

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION  
COLUMBUS, OHIO

**PROPOSED HIGHWAY  
IMPROVEMENTS FOR CONTRACT  
LETTING**

December 3, 2020

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See Back Cover for District Information

An Equal Opportunity Employer

Thursday, December 3, 2020

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**ODOT = Ohio Department of Transportation**

**CFR = Code of Federal Regulations**

**O.R.C. = Ohio Revised Code**

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

**Project Number: 200559**

**PID: 107327**

**Belmont**

SR 9-00.01

E190(905)

DBE Goal: 5.0%

Date Set for Completion: 8/31/2021

Type: SLIDE REPAIR

Plan Cost: N/A

**FOR IMPROVING A SECTION IN THE TOWNSHIP OF WASHINGTON, IN BELMONT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A DRILLED SHAFT AND CONCRETE LAGGING RETAINING WALL, AND PERFORMING ALL RELATED ROADWAY WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section 0001</b>	<b>ROADWAY</b>			
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED, (ASPHALT) (WT: NR)	SY	2,813.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	2,038.000
0004	202E98000	REMOVAL MISC.: PILING REMOVED (WT: NR)	LS	1.000
0005	203E10000	EXCAVATION (WT: 06)	CY	12.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	281.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,440.000
0008	606E15151	GUARDRAIL, TYPE MGS HALF POST SPACING, AS PER PLAN (WT: 36)	FT	1,050.000
0009	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
<b>Total 0001</b>	<b>ROADWAY</b>			
<b>Section 0002</b>	<b>EROSION CONTROL</b>			
0010	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	2.000
0011	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0012	659E00300	TOPSOIL (WT: 46)	CY	153.000
0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,375.000
0014	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	69.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.200
0016	659E31000	LIME (WT: 46)	ACRE	0.280

0017	659E35000	WATER (WT: 46)	MGAL	8.000
0018	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0019	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0020	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.25") (WT: 13)	SY	1,665.000
0021	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	254.000
0022	304E20000	AGGREGATE BASE (WT: 09)	CY	407.000
0023	407E10000	TACK COAT (WT: 10)	GAL	351.000
0024	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	183.000
0025	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	102.000
0026	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	62.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0027	621E00100	RPM (WT: 41)	EACH	27.000
0028	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	27.000
0029	626E00110	BARRIER REFLECTOR, TYPE 2 (BI-DIRECTIONAL) (WT: NR)	EACH	12.000
0030	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	13.000
0031	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	1.000
0032	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.400
0033	646E10200	CENTER LINE (WT: 45)	MILE	0.200
Total 0005		TRAFFIC CONTROL		
Section 0006	MAINTENANCE OF TRAFFIC			
0034	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0035	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	115.000
0036	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.200
0037	616E10000	WATER (WT: NR)	MGAL	10.000

0038	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	115.000
<b>Total 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0007</b>	<b>RETAINING WALLS</b>		
0039	503E21101	UNCLASSIFIED EXCAVATION, AS PER PLAN (WT: 34)	CY	1,417.000
0040	507E00200	STEEL PILES HP12X53, FURNISHED (WT: 34)	FT	2,495.000
0041	507E00400	STEEL PILES, MISC.: W18X76, FURNISHED (WT: 34)	FT	3,395.000
0042	511E46511	CLASS QC1 CONCRETE, FOOTING, AS PER PLAN (WT: 34)	CY	97.000
0043	511E81300	CONCRETE, MISC.: 8" x 24" x 57" PRECAST CONCRETE LAGGING (WT: 34)	EACH	496.000
0044	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 34)	CY	320.000
0045	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	655.000
0046	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	4.000
0047	524E94503	DRILLED SHAFTS, 24" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	800.000
0048	524E94505	DRILLED SHAFTS, 24" DIAMETER, INTO BEDROCK, AS PER PLAN (WT: 28)	FT	1,040.000
0049	524E94603	DRILLED SHAFTS, 30" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	1,900.000
0050	524E94605	DRILLED SHAFTS, 30" DIAMETER INTO BEDROCK, AS PER PLAN (WT: 28)	FT	1,100.000
0051	524E95000	DRILLED SHAFTS, MISC.: PLUG PILE, 30" DIAMETER, UNREINFORCED (WT: 28)	FT	1,125.000
<b>Total 0007</b>		<b>RETAINING WALLS</b>		
<b>Section</b>	<b>0008</b>	<b>INCIDENTALS</b>		
0052	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0053	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0054	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	4.000
0055	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0056	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008</b>		<b>INCIDENTALS</b>		

**Project Number: 200560**

**PID: 108284**

**Brown**

US 52-15.20 OH18-01

E180(513)

DBE Goal: 7.0%

Date Set for Completion: 7/16/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

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

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E20010	HEADWALL REMOVED (WT: NR)	EACH	1.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	207.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	12.500
0005	203E10000	EXCAVATION (WT: 06)	CY	145.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	7.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	413.000
0008	204E45000	PROOF ROLLING (WT: NR)	HOUR	0.140
0009	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	42.000
0010	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	12.500
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0011	601E28100	DUMPED ROCK FILL, TYPE C (WT: 35)	CY	24.400
0012	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	1.800
0013	659E10000	SEEDING AND MULCHING (WT: 46)	SY	47.000
0014	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.010
0015	659E31000	LIME (WT: 46)	ACRE	0.010
0016	659E35000	WATER (WT: 46)	MGAL	1.000
0017	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		

<b>Section 0003</b>		<b>DRAINAGE</b>		
0018	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0019	602E20000	CONCRETE MASONRY (WT: 35)	CY	0.400
0020	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	222.000
0021	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	11.000
0022	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	33.000
0023	611E01100	6" CONDUIT, TYPE C (WT: 35)	FT	67.000
0024	611E10400	24" CONDUIT, TYPE B, (VARIOUS) (WT: 35)	FT	87.000
0025	611E10600	24" CONDUIT, TYPE C (WT: 35)	FT	96.000
0026	611E97200	CONDUIT, MISC.: CLEANOUT (WT: 35)	EACH	2.000
0027	611E98510	CATCH BASIN, NO. 2-3 (WT: 35)	EACH	1.000
0028	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0029	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	1.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section 0004</b>		<b>PAVEMENT</b>		
0030	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	64.000
0031	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	99.000
0032	304E20000	AGGREGATE BASE (WT: 09)	CY	67.000
0033	407E10000	TACK COAT (WT: 10)	GAL	40.000
0034	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	33.000
0035	452E10010	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	28.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section 0005</b>		<b>WATER WORK</b>		
0036	638E20770	SPECIAL - 1" COPPER WATER SERVICE LINE , AS PER PLAN (WT: 35)	FT	150.000
<b>Total 0005</b>		<b>WATER WORK</b>		
<b>Section 0006</b>		<b>TRAFFIC CONTROL</b>		
0037	621E00100	RPM (WT: 41)	EACH	2.000
0038	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	2.000
0039	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.040
0040	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.020
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0007</b>		<b>MAINTENANCE OF TRAFFIC</b>		



0041	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	40.000
0042	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	850.000
0043	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	12.000
0044	614E13310	BARRIER REFLECTOR, TYPE 1, (BI- DIRECTIONAL) (WT: NR)	EACH	16.000
0045	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	16.000
0046	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.220
0047	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	0.230
0048	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	26.000
0049	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A (WT: 10)	SY	103.000
0050	616E10000	WATER (WT: NR)	MGAL	1.000
0051	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	950.000
<b>Total 0007</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0008</b>	<b>INCIDENTALS</b>		
0052	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0053	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0054	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	3.000
0055	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0056	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0008</b>		<b>INCIDENTALS</b>		

**Project Number: 200561**

**PID: 105106**

**Clermont**

**WAR**

**/WAR CHIP FY2021**

**E171(078)**

DBE Goal: 5%

Date Set for Completion: 8/31/2021

Type: CHIP SEAL

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN CLERMONT AND WARREN COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CHIP SEALING VARIOUS ROUTES, INCLUDING FOG SEAL, 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>PAVEMENT</b>		
0001	253E02000	PAVEMENT REPAIR (WT: 16)	CY	575.000
0002	422E11000	AGGREGATE, SINGLE CHIP SEAL, TYPE A (WT: 11)	SY	343,451.000
0003	422E25000	EMULSION, CHIP SEAL (WT: 11)	GAL	127,057.000
0004	886E11000	FOG SEAL (WT: 11)	GAL	51,525.000
<b>Total</b>	<b>0001</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
0005	621E00100	RPM (WT: 41)	EACH	1,697.000
0006	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,697.000
0007	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	47.820
0008	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	23.910
0009	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	98.000
0010	642E01000	RAILROAD SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	2.000
0011	642E01110	SCHOOL SYMBOL MARKING, 96", TYPE 1 (WT: 45)	EACH	2.000
0012	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	98.000
0013	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	4.000
0014	644E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	71.730

<b>Total 0002</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0015	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	23.910
0016	614E22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (WT: 39)	MILE	47.820
0017	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	98.000
<b>Total 0003</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0004</b>	<b>INCIDENTALS</b>		
0018	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0019	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0020	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0021	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0022	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0004</b>		<b>INCIDENTALS</b>		

**Project Number: 200562**

**PID: 93036**

**Coshocton**

SR 93/93D-03.52/00.00

E150(644)

DBE Goal: 6.0%

Date Set for Completion: 10/15/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

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

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	8,092.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	1,313.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	273.000
0004	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	81.000
0005	209E72051	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	MILE	15.240
0006	608E10000	4" CONCRETE WALK (WT: 38)	SF	584.000
0007	608E52000	CURB RAMP (WT: 38)	SF	767.000
0008	608E53020	DETECTABLE WARNING (WT: 38)	SF	120.000
0009	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	38.000
0010	609E26000	CURB, TYPE 6 (WT: 38)	FT	232.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0011	653E10000	TOPSOIL FURNISHED AND PLACED (WT: 46)	CY	5.000
0012	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	500.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0013	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	13.000
0014	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	12.000

0015	613E41300	LOW STRENGTH MORTAR BACKFILL (TYPE 2) (WT: NR)	CY	6.000
0016	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	22.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0017	253E02000	PAVEMENT REPAIR (WT: 16)	CY	550.000
0018	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.25" (WT: 13)	SY	104,339.000
0019	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 2.25" (WT: 13)	SY	24,485.000
0020	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	1.000
0021	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	17,283.000
0022	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	3,910.000
0023	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	273.000
0024	441E50100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (WT: 10)	CY	4,200.000
0025	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	3,582.000
0026	516E31011	2" DEEP JOINT SEALER, AS PER PLAN(A) (WT: 27)	FT	276.000
0027	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	1,019.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0028	621E00100	RPM (WT: 41)	EACH	727.000
0029	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	727.000
0030	644E00104	EDGE LINE, 6" (WT: 45)	MILE	15.610
0031	644E00300	CENTER LINE (WT: 45)	MILE	8.320
0032	644E00500	STOP LINE (WT: 45)	FT	892.000
0033	644E00600	CROSSWALK LINE (WT: 45)	FT	1,837.000
0034	644E01000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	3.000
0035	644E01200	PARKING LOT STALL MARKING (WT: 45)	FT	405.000
0036	644E20800	YIELD LINE (WT: 45)	FT	65.000
0037	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.450
0038	646E10200	CENTER LINE (WT: 45)	MILE	0.230
0039	647E20202	HANDICAP SYMBOL MARKING, TYPE A125 (WT: 45)	EACH	2.000
0040	647E20502	PARKING LOT STALL MARKING, TYPE A125 (WT: 45)	FT	32.000

Total 0005		TRAFFIC CONTROL		
Section 0006	MAINTENANCE OF TRAFFIC			
0041	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	80.000
0042	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	75.000
0043	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	14.000
0044	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000
0045	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	17.100
0046	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	260.000
Total 0006		MAINTENANCE OF TRAFFIC		
Section 0007	STRUCTURE REPAIR (COS-93-0404)			
0047	202E11301	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	CY	1.000
0048	511E34445	CLASS QC2 CONCRETE, BRIDGE DECK, AS PER PLAN (WT: 29)	CY	1.000
0049	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	1,565.000
0050	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (B) (WT: 27)	FT	64.000
Total 0007		STRUCTURE REPAIR (COS-93-0404)		
Section 0008	STRUCTURE REPAIR (COS-93-0543)			
0051	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	507.000
Total 0008		STRUCTURE REPAIR (COS-93-0543)		
Section 0009	STRUCTURE REPAIR (COS-93-0645)			
0052	202E11301	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	CY	1.000
0053	511E34445	CLASS QC2 CONCRETE, BRIDGE DECK, AS PER PLAN (WT: 29)	CY	1.000
0054	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	308.000
0055	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (B) (WT: 27)	FT	64.000
Total 0009		STRUCTURE REPAIR (COS-93-0645)		
Section 0010	STRUCTURE REPAIR (COS-93-0701)			
0056	202E11301	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	CY	1.000

