90.**

<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	201E20010	SPECIAL - TREE REMOVED, 4"-12" (WT: NR)	EACH	10.000
0003	202E20010	HEADWALL REMOVED (WT: NR)	EACH	1.000
0004	202E23000	PAVEMENT REMOVED (WT: NR)	SY	2,003.000
0005	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	240.000
0006	202E30600	CONCRETE MEDIAN REMOVED (WT: NR)	SY	571.000
0007	202E32000	CURB REMOVED (WT: NR)	FT	697.000
0008	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	92.000
0009	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	667.000
0010	202E58200	INLET REMOVED (WT: NR)	EACH	2.000
0011	202E70110	SPECIAL - PIPE CLEANOUT, 24" AND UNDER (WT: NR)	FT	90.000
0012	203E10000	EXCAVATION (WT: 06)	CY	427.000
0013	203E20000	EMBANKMENT (WT: 06)	CY	223.000
0014	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	2,113.000
0015	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	300.000
0016	606E15150	GUARDRAIL, TYPE MGS HALF POST SPACING (WT: 36)	FT	187.500
0017	606E15250	GUARDRAIL, TYPE MGS QUARTER POST SPACING (WT: 36)	FT	37.500

0018	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	5.000
0019	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	2.000
0020	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	2.000
0021	608E11000	4-1/2" CONCRETE WALK (WT: 38)	SF	3,009.000
0022	608E52000	CURB RAMP (WT: 38)	SF	670.000
0023	625E31510	PULL BOX REMOVED (WT: NR)	EACH	1.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0024	601E20000	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	SY	1,070.000
0025	659E00300	TOPSOIL (WT: 46)	CY	84.000
0026	659E10000	SEEDING AND MULCHING (WT: 46)	SY	759.000
0027	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	38.000
0028	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.110
0029	659E31000	LIME (WT: 46)	ACRE	0.160
0030	659E35000	WATER (WT: 46)	MGAL	5.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0031	605E11100	6" SHALLOW PIPE UNDERDRAINS (WT: 35)	FT	468.000
0032	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	569.000
0033	605E31100	AGGREGATE DRAINS (WT: 35)	FT	42.000
0034	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	205.000
0035	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	49.000
0036	611E10400	24" CONDUIT, TYPE B (WT: 35)	FT	10.000
0037	611E96600	CONDUIT, BORED OR JACKED 6" , TYPE F (WT: 35)	FT	53.000
0038	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	1.000
0039	611E99154	INLET RECONSTRUCTED TO GRADE (WT: 35)	EACH	1.000
0040	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0041	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0042	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE(1.5" THICK) (WT: 13)	SY	10,162.000
0043	304E20000	AGGREGATE BASE (WT: 09)	CY	346.000

0044	407E10000	TACK COAT (WT: 10)	GAL	133.000
0045	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	155.000
0046	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	495.000
0047	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	99.000
0048	451E31000	SPECIAL - PRESSURE RELIEF JOINT, TYPE B (WT: 38)	FT	254.000
0049	452E13010	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	1,702.000
0050	609E16000	CURB, TYPE 2-B (WT: 38)	FT	1,314.000
0051	609E24510	CURB, TYPE 4-C (WT: 38)	FT	38.000
0052	609E72000	CONCRETE MEDIAN (WT: 38)	SY	482.000

**Total 0004 PAVEMENT**

<b>Section</b>	<b>0005</b>	<b>LIGHTING</b>		
0053	202E75801	DISCONNECT EXISTING CIRCUIT, AS PER PLAN (WT: NR)	EACH	2.000
0054	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	6.000
0055	625E10490	LIGHT POLE, CONVENTIONAL DESIGN A8B30 (WT: 43)	EACH	3.000
0056	625E10503	LIGHT POLE (INSTALLATION ONLY), AS PER PLAN (WT: 43)	EACH	4.000
0057	625E10614	LIGHT POLE ANCHOR BOLTS ON STRUCTURE (WT: 43)	EACH	12.000
0058	625E14101	LIGHT POLE FOUNDATION, 24" X 8' DEEP, AS PER PLAN (WT: 43)	EACH	4.000
0059	625E23000	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	2,877.000
0060	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	258.000
0061	625E25401	CONDUIT, 2", 725.04, AS PER PLAN (WT: 43)	FT	1,254.000
0062	625E25910	CONDUIT CLEANED AND CABLES REMOVED (WT: 43)	FT	298.000
0063	625E26252	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED) GE EVOLVE LED ROAWAY LIGHT MODEL ELRH-10C340 OR APPROVED EQUAL (WT: 43)	EACH	3.000
0064	625E29920	STRUCTURE JUNCTION BOX (WT: 43)	EACH	7.000
0065	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	5.000
0066	625E33000	STRUCTURE GROUNDING SYSTEM (WT: 43)	EACH	1.000
0067	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	1.000

0068	625E34450	CONTROL CENTER CABINET, COMPLETE (WT: 43)	EACH	1.000
0069	625E35010	REMOVE AND REERECT EXISTING LIGHT POLE (WT: 43)	EACH	4.000
0070	625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	LS	1.000
0071	625E98100	LIGHTING, MISC.: REPLACE EXISTING CIRCUIT IN KIND (WT: 43)	FT	298.000
<b>Total 0005</b>		<b>LIGHTING</b>		
<b>Section</b>	<b>0006</b>	<b>TRAFFIC CONTROL</b>		
0072	621E00100	RPM (WT: 41)	EACH	162.000
0073	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	10.000
0074	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	74.000
0075	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	54.000
0076	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	82.000
0077	630E82000	SIGN BACKING ASSEMBLY (WT: 42)	EACH	4.000
0078	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	3.000
0079	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
0080	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	3.000
0081	630E86010	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION (WT: 42)	EACH	1.000
0082	646E10010	EDGE LINE, 6" (WT: 45)	MILE	1.170
0083	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.740
0084	646E10200	CENTER LINE (WT: 45)	MILE	0.260
0085	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	1,092.000
0086	646E10400	STOP LINE (WT: 45)	FT	240.000
0087	646E20300	LANE ARROW (WT: 45)	EACH	30.000
0088	646E20400	WORD ON PAVEMENT, 72" (WT: 45)	EACH	2.000
0089	646E20500	DOTTED LINE (WT: 45)	FT	192.000
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0007</b>	<b>TRAFFIC SIGNALS</b>		
0090	625E31511	PULL BOX REMOVED, AS PER PLAN (WT: NR)	EACH	2.000
0091	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	4.000
0092	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	5.000
<b>Total 0007</b>		<b>TRAFFIC SIGNALS</b>		

Section 0008		LANDSCAPING		
0093	661E00500	MULCH (WT: 46)	CY	85.000
0094	661E20060	DECIDUOUS SHRUB, 3' HEIGHT (CLOSELY MATCHING EXISTING CONDITIONS) (WT: 46)	EACH	20.000
0095	661E30040	EVERGREEN SHRUB, 18" HEIGHT (CLOSELY MATCHING EXISTING CONDITIONS) (WT: 46)	EACH	10.000
0096	661E40160	DECIDUOUS TREE, 5" CALIPER (IVORY SILK LILAC) (WT: 46)	EACH	10.000
0097	661E99930	PLANTING, MISC.: PLANTING TREES, SHRUBS AND WATERING (WT: 46)	SY	336.000
Total 0008		LANDSCAPING		
Section 0009		MAINTENANCE OF TRAFFIC		
0098	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	160.000
0099	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	EACH	2.000
0100	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	4.000
0101	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0102	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 10)	CY	65.000
0103	614E13310	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) (WT: NR)	EACH	19.000
0104	614E13312	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	8.000
0105	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	27.000
0106	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	24.000
0107	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.720
0108	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	1.590
0109	614E23010	WORK ZONE CHANNELIZING LINE, CLASS I, 12" (WT: 39)	FT	2,474.000
0110	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	472.000
0111	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	199.000
0112	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	7.000
0113	614E31000	WORK ZONE WORD ON PAVEMENT, 72", CLASS I (WT: 39)	EACH	5.000
0114	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	23.000
0115	615E20001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN (WT: 10)	SY	381.000
0116	616E10000	WATER (WT: NR)	MGAL	2.000



0117	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	470.000
0118	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	840.000
0119	642E20802	YIELD LINE, TYPE 1 (WT: 45)	FT	14.000

**Total 0009 MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0010</b>	<b>STRUCTURE OVER 20 FOOT SPAN (LAK-306-0518)</b>		
0120	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0121	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	390.000
0122	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	390.000
0123	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0124	503E21100	UNCLASSIFIED EXCAVATION (WT: 21)	CY	23.000
0125	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	333,831.000
0126	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	EACH	1,270.000
0127	511E34447	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN (WT: 21)	CY	856.000
0128	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	105.000
0129	511E42012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	CY	43.000
0130	511E44112	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING (WT: 21)	CY	63.000
0131	511E51512	CLASS QC2 CONCRETE WITH QC/QA, SIDEWALK (WT: 21)	CY	161.000
0132	512E10050	SEALING OF CONCRETE SURFACES (NON- EPOXY) (WT: 57)	SY	632.000
0133	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	1,924.000
0134	512E33000	TYPE 2 WATERPROOFING (WT: NR)	SY	3.000
0135	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	600.000
0136	513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 21)	LB	5,300.000
0137	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	10,098.000
0138	513E90000	STRUCTURAL STEEL, MISC.: MOMENT PLATE RETROFITS (WT: 31)	LB	30,500.000
0139	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	35,800.000

0140	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	35,800.000
0141	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	35,800.000
0142	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	35,800.000
0143	514E00504	GRINDING FINIS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	50.000
0144	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	15.000
0145	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	FT	149.000
0146	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	85.000
0147	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), (10"X12.5"X2.62"), (11"X13.5"X1.62") (BEVELED PLATE) (WT: 21)	EACH	18.000
0148	516E44200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), (14"X17"X3.17"), (15"X18"X1.62") (BEVELED PLATE) (WT: 21)	EACH	36.000
0149	516E44200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), (14"X17"X3.17"), (15"X25"X1.62") (BEVELED PLATE) (WT: 21)	EACH	9.000
0150	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 21)	LS	1.000
0151	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	49.000
0152	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	174.000
0153	518E40012	6" NON-PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	16.000
0154	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	109.000
0155	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	50.000
0156	526E15000	REINFORCED CONCRETE APPROACH SLABS (T=13") (WT: 29)	SY	280.000
0157	526E90030	TYPE C INSTALLATION (WT: 29)	FT	126.000
0158	530E00600	SPECIAL - STRUCTURES, FORMLINERS (WT: 21)	SF	3,392.000
0159	607E39901	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN (WT: 37)	FT	789.000
0160	607E39994	TEMPORARY VANDAL FENCE, TYPE B (WT: 37)	FT	396.000

0161	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (WT: 29)	SF	50.000
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<b>Total 0010</b>	<b>STRUCTURE OVER 20 FOOT SPAN (LAK-306-0518)</b>
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<b>Section 0011</b>	<b>INCIDENTALS</b>
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0162	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0163	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0164	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	18.000
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0165	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
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0166	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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<b>Total 0011</b>	<b>INCIDENTALS</b>
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**Project Number: 210271**  
**PID: 111022**  
**Lucas**  
US 24-26.41 Det Rndabt Grp B  
E200(604)

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DBE Goal: 7.0%

Date Set for Completion: 10/1/2021

Type: INTERSECTION

Plan Cost: N/A

**FOR IMPROVING A SECTION IN THE CITY OF TOLEDO, IN LUCAS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RECONSTRUCTING PORTIONS OF A ROUNDABOUT INCLUDING PAVEMENT, CONCRETE WALK, CURB, TRAFFIC ISLANDS, DRAINAGE, LIGHTING AND PAVEMENT MARKINGS.**

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	202E23000	PAVEMENT REMOVED (WT: NR)	SY	2,678.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	3,384.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	698.000
0005	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	1,105.000
0006	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	471.000
0007	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	5.000
0008	203E10000	EXCAVATION (WT: 06)	CY	465.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	562.000
0010	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	3,889.000
0011	204E13001	EXCAVATION OF SUBGRADE, AS PER PLAN (WT: 06)	CY	1,635.000
0012	204E30011	GRANULAR MATERIAL, TYPE B, AS PER PLAN (WT: 06)	CY	1,635.000
0013	204E45000	PROOF ROLLING (WT: NR)	HOUR	6.000
0014	204E50001	GEOTEXTILE FABRIC, AS PER PLAN (WT: 06)	SY	4,904.000
0015	608E10000	4" CONCRETE WALK (WT: 38)	SF	2,747.000
0016	608E13001	6" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	311.000
0017	608E52000	CURB RAMP (WT: 38)	SF	710.000
0018	608E53020	DETECTABLE WARNING (WT: 38)	SF	188.000

0019	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	1.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0020	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	18.000
0021	659E00300	TOPSOIL (WT: 46)	CY	258.000
0022	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	2,320.000
0023	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	116.000
0024	659E15000	INTER-SEEDING (WT: 46)	SY	116.000
0025	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.330
0026	659E31000	LIME (WT: 46)	ACRE	0.480
0027	659E35000	WATER (WT: 46)	MGAL	13.000
0028	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0029	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0030	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0031	832E30000	EROSION CONTROL (WT: 08)	EACH	18,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0032	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	300.000
0033	605E14020	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	1,383.000
0034	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	300.000
0035	611E04401	12" CONDUIT, TYPE B, AS PER PLAN (WT: 35)	FT	329.000
0036	611E04601	12" CONDUIT, TYPE C, AS PER PLAN (WT: 35)	FT	32.000
0037	611E05901	15" CONDUIT, TYPE B, AS PER PLAN (WT: 35)	FT	84.000
0038	611E06101	15" CONDUIT, TYPE C, AS PER PLAN (WT: 35)	FT	8.000
0039	611E07601	18" CONDUIT, TYPE C, AS PER PLAN (WT: 35)	FT	68.000
0040	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	8.000
0041	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	1.000
0042	611E98635	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	1.000
0043	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	4.000
0044	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	1.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		

0045	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" DEEP) (WT: 13)	SY	3,403.000
0046	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (VARIABLE DEPTH, 0" TO 2.5") (WT: 13)	SY	439.000
0047	301E46020	ASPHALT CONCRETE BASE, PG70-22M (WT: 10)	CY	443.000
0048	304E20000	AGGREGATE BASE (WT: 09)	CY	838.000
0049	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	528.000
0050	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	258.000
0051	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	125.000
0052	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	103.000
0053	609E26000	CURB, TYPE 6 (WT: 38)	FT	1,826.000
0054	609E50001	4" CONCRETE TRAFFIC ISLAND, AS PER PLAN (WT: 38)	SY	176.000
0055	609E96200	MEDIAN, MISC.: PAVER ISLAND (WT: 38)	SF	4,885.000
0056	609E98000	CURB, MISC.: CITY OF TOLEDO CURB AND GUTTER, TYPE B-1, MODIFIED (WT: 38)	FT	986.000

**Total 0004 PAVEMENT**

<b>Section</b>	<b>0005</b>	<b>WATER WORK</b>		
0057	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	3.000
0058	638E20046	SPECIAL - 6" WATER MAIN DIP CLASS 52 PUSH ON JOINTS AND FITTINGS (TOLEDO) (WT: 35)	FT	19.000
0059	638E20538	SPECIAL - 6" GATE VALVE WITH VALVE BOX (TOLEDO) (WT: 35)	EACH	1.000
0060	638E20750	SPECIAL - 6" FIRE HYDRANT (TOLEDO) (WT: 35)	EACH	1.000
0061	690E98400	SPECIAL - WATER PERMIT FEES, FIXED LUMP SUM (\$4000) (WT: NR)	LS	1.000