0057	511E34445	CLASS QC2 CONCRETE, BRIDGE DECK, AS PER PLAN (WT: 29)	CY	1.000
0058	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	357.000
0059	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (B) (WT: 27)	FT	68.000
<b>Total 0010</b>		<b>STRUCTURE REPAIR (COS-93-0701)</b>		
<b>Section</b>	<b>0011</b>	<b>STRUCTURE REPAIR (COS-93-1176)</b>		
0060	202E11301	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 29)	CY	1.000
0061	511E34445	CLASS QC2 CONCRETE, BRIDGE DECK, AS PER PLAN (WT: 29)	CY	1.000
0062	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	1,689.000
0063	516E31011	2" DEEP JOINT SEALER, AS PER PLAN (B) (WT: 27)	FT	80.000
<b>Total 0011</b>		<b>STRUCTURE REPAIR (COS-93-1176)</b>		
<b>Section</b>	<b>0012</b>	<b>INCIDENTALS</b>		
0064	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
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 0012</b>		<b>INCIDENTALS</b>		

**Project Number: 200563**

**PID: 103991**

**Cuyahoga**

IR 480-07.27 Deck

E170(989)

DBE Goal: 10.0%

Date Set for Completion: 10/15/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING A SECTION OF THE CITY OF CLEVELAND, OF CUYAHOGA COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE DECK AND APPROACH SLABS OF BRIDGE NO. CUY-480-0727 (GRAYTON ROAD OVER IR-480), INCLUDING THE CONCRETE WALKS, PROTECTION FENCE, AND BRIDGE RAILING. PROJECT ALSO INCLUDES THE CONSTRUCTION OF NEW ABUTMENT WALLS AND BEAM SEATS ALONG WITH EPOXY-URETHANE SEALING, REPLACEMENT OF EXPANSION JOINTS AND RELATED STRUCTURAL STEEL, REPLACEMENT OF EXISTING ROCKER BEARINGS WITH NEW ELASTOMERIC BEARINGS, AND THE CONSTRUCTION OF SEISMIC PEDESTALS ON PIER CAP NO. 2 AND FIBER WRAPPING OF PIER. MOREOVER, PROJECT INCLUDES THE REPLACEMENT OF UNDERPASS LIGHTING AND STRUCTURE MOUNTED LIGHTING, INCLUDING OTHER 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	202E23000	PAVEMENT REMOVED (WT: NR)	SY	1,576.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	288.000
0004	202E30600	CONCRETE MEDIAN REMOVED (WT: NR)	SY	136.000
0005	202E30701	CONCRETE BARRIER REMOVED, AS PER PLAN (WT: NR)	FT	275.000
0006	202E32000	CURB REMOVED (WT: NR)	FT	420.000
0007	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	422.000
0008	203E10000	EXCAVATION (WT: 06)	CY	426.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	19.000
0010	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	2,189.000
0011	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	275.000
0012	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, NCHRP 350/MASH 2016 (WT: 36)	EACH	2.000
0013	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	2.000
0014	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	2.000



0015	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	2.000
0016	609E14001	CURB, TYPE 2-A, AS PER PLAN (WT: 38)	FT	586.000
0017	609E70000	4" CONCRETE MEDIAN (WT: 38)	SY	98.000
0018	609E72001	CONCRETE MEDIAN, AS PER PLAN (WT: 38)	SY	93.000
0019	622E10100	CONCRETE BARRIER, SINGLE SLOPE, TYPE B1 (WT: 38)	FT	205.000
0020	622E10200	BARRIER TRANSITION (WT: 38)	EACH	2.000
0021	622E25006	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE B1 (WT: 38)	EACH	2.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0022	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0023	659E00300	TOPSOIL (WT: 46)	CY	102.000
0024	659E10000	SEEDING AND MULCHING (WT: 46)	SY	922.000
0025	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	46.000
0026	659E15000	INTER-SEEDING (WT: 46)	SY	46.000
0027	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.130
0028	659E31000	LIME (WT: 46)	ACRE	0.190
0029	659E35000	WATER (WT: 46)	MGAL	5.100
0030	832E30000	EROSION CONTROL (WT: 08)	EACH	10,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0031	605E11110	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	568.000
0032	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	78.000
0033	611E08200	18" CONDUIT, TYPE F (WT: 35)	FT	277.000
0034	611E98180	CATCH BASIN, NO. 3A (WT: 35)	EACH	4.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0035	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	550.000
0036	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	101.000
0037	304E20000	AGGREGATE BASE (WT: 09)	CY	404.000
0038	407E10000	TACK COAT (WT: 10)	GAL	62.000
0039	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	22.000
0040	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	30.000

0041	451E14010	9" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	932.000
0042	451E30000	SPECIAL - PRESSURE RELIEF JOINT, TYPE A (WT: 12)	FT	158.000
0043	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	4,964.000

**Total 0004 PAVEMENT**

<b>Section</b>	<b>0005</b>	<b>LIGHTING</b>		
0044	202E75800	DISCONNECT EXISTING CIRCUIT (WT: NR)	EACH	5.000
0045	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	38.000
0046	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	43.000
0047	625E10491	LIGHT POLE, CONVENTIONAL, AS PER PLAN, A4B40 (WT: 43)	EACH	3.000
0048	625E10491	LIGHT POLE, CONVENTIONAL, AS PER PLAN, AT4B40 (WT: 43)	EACH	3.000
0049	625E10614	LIGHT POLE ANCHOR BOLTS ON STRUCTURE (WT: 43)	EACH	12.000
0050	625E14200	LIGHT POLE FOUNDATION, 24" X 10' DEEP (WT: 43)	EACH	3.000
0051	625E23200	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	6,918.000
0052	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	810.000
0053	625E25304	CONDUIT, 1-1/2", 725.051 (WT: 43)	FT	15.000
0054	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	480.000
0055	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	1,089.000
0056	625E26250	LUMINAIRE, CONVENTIONAL, STYLE B, TYPE III, W/250 WATT HPS, 713.11, 480 VOLT (WT: 43)	EACH	6.000
0057	625E27503	LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN (SEE AS PER PLAN NOTE) (WT: 43)	EACH	8.000
0058	625E29000	TRENCH (WT: 43)	FT	249.000
0059	625E29900	JUNCTION BOX (WT: 43)	EACH	3.000
0060	625E29920	STRUCTURE JUNCTION BOX (WT: 43)	EACH	8.000
0061	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	1.000
0062	625E31510	PULL BOX REMOVED (WT: 43)	EACH	5.000
0063	625E31600	PULL BOX, MISC.: CPP PULL BOX (WT: 43)	EACH	6.000
0064	625E32000	GROUND ROD (WT: 43)	EACH	3.000
0065	625E34000	POWER SERVICE (WT: 43)	EACH	3.000

0066	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	249.000
0067	625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	LS	1.000
0068	625E40010	SPECIAL - REPLACEMENT OF EXISTING LIGHTING UNIT (WT: 43)	EACH	1.000
0069	625E75403	LIGHT POLE REMOVED FOR STORAGE, AS PER PLAN (WT: NR)	EACH	4.000
0070	625E75500	LIGHT POLE FOUNDATION REMOVED (WT: NR)	EACH	1.000
0071	625E75505	LUMINAIRE REMOVED FOR STORAGE, AS PER PLAN (WT: NR)	EACH	4.000
0072	625E98000	LIGHTING, MISC.: TEST EXISTING CIRCUITS (WT: 43)	EACH	3.000
0073	625E98200	LIGHTING, MISC.: MAINTAIN EXISTING UNDERPASS LIGHTING (WT: 43)	LS	1.000
0074	625E98200	LIGHTING, MISC.: REMOVAL OF EXISTING UNDERPASS LIGHTING (WT: 43)	LS	1.000

**Total 0005 LIGHTING**

<b>Section</b>	<b>0006</b>	<b>TRAFFIC CONTROL</b>		
0075	625E32000	GROUND ROD (WT: 43)	EACH	3.000
0076	626E00110	BARRIER REFLECTOR, TYPE 2, 1WAY (WT: NR)	EACH	144.000
0077	630E20401	OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 4, AS PER PLAN (WT: 42)	EACH	2.000
0078	630E20601	OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 6, AS PER PLAN (WT: 42)	EACH	1.000
0079	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	2.000
0080	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	13.000
0081	630E80224	SIGN, OVERHEAD EXTRUSHEET (WT: 42)	SF	165.000
0082	630E84510	RIGID OVERHEAD SIGN SUPPORT FOUNDATION (WT: 42)	EACH	3.000
0083	630E87400	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	3.000
0084	630E87500	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0085	630E89707	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30, AS PER PLAN (WT: NR)	EACH	3.000
0086	646E10000	EDGE LINE, 4" (WT: 45)	MILE	1.120
0087	646E10100	LANE LINE, 4" (WT: 45)	MILE	0.560
0088	646E10110	LANE LINE, 6" (WT: 45)	MILE	2.820

0089	646E10400	STOP LINE (WT: 45)	FT	36.000
0090	646E20300	LANE ARROW (WT: 45)	EACH	13.000
0091	646E20502	DOTTED LINE, 4" (WT: 45)	FT	2,122.000
0092	646E50300	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	4.450
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0007</b>	<b>MAINTENANCE OF TRAFFIC</b>			
0093	607E39994	TEMPORARY VANDAL FENCE, TYPE B (WT: 37)	FT	758.000
0094	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	80.000
0095	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	6.000
0096	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	2.000
0097	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	20.000
0098	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	36.000
0099	614E21200	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I (WT: 39)	MILE	0.400
0100	614E22200	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	MILE	3.670
0101	614E22210	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	MILE	1.710
0102	614E23400	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 740.06, TYPE I (WT: 39)	FT	18,612.000
0103	614E24400	WORK ZONE DOTTED LINE, CLASS I, 4", 740.06, TYPE I (WT: 39)	FT	232.000
0104	614E24402	WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I (WT: 39)	FT	3,099.000
0105	614E26400	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I (WT: 39)	FT	47.000
0106	615E20001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN (WT: 10)	SY	4,505.000
0107	616E10000	WATER (WT: NR)	MGAL	2.500
0108	622E41101	PORTABLE BARRIER, UNANCHORED, AS PER PLAN (WT: 39)	FT	1,470.000
0109	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	758.000
<b>Total 0007</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0008</b>	<b>STRUCTURE OVER 20 FOOT SPAN (CUY-480-0727)</b>			
0110	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0111	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	322.000

0112	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0113	503E21100	UNCLASSIFIED EXCAVATION (WT: 21)	CY	215.000
0114	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	235,432.000
0115	511E34446	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (WT: 21)	CY	838.000
0116	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	95.000
0117	511E43210	CLASS QC1 CONCRETE, PIER (WT: 21)	CY	2.000
0118	511E45711	CLASS QC1 CONCRETE, ABUTMENT, AS PER PLAN (WT: 21)	CY	107.000
0119	511E51512	CLASS QC2 CONCRETE WITH QC/QA, SIDEWALK (WT: 21)	CY	170.000
0120	512E10050	SEALING OF CONCRETE SURFACES (NON- EPOXY) (WT: 57)	SY	592.000
0121	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	1,792.000
0122	512E10600	CONCRETE REPAIR BY EPOXY INJECTION (WT: 29)	FT	179.000
0123	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	63.000
0124	512E71500	SPECIAL - URETHANE TOP COAT SEALER (WT: 57)	SY	69.000
0125	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	307.000
0126	513E10200	STRUCTURAL STEEL MEMBERS, LEVEL UF (WT: 24)	LB	10,000.000
0127	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	10,516.000
0128	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	2,800.000
0129	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	2,800.000
0130	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	3,800.000
0131	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	3,800.000
0132	514E00504	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	20.000
0133	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	3.000
0134	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	FT	183.000
0135	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	11.000

0136	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (LOAD PLATE 13"x20"x1.50", NEOPRENE 12"x19"x3.95") (WT: 27)	EACH	18.000
0137	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (LOAD PLATE 15"x20"x1.50", NEOPRENE 14"x19"x3.95") (WT: 27)	EACH	18.000
0138	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 27)	LS	1.000
0139	518E12200	SCUPPERS, INCLUDING SUPPORTS (WT: 35)	EACH	4.000
0140	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	93.000
0141	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	183.000
0142	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	80.000
0143	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	2,377.000
0144	519E11100	PATCHING CONCRETE STRUCTURE (WT: 29)	SF	453.000
0145	526E25011	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN (WT: 29)	SY	413.000
0146	530E00400	SPECIAL - STRUCTURES: GROUT AND SEAL PORTABLE BARRIER ANCHOR HOLES (WT: 23)	EACH	132.000
0147	601E20010	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	CY	15.000
0148	607E39901	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN (WT: 37)	FT	847.000
Total 0008		STRUCTURE OVER 20 FOOT SPAN (CUY-480-0727)		
Section 0009	INCIDENTALS			
0149	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0150	108E30000	CPM PROGRESS SCHEDULE SHORT DURATION PROJECTS (WT: NR)	LS	1.000
0151	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0152	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	12.000
0153	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0154	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0009		INCIDENTALS		