**Total 0005 WATER WORK**

<b>Section</b>	<b>0006</b>	<b>LIGHTING</b>		
0062	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	18.000
0063	625E14501	LIGHT POLE FOUNDATION, AS PER PLAN (WT: 43)	EACH	8.000
0064	625E23100	NO. 2 AWG 600 VOLT DISTRIBUTION CABLE (WT: 43)	FT	3,360.000
0065	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	760.000

0066	625E25409	CONDUIT, 2", 725.051, AS PER PLAN (SCH. 40) (WT: 43)	FT	498.000
0067	625E25409	CONDUIT, 2", 725.051, AS PER PLAN (SCH. 80) (WT: 43)	FT	73.000
0068	625E25907	CONDUIT, JACKED OR DRILLED, 725.051, AS PER PLAN (2 INCH) (WT: 43)	FT	68.000
0069	625E25910	CONDUIT CLEANED AND CABLES REMOVED (WT: 43)	FT	72.000
0070	625E27521	REMOVAL OF LUMINAIRE AND REERECTION, AS PER PLAN (WT: 43)	EACH	8.000
0071	625E29000	TRENCH (WT: 43)	FT	551.000
0072	625E30707	PULL BOX, 725.08, 24", AS PER PLAN (WT: 43)	EACH	3.000
0073	625E31510	PULL BOX REMOVED (WT: 43)	EACH	3.000
0074	625E32000	GROUND ROD (WT: 43)	EACH	8.000
0075	625E35011	REMOVE AND REERECT EXISTING LIGHT POLE, AS PER PLAN (WT: 43)	EACH	17.000
0076	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	551.000

**Total 0006 LIGHTING**

<b>Section</b>	<b>0007</b>	<b>TRAFFIC CONTROL</b>		
0077	620E60000	DELINEATOR, POST SURFACE MOUNTED (WT: NR)	EACH	2.000
0078	625E32001	GROUND ROD, AS PER PLAN (WT: 43)	EACH	4.000
0079	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	367.000
0080	630E72521	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 7, AS PER PLAN (WT: 42)	EACH	3.000
0081	630E72541	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 12, AS PER PLAN (WT: 42)	EACH	1.000
0082	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	EACH	18.000
0083	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	2.000
0084	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	445.900
0085	630E81100	SIGN ERECTED, FLAT SHEET (WT: 42)	SF	445.900
0086	630E84511	RIGID OVERHEAD SIGN SUPPORT FOUNDATION, AS PER PLAN (WT: 42)	EACH	4.000
0087	630E85001	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE, AS PER PLAN (WT: NR)	EACH	37.000
0088	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	28.000
0089	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.310

0090	644E00200	LANE LINE, 4" (WT: 45)	MILE	0.020
0091	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	1,019.000
0092	644E00600	CROSSWALK LINE (WT: 45)	FT	390.000
0093	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	60.000
0094	644E00720	CHEVRON MARKING (WT: 45)	FT	195.000
0095	644E01300	LANE ARROW (WT: 45)	EACH	24.000
0096	644E01514	DOTTED LINE, 8" (WT: 45)	FT	311.000
0097	644E20800	YIELD LINE (WT: 45)	FT	125.000
Total	0007	TRAFFIC CONTROL		
Section	0008	TRAFFIC SIGNALS		
0098	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	1.000
0099	625E31510	PULL BOX REMOVED (WT: 43)	EACH	1.000
0100	804E15030	FIBER OPTIC CABLE, 72 FIBER (WT: 55)	FT	31.000
Total	0008	TRAFFIC SIGNALS		
Section	0009	LANDSCAPING		
0101	661E99940	PLANTING, MISC.: MEDIAN AND ROADSIDE LANDSCAPING (WT: 46)	LS	1.000
Total	0009	LANDSCAPING		
Section	0010	MAINTENANCE OF TRAFFIC		
0102	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	12.000
0103	614E20210	WORK ZONE LANE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	0.020
0104	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	0.970
0105	614E24402	WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	FT	315.000
0106	614E25400	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	244.000
0107	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	39.000
0108	614E27000	WORK ZONE CROSSWALK LINE, CLASS I (WT: 39)	FT	110.000
0109	614E30400	WORK ZONE ARROW, CLASS I, 740.06, TYPE I (WT: 39)	EACH	12.000
0110	614E98100	WORK ZONE PAVEMENT MARKING, MISC.: YIELD LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	176.000
0111	616E10000	WATER (WT: NR)	MGAL	48.000
Total	0010	MAINTENANCE OF TRAFFIC		
Section	0011	ENVIRONMENTAL / REMEDIATION		



0112	690E65016	SPECIAL - WORK INVOLVING PETROLEUM CONTAMINATED SOIL (WT: NR)	TON	55.000
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<b>Total 0011</b>	<b>ENVIRONMENTAL / REMEDIATION</b>
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<b>Section 0012</b>	<b>INCIDENTALS</b>
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0113	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0114	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0115	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	3.000
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0116	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
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0117	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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<b>Total 0012</b>	<b>INCIDENTALS</b>
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**Project Number: 210272**  
**PID: 106369**  
**Mercer**  
SR 117/SR 707-07.21/06.37  
E180(031)

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DBE Goal: 7.0%

Date Set for Completion: 10/1/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING MER-117/707-7.21/6.37 IN MERCER COUNTY OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING A SINGLE SPAN CONCRETE SLAB STRUCTURE WITH A 8' X 4' BOX CULVERT AND REPLACING THE EXISTING 60" CMP WITH A 60" CONDUIT.**

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	202E23000	PAVEMENT REMOVED (WT: NR)	SY	511.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	10.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	636.000
0005	202E42301	ANCHOR ASSEMBLY REMOVED FOR STORAGE, TYPE A, AS PER PLAN (WT: NR)	EACH	6.000
0006	203E10000	EXCAVATION (WT: 06)	CY	592.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	707.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	677.000
0009	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	675.000
0010	606E17360	GUARDRAIL, TYPE MGS, LONG-SPAN (WT: 36)	FT	87.500
0011	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	6.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0012	601E32110	ROCK CHANNEL PROTECTION, TYPE B WITH AGGREGATE FILTER (WT: 35)	CY	88.000
0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	3,843.000
0014	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.500
0015	659E31000	LIME (WT: 46)	ACRE	0.900

0016	659E35000	WATER (WT: 46)	MGAL	21.000
0017	832E30000	EROSION CONTROL (WT: 08)	EACH	5,434.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0018	605E31100	AGGREGATE DRAINS (WT: 35)	FT	292.000
0019	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	10.000
0020	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	30.000
0021	611E02600	8" CONDUIT, TYPE F (WT: 35)	FT	40.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0022	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	107.000
0023	304E20000	AGGREGATE BASE (WT: 09)	CY	97.000
0024	407E10000	TACK COAT (WT: 10)	GAL	96.000
0025	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	21.000
0026	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	45.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0027	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	5.000
0028	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	24.000
0029	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.080
0030	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.040
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0031	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0032	616E10000	WATER (WT: NR)	MGAL	4.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	STRUCTURE 20 FOOT SPAN AND UNDER (MER-117-0721)		
0033	202E11000	STRUCTURE REMOVED (WT: 19)	LS	1.000
0034	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0035	503E21100	UNCLASSIFIED EXCAVATION (WT: 35)	CY	132.000
0036	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	2,628.000

0037	511E46001	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN (WT: 35)	SY	28.000
0038	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	27.000
0039	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	CY	2.000
0040	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	35.000
0041	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	142.000
0042	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	28.000
0043	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	8.000
0044	611E94800	8' X 4' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	58.000

**Total 0007      STRUCTURE 20 FOOT SPAN AND UNDER (MER-117-0721)**

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**Section 0008      STRUCTURE 20 FOOT SPAN AND UNDER (MER-707-0637)**

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0045	202E11000	STRUCTURE REMOVED (WT: 19)	LS	1.000
0046	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0047	503E21100	UNCLASSIFIED EXCAVATION (WT: 35)	CY	73.000
0048	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	1,636.000
0049	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	7.000
0050	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	12.000
0051	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	28.000
0052	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	15.000
0053	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	5.000
0054	601E11000	RIPRAP, TYPE D (WT: 35)	SY	5.000
0055	602E20000	CONCRETE MASONRY (WT: 35)	CY	2.000
0056	611E23600	60" CONDUIT, TYPE A, 706.02, 707.01 [0.218], OR 707.33 (WT: 35)	FT	61.000

**Total 0008      STRUCTURE 20 FOOT SPAN AND UNDER (MER-707-0637)**

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**Section 0009      INCIDENTALS**

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0057	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0058	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000

0059	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0060	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0009</b>		<b>INCIDENTALS</b>		

**Project Number: 210273**

**PID: 103159**

**Miami**

CR 25A-03.54

E161(416)

DBE Goal: 8.0%

Date Set for Completion: 10/31/2021

Type: MINOR WIDENING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS OF THE CITY OF TIPP CITY, OF MIAMI COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY WIDENING THE NORTHBOUND CR-24A FOR 0.56 MILES. PROJECT ALSO INCLUDES INSTALLING NEW CURB, ACCESS RAMPS, DRAINAGE MODIFICATIONS, AND UPGRADING TRAFFIC SIGNALS, INCLUDING OTHER 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	202E23000	PAVEMENT REMOVED (WT: NR)	SY	5,595.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	60.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	207.000
0005	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	2,782.000
0006	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	739.000
0007	202E58000	MANHOLE REMOVED (WT: NR)	EACH	9.000
0008	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	8.000
0009	202E98100	REMOVAL MISC.: LANDSCAPE ROCK (WT: NR)	EACH	4.000
0010	203E10000	EXCAVATION (WT: 06)	CY	3,525.000
0011	203E20000	EMBANKMENT (WT: 06)	CY	733.000
0012	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	5,624.000
0013	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	2,224.000
0014	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	2,224.000
0015	204E45000	PROOF ROLLING (WT: NR)	HOUR	3.000
0016	608E12000	5" CONCRETE WALK (WT: 38)	SF	850.000
0017	608E52000	CURB RAMP (WT: 38)	SF	405.000
0018	690E50350	SPECIAL - MAILBOX REMOVED AND RESET (WT: NR)	EACH	1.000

0019	690E65016	SPECIAL - WORK INVOLVING PETROLEUM CONTAMINATED SOIL (WT: NR)	TON	250.000
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**Total 0001 ROADWAY**

Section	0002	EROSION CONTROL
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0020	616E10000	WATER (WT: NR)	MGAL	50.000
0021	659E00300	TOPSOIL (WT: 46)	CY	536.000
0022	659E10000	SEEDING AND MULCHING (WT: 46)	SY	4,827.000
0023	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	241.000
0024	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.650
0025	659E31000	LIME (WT: 46)	ACRE	1.000
0026	659E35000	WATER (WT: 46)	MGAL	26.100
0027	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0028	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0029	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0030	832E30000	EROSION CONTROL (WT: 08)	EACH	38,626.000

**Total 0002 EROSION CONTROL**

Section	0003	DRAINAGE
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0031	602E20000	CONCRETE MASONRY (WT: 35)	CY	3.000
0032	602E20001	CONCRETE MASONRY, AS PER PLAN (WT: 35)	CY	3.000
0033	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	5,918.000
0034	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	200.000
0035	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	148.000
0036	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	96.000
0037	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	28.000
0038	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	76.000
0039	611E10400	24" CONDUIT, TYPE B (WT: 35)	FT	395.000
0040	611E57600	49" X 33" CONDUIT, TYPE A (WT: 35)	FT	13.000
0041	611E98151	CATCH BASIN, NO. 3, AS PER PLAN (WT: 35)	EACH	3.000
0042	611E98181	CATCH BASIN, NO. 3A, AS PER PLAN (WT: 35)	EACH	6.000
0043	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0044	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0045	611E99580	MANHOLE, NO. 3 WITH 84" BASE I.D. AND 6" WEIR (WT: 35)	EACH	1.000
0046	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000

0047	895E10010	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 1 (WT: 35)	EACH	1.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0048	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	1,429.000
0049	304E20000	AGGREGATE BASE (WT: 09)	CY	1,107.000
0050	305E13010	9" CONCRETE BASE, CLASS QC 1P (WT: 12)	SY	3.000
0051	407E10000	TACK COAT (WT: 10)	GAL	310.000
0052	441E50100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (WT: 10)	CY	240.000
0053	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	279.000
0054	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	234.000
0055	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	57.000
0056	609E12001	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN (WT: 38)	FT	2,682.000
0057	609E26000	CURB, TYPE 6 (WT: 38)	FT	79.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>WATER WORK</b>		
0058	638E10500	FIRE HYDRANT REMOVED AND RESET (WT: 35)	EACH	1.000
0059	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
<b>Total 0005</b>		<b>WATER WORK</b>		
<b>Section</b>	<b>0006</b>	<b>TRAFFIC CONTROL</b>		
0060	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	408.000
0061	630E06500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9 (WT: 42)	FT	75.000
0062	630E09000	BREAKAWAY STRUCTURAL BEAM CONNECTION (WT: 42)	EACH	4.000
0063	630E79000	SIGN HANGER ASSEMBLY, SPAN WIRE (WT: 42)	EACH	9.000
0064	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	12.000
0065	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	256.000
0066	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	SF	72.000
0067	630E84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION (WT: 42)	EACH	4.000



0068	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	25.000
0069	630E85400	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0070	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	18.000
0071	630E86102	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
0072	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.240
0073	644E00200	LANE LINE, 4" (WT: 45)	MILE	1.290
0074	644E00300	CENTER LINE (WT: 45)	MILE	1.060
0075	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	759.000
0076	644E00500	STOP LINE (WT: 45)	FT	248.000
0077	644E00600	CROSSWALK LINE (WT: 45)	FT	151.000
0078	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	144.000
0079	644E01300	LANE ARROW (WT: 45)	EACH	26.000
0080	644E01630	BIKE LANE SYMBOL MARKING (WT: 45)	EACH	4.000
0081	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	10.000
0082	644E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	2.510
0083	646E10100	LANE LINE, 4" (WT: 45)	MILE	0.070

**Total 0006      TRAFFIC CONTROL**

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**Section 0007      TRAFFIC SIGNALS**

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0084	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	36.000
0085	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	76.000
0086	625E29000	TRENCH (WT: 43)	FT	83.000
0087	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	2.000
0088	625E32000	GROUND ROD (WT: 43)	EACH	12.000
0089	625E98100	LIGHTING, MISC.: PLASTIC CAUTION TAPE (WT: 43)	FT	83.000
0090	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	13.000
0091	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	3.000
0092	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	2.000
0093	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	16.000

0094	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	2.000
0095	632E26001	PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	2.000
0096	632E30200	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES (WT: 44)	FT	868.000
0097	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	FT	868.000
0098	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	489.000
0099	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,468.000
0100	632E64000	STRAIN POLE FOUNDATION (WT: 44)	EACH	8.000
0101	632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	FT	497.000
0102	632E68200	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	174.000
0103	632E69800	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	56.000
0104	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	2.000
0105	632E86130	STRAIN POLE, TYPE TC-81.11, DESIGN 10 (WT: 44)	EACH	4.000
0106	632E86151	STRAIN POLE, TYPE TC-81.11, DESIGN 13, AS PER PLAN (WT: 44)	EACH	4.000
0107	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	2.000
0108	633E65510	CABINET, TYPE TS-2 (WT: 44)	EACH	2.000
0109	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	2.000
0110	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	2.000
0111	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	2.000
0112	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	4.000
0113	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	3.000
0114	809E69122	ATC V6.24 CONTROLLER (WT: 44)	EACH	2.000
0115	815E30000	SPREAD SPECTRUM RADIO (WT: 44)	EACH	1.000

**Total 0007      TRAFFIC SIGNALS**

<b>Section</b>	<b>0008</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0116	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	20.000
0117	410E13000	TRAFFIC COMPACTED SURFACE, TYPE C (WT: NR)	CY	20.000

0118	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	80.000
0119	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	EACH	2.000
0120	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	6.000
0121	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	50.000
0122	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	20.000
0123	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	1.360
0124	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	0.710
0125	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	1.060
0126	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	1.180
0127	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	0.240
0128	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	759.000
0129	614E24200	WORK ZONE DOTTED LINE, CLASS I, 4", 642 PAINT (WT: 39)	FT	1,080.000
0130	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	103.000
0131	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	248.000
0132	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	151.000
<b>Total 0008 MAINTENANCE OF TRAFFIC</b>				
<b>Section 0009 INCIDENTALS</b>				
0133	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0134	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0135	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0136	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0137	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0009 INCIDENTALS</b>				

**Project Number: 210274**

**PID: 107895**

**Monroe**

SR 537-03.40

E180(569)

DBE Goal: 7.0%

Date Set for Completion: 12/1/2022

Type: RELOCATION

Plan Cost: \$48.00

**FOR IMPROVING VARIOUS SECTIONS IN WASHINGTON TOWNSHIP, MONROE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A NEW ALIGNMENT FOR S.R. 537, INCLUDING REPAIR OF A SLIDE WITH BENCHING, DRILLED SHAFT WALL, NEW ASPHALT ROADWAY, 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	10,474.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	318.000
0005	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	154.000
0006	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,321.000
0007	202E38101	GUARDRAIL REMOVED FOR STORAGE, AS PER PLAN (WT: NR)	FT	2,346.000
0008	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	6.000
0009	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	2.000
0010	202E98100	REMOVAL MISC.: PILE EXTRACTION (WT: NR)	EACH	105.000
0011	202E98200	REMOVAL MISC.: ABANDONED UTILITY REMOVED (WT: NR)	FT	2,326.000
0012	203E10000	EXCAVATION (WT: 05)	CY	500,647.000
0013	203E20000	EMBANKMENT (WT: 05)	CY	648,928.000
0014	203E20001	EMBANKMENT, AS PER PLAN (WT: 05)	CY	87,366.000
0015	203E35120	GRANULAR MATERIAL, TYPE C (WT: 05)	CY	50.000
0016	204E10000	SUBGRADE COMPACTION (WT: 05)	SY	13,795.000
0017	204E13000	EXCAVATION OF SUBGRADE (WT: 05)	CY	4,412.000

0018	204E20000	EMBANKMENT (WT: 05)	CY	4,412.000
0019	204E45000	PROOF ROLLING (WT: NR)	HOUR	5.000
0020	208E10000	PRE-BLAST CONDITION SURVEY (WT: NR)	LS	1.000
0021	208E12000	BLASTING CONSULTANT (WT: NR)	LS	1.000
0022	208E13000	AIR BLAST AND NOISE CONTROL (WT: NR)	LS	1.000
0023	208E14000	VIBRATION CONTROL AND MONITORING (WT: NR)	LS	1.000
0024	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	5,375.000
0025	606E20050	ROUNDED END SECTION (WT: 36)	EACH	9.000
0026	606E25550	ANCHOR ASSEMBLY, MGS TYPE A (WT: 36)	EACH	1.000
0027	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	5.000
0028	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	6.000
0029	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	44.000

**Total 0001 ROADWAY**

<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0030	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	2,509.000
0031	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	1,113.000
0032	616E10000	WATER (WT: NR)	MGAL	500.000
0033	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	4.000
0034	659E00501	SEEDING AND MULCHING, CLASS 1, AS PER PLAN (WT: 46)	SY	13,500.000
0035	659E10001	SEEDING AND MULCHING, AS PER PLAN (WT: 46)	SY	106,377.000
0036	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	5,994.000
0037	659E15000	INTER-SEEDING (WT: 46)	SY	5,994.000
0038	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	10.800
0039	659E31000	LIME (WT: 46)	ACRE	24.800
0040	659E35000	WATER (WT: 46)	MGAL	648.000
0041	670E00720	DITCH EROSION PROTECTION MAT, TYPE B (WT: 46)	SY	360.000
0042	671E15000	EROSION CONTROL MAT, TYPE A (WT: 46)	SY	13,500.000
0043	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0044	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0045	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000

0046	832E30000	EROSION CONTROL (WT: 08)	EACH	200,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0047	503E31100	ROCK EXCAVATION (WT: 05)	CY	1,049.000
0048	511E71100	CONCRETE, MISC.: 1,000 PSI (WT: 35)	CY	2,292.000
0049	602E20000	CONCRETE MASONRY (WT: 35)	CY	125.400
0050	605E11100	6" SHALLOW PIPE UNDERDRAINS, 707.31 (WT: 35)	FT	2,155.000
0051	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS, 707.31 (WT: 35)	FT	206.000
0052	605E13402	6" UNCLASSIFIED PIPE UNDERDRAINS FOR SPRINGS (WT: 35)	FT	300.000
0053	605E13500	6" ROCK CUT UNDERDRAINS, 707.31 (WT: 35)	FT	1,571.000
0054	605E14000	6" BASE PIPE UNDERDRAINS, 707.31 (WT: 35)	FT	3,355.000
0055	605E31100	AGGREGATE DRAINS (WT: 35)	FT	53.000
0056	605E32200	AGGREGATE DRAINS FOR SPRINGS (WT: 35)	FT	150.000
0057	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	268.000
0058	611E26000	72" CONDUIT, TYPE A (WT: 35)	FT	188.000
0059	611E26000	72" CONDUIT, TYPE A, 707.03, WITH FIELD PAVING (WT: 35)	FT	1,287.000
0060	611E53600	68" X 106" CONDUIT, TYPE A, 706.04 OR 103" x 71" CONDUIT, TYPE A, 707.02, WITH FIELD PAVING (WT: 35)	FT	76.000
0061	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	17.000
0062	613E41300	LOW STRENGTH MORTAR BACKFILL (TYPE 2) (WT: NR)	CY	331.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0063	253E02000	PAVEMENT REPAIR (WT: 16)	CY	15.000
0064	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	2,326.000
0065	304E20000	AGGREGATE BASE (WT: 09)	CY	2,393.000
0066	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	1,624.000
0067	408E10000	PRIME COAT (WT: 10)	GAL	432.000
0068	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	637.000
0069	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	519.000
0070	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	173.000

Total 0004		PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0071	621E00100	RPM (WT: 41)	EACH	124.000
0072	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	26.000
0073	626E00110	BARRIER REFLECTOR, TYPE 2, BI-DIRECTIONAL (WT: NR)	EACH	109.000
0074	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	632.000
0075	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	12.000
0076	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	191.500
0077	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	17.000
0078	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	15.000
0079	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	1.900
0080	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.930
0081	644E00500	STOP LINE (WT: 45)	FT	64.000
Total 0005		TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0082	614E12740	WORK ZONE LIGHTING SYSTEM (WT: 39)	EACH	2.000
0083	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	175.000
0084	614E13310	BARRIER REFLECTOR, TYPE 1, BI-DIRECTIONAL (WT: NR)	EACH	11.000
0085	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	11.000
0086	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	0.080
0087	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	40.000
0088	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	530.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section	0007	RETAINING WALLS		
0089	507E00400	STEEL PILES, MISC.: SOLDIER PILES, HP12x53 (WT: 34)	FT	930.000
0090	507E00400	STEEL PILES, MISC.: SOLDIER PILES, HP14x73 (WT: 34)	FT	833.000
0091	511E46511	CLASS QC1 CONCRETE, FOOTING, AS PER PLAN (WT: 34)	CY	24.000
0092	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 34)	CY	136.000

0093	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	360.000
0094	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	54.000
0095	524E94703	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	1,284.000
0096	524E94705	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	640.000
0097	524E95000	DRILLED SHAFTS, MISC.: EXTENSION (WT: 28)	FT	25.000
0098	530E00400	SPECIAL - STRUCTURES: PRE-CAST CONCRETE PANEL NO. 1 (WT: 34)	EACH	202.000

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**Total 0007      RETAINING WALLS**

<b>Section</b>	<b>0008</b>	<b>INCIDENTALS</b>		
0099	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0100	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0101	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	21.000
0102	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0103	624E10000	MOBILIZATION (WT: NR)	LS	1.000

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**Total 0008      INCIDENTALS**



**Project Number: 210275**  
**PID: 113479**  
**Montgomery**  
 Mad River Rec Trail Resurfac  
 E201(145)

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DBE Goal: 5.0%

Date Set for Completion: 9/30/2021

Type: MISCELLANEOUS

Plan Cost: N/A

**FOR IMPROVING A SECTION IN MONTGOMERY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING A BIKEPATH AND RELATED WORK.**

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

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

**Project Number: 210276**

**PID: 108463**

**Pike**

CR 50-03.40 OH18-01

E180(711)

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DBE Goal: 5.0%

Date Set for Completion: 9/4/2021

Type: SLIDE REPAIR

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN JACKSON TOWNSHIP, PIKE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING A EARTH SLIDE BY CONSTRUCTING A DRILLED SHAFT WALL, REPAIRING THE ROADWAY, 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	202E23000	PAVEMENT REMOVED (WT: NR)	SY	352.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	36.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	238.000
0005	203E10000	EXCAVATION (WT: 06)	CY	141.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	11.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	291.000
0008	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0009	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0010	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (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	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0012	659E00300	TOPSOIL (WT: 46)	CY	17.000
0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	180.000
0014	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	8.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.030
0016	659E31000	LIME (WT: 46)	ACRE	0.040
0017	659E35000	WATER (WT: 46)	MGAL	2.000

0018	659E40000	MOWING (WT: 46)	MSF	1.000
0019	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0020	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.290
0021	605E31101	AGGREGATE DRAINS, AS PER PLAN (WT: 35)	FT	258.000
0022	611E05900	15" CONDUIT, TYPE B (748.01) (WT: 35)	FT	40.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0023	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	281.000
0024	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	49.000
0025	304E20000	AGGREGATE BASE (WT: 09)	CY	388.000
0026	407E10000	TACK COAT (WT: 10)	GAL	10.000
0027	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	29.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0028	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	30.000
0029	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	8.000
0030	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0031	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0032	642E00100	EDGE LINE, 4", TYPE 1 (WT: 45)	MILE	0.120
0033	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.060
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0034	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	40.000
0035	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	EACH	2.000
0036	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	475.000
0037	614E12381	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL), AS PER PLAN (WT: 39)	EACH	2.000
0038	614E13310	BARRIER REFLECTOR, TYPE 1 (BI-DIRECTIONAL) (WT: NR)	EACH	20.000
0039	614E13360	OBJECT MARKER. TWO WAY (WT: NR)	EACH	20.000

0040	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	0.200
0041	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	0.300
0042	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	24.000
0043	615E20001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN (WT: 10)	SY	130.000
0044	616E10000	WATER (WT: NR)	MGAL	1.000
0045	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	130.000
0046	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	254.000
<b>Total 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0007</b>	<b>RETAINING WALLS</b>		
0047	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	12,819.000
0048	511E53010	CLASS QC1 CONCRETE, MISC.:REINFORCING CONCRETE CAP (WT: 34)	CY	117.000
0049	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	4.000
0050	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	7.000
0051	517E70001	RAILING (TWIN STEEL TUBE), AS PER PLAN (WT: 36)	FT	258.000
0052	524E94803	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	1,273.000
0053	524E94805	DRILLED SHAFTS, 42" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	624.000
0054	524E95000	DRILLED SHAFTS, MISC.:42" UNREINFORCED, AS PER PLAN (WT: 28)	FT	1,138.000
<b>Total 0007</b>		<b>RETAINING WALLS</b>		
<b>Section</b>	<b>0008</b>	<b>INCIDENTALS</b>		
0055	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0056	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0057	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	6.000
0058	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0059	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008</b>		<b>INCIDENTALS</b>		

**Project Number: 210277**

**PID: 101447**

**Richland**

US 42-11.66

E170(094)

DBE Goal: 7.0%

Date Set for Completion: 9/18/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING A SECTION IN RICHLAND COUNTY, OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS, BY RESURFACING EXISTING ROADWAYS, PERFORMING MINOR REPAIR TO ONE STRUCTURE 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	209E60500	LINEAR GRADING (WT: 06)	MILE	0.120
<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	1,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0003	611E98635	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	14.000
0004	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	12.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0005	251E98000	PARTIAL DEPTH REPAIR, MISC.:301 (WT: 16)	CY	234.000
0006	253E02000	PAVEMENT REPAIR (WT: 16)	CY	34.000
0007	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (2.25") (WT: 13)	SY	32,338.000
0008	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	164.000
0009	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	5,440.000
0010	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	100.000

0011	441E10101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), AS PER PLAN, PG64-22 (WT: 10)	CY	1,125.000
0012	441E50201	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN, PG64-22 (WT: 10)	CY	901.000
0013	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	35.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section 0005</b>		<b>WATER WORK</b>		
0014	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	6.000
<b>Total 0005</b>		<b>WATER WORK</b>		
<b>Section 0006</b>		<b>TRAFFIC CONTROL</b>		
0015	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.360
0016	642E00200	LANE LINE, 4", TYPE 1 (WT: 45)	MILE	0.100
0017	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.230
0018	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	100.000
0019	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.060
0020	646E10200	CENTER LINE (WT: 45)	MILE	0.040
0021	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	146.000
0022	646E10400	STOP LINE (WT: 45)	FT	30.000
0023	646E20300	LANE ARROW (WT: 45)	EACH	3.000
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0007</b>		<b>TRAFFIC CONTROL ALTERNATES</b>		
0024	AA1 642E00104	EDGE LINE, 6", TYPE 1 (ALTERNATE 1) (WT: 45)	MILE	2.520
0025	AA1 642E00200	LANE LINE, 4", TYPE 1 (ALTERNATE 1) (WT: 45)	MILE	0.170
0026	AA1 642E00300	CENTER LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	MILE	1.990
0027	AA1 642E00400	CHANNELIZING LINE, 8", TYPE 1 (ALTERNATE 1) (WT: 45)	FT	978.000
0028	AA1 642E00500	STOP LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	FT	154.000
0029	AA1 642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (ALTERNATE 1) (WT: 45)	FT	160.000
0030	AA1 642E00900	ISLAND MARKING, TYPE 1 (ALTERNATE 1) (WT: 45)	SF	66.000
0031	AA1 642E01300	LANE ARROW, TYPE 1 (ALTERNATE 1) (WT: 45)	EACH	38.000
0032	AA2 644E00104	EDGE LINE, 6" (ALTERNATE 2) (WT: 45)	MILE	2.520
0033	AA2 644E00200	LANE LINE, 4" (ALTERNATE 2) (WT: 45)	MILE	0.170