**Project Number: 200564**

**PID: 107792**

**Franklin**

**SR-SR 161-14.02**

**E191(004)**

DBE Goal: 7.0%

Date Set for Completion: 9/15/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF COLUMBUS AND THE VILLAGE OF MINERVA PARK, WITHIN BLENDON TOWNSHIP, FRANKLIN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING THE SPECIFIED PORTION OF STATE ROUTE 161 FROM SLM 14.02 TO SLM 16.56, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT INCLUDES MINOR DRAINAGE WORK, GUARDRAIL UPGRADES, MINOR TRAFFIC SIGNAL AND CURB RAMP WORK, AND MINOR STRUCTURE MAINTENANCE AT VARIOUS BRIDGES.**

<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	202E38001	GUARDRAIL REMOVED, AS PER PLAN (WT: NR)	FT	926.250
0002	202E42011	ANCHOR ASSEMBLY REMOVED, TYPE E, AS PER PLAN (WT: NR)	EACH	2.000
0003	202E42051	ANCHOR ASSEMBLY REMOVED, TYPE B, AS PER PLAN (WT: NR)	EACH	1.000
0004	202E47001	BRIDGE TERMINAL ASSEMBLY REMOVED, AS PER PLAN (WT: NR)	EACH	7.000
0005	202E70110	SPECIAL - PIPE CLEANOUT, 24" AND UNDER (WT: NR)	FT	236.000
0006	202E98100	REMOVAL MISC.: EXISTING METAL BARRIER, TYPE TC-41.21 (WT: NR)	EACH	1.000
0007	202E98200	REMOVAL MISC.: SLOT DRAIN (WT: NR)	FT	171.000
0008	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	290.000
0009	209E15000	RESHAPING UNDER GUARDRAIL (WT: 06)	STA	10.500
0010	209E60500	LINEAR GRADING (WT: 06)	MILE	8.750
0011	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	675.000
0012	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	295.000
0013	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (WT: 36)	EACH	1.000

0014	606E26151	ANCHOR ASSEMBLY, MGS TYPE E, AS PER PLAN (MASH 2016) (WT: 36)	EACH	1.000
0015	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0016	606E35000	BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
0017	606E35100	BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	3.000
0018	606E98000	GUARDRAIL, MISC.: ALTERNATIVE GUARDRAIL PLACEMENT (WT: 36)	FT	50.000
0019	608E15001	8" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	110.000
0020	608E52001	CURB RAMP, AS PER PLAN CITY OF COLUMBUS (TYPE C) (WT: 38)	SF	2.000
0021	608E53021	DETECTABLE WARNING, AS PER PLAN TYPE E (WT: 38)	SF	4.000
0022	622E10100	CONCRETE BARRIER, SINGLE SLOPE, TYPE B1 (WT: 38)	FT	10.000
0023	900E10000	SPECIAL -QWICK KURB, REMOVE AND REPLACE (WT: 36)	FT	130.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0024	616E10000	WATER (WT: NR)	MGAL	3.000
0025	659E00300	TOPSOIL (WT: 46)	CY	89.000
0026	659E10000	SEEDING AND MULCHING (WT: 46)	SY	845.000
0027	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	42.000
0028	659E15000	INTER-SEEDING (WT: 46)	SY	42.000
0029	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.110
0030	659E31000	LIME (WT: 46)	ACRE	0.170
0031	659E35000	WATER (WT: 46)	MGAL	5.000
0032	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0033	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0034	611E98690	CATCH BASIN, MISC.:CLEANOUT (WT: 35)	EACH	2.000
0035	611E99150	INLET ADJUSTED TO GRADE (WT: 35)	EACH	1.000
0036	611E99500	INLET, MISC.: TYPE 2A REPLACEMENT TOP (WT: 35)	EACH	2.000
0037	839E30000	TRENCH DRAIN WITH STANDARD GRATE (WT: 35)	FT	180.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			



0038	251E01041	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, 3" (WT: 16)	SY	6,537.000
0039	251E01041	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, 4.5" (WT: 16)	SY	39.000
0040	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE 1.5" (WT: 13)	SY	216,983.000
0041	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN ,VARIABLE DEPTH 1.7" - 3.0" (WT: 13)	SY	1,466.000
0042	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, VARIABLE DEPTH (0.0" - 2.0") (WT: 13)	SY	8.000
0043	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	18,567.000
0044	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	8,690.000
0045	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) 1.5" (WT: 10)	CY	610.000
0046	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG64- 22 (WT: 10)	CY	7,925.000
0047	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76- 22M (WT: 10)	CY	772.000
0048	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	139.000
0049	617E25000	WATER (WT: NR)	MGAL	3.000
0050	872E10000	VOID REDUCING ASPHALT MEMBRANE (VRAM) (WT: 10)	FT	33,307.000

**Total 0004 PAVEMENT**

**Section 0005 TRAFFIC CONTROL**

0051	620E00500	DELINEATOR, POST GROUND MOUNTED (WT: NR)	EACH	51.000
0052	620E11000	DELINEATOR, BRACKET MOUNTED (WT: NR)	EACH	2.000
0053	620E55000	DELINEATOR LAYOUT (WT: NR)	LS	1.000
0054	621E00100	RPM (WT: 41)	EACH	1,095.000
0055	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,095.000
0056	626E00110	BARRIER REFLECTOR, TYPE 2 (UNIDIRECTIONAL) (WT: NR)	EACH	17.000
0057	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	70.000
0058	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED (WT: 42)	EACH	2.000

0059	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	14.500
0060	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	12.970
0061	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	7.810
0062	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	11,057.000
0063	644E00404	CHANNELIZING LINE, 12" (WT: 45)	FT	2,781.000
0064	644E00500	STOP LINE (WT: 45)	FT	296.000
0065	644E00600	CROSSWALK LINE (WT: 45)	FT	474.000
0066	644E00720	CHEVRON MARKING (WT: 45)	FT	1,030.000
0067	644E01300	LANE ARROW (WT: 45)	EACH	25.000
0068	644E01410	WORD ON PAVEMENT, 96" (WT: 45)	EACH	4.000
0069	644E01520	DOTTED LINE, 12" (WT: 45)	FT	8,317.000

**Total 0005      TRAFFIC CONTROL**

<b>Section</b>	<b>0006</b>	<b>TRAFFIC SIGNALS</b>		
0070	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	23.000
0071	625E29000	TRENCH (WT: 43)	FT	23.000
0072	632E26001	PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	1.000
0073	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	2.000
0074	632E27201	LOOP DETECTOR TIE IN, AS PER PLAN (WT: 44)	EACH	2.000
0075	632E65200	LOOP DETECTOR LEAD-IN CABLE (WT: 44)	FT	50.000
0076	632E70200	CONDUIT RISER, 1" DIAMETER (WT: 44)	EACH	4.000
0077	632E89511	PEDESTAL, 5', AS PER PLAN (WT: 44)	EACH	2.000
0078	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM LOOP LEAD-IN CABLE (WT: 44)	EACH	4.000
0079	632E90211	REUSE OF PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	1.000
0080	632E90500	SIGNALIZATION, MISC.: UNLASH AND RELASH MESSENGER WIRE (WT: 44)	FT	648.000
0081	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	4.000

**Total 0006      TRAFFIC SIGNALS**

<b>Section</b>	<b>0007</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0082	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	300.000
0083	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0084	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	6.000
0085	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	8.000
0086	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	16.180

0087	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	27.720
0088	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	14,603.000
0089	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	296.000
<b>Total 0007 MAINTENANCE OF TRAFFIC</b>				
<b>Section 0008 STRUCTURE REPAIR (FRA-161-1448)</b>				
0090	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	2,037.000
<b>Total 0008 STRUCTURE REPAIR (FRA-161-1448)</b>				
<b>Section 0009 STRUCTURE REPAIR (FRA-161-1456)</b>				
0091	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	2,780.000
<b>Total 0009 STRUCTURE REPAIR (FRA-161-1456)</b>				
<b>Section 0010 STRUCTURE REPAIR (FRA-161-1505)</b>				
0092	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	2,713.000
<b>Total 0010 STRUCTURE REPAIR (FRA-161-1505)</b>				
<b>Section 0011 STRUCTURE REPAIR (FRA-161-1570)</b>				
0093	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	4,880.000
0094	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	1.940
<b>Total 0011 STRUCTURE REPAIR (FRA-161-1570)</b>				
<b>Section 0012 STRUCTURE REPAIR (FRA-161-1638A)</b>				
0095	512E73500	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN (WT: 57)	SY	2,356.000
<b>Total 0012 STRUCTURE REPAIR (FRA-161-1638A)</b>				
<b>Section 0013 STRUCTURE REPAIR (FRA-161-1659B)</b>				
0096	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	2,484.000
<b>Total 0013 STRUCTURE REPAIR (FRA-161-1659B)</b>				
<b>Section 0014 STRUCTURE REPAIR (FRA-161-1661 (L/R))</b>				
0097	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	5,159.000
<b>Total 0014 STRUCTURE REPAIR (FRA-161-1661 (L/R))</b>				
<b>Section 0015 STRUCTURE REPAIR (FRA-161-1662A)</b>				
0098	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	2,528.000

Total 0015		STRUCTURE REPAIR (FRA-161-1662A)		
Section 0016	INCIDENTALS			
0099	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0100	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0101	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0102	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0016		INCIDENTALS		

**Project Number: 200565**  
**PID: 106243**  
**Franklin**  
 IR-IR 270-17.09/18.79 (PART 1, PART 2)  
 E190(124)

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DBE Goal: 7.0%

Date Set for Completion: 10/1/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

**THIS IS A PART 1 AND PART 2 PROJECT. PART 1: FOR IMPROVING VARIOUS SECTIONS IN THE CITIES OF DUBLIN AND COLUMBUS, OF FRANKLIN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING AND RESURFACING IR 270 FROM SLM 18.79 (EAST SIDE OF THE BRIDGE OVER THE SCIOTO RIVER) TO SLM 21.62 (WEST SIDE OF BRIDGE OVER THE RAILROAD) MILLING AND RESURFACING THE SAWMILL ROAD INTERCHANGE RAMPS, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT INCLUDES MINOR STRUCTURE REPAIRS AT MULTIPLE STRUCTURES ALONG THE WORK AREA, AND WIDENING THE RAMP FROM NORTHBOUND SAWMILL ROAD TO EASTBOUND IR 270. PART 2: FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF DUBLIN, OF FRANKLIN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CRACK SEALING IR 270 FROM JUST SOUTH OF THE US 33 INTERCHANGE TO THE WEST SIDE OF THE BRIDGE OVER THE SCIOTO RIVER AND CRACK SEALING THE US 33 INTERCHANGE RAMPS, INCLUDING ALL RELATED ITEMS OF WORK.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY (PART 1)</b>		
0001	202E23000	PAVEMENT REMOVED, 23" (WT: NR)	SY	191.000
0002	202E23000	PAVEMENT REMOVED, 6" (WT: NR)	SY	30.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	1,135.000
0004	202E30701	CONCRETE BARRIER REMOVED, AS PER PLAN (WT: NR)	FT	50.000
0005	202E38001	GUARDRAIL REMOVED, AS PER PLAN (WT: NR)	FT	7,381.250
0006	202E42011	ANCHOR ASSEMBLY REMOVED, TYPE E, AS PER PLAN (WT: NR)	EACH	5.000
0007	202E98500	REMOVAL MISC.: PORTIONS OF CONCRTE BARRIER REMOVED (WT: NR)	CY	6.200
0008	203E10000	EXCAVATION (WT: 06)	CY	444.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	8.500
0010	203E20001	EMBANKMENT, AS PER PLAN (WT: 06)	CY	102.400
0011	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	696.000
0012	209E60200	LINEAR GRADING (WT: 06)	STA	79.300