0034	AA2	644E00300	CENTER LINE (ALTERNATE 2) (WT: 45)	MILE	1.990
0035	AA2	644E00400	CHANNELIZING LINE, 8" (ALTERNATE 2) (WT: 45)	FT	978.000
0036	AA2	644E00500	STOP LINE (ALTERNATE 2) (WT: 45)	FT	154.000
0037	AA2	644E00700	TRANSVERSE/DIAGONAL LINE (ALTERNATE 2) (WT: 45)	FT	160.000
0038	AA2	644E00900	ISLAND MARKING (ALTERNATE 2) (WT: 45)	SF	66.000
0039	AA2	644E01300	LANE ARROW (ALTERNATE 2) (WT: 45)	EACH	38.000
<b>Total 0007</b>		<b>TRAFFIC CONTROL ALTERNATES</b>			
<b>Section 0008</b>		<b>TRAFFIC SIGNALS</b>			
0040		632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	2.000
<b>Total 0008</b>		<b>TRAFFIC SIGNALS</b>			
<b>Section 0009</b>		<b>MAINTENANCE OF TRAFFIC</b>			
0041		614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	80.000
0042		614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	10.000
0043		614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	5.000
0044		614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000
0045		614E20100	WORK ZONE LANE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	0.950
0046		614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	4.320
0047		614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	2,934.000
0048		614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	462.000
<b>Total 0009</b>		<b>MAINTENANCE OF TRAFFIC</b>			
<b>Section 0010</b>		<b>STRUCTURE REPAIR (RIC-42-1195)</b>			
0049		202E11301	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	CY	0.300
0050		202E98200	REMOVAL MISC.: BITUMINOUS JOINT SEALER (WT: NR)	FT	88.000
0051		511E51511	CLASS QC2 CONCRETE, SIDEWALK, AS PER PLAN (WT: 29)	CY	0.300
0052		516E31000	JOINT SEALER (WT: 27)	FT	88.000
0053		519E11710	SPECIAL - PATCHING CONCRETE STRUCTURE (TYPE B OR C) (WT: 29)	SY	4.000
<b>Total 0010</b>		<b>STRUCTURE REPAIR (RIC-42-1195)</b>			
<b>Section 0011</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 0011</b>		<b>INCIDENTALS</b>		

**Project Number: 210278**

**PID: 113414**

**Ross**

US 35-32.62 OH20-01

E201(094)

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DBE Goal: 5.0%

Date Set for Completion: 10/1/2021

Type: SLIDE REPAIR

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN JEFFERSON TOWNSHIP, ROSS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY EXCAVATING AND BENCHING A SLIDE, REPLACING ASPHALT PAVEMENT, 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	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	1,223.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	68.000
0005	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	500.000
0006	202E75000	FENCE REMOVED (WT: NR)	FT	260.000
0007	203E10000	EXCAVATION (WT: 04)	CY	1,400.000
0008	203E10000	EXCAVATION (SPECIAL BENCHING) (WT: 04)	CY	31,539.000
0009	203E20000	EMBANKMENT (WT: 04)	CY	1,104.000
0010	203E20000	EMBANKMENT (SPECIAL BENCHING) (WT: 04)	CY	21,814.000
0011	203E35001	GRANULAR EMBANKMENT, AS PER PLAN (WT: 04)	CY	1,334.000
0012	203E35110	GRANULAR MATERIAL, TYPE B (WT: 04)	CY	798.000
0013	203E45130	GRANULAR MATERIAL, TYPE D (WT: 04)	TON	811.000
0014	204E10000	SUBGRADE COMPACTION (WT: 04)	SY	1,306.000
0015	204E45000	PROOF ROLLING (WT: NR)	HOUR	0.700
0016	209E60200	LINEAR GRADING (WT: 06)	STA	5.000
0017	606E15051	GUARDRAIL, TYPE MGS, AS PER PLAN (WT: 36)	FT	500.000
0018	607E15000	FENCE, TYPE 47 (WT: 37)	FT	264.000

0019	690E12010	SPECIAL - GEOTEXTILE FABRIC, 712.09, TYPE A (WT: 04)	SY	6,453.000
0020	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0021	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT UNDERLAYMENT (WT: 35)	SY	25.000
0022	601E28000	DUMPED ROCK FILL, TYPE D (WT: 35)	CY	6,801.000
0023	659E00300	TOPSOIL (WT: 46)	CY	659.000
0024	659E10000	SEEDING AND MULCHING (WT: 46)	SY	5,932.000
0025	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	297.000
0026	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.800
0027	659E31000	LIME (WT: 46)	ACRE	1.200
0028	659E35000	WATER (WT: 46)	MGAL	32.000
0029	832E30000	EROSION CONTROL (WT: 08)	EACH	18,000.000
0030	836E10000	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1 (WT: 46)	SY	4,593.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0031	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.300
0032	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	500.000
0033	605E11100	6" SHALLOW PIPE UNDERDRAINS (WT: 35)	FT	500.000
0034	611E01400	6" CONDUIT, TYPE E 707.31 (PERFORATED) (WT: 35)	FT	1,514.000
0035	611E01500	6" CONDUIT, TYPE F, 707.33 (WT: 35)	FT	346.000
0036	611E05900	15" CONDUIT, TYPE B, 707.01 (WT: 35)	FT	33.000
0037	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	4.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0038	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	544.000
0039	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, (1") (WT: 13)	SY	518.000
0040	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	340.000
0041	304E20000	AGGREGATE BASE (WT: 09)	CY	365.000
0042	407E10000	TACK COAT (WT: 10)	GAL	179.000
0043	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	14.400

0044	441E50701	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL), AS PER PLAN (WT: 10)	CY	13.000
0045	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (WT: 10)	CY	51.000
0046	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) (WT: 10)	CY	60.000
0047	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	2,830.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0048	621E00100	RPM (WT: 41)	EACH	47.000
0049	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	47.000
0050	626E00112	BARRIER REFLECTOR, TYPE 3, (ONE-WAY) (WT: NR)	EACH	10.000
0051	644E00104	EDGE LINE, 6" (WT: 45)	MILE	1.400
0052	644E00204	LANE LINE, 6" (WT: 45)	MILE	0.700
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0053	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	16.000
0054	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	1.000
0055	614E13310	BARRIER REFLECTOR, TYPE 1, (ONE-WAY) (WT: NR)	EACH	18.000
0056	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	18.000
0057	614E22010	WORK ZONE EDGE LINE, CLASS I, 6" (WT: 39)	MILE	1.100
0058	614E24000	WORK ZONE DOTTED LINE, CLASS I (WT: 39)	FT	840.000
0059	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	659.000
0060	616E10000	WATER (WT: NR)	MGAL	110.000
0061	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	830.000
<b>Total 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0007</b>	<b>INCIDENTALS</b>		
0062	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0063	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0064	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	3.000
0065	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000

0066	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0007</b>		<b>INCIDENTALS</b>		

**Project Number: 210279**  
**PID: 102384**  
**Scioto**  
US 23 & SR 73 Portsmouth  
E170(509)

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DBE Goal: 7.0%

Date Set for Completion: 10/31/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF PORTSMOUTH, SCIOTO COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPAIRING AND RESURFACING EXISTING ASPHALT, STRUCTURE REPAIRS, AND RELATED WORK**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E30000	WALK REMOVED (WT: NR)	SF	437.000
0002	202E32000	CURB REMOVED (WT: NR)	FT	92.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,263.000
0004	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	2.000
0005	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	4.000
0006	209E60200	LINEAR GRADING (WT: 06)	STA	16.000
0007	209E70000	BORROW (WT: 06)	CY	20.000
0008	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	1,263.000
0009	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350/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	608E10000	4" CONCRETE WALK (WT: 38)	SF	437.000
0014	609E26001	CURB, TYPE 6, AS PER PLAN (WT: 38)	FT	92.000
0015	626E00112	BARRIER REFLECTOR, TYPE 3, BIDIRECTIONAL (WT: NR)	EACH	14.000
0016	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	15.000

Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0017	832E30000	EROSION CONTROL (WT: 08)	EACH	2,500.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0018	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	16.000
0019	611E99150	INLET ADJUSTED TO GRADE (WT: 35)	EACH	52.000
0020	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	162.000
0021	638E10900	SERVICE BOX ADJUSTED TO GRADE (WT: 35)	EACH	44.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0022	251E01001	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN (WT: 16)	SY	500.000
0023	253E01001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	SY	75.000
0024	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	90,091.000
0025	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	19,315.000
0026	255E10011	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC1, AS PER PLAN (WT: 17)	SY	225.000
0027	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	750.000
0028	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	7,658.000
0029	441E50100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (WT: 10)	CY	1,942.000
0030	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	2,215.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0031	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.010
0032	644E00204	LANE LINE, 6" (WT: 45)	MILE	3.430
0033	644E00300	CENTER LINE (WT: 45)	MILE	1.880
0034	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	3,465.000
0035	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	430.000
0036	644E00500	STOP LINE (WT: 45)	FT	648.000
0037	644E00600	CROSSWALK LINE (WT: 45)	FT	3,081.000
0038	644E01200	PARKING LOT STALL MARKING (WT: 45)	FT	96.000
0039	644E01300	LANE ARROW (WT: 45)	EACH	53.000
0040	644E01410	WORD ON PAVEMENT, 96" (WT: 45)	EACH	12.000
Total 0005		TRAFFIC CONTROL		

Section 0006		MAINTENANCE OF TRAFFIC		
0041	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	60.000
0042	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	88.000
0043	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	6.860
0044	614E21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I (WT: 39)	MILE	0.060
0045	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	3.760
0046	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	0.720
0047	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.020
0048	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	6,930.000
0049	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	860.000
0050	614E24402	WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	FT	633.000
0051	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	1,296.000
0052	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	6,162.000
0053	614E31670	WORK ZONE WORD ON PAVEMENT, 96", CLASS III, 642 PAINT (WT: 39)	EACH	24.000
0054	616E10000	WATER (WT: NR)	MGAL	22.840
Total 0006		MAINTENANCE OF TRAFFIC		
Section 0007		STRUCTURE REPAIR (SCI-23-01.57)		
0055	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0056	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	1,608.000
0057	407E10000	TACK COAT (WT: 10)	GAL	89.000
0058	407E13900	TACK COAT, 702.13 (WT: 10)	GAL	113.000
0059	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	60.000
0060	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	920.000
0061	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	94.000
0062	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	17.000



0063	513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 24)	LB	5,224.000
0064	514E20001	FIELD PAINTING OF DAMAGED STRUCTURAL STEEL, AS PER PLAN (WT: 26)	SF	2,093.000
0065	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	46.000
0066	516E14600	STRUCTURAL JOINT OR JOINT SEALER, MISC.: 3" PRECOMPRESSED EXPANSION JOINT FILLER (WT: 29)	FT	127.000
0067	516E14600	STRUCTURAL JOINT OR JOINT SEALER, MISC.: 3.5" PRECOMPRESSED EXPANSION JOINT FILLER (WT: 29)	FT	27.000
0068	516E45305	REFURBISH BEARING DEVICE, AS PER PLAN (WT: 29)	EACH	20.000
0069	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 29)	LS	1.000
0070	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	132.000
0071	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	82.000
0072	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	60.000
<b>Total 0007      STRUCTURE REPAIR (SCI-23-01.57)</b>				
<b>Section</b>	<b>0008</b>	<b>INCIDENTALS</b>		
0073	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0074	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0075	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0076	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	2.000
0077	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0078	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008      INCIDENTALS</b>				

**Project Number: 210280**

**PID: 100891**

**Scioto**

SR 139-11.38

E170(242)

DBE Goal: 10.0%

Date Set for Completion: 11/5/2022

Type: BRIDGE REPLACEMENT (1 BRIDGE)

Plan Cost: N/A

**FOR IMPROVING SCI-139-11.38 IN SCIOTO COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING BRIDGE NO. SCI-139-1138, A THREE SPAN PRESTRESSED CONCRETE I-BEAM WITH REINFORCED CONCRETE DECK ON REINFORCED CONCRETE SUBSTRUCTURE, ON DRILLED SHAFTS, (SPANS: 3 @ 53'-4"; ROADWAY: 37' FACE/FACE OF RAILING), OVER ROCKY FORK 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	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	701.000
0003	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	6.000
0004	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	1.000
0005	202E75000	FENCE REMOVED (WT: NR)	FT	161.000
0006	202E75250	GATE REMOVED (WT: NR)	EACH	1.000
0007	203E10000	EXCAVATION (WT: 06)	CY	1,233.000
0008	203E20000	EMBANKMENT (WT: 06)	CY	831.000
0009	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	21.000
0010	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	3,076.000
0011	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	962.000
0012	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	995.000
0013	204E45000	PROOF ROLLING (WT: NR)	HOUR	2.000
0014	204E51000	GEOGRID (WT: 06)	SY	3,016.000
0015	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	600.000
0016	606E25000	ANCHOR ASSEMBLY, TYPE A (WT: 36)	EACH	2.000
0017	606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	EACH	4.000

0018	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	2.000
0019	606E35000	BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
0020	863E00100	GEOGRID, TYPE P1 (WT: 06)	SY	2,337.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0021	601E10000	RIPRAP (WT: 35)	SY	4.000
0022	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	4.000
0023	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	341.000
0024	601E32300	ROCK CHANNEL PROTECTION, TYPE D WITH FILTER (WT: 35)	CY	30.000
0025	659E00300	TOPSOIL (WT: 46)	CY	107.000
0026	659E00510	SEEDING AND MULCHING, CLASS 2 (WT: 46)	SY	2,739.000
0027	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	137.000
0028	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.370
0029	659E31000	LIME (WT: 46)	ACRE	0.570
0030	659E35000	WATER (WT: 46)	MGAL	15.000
0031	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	965.000
0032	670E00710	DITCH EROSION PROTECTION MAT, TYPE A (WT: 46)	SY	274.000
0033	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0034	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0035	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0036	832E30000	EROSION CONTROL (WT: 08)	EACH	17,012.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0037	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.270
0038	605E06000	4" BASE PIPE UNDERDRAINS (WT: 35)	FT	1,531.000
0039	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	40.000
0040	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	50.000
0041	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	50.000
0042	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	50.000
0043	611E06400	15" CONDUIT, TYPE D (WT: 35)	FT	33.000

0044	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	4.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0045	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	410.000
0046	304E20000	AGGREGATE BASE (WT: 09)	CY	514.000
0047	407E10000	TACK COAT (WT: 10)	GAL	347.000
0048	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	41.000
0049	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	101.000
0050	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	141.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0051	621E00100	RPM (WT: 41)	EACH	42.000
0052	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	41.000
0053	626E00112	BARRIER REFLECTOR, TYPE 3 (BI-DIRECTIONAL) (WT: NR)	EACH	21.000
0054	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	135.500
0055	630E02101	GROUND MOUNTED SUPPORT, NO. 2 POST, AS PER PLAN (WT: 42)	FT	17.000
0056	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	29.000
0057	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	2.000
0058	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	42.000
0059	630E80500	SIGN, DOUBLE FACED, STREET NAME (WT: 42)	EACH	1.000
0060	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	13.000
0061	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0062	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	13.000
0063	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.420
0064	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.240
0065	642E00500	STOP LINE, TYPE 1, 24" (WT: 45)	FT	20.000
Total 0005		TRAFFIC CONTROL		
Section 0006	MAINTENANCE OF TRAFFIC			

0066	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	80.000
0067	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	1,880.000
0068	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	4.000
0069	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0070	614E13310	BARRIER REFLECTOR, TYPE 1, (BIDIRECTIONAL) (WT: NR)	EACH	37.000
0071	614E13314	BARRIER REFLECTOR, TYPE 3, (BIDIRECTIONAL) (WT: NR)	EACH	19.000
0072	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	56.000
0073	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	0.730
0074	614E22300	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE II (WT: 39)	MILE	0.080
0075	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	48.000
0076	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	785.000
0077	616E10000	WATER (WT: NR)	MGAL	4.500
0078	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	910.000
0079	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	970.000

**Total 0006 MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0007</b>	<b>STRUCTURE REPAIR (SCI-139-11.38)</b>		
0080	202E11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0081	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	129.000
0082	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	582.000
0083	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 21)	LS	1.000
0084	503E21100	UNCLASSIFIED EXCAVATION (WT: 21)	CY	639.000
0085	503E31100	ROCK EXCAVATION (WT: 21)	CY	128.000
0086	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	91,780.000
0087	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 21)	EACH	12.000
0088	511E32212	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (WT: 21)	CY	250.000
0089	511E33500	SEMI-INTEGRAL DIAPHRAGM GUIDE (WT: 21)	EACH	2.000
0090	511E43212	CLASS QC1 CONCRETE WITH QC/QA, PIER (WT: 21)	CY	70.000
0091	511E44112	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING (WT: 21)	CY	71.000

0092	511E46512	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (WT: 21)	CY	53.000
0093	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	389.000
0094	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	108.000
0095	515E15000	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE 2 (52'-8" BEAM LENGTH) (WT: 21)	EACH	4.000
0096	515E15000	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE 2 (53'-10" BEAM LENGTH) (WT: 21)	EACH	8.000
0097	515E20000	INTERMEDIATE DIAPHRAGMS (WT: 21)	EACH	9.000
0098	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	49.000
0099	516E14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: 21)	FT	98.000
0100	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (11 1/2 "x14"x2 3/16 ") (WT: 21)	EACH	16.000
0101	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (12 1/2 "x14"x2 3/16") (WT: 21)	EACH	8.000
0102	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	326.000
0103	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	49.000
0104	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 21)	FT	326.000
0105	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	109.000
0106	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	91.000
0107	524E94705	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	48.000
0108	524E94803	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	111.000
0109	524E94805	DRILLED SHAFTS, 42" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	48.000
0110	526E25010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") (WT: 29)	SY	206.000
0111	526E90010	TYPE A INSTALLATION (WT: 29)	FT	77.000
0112	840E23000	SELECT GRANULAR BACKFILL (WT: 21)	CY	456.000
0113	894E10000	THERMAL INTEGRITY PROFILING (TIP) TEST (WT: NR)	EACH	4.000

0114	894E10100	CONCRETE CORE SAMPLING AND GROUTING (WT: NR)	FT	11.000
0115	894E10200	CONCRETE CORE STRENGTH TEST (WT: NR)	EACH	4.000
<b>Total 0007</b>		<b>STRUCTURE REPAIR (SCI-139-11.38)</b>		

<b>Section 0008</b>	<b>INCIDENTALS</b>			
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	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0119	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0120	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008</b>		<b>INCIDENTALS</b>		

**Project Number: 210281**  
**PID: 95778**  
**Seneca**  
SR 53/SR 100-08.36/00.00 Resurf  
E150(443)

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DBE Goal: 7.0%

Date Set for Completion: 11/1/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

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

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E30000	WALK REMOVED (WT: NR)	SF	4,082.000
0002	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	944.000
0003	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	11.000
0004	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	1.000
0005	209E60500	LINEAR GRADING (WT: 06)	MILE	16.000
0006	209E72050	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	MILE	16.000
0007	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	725.000
0008	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	11.000
0009	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0010	606E35140	BRIDGE TERMINAL ASSEMBLY, TYPE 4 (WT: 36)	EACH	4.000
0011	608E10000	4" CONCRETE WALK (WT: 38)	SF	3,842.000
0012	608E13000	6" CONCRETE WALK (WT: 38)	SF	369.000
0013	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	436.000
0014	608E53020	DETECTABLE WARNING (WT: 38)	SF	32.000
0015	609E26000	CURB, TYPE 6 (WT: 38)	FT	13.000
0016	611E98630	CATCH BASIN ADJUSTED TO GRADE (WITH BICYCLE SAFE GRATE) (WT: 35)	EACH	8.000



0017	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	8.000
0018	623E40900	MONUMENT, MISC.: (MON BOX LID) (WT: NR)	EACH	2.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0019	832E30000	EROSION CONTROL (WT: 08)	EACH	2,000.000
Total 0002		EROSION CONTROL		
Section 0003	PAVEMENT			
0020	253E02000	PAVEMENT REPAIR (WT: 16)	CY	3,538.000
0021	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (3") (WT: 13)	SY	127,548.000
0022	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (3 1/4") (WT: 13)	SY	19,013.000
0023	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	20,520.000
0024	424E12001	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN (WT: 10)	CY	3,685.000
0025	441E10200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446) (WT: 10)	CY	7,144.000
0026	441E50401	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), AS PER PLAN (WT: 10)	CY	71.000
0027	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN (1.5", PG-70-22M) (WT: 10)	CY	793.000
0028	442E10101	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN (1.75", PG-64-28) (WT: 10)	CY	926.000
0029	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	1,043.000
0030	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	8,613.000
Total 0003		PAVEMENT		
Section 0004	TRAFFIC CONTROL			
0031	621E00100	RPM (WT: 41)	EACH	537.000
0032	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	355.000
0033	626E00116	BARRIER REFLECTOR, TYPE 5 (BIDIRECTIONAL) (WT: NR)	EACH	26.000
0034	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	16.410
0035	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.620
0036	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	9.280
0037	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	368.000
0038	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	2,141.000

0039	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	552.000
0040	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	22.000
0041	642E01400	WORD ON PAVEMENT, 72", TYPE 1 (WT: 45)	EACH	15.000
<b>Total 0004</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0005</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0042	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	72.000
0043	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	5.000
0044	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	10.000
0045	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	22.060
0046	614E21400	WORK ZONE CENTER LINE, CLASS II (WT: 39)	MILE	9.710
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0006</b>	<b>STRUCTURE REPAIR (SEN-100-3.90)</b>		
0047	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	269.000
0048	202E38602	BRIDGE RAILING REMOVED FOR REUSE (WT: NR)	FT	87.500
0049	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (VARIES) (WT: 13)	SY	650.000
0050	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	16.000
0051	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	126.000
0052	516E31200	SPECIAL - SAWING AND SEALING BITUMINOUS CONCRETE JOINTS (WT: 29)	FT	124.000
0053	517E75501	BRIDGE RAILING REBUILT, AS PER PLAN (WT: 36)	FT	87.500
0054	517E75601	DEEP BEAM BRIDGE RETROFIT RAILING, AS PER PLAN (WT: 36)	FT	87.500
0055	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 29)	FT	90.000
<b>Total 0006</b>		<b>STRUCTURE REPAIR (SEN-100-3.90)</b>		
<b>Section</b>	<b>0007</b>	<b>INCIDENTALS</b>		
0056	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0057	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0058	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0059	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0007</b>		<b>INCIDENTALS</b>		

**Project Number: 210282**  
**PID: 108372**  
**Summit**  
 2nd St/Wooster Rd/Norton Rd  
 E191(064)

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DBE Goal: 7.0%  
 Date Set for Completion: 9/30/2021  
 Type: FOUR LANE RESURFACING

Plan Cost: N/A

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

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	202E23500	WEARING COURSE REMOVED (0" MIN. - 2" MAX. OR TO TOP OF BRICK) (WT: NR)	SY	1,319.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	5,665.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	1,876.000
0005	203E10000	EXCAVATION (FOR PAVEMENT REPAIR) (WT: 06)	CY	300.000
0006	608E10000	4" CONCRETE WALK (WT: 38)	SF	2,915.000
0007	608E52000	CURB RAMP (WT: 38)	SF	3,100.000
0008	623E39501	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN (WT: NR)	EACH	2.000
0009	690E98400	SPECIAL - PRE-CONSTRUCTION VIDEO (WT: NR)	LS	1.000
<b>Total</b>	<b>0001</b>	<b>Roadway</b>		
<b>Section</b>	<b>0002</b>	<b>Erosion Control</b>		
0010	209E60200	LINEAR GRADING (WT: 06)	STA	11.000
0011	209E72001	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	STA	11.000
0012	659E10000	SEEDING AND MULCHING (WT: 46)	SY	4.000
0013	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.040
0014	659E31000	LIME (WT: 46)	ACRE	0.040
0015	659E35000	WATER (WT: 46)	MGAL	0.020

0016	832E30001	EROSION CONTROL, AS PER PLAN (WT: 08)	EACH	7,500.000
Total	0002	Erosion Control		
Section	0003	Drainage		
0017	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	1,876.000
0018	611E98631	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	42.000
0019	611E98635	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	3.000
0020	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	63.000
0021	611E99661	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN (WT: 35)	EACH	5.000
0022	611E99820	SPECIAL - MISCELLANEOUS METAL (WT: 35)	LB	20,000.000
Total	0003	Drainage		
Section	0004	Pavement		
0023	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	1,800.000
0024	253E01000	PAVEMENT REPAIR (WT: 16)	SY	1,800.000
0025	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (T = 2") (WT: 13)	SY	35,769.000
0026	304E20001	AGGREGATE BASE, AS PER PLAN (FOR PAVEMENT REPAIR) (WT: 09)	CY	300.000
0027	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	5,226.000
0028	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	69.000
0029	424E10001	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE A, AS PER PLAN (WT: 10)	CY	774.000
0030	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG64-22) (WT: 10)	CY	43.000
0031	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (PG64-22) (WT: 10)	CY	1,307.000
0032	609E26000	CURB, TYPE 6 (WT: 38)	FT	1,500.000
0033	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	13.000
0034	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	1,313.000
Total	0004	Pavement		
Section	0005	Water Work		
0035	638E10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	44.000
0036	638E10901	SERVICE BOX ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	1.000

Total 0005		Water Work		
Section	0006	Traffic Control		
0037	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	229.100
0038	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	221.300
0039	630E08520	STREET NAME SIGN SUPPORT, NO. 3 POST (WT: 42)	FT	16.300
0040	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	1.000
0041	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	181.500
0042	630E80101	SIGN, FLAT SHEET, AS PER PLAN (WT: 42)	SF	32.000
0043	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	17.000
0044	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	11.000
0045	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0046	630E97700	SIGNING, MISC.: REMOVAL OF SOLAR POWERED LED ENHANCED PEDESTRIAN CROSSING SIGN (WT: 42)	EACH	2.000
0047	630E97700	SIGNING, MISC.: SOLAR POWERED LED ENHANCED PEDESTRIAN CROSSING SIGN (WT: 42)	EACH	2.000
0048	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	5.000
0049	644E00100	EDGE LINE, 4" (WT: 45)	MILE	0.090
0050	644E00104	EDGE LINE, 6" (WT: 45)	MILE	1.030
0051	644E00200	LANE LINE, 4" (WT: 45)	MILE	0.040
0052	644E00300	CENTER LINE (WT: 45)	MILE	2.390
0053	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	1,022.000
0054	644E00500	STOP LINE (WT: 45)	FT	227.000
0055	644E00600	CROSSWALK LINE (WT: 45)	FT	718.000
0056	644E00601	CROSSWALK LINE, AS PER PLAN (WT: 45)	FT	320.000
0057	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	149.000
0058	644E00720	CHEVRON MARKING (WT: 45)	FT	108.000
0059	644E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	3.000
0060	644E01110	SCHOOL SYMBOL MARKING, 96" (WT: 45)	EACH	1.000
0061	644E01300	LANE ARROW (WT: 45)	EACH	46.000
0062	644E01500	DOTTED LINE, 4" (WT: 45)	FT	724.000
0063	644E01630	BIKE LANE SYMBOL MARKING (WT: 45)	EACH	34.000
0064	644E19000	SHARED LANE MARKING (WT: 45)	EACH	1.000

0065	644E60000	GREEN COLORED PAVEMENT FOR BIKE LANES (WT: 45)	SF	469.000
<b>Total 0006</b>		<b>Traffic Control</b>		
<b>Section</b>	<b>0007</b>	<b>Maintenance of Traffic</b>		
0066	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	60.000
0067	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	50.000
0068	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	10.000
0069	614E20100	WORK ZONE LANE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	0.080
0070	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	0.040
0071	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	4.780
0072	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	2.390
0073	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	2.240
0074	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	1.120
0075	614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	2,044.000
0076	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	1,022.000
0077	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	454.000
0078	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	227.000
0079	616E10000	WATER (WT: NR)	MGAL	20.000
<b>Total 0007</b>		<b>Maintenance of Traffic</b>		
<b>Section</b>	<b>0008</b>	<b>INCIDENTALS</b>		
0080	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0081	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0082	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0083	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0084	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0085	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0008      INCIDENTALS**

**Project Number: 210283**

**PID: 88940**

**Trumbull**

**SR 11-07.68**

**E170(435)**

DBE Goal: 7.0%

Date Set for Completion: 9/30/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS OF LIBERTY TOWNSHIP AND VIENNA TOWNSHIP, OF TRUMBULL COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING AND RESURFACING 2.29 MILES OF SR-11 AND RAMPS AT THE INTERCHANGE OF SR-82, INCLUDING OTHER 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	209E60200	LINEAR GRADING (WT: 06)	STA	404.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0002	659E10000	SEEDING AND MULCHING (WT: 46)	SY	22,446.000
0003	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	3.020
0004	659E31000	LIME (WT: 46)	ACRE	4.640
0005	659E35000	WATER (WT: 46)	MGAL	121.200
0006	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>		
0007	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) TRANSVERSE (WT: 16)	SY	1,500.000
0008	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441), LONGITUDINAL (WT: 16)	SY	1,500.000
0009	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T= 1 1/2") (WT: 13)	SY	158,301.000
0010	407E20000	NON-TRACKING TACK COAT @ 0.09 GAL/SY (WT: 10)	GAL	14,248.000
0011	408E10001	PRIME COAT, AS PER PLAN @ 0.4 GAL/SY (WT: 10)	GAL	6,543.000
0012	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	4,228.000



0013	442E10301	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN (T= 1 1/2") (WT: 10)	CY	6,617.000
0014	617E10101	COMPACTED AGGREGATE, AS PER PLAN (T= 2") (WT: 06)	CY	791.000
0015	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	14.000
<b>Total 0003</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
0016	621E00100	RPM (WT: 41)	EACH	456.000
0017	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	365.000
0018	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	14.340
0019	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	4.580
0020	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	6,900.000
0021	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	4,920.000
0022	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	700.000
0023	646E10620	CHEVRON MARKING (WT: 45)	FT	510.000
<b>Total 0004</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0005</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0024	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	300.000
0025	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	36.000
0026	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000
0027	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	32.000
0028	614E20010	WORK ZONE LANE LINE, CLASS I, 6" (WT: 39)	MILE	4.580
0029	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	4.580
0030	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	14.340
0031	614E23010	WORK ZONE CHANNELIZING LINE, CLASS I, 12" (WT: 39)	FT	6,900.000
0032	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	6,900.000
0033	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	36.000
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0006</b>	<b>INCIDENTALS</b>		

0034	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0035	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0036	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0037	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0038	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0006</b>		<b>INCIDENTALS</b>		

Project Number: 210284

PID: 110690

Union

/DEL SP FY21-GEN

E201(122)

DBE Goal: 5.0%

Date Set for Completion: 10/15/2021

Type: SPOT PATCHING / PAVEMENT REPAIR

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS WITHIN DELAWARE, LIBERTY, WASHINGTON, YORK TOWNSHIPS, OF DELAWARE AND UNION COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY PERFORMING 4.5" DEEP PAVEMENT REPAIRS ALONG STATE ROUTE 739 FROM SLM 8.06-14.13 AND DELAWARE COUNTY TOWNSHIP ROUTE 216/HUDSON ROAD FROM SLM 0.00-1.44. PROJECT INCLUDES A MINOR AMOUNT OF ROADWAY STRIPING. A LOCAL DETOUR WILL BE ESTABLISHED TO PERFORM THE REPAIRS ON TR 216/HUDSON ROAD.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
0001	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total</b>	<b>0001</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0002</b>	<b>PAVEMENT</b>		
0002	251E01001	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN, TYPE 1, 4.5" - VARIABLE WIDTH (WT: 16)	SY	22,203.000
0003	251E01001	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN, TYPE 2, 4.5" - VARIABLE WIDTH (WT: 16)	SY	4,525.000
0004	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	50.000
0005	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	20.000
<b>Total</b>	<b>0002</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		
0006	621E00101	RPM, AS PER PLAN (WT: 41)	EACH	50.000
0007	642E00114	EDGE LINE, 6", TYPE 1A (WT: 45)	MILE	16.140
0008	642E00310	CENTER LINE, TYPE 1A (WT: 45)	MILE	9.850
0009	642E00510	STOP LINE, TYPE 1A (WT: 45)	FT	131.000
<b>Total</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		