0013	209E60500	LINEAR GRADING (WT: 06)	MILE	7.660
0014	519E11600	SPECIAL - PATCHING CONCRETE STRUCTURE (CONCRETE MEDIAN) (WT: 29)	SF	100.000
0015	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	7,200.000
0016	606E15150	GUARDRAIL, TYPE MGS HALF POST SPACING (WT: 36)	FT	131.250
0017	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (WT: 36)	EACH	2.000
0018	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	5.000
0019	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	3.000
0020	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	9.000
0021	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	5.000
0022	606E98000	GUARDRAIL, MISC.: ALTERNATIVE GUARDRAIL PLACEMENT (WT: 36)	FT	100.000
0023	608E10000	4" CONCRETE WALK (WT: 38)	SF	1,135.000
0024	608E52000	CURB RAMP (WT: 38)	SF	50.000
0025	622E10161	CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN (WT: 38)	FT	40.000
0026	622E25000	CONCRETE BARRIER END SECTION, TYPE D (WT: 38)	EACH	2.000
0027	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (CONCRETE MEDIAN) (WT: 29)	SF	100.000
0028	878E25000	INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS (WT: NR)	LS	1.000
<b>Total 0001 ROADWAY (PART 1)</b>				
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL (PART 1)</b>		
0029	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	33.000
0030	659E00300	TOPSOIL (WT: 46)	CY	311.000
0031	659E10000	SEEDING AND MULCHING (WT: 46)	SY	2,803.000
0032	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.380
0033	659E31000	LIME (WT: 46)	ACRE	0.580
0034	659E35000	WATER (WT: 46)	MGAL	15.000
0035	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total 0002 EROSION CONTROL (PART 1)</b>				
<b>Section</b>	<b>0003</b>	<b>DRAINAGE (PART 1)</b>		
0036	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	4.000
0037	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	4.000

Total 0003		DRAINAGE (PART 1)		
Section	0004	PAVEMENT (PART 1)		
0038	251E01041	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, 3.0" (WT: 16)	SY	119.000
0039	251E01041	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, 4.5" (WT: 16)	SY	1,125.000
0040	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	976.000
0041	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	286,512.000
0042	255E10501	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS RRCM, AS PER PLAN, 17.5" (WT: 17)	SY	833.000
0043	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	132.000
0044	304E20000	AGGREGATE BASE (WT: 09)	CY	78.000
0045	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	24,412.000
0046	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	8,314.000
0047	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN (MAINLINE PAVING) (WT: 10)	CY	11,006.000
0048	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN (RAMP PAVING) (WT: 10)	CY	978.000
0049	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	432.000
0050	617E25000	WATER (WT: NR)	MGAL	10.000
0051	872E10000	VOID REDUCING ASPHALT MEMBRANE (VRAM) (WT: 10)	FT	61,968.000
Total 0004		PAVEMENT (PART 1)		
Section	0005	WATER WORK (PART 1)		
0052	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	4.000
Total 0005		WATER WORK (PART 1)		
Section	0006	LIGHTING (PART 1)		
0053	519E11100	PATCHING CONCRETE STRUCTURE (LIGHT POLE FOUNDATION) (WT: 29)	SF	240.000
0054	625E10620	LIGHT POLE ANCHOR BOLTS, MISC.: ANCHOR BOLT REPLACEMENT (WT: 43)	EACH	4.000
0055	625E75800	DISCONNECT CIRCUIT (WT: NR)	EACH	12.000
0056	843E50000	PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR (LIGHT POLE FOUNDATION) (WT: 29)	SF	240.000
Total 0006		LIGHTING (PART 1)		

<b>Section 0007</b>	<b>TRAFFIC SURVEILLANCE (PART 1)</b>			
0057	632E26501	DETECTOR LOOP, AS PER PLAN (WT: 44)	EACH	6.000
0058	632E27200	LOOP DETECTOR TIE IN (WT: 44)	EACH	6.000
<b>Total 0007</b>	<b>TRAFFIC SURVEILLANCE (PART 1)</b>			
<b>Section 0008</b>	<b>TRAFFIC CONTROL (PART 1)</b>			
0059	620E00500	DELINEATOR, POST GROUND MOUNTED (WT: NR)	EACH	10.000
0060	621E00100	RPM (WT: 41)	EACH	1,040.000
0061	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,040.000
0062	626E00102	BARRIER REFLECTOR, TYPE 1, TYPE 1, ONE-WAY (WT: NR)	EACH	36.000
0063	626E00110	BARRIER REFLECTOR, TYPE 2, TYPE 2, ONE-WAY (WT: NR)	EACH	166.000
0064	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	15.000
0065	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	30.000
0066	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	27.000
0067	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	13.330
0068	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	17.370
0069	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	5,105.000
0070	644E00500	STOP LINE (WT: 45)	FT	34.000
0071	644E00600	CROSSWALK LINE (WT: 45)	FT	161.000
0072	644E01300	LANE ARROW (WT: 45)	EACH	15.000
0073	644E01360	WRONG WAY ARROW (WT: 45)	EACH	5.000
0074	644E01510	DOTTED LINE, 6" (WT: 45)	FT	12,367.000
0075	644E40000	SPEED MEASUREMENT MARKING (WT: 45)	EACH	16.000
0076	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.140
0077	646E10400	STOP LINE (WT: 45)	FT	81.000
0078	646E10500	CROSSWALK LINE (WT: 45)	FT	189.000
0079	646E10600	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	457.000
0080	646E50100	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	2,406.000
0081	646E90000	PAVEMENT MARKING, MISC.: DOTTED LINE, 12", CONTRAST MARKING (WT: 45)	FT	926.000
<b>Total 0008</b>	<b>TRAFFIC CONTROL (PART 1)</b>			
<b>Section 0009</b>	<b>STRUCTURE REPAIR (FRA-270-1856L, SFN 2509717) (PART 1)</b>			



0082	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN (APPROACH PAVEMENT) (WT: 16)	SY	410.000
0083	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	34.000
0084	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	18.300
0085	872E10000	VOID REDUCING ASPHALT MEMBRANE (VRAM) (WT: 10)	FT	50.000
Total	0009	STRUCTURE REPAIR (FRA-270-1856L, SFN 2509717) (PART 1)		
Section	0010	STRUCTURE REPAIR (FRA-270-1856R, SFN 2509709) (PART 1)		
0086	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN (APPROACH PAVEMENT) (WT: 16)	SY	423.000
0087	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	36.000
0088	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	18.300
0089	872E10000	VOID REDUCING ASPHALT MEMBRANE (VRAM) (WT: 10)	FT	50.000
Total	0010	STRUCTURE REPAIR (FRA-270-1856R, SFN 2509709) (PART 1)		
Section	0011	STRUCTURE REPAIR (FRA-270-2119, SFN 2510634) (PART 1)		
0090	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN (APPROACH PAVEMENT) (WT: 16)	SY	417.000
0091	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	35.000
0092	512E10051	SEALING OF CONCRETE SURFACES (NON- EPOXY), AS PER PLAN (WT: 57)	SY	1,862.000
0093	517E76300	RAILING, MISC.:PARAPET REPAIR (WT: 29)	FT	120.000
0094	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	45.000
0095	872E10000	VOID REDUCING ASPHALT MEMBRANE (VRAM) (WT: 10)	FT	50.000
Total	0011	STRUCTURE REPAIR (FRA-270-2119, SFN 2510634) (PART 1)		
Section	0012	STRUCTURE REPAIR (FRA-270-2120, SFN 2510618) (PART 1)		
0096	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN (APPROACH PAVEMENT) (WT: 16)	SY	417.000
0097	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	35.000

0098	512E10051	SEALING OF CONCRETE SURFACES (NON-EPOXY), AS PER PLAN (WT: 57)	SY	1,862.000
0099	517E76300	RAILING, MISC.:PARAPET REPAIR (WT: 29)	FT	120.000
0100	519E12300	PATCHING CONCRETE BRIDGE DECK - TYPE B (WT: 29)	SY	45.000
0101	872E10000	VOID REDUCING ASPHALT MEMBRANE (VRAM) (WT: 10)	FT	50.000
<b>Total 0012      STRUCTURE REPAIR (FRA-270-2120, SFN 2510618) (PART 1)</b>				
<b>Section 0013      STRUCTURE REPAIR (FRA-270-2165L, SFN 2510650) (PART 1)</b>				
0102	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN (APPROACH PAVEMENT) (WT: 16)	SY	232.000
0103	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	20.000
0104	872E10000	VOID REDUCING ASPHALT MEMBRANE (VRAM) (WT: 10)	FT	25.000
<b>Total 0013      STRUCTURE REPAIR (FRA-270-2165L, SFN 2510650) (PART 1)</b>				
<b>Section 0014      STRUCTURE REPAIR (FRA-270-2165R, SFN 2510685) (PART 1)</b>				
0105	251E01021	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN (APPROACH PAVEMENT) (WT: 16)	SY	186.000
0106	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	16.000
0107	872E10000	VOID REDUCING ASPHALT MEMBRANE (VRAM) (WT: 10)	FT	25.000
<b>Total 0014      STRUCTURE REPAIR (FRA-270-2165R, SFN 2510685) (PART 1)</b>				
<b>Section 0015      MAINTENANCE OF TRAFFIC (PART 1)</b>				
0108	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	hour	500.000
0109	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL) (WT: 39)	EACH	2.000
0110	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0111	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	20.000
0112	614E13310	BARRIER REFLECTOR, TYPE 1 (TRIPLE STACKED) (WT: NR)	EACH	66.000
0113	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	22.000
0114	614E18030	MAINTAINING TRAFFIC, MISC.: REMOVAL OF PAVEMENT MARKING, EDGE LINE (WT: 39)	FT	767.000
0115	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000

0116	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	17.370
0117	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	13.840
0118	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	5,105.000
0119	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	12,733.000
0120	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	64.000
0121	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	111.000
0122	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	900.000
Total	0015	MAINTENANCE OF TRAFFIC (PART 1)		
Section	0016	EROSION CONTROL (PART 2)		
0123	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0016	EROSION CONTROL (PART 2)		
Section	0017	PAVEMENT (PART 2)		
0124	423E00204	CRACK SEALING, TYPE II (WT: NR)	SY	146,944.000
Total	0017	PAVEMENT (PART 2)		
Section	0018	TRAFFIC CONTROL (PART 2)		
0125	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	13.520
0126	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	9.770
0127	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	10,811.000
0128	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	6,921.000
Total	0018	TRAFFIC CONTROL (PART 2)		
Section	0019	MAINTENANCE OF TRAFFIC (PART 2)		
0129	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	200.000
0130	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0131	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	20.000
0132	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000
0133	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	2.000
0134	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	2.000
0135	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	1,000.000
0136	614E24618	WORK ZONE DOTTED LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	500.000

Total 0019		MAINTENANCE OF TRAFFIC (PART 2)		
Section 0020	INCIDENTALS (PART 1 AND PART 2)			
0137	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0138	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0139	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0140	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0141	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0020		INCIDENTALS (PART 1 AND PART 2)		

Project Number: 200566

PID: 97260

Gallia

SR 141-12.46

E170(564)

DBE Goal: 9.0%

Date Set for Completion: 9/15/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING A SECTION OF PERRY TOWNSHIP, OF GALLIA COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE DECK AND BEARINGS OF STEEL BEAM BRIDGE NO. GAL-141-1246 OVER RACCOON CREEK. WORK ALSO INCLUDES RAISING THE BEAMS, MODIFYING THE ABUTMENTS & PIERS, CONSTRUCTING NEW APPROACH SLABS, AND REPLACING GUARDRAIL, INCLUDING OTHER 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	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	460.000
0003	203E10000	EXCAVATION (WT: 06)	CY	154.000
0004	203E20000	EMBANKMENT (WT: 06)	CY	165.000
0005	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	365.000
0006	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	300.000
0007	606E25550	ANCHOR ASSEMBLY, MGS TYPE A (WT: 36)	EACH	3.000
0008	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0009	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	3.000
0010	606E35003	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN (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	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	265.000
0012	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,305.000
0013	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.120
0014	659E31000	LIME (WT: 46)	ACRE	0.270

0015	659E35000	WATER (WT: 46)	MGAL	4.000
0016	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0017	605E31100	AGGREGATE DRAINS (WT: 35)	FT	60.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0018	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" Average Thickness) (WT: 13)	SY	577.000
0019	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (3" Average Thickness) (WT: 13)	SY	276.000
0020	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	28.000
0021	304E20000	AGGREGATE BASE (WT: 09)	CY	82.000
0022	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	136.000
0023	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	94.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0024	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	6.000
0025	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	11.000
0026	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	5.000
0027	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	5.000
0028	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	5.000
0029	630E86010	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION (WT: 42)	EACH	4.000
0030	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.190
0031	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.100
0032	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	12.000
Total	0005	TRAFFIC CONTROL		
Section	0006	STRUCTURE OVER 20 FOOT SPAN (BRIDGE NO. GAL-141-1246)		
0033	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0034	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	565.000
0035	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000

0036	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	51,488.000
0037	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 23)	EACH	307.000
0038	511E21520	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 21)	CY	192.000
0039	511E43210	CLASS QC1 CONCRETE, PIER (WT: 21)	CY	10.000
0040	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 21)	CY	37.000
0041	512E10050	SEALING OF CONCRETE SURFACES (NON-EPOXY) (WT: 57)	SY	579.000
0042	512E44400	TYPE B WATERPROOFING (WT: 40)	SY	28.000
0043	513E10200	STRUCTURAL STEEL MEMBERS, LEVEL UF (WT: 24)	LB	100.000
0044	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	2,574.000
0045	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	FT	55.330
0046	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (8.5" X 12" X 2.60" PAD AND 9.5" X 13" X 1.50" PLATE) (WT: 27)	EACH	5.000
0047	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (8.5" X 12" X 2.60" PAD AND 9.5" X 21" X 1.50" PLATE) (WT: 27)	EACH	5.000
0048	516E44200	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (12" X 21" X 3.24" PAD AND 13" X 22" X 2.75" PLATE) (WT: 27)	EACH	10.000
0049	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 27)	LS	1.000
0050	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	432.830
0051	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 29)	CY	43.000
0052	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 29)	FT	502.580
0053	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	82.000
0054	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	48.000
0055	526E25000	REINFORCED CONCRETE APPROACH SLABS (T=15") (WT: 29)	SY	154.000