<b>Section 0004</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0010	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0011	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	10.000
0012	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.250
<b>Total 0004</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0005</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	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0016	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0005</b>		<b>INCIDENTALS</b>		

**Project Number: 210285**

**PID: 107657**

**Cuyahoga**

**IR 480-21.30 WB Safety**

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EDGE Goal: 8%

Date Set for Completion: 8/15/2022

Type: INTERCHANGE

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS OF THE CITIES OF GARFIELD HEIGHTS AND MAPLE HEIGHTS, OF CUYAHOGA COUNTY, OF OHIO IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY WIDENING A SECTION OF WESTBOUND IR-480. PROJECT ALSO INCLUDES MILLING & FILLING ROADWAY AND REPLACING THE OVERLAYS OF TWO BRIDGES (CUY-480-2139 & CUY-480-2154), INCLUDING PARTIAL REMOVAL & REPLACEMENT OF THE EXISTING CONCRETE DECKS, PARAPETS AND ABUTMENTS, AND OTHER 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	202E23000	PAVEMENT REMOVED (WT: NR)	SY	3,683.000
0003	202E30700	CONCRETE BARRIER REMOVED (WT: NR)	FT	40.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	409.000
0005	203E10000	EXCAVATION (WT: 06)	CY	1,791.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	436.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	3,666.000
0008	204E13001	EXCAVATION OF SUBGRADE, AS PER PLAN (WT: 06)	CY	280.000
0009	204E45000	PROOF ROLLING (WT: NR)	HOUR	3.000
0010	209E15051	RESHAPING UNDER GUARDRAIL, AS PER PLAN (WT: 06)	MILE	1.000
0011	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	563.000
0012	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, (MASH 2016) (WT: 36)	EACH	3.000
0013	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0014	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	3.000
0015	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	2.000

0016	622E10201	BARRIER TRANSITION, AS PER PLAN (WT: 38)	EACH	4.000
0017	622E24000	CONCRETE BARRIER, TYPE D (WT: 38)	FT	21.000
0018	622E25000	CONCRETE BARRIER END SECTION, TYPE D (WT: 38)	EACH	1.000
0019	622E25050	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D (WT: 38)	EACH	1.000
0020	626E00110	BARRIER REFLECTOR, TYPE 2, ONE-WAY (WT: NR)	EACH	16.000
0021	872E10000	VOID REDUCING ASPHALT MEMBRANE (VRAM) (WT: 10)	FT	3,591.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0022	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	1.000
0023	659E00300	TOPSOIL (WT: 46)	CY	200.000
0024	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,833.000
0025	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	285.000
0026	659E15000	INTER-SEEDING (WT: 46)	SY	285.000
0027	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.000
0028	659E31000	LIME (WT: 46)	ACRE	1.000
0029	659E35000	WATER (WT: 46)	MGAL	0.100
0030	659E40000	MOWING (WT: 46)	MSF	0.100
0031	670E00200	VEGETATED SWALE EROSION PROTECTION (WT: 46)	SY	201.000
0032	671E15050	EROSION CONTROL MAT, TYPE F (WT: 46)	SY	156.000
0033	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0034	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0035	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0036	832E30000	EROSION CONTROL (WT: 08)	EACH	25,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0037	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	3.000
0038	602E20000	CONCRETE MASONRY (WT: 35)	CY	5.000
0039	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	3,099.000
0040	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	111.000
0041	611E05900	15" CONDUIT, TYPE B, RCP (WT: 35)	FT	8.000
0042	611E06100	15" CONDUIT, TYPE C, CMP (WT: 35)	FT	8.000

0043	611E07400	18" CONDUIT, TYPE B, RCP (WT: 35)	FT	60.000
0044	611E07600	18" CONDUIT, TYPE C, RCP (WT: 35)	FT	87.000
0045	611E98150	CATCH BASIN, NO. 3 (WT: 35)	EACH	2.000
0046	611E98300	CATCH BASIN, NO. 5 (WT: 35)	EACH	2.000
0047	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0048	611E99575	MANHOLE, NO. 3, AS PER PLAN (WT: 35)	EACH	1.000
0049	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	2.000

**Total 0003 DRAINAGE**

<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0050	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2.5" (WT: 13)	SY	25,113.000
0051	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	974.000
0052	304E20000	AGGREGATE BASE (WT: 09)	CY	611.000
0053	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	5,101.930
0054	441E50701	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL), AS PER PLAN (WT: 10)	CY	7.000
0055	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76- 22M (WT: 10)	CY	1,246.270
0056	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	402.000
0057	442E20100	ASPHALT CONCRETE INTERMEDIATE COURSE, 9.5 MM, TYPE A (448) (WT: 10)	CY	792.310
0058	609E24510	CURB, TYPE 4-C (WT: 38)	FT	54.000
0059	609E26000	CURB, TYPE 6 (WT: 38)	FT	225.000
0060	618E40101	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN (WT: NR)	FT	2,600.000
0061	618E40601	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN (WT: NR)	MILE	2.450

**Total 0004 PAVEMENT**

<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0062	620E00500	DELINEATOR, POST GROUND MOUNTED (WT: NR)	EACH	12.000
0063	621E00100	RPM (WT: 41)	EACH	194.000
0064	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	156.000
0065	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	29.000

0066	630E75000	SIGN ATTACHMENT ASSEMBLY (WT: 42)	EACH	3.000
0067	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	16.000
0068	630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	SF	770.000
0069	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0070	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0071	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	3.000
0072	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	2.520
0073	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	2.440
0074	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	2,593.000
0075	642E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	0.930
0076	646E10010	EDGE LINE, 6" (WT: 45)	MILE	2.510
0077	646E10110	LANE LINE, 6" (WT: 45)	MILE	2.440
0078	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	2,593.000
0079	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	578.000
0080	646E20504	DOTTED LINE, 6" (WT: 45)	FT	1,538.000

**Total 0005      TRAFFIC CONTROL**

<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0081	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	40.000
0082	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	7.000
0083	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0084	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	3.000
0085	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	10.000
0086	614E12800	WORK ZONE RAISED PAVEMENT MARKER (WT: 39)	EACH	983.000
0087	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	100.000
0088	614E13310	BARRIER REFLECTOR, TYPE 1, ONE-WAY (WT: NR)	EACH	225.000
0089	614E13350	OBJECT MARKER, ONE WAY, ONE-WAY (WT: NR)	EACH	225.000
0090	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	8.000
0091	614E20100	WORK ZONE LANE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	3.160



0092	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	4.650
0093	614E23200	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT (WT: 39)	FT	16,879.000
0094	614E24200	WORK ZONE DOTTED LINE, CLASS I, 4", 642 PAINT (WT: 39)	FT	3,039.000
0095	616E10000	WATER (WT: NR)	MGAL	4.000
0096	622E41031	PORTABLE BARRIER, 50", BRIDGE MOUNTED, AS PER PLAN (WT: 39)	FT	2,768.000
0097	622E41050	PORTABLE BARRIER, "Y" CONNECTOR (WT: 39)	EACH	2.000
0098	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	6,636.000
0099	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	8.000

**Total 0006 MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0007</b>	<b>STRUCTURE REPAIR (1813374)</b>		
0100	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0101	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	31,920.000
0102	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	200.000
0103	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (EPOXY) (WT: 23)	EACH	2,567.000
0104	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	18.000
0105	511E34448	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 29)	CY	138.000
0106	511E44110	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING (WT: 29)	CY	25.000
0107	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	839.000
0108	513E21501	REPLACEMENT OF DETERIORATED END CROSSFRAMES, AS PER PLAN (WT: 24)	LB	3,528.000
0109	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	160.000
0110	625E29941	BARRIER JUNCTION BOX, AS PER PLAN (WT: 43)	EACH	2.000
0111	848E10200	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, 1/2 INCH (WT: 29)	SY	3,891.000

0112	848E20000	SURFACE PREPARATION USING HYDRODEMOLITION (WT: 30)	SY	3,891.000
0113	848E30201	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY, AS PER PLAN (WT: 29)	CY	357.000
0114	848E50000	HAND CHIPPING (WT: 29)	SY	394.000
0115	848E50320	EXISTING CONCRETE OVERLAY REMOVED 2.5 INCHES (WT: 29)	SY	3,944.000

**Total 0007      STRUCTURE REPAIR (1813374)**

<b>Section 0008</b>	<b>STRUCTURE REPAIR (1813382)</b>			
0116	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0117	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	14,006.000
0118	509E20001	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN (WT: 23)	LB	200.000
0119	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (EPOXY) (WT: 23)	EACH	990.000
0120	511E34410	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 29)	CY	22.000
0121	511E34448	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET) (WT: 29)	CY	52.000
0122	511E44110	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING (WT: 29)	CY	31.000
0123	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	311.000
0124	513E21501	REPLACEMENT OF DETERIORATED END CROSSFRAMES, AS PER PLAN (WT: 24)	LB	4,410.000
0125	516E11211	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN (WT: 27)	FT	200.000
0126	625E29941	BARRIER JUNCTION BOX, AS PER PLAN (WT: 43)	EACH	3.000
0127	848E10200	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, 1/2 INCH (WT: 29)	SY	1,686.000
0128	848E20000	SURFACE PREPARATION USING HYDRODEMOLITION (WT: 30)	SY	1,686.000
0129	848E30201	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY, AS PER PLAN (WT: 29)	CY	166.000
0130	848E50000	HAND CHIPPING (WT: 29)	SY	175.000

0131	848E50320	EXISTING CONCRETE OVERLAY REMOVED 2.5 INCHES (WT: 29)	SY	1,753.000
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<b>Total 0008</b>	<b>STRUCTURE REPAIR (1813382)</b>
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<b>Section 0009</b>	<b>INCIDENTALS</b>
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0132	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
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0133	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
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0134	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
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0135	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	6.000
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0136	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
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0137	624E10000	MOBILIZATION (WT: NR)	LS	1.000
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<b>Total 0009</b>	<b>INCIDENTALS</b>
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**Project Number: 210286**

**PID: 104270**

**D03**

CRA, ERI, HUR

LOOP FY2021

Date Set for Completion: 5/31/2023

Type: SIGNALIZATION

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN ASHLAND, CRAWFORD, ERIE, HURON, LORAIN, MEDINA, RICHLAND, AND WAYNE COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MAINTAINING AND UPGRADING TRAFFIC SIGNALS, 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>DRAINAGE</b>		
0001	611E00401	4" CONDUIT, TYPE E, AS PER PLAN (WT: 35)	FT	50.000
<b>Total</b>	<b>0001</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0002</b>	<b>LIGHTING</b>		
0002	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	10.000
0003	625E00460	CONNECTION, UNFUSED PULL APART (WT: 43)	EACH	5.000
0004	625E00481	CONNECTION, UNFUSED PERMANENT, AS PER PLAN (WT: 43)	EACH	24.000
0005	625E10504	ERECTING REUSABLE DOWNED LIGHT POLE (WT: 43)	EACH	3.000
0006	625E14001	LIGHT POLE FOUNDATION, 24" X 6' DEEP, AS PER PLAN (WT: 43)	EACH	1.000
0007	625E14401	LIGHT POLE FOUNDATION REPAIR, AS PER PLAN (WT: 43)	EACH	10.000
0008	625E14500	LIGHT POLE FOUNDATION (WT: 43)	EACH	1.000
0009	625E23201	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE, AS PER PLAN (WT: 43)	FT	200.000
0010	625E23302	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	200.000
0011	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	100.000
0012	625E24100	1-1/2" DUCT CABLE WITH TWO NO. 4 AWG 2400 VOLT CABLES (WT: 43)	FT	200.000

0013	625E24320	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES (WT: 43)	FT	200.000
0014	625E25100	CONDUIT, 1", 725.04 (WT: 43)	FT	50.000
0015	625E25300	CONDUIT, 1-1/2", 725.04 (WT: 43)	FT	50.000
0016	625E25302	CONDUIT, 1-1/2", 725.05 (WT: 43)	FT	100.000
0017	625E25402	CONDUIT, 2", 725.05 (WT: 43)	FT	50.000
0018	625E25901	CONDUIT, JACKED OR DRILLED, AS PER PLAN: 3" (WT: 43)	FT	100.000
0019	625E27560	LUMINAIRE, INSTALLATION ONLY (WT: 43)	EACH	2.000
0020	625E29001	TRENCH, AS PER PLAN (WT: 43)	FT	200.000
0021	625E29401	TRENCH IN PAVED AREAS, AS PER PLAN (WT: 43)	FT	20.000
0022	625E30701	PULL BOX, 725.08, 18", AS PER PLAN (WT: 43)	EACH	2.000
0023	625E30707	PULL BOX, 725.08, 24", AS PER PLAN (WT: 43)	EACH	1.000
0024	625E31507	PULL BOX REMOVED AND REPLACED, AS PER PLAN, 18" (WT: 43)	EACH	1.000
0025	625E31507	PULL BOX REMOVED AND REPLACED, AS PER PLAN, 24" (WT: 43)	EACH	1.000
0026	625E31600	PULL BOX, MISC.: PULL BOX ADJUSTED TO GRADE (WT: 43)	EACH	6.000
0027	625E32001	GROUND ROD, AS PER PLAN (WT: 43)	EACH	1.000
0028	625E34000	POWER SERVICE (WT: 43)	EACH	1.000
0029	625E34001	POWER SERVICE, AS PER PLAN DISCONNECT (WT: 43)	EACH	1.000
0030	625E34001	POWER SERVICE, AS PER PLAN, METER BASE (WT: 43)	EACH	1.000
0031	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	500.000
0032	625E50301	FRANGIBLE BASE, AS PER PLAN (WT: 43)	EACH	5.000
0033	625E75500	LIGHT POLE FOUNDATION REMOVED (WT: NR)	EACH	1.000
0034	625E98000	LIGHTING, MISC.: LIGHT POLE FOUNDATION ADJUSTED TO GRADE (WT: 43)	EACH	2.000

**Total 0002 LIGHTING**

<b>Section</b>	<b>0003</b>	<b>TRAFFIC SIGNALS</b>		
0035	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, WITH BACKPLATE (WT: 44)	EACH	2.000
0036	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, WITH BACKPLATE (WT: 44)	EACH	2.000

0037	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	2.000
0038	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	4.000
0039	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	2.000
0040	632E27009	LOOP DETECTOR UNIT, DELAY AND EXTENSION TYPE, AS PER PLAN (WT: 44)	EACH	10.000
0041	632E28201	DISCONNECT SWITCH WITH ENCLOSURE, AS PER PLAN (WT: 44)	EACH	1.000
0042	632E40300	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	100.000
0043	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	100.000
0044	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	100.000
0045	632E65203	LOOP DETECTOR LEAD-IN CABLE, INTEGRAL MESSENGER WIRE TYPE, NO. 14 AWG, AS PER PLAN (WT: 44)	FT	300.000
0046	632E65301	LOOP DETECTOR LEAD-IN CABLE, 2 CONDUCTOR, NO. 14 AWG, AS PER PLAN (WT: 44)	FT	1,000.000
0047	632E68201	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG, AS PER PLAN (WT: 44)	FT	35.000
0048	632E68301	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG, AS PER PLAN (WT: 44)	FT	35.000
0049	632E70200	CONDUIT RISER, 1" DIAMETER (WT: 44)	EACH	1.000
0050	632E70300	CONDUIT RISER, 1-1/2" DIAMETER (WT: 44)	EACH	1.000
0051	632E89301	WOOD POLE, AS PER PLAN (WT: 44)	EACH	1.000
0052	632E89400	DOWN GUY (WT: 44)	EACH	2.000
0053	632E89900	PEDESTAL, 8', TRANSFORMER BASE (WT: 44)	EACH	2.000
0054	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: CONDUIT REMOVED AND REPLACED (WT: 44)	EACH	1.000
0055	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: CONTROLLER (WT: 44)	EACH	1.000
0056	632E90500	SIGNALIZATION, MISC.: LOOP DETECTOR PACEMENT CUTTING (WT: 44)	FT	2,000.000
0057	632E90500	SIGNALIZATION, MISC.: LOOP DETECTOR WIRE, TYPE E (WT: 44)	FT	6,000.000
0058	632E90500	SIGNALIZATION, MISC.:REMOVE AND REINSTALL LASHING RODS (WT: 44)	FT	500.000
0059	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	1.000
0060	633E67100	CABINET FOUNDATION (WT: 44)	EACH	1.000

0061	633E67501	UNINTERRUPTIBLE POWER SUPPLY (UPS), BATTERY REPLACEMENT, AS PER PLAN (WT: 44)	EACH	1.000
0062	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0063	633E99000	CONTROLLER ITEM, MISC.: CABINET ENCLOSURE FOR UNINTERRUPTIBLE SUPPLY (UPS) (WT: 44)	EACH	1.000
0064	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	2.000
0065	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	2.000
0066	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN, (COBALT) (WT: 44)	EACH	1.000
<b>Total 0003</b>		<b>TRAFFIC SIGNALS</b>		
<b>Section</b>	<b>0004</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0067	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	24.000
<b>Total 0004</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0005</b>	<b>INCIDENTALS</b>		
0068	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0069	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0070	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0071	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0005</b>		<b>INCIDENTALS</b>		

**Project Number: 210287**

**PID: 103197**

**D12**

GEA, LAK

GR FY2021

EDGE Goal: 5.0%

Date Set for Completion: 12/30/2022

Type: GUARDRAIL REBUILDING

Plan Cost: N/A

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

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	2,500.000
0002	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	2.000
0003	202E42040	ANCHOR ASSEMBLY REMOVED, TYPE T (WT: NR)	EACH	4.000
0004	202E42206	ANCHOR ASSEMBLY REMOVED (WT: NR)	EACH	10.000
0005	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	10.000
0006	209E15001	RESHAPING UNDER GUARDRAIL, AS PER PLAN (WT: 06)	STA	5.000
0007	606E12000	GUARDRAIL, TYPE 5MR (WT: 36)	FT	200.000
0008	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	2,000.000
0009	606E13050	GUARDRAIL, TYPE 5A (WT: 36)	FT	75.000
0010	606E15050	GUARDRAIL, TYPE MGS (WORK ORDER) (WT: 36)	FT	200.000
0011	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	200.000
0012	606E15150	GUARDRAIL, TYPE MGS HALF POST SPACING (WT: 36)	FT	25.000
0013	606E15250	GUARDRAIL, TYPE MGS QUARTER POST SPACING (WT: 36)	FT	25.000
0014	606E15500	GUARDRAIL, BARRIER DESIGN, TYPE 5 (WT: 36)	FT	25.000



0015	606E16051	GUARDRAIL REBUILT, TYPE MGS, AS PER PLAN (WT: 36)	FT	100.000
0016	606E16301	GUARDRAIL REBUILT, TYPE 5MR, AS PER PLAN (WT: 36)	FT	100.000
0017	606E16501	GUARDRAIL REBUILT, TYPE 5, AS PER PLAN (WT: 36)	FT	200.000
0018	606E16701	GUARDRAIL REBUILT, TYPE 5A, AS PER PLAN (WT: 36)	FT	25.000
0019	606E26000	ANCHOR ASSEMBLY, TYPE B (WT: 36)	EACH	4.000
0020	606E26050	ANCHOR ASSEMBLY, MGS TYPE B, (NCHRP 350) (WT: 36)	EACH	2.000
0021	606E26100	ANCHOR ASSEMBLY, TYPE E (WT: 36)	EACH	5.000
0022	606E26151	ANCHOR ASSEMBLY, MGS TYPE E, AS PER PLAN, (MASH 2016) (WT: 36)	EACH	5.000
0023	606E26151	ANCHOR ASSEMBLY, MGS TYPE E, AS PER PLAN, (NCHRP 350) (WT: 36)	EACH	5.000
0024	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	10.000
0025	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	5.000
0026	606E27901	ANCHOR ASSEMBLY REBUILT, TYPE T, AS PER PLAN (WT: 36)	EACH	2.000
0027	606E27911	ANCHOR ASSEMBLY REBUILT, MGS TYPE T, AS PER PLAN (WT: 36)	EACH	2.000
0028	606E35000	BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
0029	606E35011	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE 1, AS PER PLAN (WT: 36)	EACH	2.000
0030	606E35013	MGS BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE 1, AS PER PLAN (WT: 36)	EACH	2.000
0031	606E35100	BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	2.000
0032	606E35170	BRIDGE TERMINAL ASSEMBLY, TYPE BR-1 (WT: 36)	EACH	2.000
0033	606E35181	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE BR-1, AS PER PLAN (WT: 36)	EACH	2.000
0034	606E60002	IMPACT ATTENUATOR, TYPE 1 (UNIDIRECTIONAL) (WT: 36)	EACH	2.000
0035	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 1), 12.5 FT PANEL (WT: 36)	EACH	4.000
0036	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 1), 3.5 FT POST (WT: 36)	EACH	2.000
0037	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 1), CABLE ASSEMBLY (WT: 36)	EACH	1.000
0038	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 1), NOSE AND SIDE PLATES (WT: 36)	EACH	2.000

0039	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 2), (QUADGUARD), ATTENUATOR RESET (WT: 36)	EACH	2.000
0040	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 2), (QUADGUARD), CARTRIDGE INSERT, TYPE 1 (WT: 36)	EACH	4.000
0041	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 2), (QUADGUARD), CARTRIDGE INSERT, TYPE 2 (WT: 36)	EACH	4.000
0042	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 2), (QUADGUARD), DIAPHRAGM, (24"-36") (WT: 36)	EACH	2.000
0043	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 2), (QUADGUARD), DIAPHRAGM, (69"-90") (WT: 36)	EACH	1.000
0044	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 2), (QUADGUARD), FENDER PANEL (WT: 36)	EACH	2.000
0045	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 2), (QUADGUARD), NOSE ASSEMBLY (WT: 36)	EACH	4.000
0046	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 2), (QUADGUARD), SIDE PANEL (WT: 36)	EACH	1.000
0047	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 3), ATTENUATOR RESET (WT: 36)	EACH	2.000
0048	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 3), CARTRIDGE INSERT (WT: 36)	EACH	2.000
0049	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 3), CYLINDER INSERT (WT: 36)	EACH	1.000
0050	606E61000	IMPACT ATTENUATOR, MISC.:(TYPE 3), NOSE PLATE ASSEMBLY (WT: 36)	EACH	2.000
0051	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY, TYPE E, (MASH 2016), SOFTSTOP, ANCHOR PADDLE (WT: 36)	EACH	2.000
0052	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY, TYPE E, (MASH 2016), SOFTSTOP, ANCHOR POST (POST 0) (WT: 36)	EACH	2.000
0053	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY, TYPE E, (MASH 2016), SOFTSTOP, ANCHOR RAIL 12'-6" (WT: 36)	EACH	2.000
0054	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY, TYPE E, (MASH 2016), SOFTSTOP, ANGLE STRUT (WT: 36)	EACH	2.000
0055	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY, TYPE E, (MASH 2016), SOFTSTOP, IMPACT HEAD (WT: 36)	EACH	2.000

0056	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY, TYPE E, (MASH 2016), SOFTSTOP, OFFSET BLOCK (WT: 36)	EACH	2.000
0057	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY, TYPE E, (MASH 2016), SOFTSTOP, SYSTEM LINE POST 6'-0" (WT: 36)	EACH	2.000
0058	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY, TYPE E, (MASH 2016), SOFTSTOP, SYSTEM RAIL 12'-6" (WT: 36)	EACH	2.000
0059	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY, TYPE E, (MASH 2016), SOFTSTOP, SYTP (STEEL YIELDING TERMINAL POST) 4'-9 1/2" (WT: 36)	EACH	2.000
0060	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY, TYPE E, (MASH 2016), SOFTSTOP, SYTP (STEEL YIELDING TERMINAL POST) 6'-0" (WT: 36)	EACH	2.000
0061	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE B, 12.5 FT. RAIL ELEMENT (WT: 36)	EACH	5.000
0062	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE B, BREAKAWAY WOOD POST, 3.75 FT. (WT: 36)	EACH	5.000
0063	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE B, BREAKAWAY WOOD POST, 6 FT. (WT: 36)	EACH	5.000
0064	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE B, BUFFERED END SECTION (WT: 36)	EACH	5.000
0065	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE B, CABLE ASSEMBLY (WT: 36)	EACH	5.000
0066	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE B, MGS, 9.375 FT. RAIL ELEMENT (WT: 36)	EACH	5.000
0067	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE B, OFFSET STRUT (WT: 36)	EACH	4.000
0068	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE B, STEEL FOUNDATION TUBE (WT: 36)	EACH	5.000
0069	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE B, STEEL POST (BOTTOM) (WT: 36)	EACH	5.000
0070	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE B, STEEL POST (TOP) (WT: 36)	EACH	5.000

0071	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE B, YIELDING STEEL POST (WT: 36)	EACH	5.000
0072	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE E, 12.5 FT. RAIL ELEMENT (WT: 36)	EACH	5.000
0073	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE E, 25 FT. RAIL ELEMENT (WT: 36)	EACH	5.000
0074	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE E, 3.75 FT. WOOD POST (WT: 36)	EACH	10.000
0075	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE E, 6 FT. STEEL YIELDING POST (WT: 36)	EACH	5.000
0076	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE E, 6 FT. WOOD POST (WT: 36)	EACH	10.000
0077	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE E, CABLE ASSEMBLY (WT: 36)	EACH	5.000
0078	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE E, EXTRUDER (WT: 36)	EACH	3.000
0079	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE E, MGS, 9.375 FT. RAIL ELEMENT (WT: 36)	EACH	4.000
0080	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE E, OFFSET STRUT (WT: 36)	EACH	5.000
0081	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE E, SALVAGED EXTRUDER (WT: 36)	EACH	10.000
0082	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE E, STEEL POST (BOTTOM) (WT: 36)	EACH	5.000
0083	606E98100	GUARDRAIL, MISC.:ANCHOR ASSEMBLY,TYPE E, STEEL POST (TOP) (WT: 36)	EACH	5.000
0084	606E98100	GUARDRAIL, MISC.:ANNUAL CABLE RAIL TENSIONING (WT: 36)	EACH	8.000
0085	606E98100	GUARDRAIL, MISC.:CABLE RAIL POST (NUCOR/MARION) (WT: 36)	EACH	10.000
0086	606E98100	GUARDRAIL, MISC.:CABLE RAIL SOCKETED FOUNDATION, CONCRETE FOOTING (WT: 36)	EACH	8.000
0087	606E98100	GUARDRAIL, MISC.:CABLE RAIL TENSIONING (WT: 36)	EACH	8.000

0088	606E98100	GUARDRAIL, MISC.:CABLE RAIL, CABLE BARRIER TERMINAL POST,RESETTING AND/OR REPLACEMENT, CAST IN PLACE (NUCOR/MARION OR TRINITY) (WT: 36)	EACH	4.000
0089	606E98100	GUARDRAIL, MISC.:CABLE RAIL, CABLE BARRIER TERMINAL STRUT (NUCOR/MARION OR TRINITY) (WT: 36)	EACH	1.000
0090	606E98100	GUARDRAIL, MISC.:IMMEDIATE REPAIR, 24 HOUR (WT: 36)	EACH	5.000
0091	606E98100	GUARDRAIL, MISC.:IMMEDIATE REPAIR, 72 HOUR (WT: 36)	EACH	5.000
0092	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	4.000
0093	625E24100	1-1/2" DUCT CABLE WITH TWO NO. 4 AWG 2400 VOLT CABLES (WT: 43)	FT	25.000
0094	625E24300	1-1/2" DUCT CABLE WITH TWO NO. 2 AWG 2400 VOLT CABLES (WT: 43)	FT	25.000
0095	625E29002	TRENCH, 24" DEEP (WT: 43)	FT	50.000
0096	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	2.000
0097	625E31510	PULL BOX REMOVED (WT: 43)	EACH	2.000
0098	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	50.000
0099	625E75500	LIGHT POLE FOUNDATION REMOVED (WT: NR)	EACH	2.000
0100	625E75800	DISCONNECT CIRCUIT (WT: NR)	EACH	2.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0101	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		
0102	441E50701	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL), AS PER PLAN (WT: 10)	CY	21.000
<b>Total 0003</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
0103	620E00500	DELINEATOR, POST GROUND MOUNTED (WT: NR)	EACH	8.000
0104	626E00102	BARRIER REFLECTOR, TYPE 1, ONE WAY (WT: NR)	EACH	10.000
0105	626E00110	BARRIER REFLECTOR, TYPE 2, ONE WAY (WT: NR)	EACH	45.000
<b>Total 0004</b>		<b>TRAFFIC CONTROL</b>		

<b>Section 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0106	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
0107	614E13600	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A TWO LANE HIGHWAY (WT: 39)	EACH	25.000
0108	614E13800	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A 4 LANE OR GREATER DIVIDED HIGHWAY (WT: 39)	EACH	4.000
0109	614E13900	MAINTENANCE OF TRAFFIC FOR SHOULDER CLOSURE (WT: 39)	EACH	50.000
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0006</b>		<b>INCIDENTALS</b>		
0110	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0111	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	12.000
0112	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0113	624E15001	MOBILIZATION, AS PER PLAN (WORK ORDER) (WT: NR)	EACH	79.000
<b>Total 0006</b>		<b>INCIDENTALS</b>		

Project Number: 210288

PID: 112456

Geauga

US 422-00.03 Slide

EDGE Goal: 5.0%

Date Set for Completion: 5/15/2022

Type: SLIDE REPAIR

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF ROADWAY IN BAINBRIDGE TOWNSHIP, OF GEAUGA COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY STABILIZING THE SLOPE ALONG THE NORTH SIDE OF WB US 422 BY INSTALLING A GEOPIER SRT PLATE PILE SYSTEM AND REGRADING THE SLOPE, INCLUDING ALL RELATED ITEMS OF WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section 0001</b>	<b>ROADWAY</b>			
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E20010	HEADWALL REMOVED (WT: NR)	EACH	1.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	69.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	187.500
0005	203E10000	EXCAVATION (WT: 06)	CY	260.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	140.000
0007	209E15001	RESHAPING UNDER GUARDRAIL, AS PER PLAN (WT: 06)	STA	2.000
0008	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	187.500
0009	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	230.000
0010	690E98300	SPECIAL - PLATE PILES (WT: 34)	SY	956.000
<b>Total 0001</b>	<b>ROADWAY</b>			
<b>Section 0002</b>	<b>EROSION CONTROL</b>			
0011	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	1.000
0012	659E00300	TOPSOIL (WT: 46)	CY	154.000
0013	659E00530	SEEDING AND MULCHING, CLASS 3B (WT: 46)	SY	1,390.000
0014	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	70.000
0015	659E15000	INTER-SEEDING (WT: 46)	SY	70.000
0016	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.190
0017	659E31000	LIME (WT: 46)	ACRE	0.290