**Total 0006      STRUCTURE OVER 20 FOOT SPAN (BRIDGE NO. GAL-141-1246)**

Section 0007		INCIDENTALS		
0056	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0057	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0058	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0059	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0007		INCIDENTALS		



**Project Number: 200567**

**PID: 102887**

**Hamilton**

US 22-10.21

E191(011)

DBE Goal: 7.0%

Date Set for Completion: 10/1/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN HAMILTON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING EXISTING ROADWAY, UPGRADING CURB RAMPS, 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	202E23000	PAVEMENT REMOVED (WT: NR)	SY	3.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	2,676.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	365.000
0004	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	182.000
0005	608E10000	4" CONCRETE WALK (WT: 38)	SF	627.000
0006	608E52000	CURB RAMP (WT: 38)	SF	2,829.000
0007	608E53020	DETECTABLE WARNING (WT: 38)	SF	20.000
0008	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	16.000
0009	609E12001	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN (WT: 38)	FT	50.000
0010	609E26000	CURB, TYPE 6 (WT: 38)	FT	143.000
0011	609E26001	CURB, TYPE 6, AS PER PLAN (WT: 38)	FT	50.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>DRAINAGE</b>		
0012	611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	EACH	4.000
0013	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	63.000
<b>Total</b>	<b>0002</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		

0014	253E02000	PAVEMENT REPAIR (WT: 16)	CY	800.000
0015	253E02001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	CY	82.000
0016	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3.25" (WT: 13)	SY	65,556.000
0017	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	657.000
0018	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	9,834.000
0019	442E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	5,919.000
0020	442E20000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (WT: 10)	CY	2,732.000
0021	442E20200	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448) (WT: 10)	CY	3,187.000
0022	452E12050	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS (WT: 12)	SY	3.000
0023	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	5.000
0024	609E26000	CURB, TYPE 6 (WT: 38)	FT	246.000
0025	623E39500	MONUMENT BOX ADJUSTED TO GRADE (WT: NR)	EACH	1.000
0026	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	53.000
Total 0003		PAVEMENT		
Section 0004	TRAFFIC CONTROL			
0027	621E00100	RPM (WT: 41)	EACH	492.000
0028	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	492.000
0029	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.030
0030	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	3.870
0031	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	2.080
0032	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	3,719.000
0033	642E01560	DOTTED LINE, 12", TYPE 1 (WT: 45)	FT	160.000
0034	644E00500	STOP LINE (WT: 45)	FT	1,068.000
0035	644E00600	CROSSWALK LINE (WT: 45)	FT	2,278.000
0036	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	604.000
0037	644E01110	SCHOOL SYMBOL MARKING, 96" (WT: 45)	EACH	4.000
0038	644E01300	LANE ARROW (WT: 45)	EACH	66.000
0039	644E01410	WORD ON PAVEMENT, 96" (WT: 45)	EACH	4.000
0040	644E01510	DOTTED LINE, 6" (WT: 45)	FT	938.000
0041	646E20504	DOTTED LINE, 6" (WT: 45)	FT	40.000
Total 0004		TRAFFIC CONTROL		
Section 0005	MAINTENANCE OF TRAFFIC			

0042	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	300.000
0043	614E20110	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	3.870
0044	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	3.870
0045	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	2.080
0046	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	2.080
0047	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	0.030
0048	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.030
0049	614E23210	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT (WT: 39)	FT	3,719.000
0050	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	3,719.000
0051	614E24202	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT (WT: 39)	FT	938.000
0052	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	938.000
0053	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT (WT: 39)	FT	1,068.000
0054	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	1,068.000
0055	614E27200	WORK ZONE CROSSWALK LINE, CLASS I, 642 PAINT (WT: 39)	FT	2,278.000
0056	614E27620	WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT (WT: 39)	FT	2,278.000
0057	614E30200	WORK ZONE ARROW, CLASS I, 642 PAINT (WT: 39)	EACH	66.000
0058	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	66.000

**Total 0005 MAINTENANCE OF TRAFFIC**

<b>Section 0006</b>	<b>INCIDENTALS</b>			
0059	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0060	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0061	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0062	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0006 INCIDENTALS**

**Project Number: 200568**

**PID: 102232**

**Lake**

IR 271-01.27 Deck

E170(309)

DBE Goal: 9.0%

Date Set for Completion: 10/31/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

FOR IMPROVING A SECTION OF THE CITY OF WILLOUGHBY HILLS, OF LAKE COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THE CONCRETE DECK OF BRIDGE NO. LAK-271-0127 (EDDY ROAD) OVER IR-71. WORK INCLUDES REPLACING THE EXISTING APPROACH SLABS AND NON-COMPOSITE CONCRETE DECK WITH A NEW COMPOSITE DECK AND APPROACH SLABS, REPLACING BEARINGS, RECONSTRUCTING THE ABUTMENTS, BACKWALLS AND PIER BEAM SEATS, INSTALLING NEW SLOPE PROTECTION, PAINTING STRUCTURAL STEEL, AND OTHER RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	766.000
0003	202E30700	CONCRETE BARRIER REMOVED (WT: NR)	FT	150.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	678.000
0005	202E53100	MAILBOX REMOVED (WT: NR)	EACH	2.000
0006	202E75000	FENCE REMOVED (WT: NR)	FT	39.000
0007	203E10000	EXCAVATION (WT: 06)	CY	547.000
0008	203E20000	EMBANKMENT (WT: 06)	CY	759.000
0009	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	969.000
0010	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	287.500
0011	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	225.000
0012	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350) (WT: 36)	EACH	2.000
0013	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	2.000
0014	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	5.000
0015	607E20000	FENCE, TYPE CL (WT: 37)	FT	39.000

0016	622E10160	CONCRETE BARRIER, SINGLE SLOPE, TYPE D (WT: 38)	FT	66.000
0017	622E24001	CONCRETE BARRIER, TYPE D, AS PER PLAN (WT: 38)	FT	85.000
0018	622E25000	CONCRETE BARRIER END SECTION, TYPE D (WT: 38)	EACH	1.000
0019	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	2.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0020	601E20000	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	SY	84.000
0021	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	47.000
0022	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0023	659E00300	TOPSOIL (WT: 46)	CY	170.000
0024	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,530.000
0025	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	77.000
0026	659E15000	INTER-SEEDING (WT: 46)	SY	77.000
0027	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.210
0028	659E31000	LIME (WT: 46)	ACRE	0.310
0029	659E35000	WATER (WT: 46)	MGAL	9.000
0030	832E30000	EROSION CONTROL (WT: 08)	EACH	20,000.000
<b>Total 0002</b>		<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0031	605E31100	AGGREGATE DRAINS (WT: 35)	FT	92.000
<b>Total 0003</b>		<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0032	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	108.000
0033	304E20000	AGGREGATE BASE (WT: 09)	CY	154.000
0034	407E10000	TACK COAT (WT: 10)	GAL	89.000
0035	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG64-22) (WT: 10)	CY	61.000
0036	609E24510	CURB, TYPE 4-C (WT: 38)	FT	24.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>LIGHTING</b>		
0037	625E00480	CONNECTION, UNFUSED PERMANENT (WT: 43)	EACH	16.000

0038	625E23200	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	1,488.000
0039	625E24100	1-1/2" DUCT CABLE WITH TWO NO. 4 AWG 2400 VOLT CABLES (WT: 43)	FT	62.000
0040	625E24400	DUCT CABLE, MISC.:RELOCATE DUCT CABLE (WT: 43)	FT	21.000
0041	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	21.000
0042	625E25902	CONDUIT, JACKED OR DRILLED, 725.04 (3") (WT: 43)	FT	411.000
0043	625E29002	TRENCH, 24" DEEP (WT: 43)	FT	63.000
0044	625E29500	TRENCH IN PAVED AREA, TYPE A (WT: 43)	FT	21.000
0045	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	4.000
0046	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	2.000
0047	625E32000	GROUND ROD (WT: 43)	EACH	1.000
0048	625E33000	STRUCTURE GROUNDING SYSTEM (WT: 43)	EACH	1.000
0049	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	63.000
0050	625E40000	SPECIAL - MAINTAIN EXISTING LIGHTING (WT: 43)	LS	1.000
0051	625E75800	DISCONNECT CIRCUIT (WT: NR)	EACH	3.000
<b>Total 0005</b>		<b>LIGHTING</b>		
<b>Section</b>	<b>0006</b>	<b>TRAFFIC CONTROL</b>		
0052	626E00102	BARRIER REFLECTOR, TYPE 1 (BI- DIRECTIONAL) (WT: NR)	EACH	12.000
0053	626E00102	BARRIER REFLECTOR, TYPE 1(ONE-WAY) (WT: NR)	EACH	3.000
0054	626E00110	BARRIER REFLECTOR, TYPE 2 (BI- DIRECTIONAL) (WT: NR)	EACH	10.000
0055	626E00110	BARRIER REFLECTOR, TYPE 2(ONE-WAY) (WT: NR)	EACH	1.000
0056	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	2.000
0057	630E86010	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION (WT: 42)	EACH	2.000
0058	646E10200	CENTER LINE (WT: 45)	MILE	0.160
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0007</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0059	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	400.000
0060	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	797.000

0061	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	4.000
0062	614E13310	BARRIER REFLECTOR, TYPE 1 (ONE-WAY) (WT: NR)	EACH	13.000
0063	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	13.000
0064	616E10000	WATER (WT: NR)	MGAL	4.000
0065	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	1,212.000

**Total 0007 MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0008</b>	<b>STRUCTURE REPAIR (LAK-271-0127)</b>		
0066	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0067	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	152.000
0068	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	152.000
0069	503E11101	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (WT: 21)	LS	1.000
0070	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000
0071	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	156,755.000
0072	510E10001	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN (WT: 23)	EACH	546.000
0073	511E34446	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (WT: 21)	CY	468.000
0074	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	116.000
0075	511E43210	CLASS QC1 CONCRETE, PIER (WT: 21)	CY	34.000
0076	511E45710	CLASS QC1 CONCRETE, ABUTMENT (WT: 21)	CY	46.000
0077	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	1,844.000
0078	512E74000	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES (WT: NR)	SY	589.000
0079	513E10201	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN (WT: 24)	LB	4,100.000
0080	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	4,008.000
0081	514E00050	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL (WT: 26)	SF	19,822.000
0082	514E00056	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT (WT: 26)	SF	19,822.000
0083	514E00060	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT (WT: 26)	SF	20,134.000
0084	514E00066	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT (WT: 26)	SF	20,134.000

0085	514E00504	GRINDING FINES, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL (WT: 26)	MNHR	34.000
0086	514E10000	FINAL INSPECTION REPAIR (WT: 26)	EACH	20.000
0087	516E11210	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL (WT: 27)	FT	62.000
0088	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	64.000
0089	516E44001	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, VARIES (WT: 27)	EACH	4.000
0090	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN , VARIES (WT: 27)	EACH	32.000
0091	516E47001	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN (WT: 27)	LS	1.000
0092	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: NR)	CY	34.000
0093	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	73.000
0094	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	46.000
0095	519E00100	SPECIAL - COMPOSITE FIBER WRAP SYSTEM (WT: 29)	SF	1,490.000
0096	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	410.000
0097	526E25010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") (WT: 29)	SY	160.000
0098	526E90010	TYPE A INSTALLATION (WT: 29)	FT	59.000
0099	607E39900	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC (WT: 37)	FT	995.000
0100	690E98400	SPECIAL - VERTICAL CLEARANCE VERIFICATION (WT: NR)	LS	1.000

**Total 0008      STRUCTURE REPAIR (LAK-271-0127)**

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**Section 0009      INCIDENTALS**

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0101	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0102	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0103	619E16021	FIELD OFFICE, TYPE C, AS PER PLAN (WT: NR)	MNTH	10.000
0104	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0105	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0009      INCIDENTALS**



Project Number: 200569

PID: 90942

Lorain

IR 90-17.85

E140(786)

DBE Goal: 10.0%

Date Set for Completion: 7/31/2022

Type: BRIDGE REPLACEMENT (2 BRIDGES)

Plan Cost: \$48.00

FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGE OF SHEFFIELD, CITY OF AVON, IN LORAIN COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING TWO BRIDGES AND APPROACHES, WIDENING THE OUTSIDE SHOULDER, RESURFACING ASPHALT PAVEMENT, AND PERFORMING ALL RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
Section	0001	ROADWAY		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	15,178.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,225.000
0004	203E10000	EXCAVATION (WT: 04)	CY	6,342.000
0005	203E20000	EMBANKMENT (WT: 04)	CY	4,363.000
0006	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	26,163.000
0007	204E45000	PROOF ROLLING (WT: NR)	HOUR	13.000
0008	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	764.000
0009	606E35000	BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0010	601E20000	CRUSHED AGGREGATE SLOPE PROTECTION (WT: 35)	SY	69.000
0011	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	27.000
0012	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0013	659E00300	TOPSOIL (WT: 46)	CY	1,730.000
0014	659E10000	SEEDING AND MULCHING (WT: 46)	SY	11,146.000
0015	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	557.000

0016	659E15000	INTER-SEEDING (WT: 46)	SY	557.000
0017	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	1.500
0018	659E31000	LIME (WT: 46)	ACRE	0.260
0019	659E35000	WATER (WT: 46)	MGAL	62.000
0020	659E40000	MOWING (WT: 46)	MSF	2,786.000
0021	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	4,439.000
0022	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0023	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0024	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0025	832E30000	EROSION CONTROL (WT: 08)	EACH	74,000.000

**Total 0002 EROSION CONTROL**

<b>Section</b>	<b>0003</b>	<b>DRAINAGE</b>		
0026	605E11100	6" SHALLOW PIPE UNDERDRAINS (WT: 35)	FT	14,229.000
0027	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	1,868.000
0028	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	13,476.000
0029	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	537.000
0030	611E04600	12" CONDUIT, TYPE C (WT: 35)	FT	33.000
0031	611E06100	15" CONDUIT, TYPE C (WT: 35)	FT	8.000
0032	611E98410	CATCH BASIN, NO. 8 (WT: 35)	EACH	2.000
0033	611E99574	MANHOLE, NO. 3 (WT: 35)	EACH	1.000
0034	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	17.000

**Total 0003 DRAINAGE**

<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0035	252E01500	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	13,665.000
0036	253E01000	PAVEMENT REPAIR (WT: 16)	SY	3,488.000
0037	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (VARIES 3.25" TYP.) (WT: 13)	SY	17,439.000
0038	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	3,488.000
0039	302E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	7,147.000
0040	304E20000	AGGREGATE BASE (WT: 09)	CY	4,361.000
0041	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	6,464.000
0042	442E10000	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (WT: 10)	CY	1,683.000

0043	442E10100	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (WT: 10)	CY	1,963.000
0044	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	490.000
0045	618E40100	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	FT	14,410.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>ELECTRICAL</b>		
0046	625E31510	PULL BOX REMOVED (WT: 43)	EACH	2.000
<b>Total 0005</b>		<b>ELECTRICAL</b>		
<b>Section</b>	<b>0006</b>	<b>TRAFFIC CONTROL</b>		
0047	621E00100	RPM (WT: 41)	EACH	59.000
0048	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	50.000
0049	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	54.000
0050	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	63.000
0051	630E06500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9 (WT: 42)	FT	36.000
0052	630E09000	BREAKAWAY STRUCTURAL BEAM CONNECTION (WT: 42)	EACH	2.000
0053	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	44.000
0054	630E80200	SIGN, GROUND MOUNTED EXTRUSHEET (WT: 42)	SF	33.000
0055	630E84500	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION (WT: 42)	EACH	2.000
0056	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	6.000
0057	630E85400	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0058	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	8.000
0059	630E86102	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0060	644E00104	EDGE LINE, 6" (WT: 45)	MILE	2.770
0061	644E00204	LANE LINE, 6" (WT: 45)	MILE	1.280
0062	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.130
0063	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.060
<b>Total 0006</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0007</b>	<b>MAINTENANCE OF TRAFFIC</b>		

0064	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	1,000.000
0065	614E11630	INCREASED BARRIER DELINEATION (WT: 39)	FT	1,270.000
0066	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	2.000
0067	614E12484	WORK ZONE INCREASED PENALTIES SIGN (WT: 39)	EACH	2.000
0068	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	15.000
0069	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	50.000
0070	614E12801	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN (WT: 39)	EACH	1,740.000
0071	614E13310	BARRIER REFLECTOR, TYPE 1, (ONE WAY) (WT: NR)	EACH	19.000
0072	614E13310	BARRIER REFLECTOR, TYPE 1, (TWO WAY) (WT: NR)	EACH	142.000
0073	614E13350	OBJECT MARKER, ONE WAY (WT: NR)	EACH	19.000
0074	614E13360	OBJECT MARKER, TWO WAY (WT: NR)	EACH	142.000
0075	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	18.000
0076	615E20001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN (WT: 10)	SY	5,683.000
0077	616E10000	WATER (WT: NR)	MGAL	55.000
0078	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	1,550.000
0079	622E41110	PORTABLE BARRIER, ANCHORED (WT: 39)	FT	7,820.000
0080	642E00105	EDGE LINE, 6", TYPE 1, AS PER PLAN (WT: 39)	MILE	9.540
0081	642E00401	CHANNELIZING LINE, 8", TYPE 1, AS PER PLAN (WT: 39)	FT	25,182.000
0082	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	36.000

**Total 0007 MAINTENANCE OF TRAFFIC**

<b>Section</b>	<b>0008</b>	<b>STRUCTURE OVER 20 FOOT SPAN (LOR-90-1785 L, 4704895)</b>		
0083	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0084	202E22900	APPROACH SLAB REMOVED (WT: NR)	SY	134.000
0085	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	639.000
0086	503E11100	COFFERDAMS AND EXCAVATION BRACING (TEMPORARY SHORING) (WT: 21)	LS	1.000
0087	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000
0088	504E11101	STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN (TEMPORARY WALL 1) (WT: 53)	SF	812.000

0089	504E11101	STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN (TEMPORARY WALL 2) (WT: 53)	SF	877.000
0090	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0091	507E00200	STEEL PILES HP12X53, FURNISHED (WT: 53)	FT	1,500.000
0092	507E00250	STEEL PILES HP12X53, DRIVEN (WT: 53)	FT	1,350.000
0093	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	138,107.000
0094	511E34447	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN (WT: 21)	CY	349.000
0095	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	58.000
0096	511E41012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	CY	90.000
0097	511E43512	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	114.000
0098	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	773.000
0099	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	4.000
0100	513E10281	STRUCTURAL STEEL MEMBERS, LEVEL 4, AS PER PLAN (WT: 24)	LB	240,810.000
0101	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	8,334.000
0102	513E95030	STRUCTURAL STEEL, MISC.: TEMPORARY BEAM END RETROFIT (WT: 24)	EACH	2.000
0103	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	137.000
0104	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	124.000
0105	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	58.000
0106	516E14014	INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: NR)	FT	165.000
0107	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (15" x 14" x 2.499" PAD WITH 17" x 15" x 2.000" LOAD PLATE) (WT: 21)	EACH	16.000
0108	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (13" x 12" x 3.398" PAD WITH 17" x 13" x 1.500" TOP LOAD PLATE, 14" x 13" x 1.500" BOTTOM LOAD PLATE AND HP SECTION) (WT: 21)	EACH	16.000
0109	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	121.000

0110	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	167.000
0111	518E40011	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN (WT: NR)	FT	63.000
0112	524E94704	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK (WT: 28)	FT	40.000
0113	524E94802	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK (WT: 28)	FT	176.000
0114	524E94803	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	59.000
0115	526E25010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") (WT: 29)	SY	343.000
0116	526E90010	TYPE A INSTALLATION (WT: 29)	FT	130.000
0117	601E12001	RIPRAP, WITH GROUT, AS PER PLAN (WT: 35)	SY	1,105.000
0118	690E91000	SPECIAL - AS-BUILT CONSTRUCTION PLANS (WT: NR)	LS	1.000
0119	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	54.000

**Total 0008      STRUCTURE OVER 20 FOOT SPAN (LOR-90-1785 L, 4704895)**

<b>Section 0009</b>	<b>STRUCTURE OVER 20 FOOT SPAN (LOR-90-1785 R, 4704925)</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	134.000
0122	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	688.000
0123	503E11100	COFFERDAMS AND EXCAVATION BRACING (TEMPORARY SHORING) (WT: 21)	LS	1.000
0124	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000
0125	504E11101	STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN (TEMPORARY WALL 3) (WT: 53)	SF	847.000
0126	504E11101	STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN (TEMPORARY WALL 4) (WT: 53)	SF	918.000
0127	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000
0128	507E00200	STEEL PILES HP12X53, FURNISHED (WT: 53)	FT	1,600.000
0129	507E00250	STEEL PILES HP12X53, DRIVEN (WT: 53)	FT	1,440.000
0130	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	142,171.000
0131	511E34447	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN (WT: 21)	CY	369.000
0132	511E34450	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET) (WT: 21)	CY	61.000

0133	511E41012	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	CY	104.000
0134	511E43512	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	120.000
0135	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	904.000
0136	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	4.000
0137	513E10281	STRUCTURAL STEEL MEMBERS, LEVEL 4, AS PER PLAN (WT: 24)	LB	263,230.000
0138	513E20000	WELDED STUD SHEAR CONNECTORS (WT: 25)	EACH	8,004.000
0139	513E95030	STRUCTURAL STEEL, MISC.: TEMPORARY BEAM END RETROFIT (WT: 24)	EACH	2.000
0140	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	111.000
0141	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	70.000
0142	516E13900	2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	62.000
0143	516E14014	INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: NR)	FT	193.000
0144	516E44100	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (15" x 14" x 2.499" PAD WITH 17" x 15" x 2.000" LOAD PLATE) (WT: 21)	EACH	16.000
0145	516E44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (13" x 12" x 3.848" PAD WITH 17" x 13" x 1.500" TOP LOAD PLATE, 14" x 13" x 1.500" BOTTOM LOAD PLATE AND HP SECTION) (WT: 21)	EACH	16.000
0146	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	129.000
0147	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	173.000
0148	518E40011	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN (WT: NR)	FT	70.000
0149	524E94704	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK (WT: 28)	FT	120.000
0150	524E94802	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK (WT: 28)	FT	150.000
0151	524E94803	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN (WT: 28)	FT	75.000

0152	526E25010	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") (WT: 29)	SY	343.000
0153	526E90010	TYPE A INSTALLATION (WT: 29)	FT	139.000
0154	601E12001	RIPRAP, WITH GROUT, AS PER PLAN (WT: 35)	SY	1,215.000
0155	690E91000	SPECIAL - AS-BUILT CONSTRUCTION PLANS (WT: NR)	LS	1.000
0156	846E00110	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM (WT: 27)	CF	58.000

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**Total 0009      STRUCTURE OVER 20 FOOT SPAN (LOR-90-1785 R, 4704925)**

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<b>Section</b>	<b>0010</b>	<b>INCIDENTALS</b>		
0157	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0158	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0159	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0160	619E16020	FIELD OFFICE, TYPE C (WT: NR)	MNTH	15.000
0161	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0162	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total</b>	<b>0010</b>	<b>INCIDENTALS</b>		



**Project Number: 200570**

**PID: 102577**

**Madison**

US 62-02.79

E161(027)

DBE Goal: 10.0%

Date Set for Completion: 10/29/2021

Type: BRIDGE REPLACEMENT (1 BRIDGE)

Plan Cost: N/A

**FOR IMPROVING A SECTION IN MADISON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY BRIDGE REPLACEMENT 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	549.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	90.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	3,812.000
0005	202E98100	REMOVAL MISC.:ELECTRIC GATE REMOVED (WT: NR)	EACH	1.000
0006	202E98200	REMOVAL MISC.:ELECTRIC FENCE REMOVED (WT: NR)	FT	331.000
0007	203E10000	EXCAVATION (WT: 06)	CY	1,946.000
0008	203E20000	EMBANKMENT (WT: 06)	CY	1,563.000
0009	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	455.000
0010	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	203.000
0011	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	203.000
0012	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0013	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	455.000
0014	209E72000	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	STA	32.000
0015	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	3,350.000
0016	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350) (WT: 36)	EACH	2.000
0017	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	2.000

0018	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	4.000
0019	623E40520	RIGHT-OF-WAY MONUMENT (WT: NR)	EACH	6.000
Total	0001	ROADWAY		
Section	0002	EROSION CONTROL		
0020	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0021	659E00300	TOPSOIL (WT: 46)	CY	185.000
0022	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,670.000
0023	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	84.000
0024	659E15000	INTER-SEEDING (WT: 46)	SY	84.000
0025	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.230
0026	659E31000	LIME (WT: 46)	ACRE	0.350
0027	659E35000	WATER (WT: 46)	MGAL	9.000
0028	659E40000	MOWING (WT: 46)	MSF	4.000
0029	670E00500	SLOPE EROSION PROTECTION (WT: 46)	SY	1,550.000
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	25,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0034	605E31100	AGGREGATE DRAINS (WT: 35)	FT	649.000
0035	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	93.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0036	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	74.000
0037	304E20000	AGGREGATE BASE (WT: 09)	CY	74.000
0038	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	64.000
0039	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	20.000
0040	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	437.000
Total	0004	PAVEMENT		
Section	0005	TRAFFIC CONTROL		
0041	626E00102	BARRIER REFLECTOR, TYPE 1 (BI-DIRECTIONAL) (WT: NR)	EACH	7.000