0018	659E35000	WATER (WT: 46)	MGAL	8.000
0019	832E30000	EROSION CONTROL (WT: 08)	EACH	3,500.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0020	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.300
0021	611E06701	15" CONDUIT, TYPE F, AS PER PLAN, BROKEN BACK PIPE (WT: 35)	FT	69.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0022	441E50701	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL), AS PER PLAN (WT: 10)	CY	7.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0023	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.240
0024	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.240
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0025	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	50.000
0026	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	1.000
0027	614E13310	BARRIER REFLECTOR, TYPE 1, ONE WAY (WT: NR)	EACH	5.000
0028	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	5.000
0029	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000
0030	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	0.190
0031	614E23210	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT (WT: 39)	FT	1,020.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	INCIDENTALS		
0032	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0033	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0034	619E16011	FIELD OFFICE, TYPE B, AS PER PLAN (WT: NR)	MNTH	4.000
0035	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000



0036	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0007</b>		<b>INCIDENTALS</b>		

**Project Number: 210289**  
**PID: 109339**  
**Wood**  
ODNR Mary Jane Thurston Park

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Date Set for Completion: 10/6/2021  
Type: PARKING AREAS

Plan Cost: N/A

**FOR IMPROVING A SECTION IN WOOD COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING AN ASPHALT DRIVE AND PARKING AREA, 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>PAVEMENT</b>		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	106.000
0002	209E60200	LINEAR GRADING (WT: 06)	STA	1.000
0003	253E01000	PAVEMENT REPAIR (WT: 16)	SY	130.000
0004	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	551.000
0005	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	270.000
0006	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	1,015.000
<b>Total</b>	<b>0001</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
0007	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	53.000
0008	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	130.000
0009	642E01200	PARKING LOT STALL MARKING, TYPE 1 (WT: 45)	FT	2,640.000
0010	642E01702	HANDICAP SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	3.000
<b>Total</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>INCIDENTALS</b>		
0011	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0012	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0013	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0003      INCIDENTALS**

**Project Number: 214010**

**PID: 109027**

**Ashland**

US 42/SR 60-15.05/27.40

E190(717)

SBE Set-Aside

Date Set for Completion: 10/31/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING ASD-42/60-15.05/27.40 IN ASHLAND COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING 2 CONDUITS WITH A 48" CONDUIT AND A 58" X 91" CONDUIT. WORK INCLUDES GUARDRAIL REPLACEMENT SOME ASPHALT PAVING AND OTHER 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	202E11001	STRUCTURE REMOVED, AS PER PLAN (WT: NR)	LS	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	437.000
0004	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	41.000
0005	202E75001	FENCE REMOVED, AS PER PLAN (WT: NR)	FT	224.000
0006	203E10000	EXCAVATION (WT: 06)	CY	724.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	1,164.000
0008	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	501.000
0009	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	287.500
0010	606E17360	GUARDRAIL, TYPE MGS, LONG-SPAN (WT: 36)	FT	100.000
0011	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	3.000
0012	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0013	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	4.000
0014	623E40520	RIGHT-OF-WAY MONUMENT (WT: NR)	EACH	6.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0015	601E11000	RIPRAP, TYPE D (WT: 35)	SY	25.000

0016	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	73.000
0017	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	4.000
0018	659E00300	TOPSOIL (WT: 46)	CY	362.000
0019	659E10000	SEEDING AND MULCHING (WT: 46)	SY	3,268.000
0020	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	164.000
0021	659E15000	INTER-SEEDING (WT: 46)	SY	164.000
0022	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.450
0023	659E31000	LIME (WT: 46)	ACRE	0.670
0024	659E35000	WATER (WT: 46)	MGAL	18.080
0025	832E30000	EROSION CONTROL (WT: 08)	EACH	4,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0026	605E31100	AGGREGATE DRAINS (WT: 35)	FT	199.000
0027	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	146.000
0028	611E20700	48" CONDUIT, TYPE A, 706.02, 707.33, 748.06 (0.500) (WT: 35)	FT	50.000
0029	611E53400	58" X 91" CONDUIT, TYPE A, 706.04 (WT: 35)	FT	95.000
0030	611E98510	CATCH BASIN, NO. 2-3 (WT: 35)	EACH	2.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0031	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (3.0") (WT: 13)	SY	295.000
0032	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	83.000
0033	304E20000	AGGREGATE BASE (WT: 09)	CY	154.000
0034	407E10000	TACK COAT (WT: 10)	GAL	98.000
0035	442E10501	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (448), AS PER PLAN (3.0") (PG64-22) (WT: 10)	CY	64.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0036	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	4.000
0037	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	7.000
0038	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.100
0039	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.050
Total	0005	TRAFFIC CONTROL		

<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>			
0040	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000	
0041	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000	
<b>Total</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>			
<b>Section</b>	<b>0007</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (ASD-42-15.05)</b>			
0042	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000	
0043	602E20000	CONCRETE MASONRY (WT: 35)	CY	17.200	
<b>Total</b>	<b>0007</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (ASD-42-15.05)</b>			
<b>Section</b>	<b>0008</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (ASD-60-27.40)</b>			
0044	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000	
0045	602E20000	CONCRETE MASONRY (WT: 35)	CY	4.000	
<b>Total</b>	<b>0008</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (ASD-60-27.40)</b>			
<b>Section</b>	<b>0009</b>	<b>INCIDENTALS</b>			
0046	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000	
0047	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000	
0048	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	3.000	
0049	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000	
0050	624E10000	MOBILIZATION (WT: NR)	LS	1.000	
<b>Total</b>	<b>0009</b>	<b>INCIDENTALS</b>			

**Project Number: 214011**

**PID: 105420**

**Darke**

SR 705-05.60/12.04

E171(115)

SBE Set-Aside

Date Set for Completion: 10/15/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING DAR-705-5.60/12.04 IN DARKE COUNTY OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING SINGLE SPAN CONCRETE SLAB STRUCTURES WITH A 10' X 5' BOX CULVERT AND A 12' X 4' BOX CULVERT.**

<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	1,213.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	212.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,088.000
0005	202E42001	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN (WT: NR)	EACH	8.000
0006	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	3.000
0007	203E10000	EXCAVATION (WT: 06)	CY	829.000
0008	203E20000	EMBANKMENT (WT: 06)	CY	384.000
0009	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	954.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0010	601E11000	RIPRAP, TYPE D (WT: 35)	SY	47.000
0011	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	28.000
0012	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	2.000
0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,683.000
0014	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	134.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.360
0016	659E31000	LIME (WT: 46)	ACRE	0.550

0017	659E35000	WATER (WT: 46)	MGAL	8.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0018	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	20.000
0019	611E02600	8" CONDUIT, TYPE F (WT: 35)	FT	20.000
0020	611E03300	10" CONDUIT, TYPE C (WT: 35)	FT	4.000
0021	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	126.000
0022	611E10600	24" CONDUIT, TYPE C (WT: 35)	FT	4.000
0023	611E13400	30" CONDUIT, TYPE B (WT: 35)	FT	108.000
0024	611E13600	30" CONDUIT, TYPE C (WT: 35)	FT	4.000
0025	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	2.000
0026	611E98510	CATCH BASIN, NO. 2-3 (WT: 35)	EACH	2.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0027	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	228.000
0028	304E20000	AGGREGATE BASE (WT: 09)	CY	159.000
0029	407E10000	TACK COAT (WT: 10)	GAL	77.000
0030	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	65.000
0031	441E50100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (WT: 10)	CY	76.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0032	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	28.000
0033	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	7.200
0034	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0035	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0036	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.150
0037	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.070
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0038	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	STRUCTURE 20 FOOT SPAN AND UNDER (DAR-705-0560)		



0039	202E11000	STRUCTURE REMOVED (WT: 19)	LS	1.000
0040	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0041	503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 35)	LS	1.000
0042	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	4,082.000
0043	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	5.000
0044	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	15.000
0045	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	CY	1.000
0046	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	47.000
0047	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	110.000
0048	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	109.000
0049	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	34.000
0050	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	17.000
0051	611E95000	10' X 5' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	72.000
<b>Total 0007      STRUCTURE 20 FOOT SPAN AND UNDER (DAR-705-0560)</b>				
<b>Section</b>	<b>0008</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (DAR-705-1204)</b>		
0052	202E11000	STRUCTURE REMOVED (WT: 19)	LS	1.000
0053	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0054	503E21301	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 35)	LS	1.000
0055	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	2,654.000
0056	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	3.000
0057	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	13.000
0058	511E46610	CLASS QC1 CONCRETE, HEADWALL (WT: 35)	CY	1.000
0059	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	40.000
0060	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	147.000
0061	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	192.000
0062	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	26.000

0063	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	15.000
0064	611E95600	12' X 4' CONDUIT, TYPE A, 706.05 (WT: 35)	FT	108.000
<b>Total 0008      STRUCTURE 20 FOOT SPAN AND UNDER (DAR-705-1204)</b>				

<b>Section 0009</b>	<b>INCIDENTALS</b>			
0065	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0066	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0067	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0068	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0009      INCIDENTALS</b>				

**Project Number: 214012**

**PID: 108828**

**Stark**

/STA Culverts FY2021

E201(115)

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SBE Set-Aside

Date Set for Completion: 9/30/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING POR/STA-CULVERTS-FY21 IN PORTAGE AND STARK COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING 3 CONDUITS WITH A 11' X 6' BOX CULVERT, A 48" CONDUIT AND A 72" CONDUIT. WORK INCLUDES GUARDRAIL REPLACEMENT SOME ASPHALT PAVING AND OTHER 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 (POR-225-0869) (WT: 01)	LS	1.000
0002	201E11000	CLEARING AND GRUBBING (STA-183-1393) (WT: 01)	LS	1.000
0003	201E11000	CLEARING AND GRUBBING (STA-183-2213) (WT: 01)	LS	1.000
0004	202E20010	HEADWALL REMOVED (WT: NR)	EACH	2.000
0005	202E20011	HEADWALL REMOVED, AS PER PLAN (WT: NR)	EACH	2.000
0006	202E23000	PAVEMENT REMOVED (WT: NR)	SY	673.000
0007	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	170.000
0008	202E35201	PIPE REMOVED, OVER 24", AS PER PLAN (WT: NR)	FT	144.000
0009	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,100.000
0010	202E42010	ANCHOR ASSEMBLY REMOVED, TYPE E (WT: NR)	EACH	8.000
0011	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	1.000
0012	202E98100	REMOVAL MISC.: INSPECTION WELL (WT: NR)	EACH	3.000
0013	202E98200	REMOVAL MISC.: CONDUIT (WT: NR)	FT	30.000
0014	203E10000	EXCAVATION (WT: 06)	CY	360.000

0015	203E20000	EMBANKMENT (WT: 06)	CY	890.000
0016	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	3.000
0017	203E35120	GRANULAR MATERIAL, TYPE C, (703.16) (WT: 06)	CY	350.000
0018	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	624.000
0019	204E30040	GRANULAR MATERIAL, TYPE E (WT: 06)	CY	60.000
0020	204E50000	GEOTEXTILE FABRIC, TYPE A (WT: 06)	SY	120.000
0021	204E50000	GEOTEXTILE FABRIC, TYPE D (WT: 06)	SY	700.000
0022	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	688.000
0023	606E17360	GUARDRAIL, TYPE MGS, LONG-SPAN (WT: 36)	FT	150.000
0024	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (MASH 2016) (WT: 36)	EACH	2.000
0025	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	8.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0026	601E10000	RIPRAP (WT: 35)	SY	12.000
0027	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	24.000
0028	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	12.000
0029	659E00300	TOPSOIL (WT: 46)	CY	259.000
0030	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,325.000
0031	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	96.000
0032	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.310
0033	659E31000	LIME (WT: 46)	ACRE	0.480
0034	659E35000	WATER (WT: 46)	MGAL	10.660
0035	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0036	602E20000	CONCRETE MASONRY (WT: 35)	CY	9.000
0037	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	30.000
0038	611E01400	6" CONDUIT, TYPE E (WT: 35)	FT	30.000
0039	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	30.000
0040	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	30.000
0041	611E05100	12" CONDUIT, TYPE E (WT: 35)	FT	30.000
0042	611E05200	12" CONDUIT, TYPE F (WT: 35)	FT	30.000

0043	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	30.000
0044	611E08100	18" CONDUIT, TYPE E (WT: 35)	FT	30.000
0045	611E08200	18" CONDUIT, TYPE F (WT: 35)	FT	30.000
0046	611E20900	48" CONDUIT, TYPE B, 706.02, (707.13 OR 707.14), 707.33 (WT: 35)	FT	91.000
0047	611E26000	72" CONDUIT, TYPE A, 706.02, 707.07 (FIELD PAVING), 707.35 (WT: 35)	FT	91.000
0048	611E98570	CATCH BASIN, NO. 2-5 (WT: 35)	EACH	1.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0049	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	568.000
0050	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T = 3") (WT: 13)	SY	1,722.000
0051	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	249.000
0052	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	111.000
0053	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	288.000
0054	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	84.000
0055	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG64-22) (WT: 10)	CY	145.000
0056	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	13.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0057	621E00100	RPM (WT: 41)	EACH	11.000
0058	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	17.000
0059	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	45.000
0060	630E80100	SIGN, FLAT SHEET, 730.20 (WT: 42)	SF	6.000
0061	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.140
0062	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.070
Total	0005	TRAFFIC CONTROL		
Section	0006	MAINTENANCE OF TRAFFIC		
0063	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0064	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	18.000
Total	0006	MAINTENANCE OF TRAFFIC		
Section	0007	RETAINING WALLS (XXX)		

0065	503E11100	COFFERDAMS AND EXCAVATION BRACING (STA-183-1393) (WT: 35)	LS	1.000
0066	503E11100	COFFERDAMS AND EXCAVATION BRACING (STA-183-2213) (WT: 35)	LS	1.000
Total	0007	RETAINING WALLS (XXX)		
Section	0008	STRUCTURE 20 FOOT SPAN AND UNDER (POR-225-0869)		
0067	503E11100	COFFERDAMS AND EXCAVATION BRACING (POR-225-0869) (WT: 35)	LS	1.000
0068	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	4,564.000
0069	511E46210	CLASS QC1 CONCRETE, RETAINING/WINGWALL INCLUDING FOOTING (WT: 35)	CY	37.040
0070	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	35.000
0071	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	110.000
0072	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	151.000
0073	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	34.000
0074	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	LS	1.000
0075	601E32104	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC (WT: 35)	CY	91.000
0076	611E95544	11' X 6' CONDUIT, TYPE A, 706.05, LESS THAN 2' OF COVER (WT: 35)	FT	80.000
Total	0008	STRUCTURE 20 FOOT SPAN AND UNDER (POR-225-0869)		
Section	0009	INCIDENTALS		
0077	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0078	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0079	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	6.000
0080	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0081	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0009	INCIDENTALS		

# Office of Contracts

## Change of Address Form

Please complete this form and return it to:

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

### Old Address (For prompt service attach old label here)

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

### New Address (Print or Type PLEASE)

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

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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