0042	626E00110	BARRIER REFLECTOR, TYPE 2 (BI-DIRECTIONAL) (WT: NR)	EACH	36.000
0043	630E02100	GROUND MOUNTED SUPPORT, NO. 2 POST (WT: 42)	FT	23.000
0044	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	56.000
0045	630E04100	GROUND MOUNTED SUPPORT, NO. 4 POST (WT: 42)	FT	17.500
0046	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	37.300
0047	630E85000	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE (WT: NR)	EACH	8.000
0048	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	7.000
0049	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.160
0050	644E00300	CENTER LINE (WT: 45)	MILE	0.080
Total 0005		TRAFFIC CONTROL		
Section 0006	MAINTENANCE OF TRAFFIC			
0051	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	530.000
0052	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	260.000
0053	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	16.000
0054	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0055	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	41.000
0056	616E10000	WATER (WT: NR)	MGAL	7.000
0057	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	150.000
0058	617E25000	WATER (WT: NR)	MGAL	2.000
0059	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	2.120
Total 0006		MAINTENANCE OF TRAFFIC		
Section 0007	STRUCTURE OVER 20 FOOT SPAN (MAD-62-2.79, SFN 4902131)			
0060	202E11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 19)	LS	1.000
0061	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	875.000
0062	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 21)	LS	1.000
0063	503E21300	UNCLASSIFIED EXCAVATION (WT: 21)	LS	1.000
0064	505E11100	PILE DRIVING EQUIPMENT MOBILIZATION (WT: NR)	LS	1.000

0065	507E00500	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	FT	800.000
0066	507E00550	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	FT	960.000
0067	507E00700	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN (WT: 53)	FT	1,080.000
0068	507E00750	16" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED (WT: 53)	FT	1,200.000
0069	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	105,854.000
0070	511E21522	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (WT: 21)	CY	294.000
0071	511E33418	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE (WT: 21)	CY	49.000
0072	511E40512	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS (WT: 21)	CY	204.000
0073	511E43512	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING (WT: 21)	CY	145.000
0074	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 21)	CY	88.000
0075	512E10050	SEALING OF CONCRETE SURFACES (NON- EPOXY) (WT: 57)	SY	950.000
0076	512E10300	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN (WT: 57)	SY	31.000
0077	515E15080	DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE WF42-49, (WT: 21)	EACH	12.000
0078	515E20000	INTERMEDIATE DIAPHRAGMS (WT: 21)	EACH	27.000
0079	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	131.000
0080	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	242.000
0081	516E14014	INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: NR)	FT	93.000
0082	516E44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN, 2.88" X 14" X 20" WITH 15" X 21" LOAD PLATE (WT: 21)	EACH	24.000
0083	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	579.000
0084	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 21)	CY	86.000
0085	518E22300	SPECIAL - STEEL DRIP STRIP (WT: 21)	FT	706.000
0086	518E40000	6" PERFORATED CORRUGATED PLASTIC PIPE (WT: NR)	FT	115.000

0087	518E40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS (WT: NR)	FT	53.000
0088	523E20000	DYNAMIC LOAD TESTING (WT: NR)	EACH	2.000
0089	523E20500	RESTRIKE (WT: NR)	EACH	4.000
0090	526E25000	REINFORCED CONCRETE APPROACH SLABS (T=15") (WT: 29)	SY	178.000
0091	526E90010	TYPE A INSTALLATION (WT: 29)	FT	69.000
0092	601E32110	ROCK CHANNEL PROTECTION, TYPE B WITH AGGREGATE FILTER (WT: 35)	CY	645.000
0093	690E71000	SPECIAL - ASBESTOS ABATEMENT (MAD-62-2.79 STRUCTURE) (WT: NR)	LS	1.000

**Total 0007      STRUCTURE OVER 20 FOOT SPAN (MAD-62-2.79, SFN 4902131)**

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<b>Section 0008</b>	<b>INCIDENTALS</b>			
0094	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0095	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0096	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	9.000
0097	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0098	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0008      INCIDENTALS**

**Project Number: 200571**  
**PID: 112668**  
**Mahoning**  
SR 7-00.00 (PART 1 AND PART 2)  
E200(735)

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DBE Goal: 7%

Date Set for Completion: 11/15/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING A SECTION OF BEAVER TOWNSHIP, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING AND RESURFACING 3.58 MILES OF SR-7, INCLUDING REMOVAL AND REPLACEMENT OF SIDEWALK, CURB & GUTTER, CURB RAMPS, AND MINOR CONCRETE PAVEMENT. PROJECT ALSO INCLUDES TRAFFIC SIGNAL REPLACEMENT AT THE INTERSECTION OF SR-7 AND SR-164.**

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section 0001</b>	<b>ROADWAY (PART 1)</b>			
0001	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	574.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	1,048.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	45.000
0004	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	106.000
0005	203E40000	BORROW (WT: 06)	CY	2.000
0006	209E60200	LINEAR GRADING (WT: 06)	STA	378.000
0007	209E72000	PREPARING SUBGRADE FOR SHOULDER PAVING (WT: 06)	STA	27.000
0008	608E10000	4" CONCRETE WALK (WT: 38)	SF	609.000
0009	608E52000	CURB RAMP (WT: 38)	SF	439.000
0010	623E39501	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN (WT: NR)	EACH	13.000
0011	690E50100	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE (WT: NR)	EACH	1.000
<b>Total 0001</b>	<b>ROADWAY (PART 1)</b>			
<b>Section 0002</b>	<b>EROSION CONTROL (PART 1)</b>			
0012	659E10000	SEEDING AND MULCHING (WT: 46)	SY	21,039.000
0013	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	2.830
0014	659E31000	LIME (WT: 46)	ACRE	4.340
0015	659E35000	WATER (WT: 46)	MGAL	113.400

0016	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
Total	0002	EROSION CONTROL (PART 1)		
Section	0003	DRAINAGE (PART 1)		
0017	611E98630	CATCH BASIN ADJUSTED TO GRADE (WT: 35)	EACH	2.000
0018	611E98634	CATCH BASIN RECONSTRUCTED TO GRADE (WT: 35)	EACH	1.000
0019	611E99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (WT: 35)	EACH	3.000
Total	0003	DRAINAGE (PART 1)		
Section	0004	PAVEMENT (PART 1)		
0020	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T=2.0") (WT: 13)	SY	7,633.000
0021	407E20000	NON-TRACKING TACK COAT @ 0.06 GAL/SY (WT: 10)	GAL	489.000
0022	407E20000	NON-TRACKING TACK COAT @ 0.09 GAL/SY (WT: 10)	GAL	5,926.000
0023	408E10001	PRIME COAT, AS PER PLAN @ 0.40 GAL/SY (WT: 10)	GAL	3,192.000
0024	411E10000	STABILIZED CRUSHED AGGREGATE (FIELD DRIVES) (WT: NR)	CY	10.000
0025	424E12001	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, AS PER PLAN (T=1.0") (WT: 10)	CY	1,855.000
0026	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (T=1.0") (WT: 10)	CY	227.000
0027	609E12000	COMBINATION CURB AND GUTTER, TYPE 2 (WT: 38)	FT	43.000
0028	609E26000	CURB, TYPE 6 (WT: 38)	FT	28.000
0029	617E10101	COMPACTED AGGREGATE, AS PER PLAN (T=2.0") (WT: 06)	CY	444.000
0030	618E41000	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE) (WT: NR)	MILE	6.500
0031	618E43000	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE) (WT: NR)	MILE	3.250
0032	874E20000	LONGITUDINAL JOINT PREPARATION (WT: 10)	FT	18,900.000
0033	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (T=1.0") (WT: 13)	SY	57,700.000
0100	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	1,000.000
Total	0004	PAVEMENT (PART 1)		
Section	0005	TRAFFIC CONTROL (PART 1)		

0034	621E00100	RPM (WT: 41)	EACH	319.000
0035	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	324.000
0036	646E10000	EDGE LINE, 4" (WT: 45)	MILE	7.160
0037	646E10200	CENTER LINE (WT: 45)	MILE	3.580
0038	646E10300	CHANNELIZING LINE, 8" (WT: 45)	FT	348.000
0039	646E10400	STOP LINE (WT: 45)	FT	89.000
0040	646E10500	CROSSWALK LINE (WT: 45)	FT	615.000
0041	646E20000	RAILROAD SYMBOL MARKING (WT: 45)	EACH	2.000
0042	646E20300	LANE ARROW (WT: 45)	EACH	4.000
<b>Total 0005</b>		<b>TRAFFIC CONTROL (PART 1)</b>		
<b>Section</b>	<b>0006</b>	<b>TRAFFIC SIGNALS (PART 1)</b>		
0043	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	2.000
0044	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	2.000
<b>Total 0006</b>		<b>TRAFFIC SIGNALS (PART 1)</b>		
<b>Section</b>	<b>0007</b>	<b>MAINTENANCE OF TRAFFIC (PART 1)</b>		
0045	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	32.000
0046	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	5.000
0047	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	8.000
0048	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	4.010
0049	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	3.580
0050	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	7.160
0051	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	696.000
0052	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	348.000
0053	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	164.000
0054	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	82.000
<b>Total 0007</b>		<b>MAINTENANCE OF TRAFFIC (PART 1)</b>		
<b>Section</b>	<b>0008</b>	<b>EROSION CONTROL (PART 2)</b>		
0055	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total 0008</b>		<b>EROSION CONTROL (PART 2)</b>		
<b>Section</b>	<b>0009</b>	<b>TRAFFIC SIGNALS (PART 2)</b>		



0056	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	105.000
0057	625E29000	TRENCH (WT: 43)	FT	90.000
0058	625E29500	TRENCH IN PAVED AREA, TYPE A (WT: 43)	FT	15.000
0059	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	3.000
0060	625E31510	PULL BOX REMOVED (WT: 43)	EACH	10.000
0061	625E32000	GROUND ROD (WT: 43)	EACH	9.000
0062	625E36000	PLASTIC CAUTION TAPE (WT: NR)	FT	105.000
0063	625E76000	ARC FLASH CALCULATIONS AND LABEL, CONTROLLER (WT: NR)	EACH	1.000
0064	632E05006	VEHICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, BLACK (WT: 44)	EACH	4.000
0065	632E05086	VEHICULAR SIGNAL HEAD, (LED), 5- SECTION, 12" LENS, 1-WAY, POLYCARBONATE, BLACK (WT: 44)	EACH	5.000
0066	632E20720	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2 (WT: 44)	EACH	8.000
0067	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	9.000
0068	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	8.000
0069	632E26000	PEDESTRIAN PUSHBUTTON (WT: 44)	EACH	8.000
0070	632E30200	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES (WT: 44)	FT	460.000
0071	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	FT	460.000
0072	632E40300	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,683.000
0073	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,745.000
0074	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	926.000
0075	632E64000	STRAIN POLE FOUNDATION (WT: 44)	EACH	4.000
0076	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	5.000
0077	632E69300	POWER CABLE, 3 CONDUCTOR, NO. 4 AWG (WT: 44)	FT	48.000
0078	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0079	632E86501	STRAIN POLE, TYPE TC-81.11, INSTALLATION ONLY, AS PER PLAN, POLES SUPPLIED BY ODOT (WT: 44)	EACH	4.000
0080	632E89900	PEDESTAL, 8', TRANSFORMER BASE (WT: 44)	EACH	5.000
0081	632E90100	REMOVAL OF TRAFFIC SIGNAL INSTALLATION (WT: 44)	EACH	1.000

0082	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	1.000
0083	633E67100	CABINET FOUNDATION (WT: 44)	EACH	1.000
0084	633E67200	CONTROLLER WORK PAD (WT: 44)	EACH	1.000
0085	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0086	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0087	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0088	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000
<b>Total 0009</b>		<b>TRAFFIC SIGNALS (PART 2)</b>		
<b>Section 0010</b>		<b>MAINTENANCE OF TRAFFIC (PART 2)</b>		
0089	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	16.000
<b>Total 0010</b>		<b>MAINTENANCE OF TRAFFIC (PART 2)</b>		
<b>Section 0011</b>		<b>INCIDENTALS (PART 1 AND PART 2)</b>		
0090	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
0091	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0092	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0093	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	15.000
0094	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0095	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0011</b>		<b>INCIDENTALS (PART 1 AND PART 2)</b>		

**Project Number: 200572**

**PID: 107413**

**Miami**

IR-IR 75-10.84

E190(186)

DBE Goal: 7.0%

Date Set for Completion: 7/31/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF TROY AND CONCORD, STAUNTON, AND WASHINGTON TOWNSHIPS, OF MIAMI COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REMOVING 1" OF WEARING COURSE AND REPLACING IT WITH A TYPE B FINE GRADED POLYMER ON INTERSTATE 75 FROM SLM 10.84 TO SLM 13.72, INCLUDING ALL 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	202E23000	PAVEMENT REMOVED (WT: NR)	SY	12.000
0002	203E10000	EXCAVATION (WT: 06)	CY	22.000
0003	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	80.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>PAVEMENT</b>		
0004	253E01001	PAVEMENT REPAIR, AS PER PLAN (A) (WT: 16)	SY	300.000
0005	253E01001	PAVEMENT REPAIR, AS PER PLAN (B) (WT: 16)	SY	2,800.000
0006	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	12.000
0007	304E20000	AGGREGATE BASE (WT: 09)	CY	12.000
0008	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	11,028.000
0009	424E12000	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B (WT: 10)	CY	3,605.000
0010	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	362.000
0011	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	10.680
0012	850E10010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	MILE	15.990

0013	850E10110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	2,409.000
0014	850E10130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT) (WT: 45)	FT	1,482.000
0015	850E20010	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	MILE	1.290
0016	850E20110	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	803.000
0017	850E20130	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (CONCRETE) (WT: 45)	FT	1,900.000
0018	897E01010	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, 1" DEPTH (WT: 13)	SY	129,647.000
0019	897E02001	PATCHING PLANED SURFACE, AS PER PLAN (WT: 13)	SY	50.000

**Total 0002 PAVEMENT**

Section	0003	TRAFFIC CONTROL		
0020	621E00100	RPM (WT: 41)	EACH	310.000
0021	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	310.000
0022	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	66.000
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	4.000
0025	807E12010	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	0.860
0026	807E12110	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	0.430
0027	807E12310	WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	1,900.000
0028	807E12410	WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	803.000
0029	807E14010	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (WT: 45)	MILE	10.660
0030	807E14110	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6" (WT: 45)	MILE	5.330
0031	807E14310	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12" (WT: 45)	FT	1,482.000
0032	807E14410	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6" (WT: 45)	FT	2,409.000

**Total 0003 TRAFFIC CONTROL**

<b>Section</b>	<b>0004</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0033	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	200.000
0034	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	4.000
0035	614E98000	WORK ZONE PAVEMENT MARKING, MISC.: WORK EDGE LINE, CLASS 1, 6", 807 PAINT (WT: 39)	MILE	11.520
0036	614E98000	WORK ZONE PAVEMENT MARKING, MISC.: WORK ZONE LANE LINE, CLASS 1, 6", 807 PAINT (WT: 39)	MILE	5.760
0037	614E98100	WORK ZONE PAVEMENT MARKING, MISC.:WORK ZONE CHANNELIZING LINE, CLASS 1, 12", 807 PAINT (WT: 39)	FT	3,382.000
0038	614E98100	WORK ZONE PAVEMENT MARKING, MISC.:WORK ZONE DOTTED LINE, CLASS 1, 6", 807 PAINT (WT: 39)	FT	3,212.000
0039	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	8.000
<b>Total</b>	<b>0004</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0005</b>	<b>INCIDENTALS</b>		
0040	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0041	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0042	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total</b>	<b>0005</b>	<b>INCIDENTALS</b>		

**Project Number: 200573**

**PID: 93772**

**Monroe**

SR 255-11.66

E131(021)

DBE Goal: 6.0%

Date Set for Completion: 9/30/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

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

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	202E30000	WALK REMOVED (WT: NR)	SF	600.000
0002	209E72051	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	MILE	40.340
0003	608E10000	4" CONCRETE WALK (WT: 38)	SF	750.000
0004	608E53020	DETECTABLE WARNING (WT: 38)	SF	80.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>PAVEMENT</b>		
0005	253E02000	PAVEMENT REPAIR (WT: 16)	CY	250.000
0006	253E02001	PAVEMENT REPAIR, AS PER PLAN (WT: 16)	CY	500.000
0007	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.5" (WT: 13)	SY	865.000
0008	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	36,670.000
0009	408E10000	PRIME COAT (WT: 10)	GAL	18,934.000
0010	441E50100	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (WT: 10)	CY	12,575.000
0011	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	13,477.000
0012	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	4,274.000
<b>Total</b>	<b>0002</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		
0013	621E00100	RPM (WT: 41)	EACH	2,665.000

0014	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	3,007.000
0015	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	40.340
0016	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	20.170
0017	644E00500	STOP LINE (WT: 45)	FT	660.000
0018	644E00600	CROSSWALK LINE (WT: 45)	FT	48.000
<b>Total 0003</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0004</b>	<b>MAINTENANCE OF TRAFFIC</b>			
0019	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	153.000
0020	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	40.340
0021	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT (WT: 39)	MILE	40.340
<b>Total 0004</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section 0005</b>	<b>STRUCTURE OVER 20 FOOT SPAN (5603056)</b>			
0022	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	113.000
<b>Total 0005</b>		<b>STRUCTURE OVER 20 FOOT SPAN (5603056)</b>		
<b>Section 0006</b>	<b>STRUCTURE OVER 20 FOOT SPAN (5603145)</b>			
0023	512E33010	TYPE 3 WATERPROOFING (WT: 40)	SY	209.000
<b>Total 0006</b>		<b>STRUCTURE OVER 20 FOOT SPAN (5603145)</b>		
<b>Section 0007</b>	<b>INCIDENTALS</b>			
0024	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0025	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0026	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN (WT: NR)	LS	1.000
0027	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0007</b>		<b>INCIDENTALS</b>		

**Project Number: 200574**

**PID: 95226**

**Monroe**

SR 26-00.00

E170(253)

DBE Goal: 5.0%

Date Set for Completion: 8/15/2021

Type: CHIP SEAL

Plan Cost: N/A

**FOR IMPROVING SECTIONS IN MONROE COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CHIP SEAL ASPHALT RESURFACING 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>PAVEMENT</b>		
0001	422E11000	AGGREGATE, SINGLE CHIP SEAL, TYPE A (WT: 11)	SY	122,791.000
0002	422E25000	EMULSION, CHIP SEAL (WT: 11)	GAL	45,435.000
0003	886E11000	FOG SEAL (WT: 11)	GAL	18,422.000
<b>Total</b>	<b>0001</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
0004	621E00100	RPM (WHITE) (WT: 41)	EACH	16.000
0005	621E00100	RPM (YELLOW/YELLOW) (WT: 41)	EACH	1,265.000
0006	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	1,281.000
0007	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	19.220
0008	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	9.610
0009	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	108.000
0010	642E30030	REMOVAL OF PAVEMENT MARKING (WT: 45)	MILE	28.830
0011	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	108.000
<b>Total</b>	<b>0002</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0012	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	30.000
0013	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	28.830
0014	614E21400	WORK ZONE CENTER LINE, CLASS II (WT: 39)	MILE	28.830
<b>Total</b>	<b>0003</b>	<b>MAINTENANCE OF TRAFFIC</b>		



Section 0004		INCIDENTALS		
0015	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0016	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0017	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0018	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0004		INCIDENTALS		

**Project Number: 200575**  
**PID: 103653**  
**Montgomery**  
CS-E Springfield St Improvement  
E160(676)

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DBE Goal: 8.0%

Date Set for Completion: 9/1/2021

Type: MINOR RECONSTRUCTION

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF RIVERSIDE, OF MONTGOMERY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING AND RESURFACING E. SPRINGFIELD STREET FROM HARSHMAN AVE TO THE MONTGOMERY/GREENE COUNTY LINE. THE PROJECT IS COMPRISED OF NUMEROUS FULL DEPTH PAVEMENT REPAIRS, REPLACEMENT OF DRAINAGE STRUCTURES, PLACING STREET LIGHTING ALONG THE ROADWAY, REPLACING THE TRAFFIC SIGNALS AT SEVERAL INTERSECTIONS, AND RESTRIPIING THE ROADWAY TO ADD A BIKE LANE.**

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	3,674.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	1,190.000
0004	202E30800	TRAFFIC ISLAND REMOVED (WT: NR)	SY	65.000
0005	202E32000	CURB REMOVED (WT: NR)	FT	12,729.000
0006	202E32500	CURB AND GUTTER REMOVED (WT: NR)	FT	218.000
0007	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	347.000
0008	202E35200	PIPE REMOVED, OVER 24" (WT: NR)	FT	16.000
0009	202E58000	MANHOLE REMOVED (WT: NR)	EACH	1.000
0010	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	37.000
0011	202E98300	REMOVAL MISC.:CONCRETE BASE REMOVED (WT: NR)	SY	3,306.000
0012	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	8,112.000
0013	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	5,726.000
0014	204E30010	GRANULAR MATERIAL, TYPE B (WT: 06)	CY	5,726.000
0015	204E45000	PROOF ROLLING (WT: NR)	HOUR	4.000
0016	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	8,085.000
0017	608E10001	4" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	1,444.000

0018	608E52001	CURB RAMP, AS PER PLAN (WT: 38)	SF	865.000
0019	653E10000	TOPSOIL FURNISHED AND PLACED (WT: 46)	CY	40.000
0020	690E70030	SPECIAL - ENVIRONMENTAL, LANDFILL LANDFILL WASTE (WT: NR)	CY	3.000
0021	690E70030	SPECIAL - ENVIRONMENTAL, LANDFILL LEACHATE (WT: NR)	CY	1.000
Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0022	659E00300	TOPSOIL (WT: 46)	CY	2,140.000
0023	659E00500	SEEDING AND MULCHING, CLASS 1 (WT: 46)	SY	19,279.000
0024	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	964.000
0025	659E15000	INTER-SEEDING (WT: 46)	SY	964.000
0026	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	2.700
0027	659E35000	WATER (WT: 46)	MGAL	109.000
0028	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0029	611E00900	6" CONDUIT, TYPE B (WT: 35)	FT	50.000
0030	611E01100	6" CONDUIT, TYPE C (WT: 35)	FT	50.000
0031	611E01800	8" CONDUIT, TYPE B (WT: 35)	FT	50.000
0032	611E02000	8" CONDUIT, TYPE C (WT: 35)	FT	50.000
0033	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	177.000
0034	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	130.000
0035	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	40.000
0036	611E08900	21" CONDUIT, TYPE B (WT: 35)	FT	50.000
0037	611E10400	24" CONDUIT, TYPE B (WT: 35)	FT	10.000
0038	611E13400	30" CONDUIT, TYPE B (WT: 35)	FT	18.000
0039	611E98370	CATCH BASIN, NO. 6 (WT: 35)	EACH	2.000
0040	611E98690	CATCH BASIN, MISC.:Type D (WT: 35)	EACH	33.000
0041	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	17.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0042	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (1/4") (WT: 13)	SY	3,090.000
0043	254E01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (1-3/4) (WT: 13)	SY	39,969.000
0044	254E01600	PATCHING PLANED SURFACE (WT: 16)	SY	2,140.000
0045	255E10160	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS (WT: 17)	SY	2,838.000

0046	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	435.000
0047	304E20000	AGGREGATE BASE (WT: 09)	CY	820.000
0048	407E10000	TACK COAT (WT: 10)	GAL	185.000
0049	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	3,872.000
0050	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	279.000
0051	452E13011	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN (WT: 12)	SY	27.000
0052	452E14011	10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN (WT: 12)	SY	217.000
0053	609E12001	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN (WT: 38)	FT	174.000
0054	609E26001	CURB, TYPE 6, AS PER PLAN (WT: 38)	FT	12,952.000
0055	609E58001	9" CONCRETE TRAFFIC ISLAND, AS PER PLAN (WT: 38)	SY	72.000
0056	613E41300	LOW STRENGTH MORTAR BACKFILL (TYPE 2) (WT: NR)	CY	615.000
0057	690E12050	SPECIAL - REINFORCED MESH FOR TRANSVERSE AND/OR LONGITUDINAL JOINTS AND CRACKS (WT: NR)	SY	2,581.000
0058	690E98400	SPECIAL - TESTING (WT: NR)	LS	1.000
0059	690E98900	SPECIAL - ASPHALT REJUVENATING AGENT (WT: 10)	GAL	1,865.000
0060	826E10041	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), FIBER TYPE C, AS PER PLAN (WT: 10)	CY	2,095.000

**Total 0004 PAVEMENT**

<b>Section</b>	<b>0005</b>	<b>LIGHTING</b>		
0061	625E00450	CONNECTION, FUSED PULL APART (WT: 43)	EACH	106.000
0062	625E00470	CONNECTION, UNFUSED BOLTED (WT: 43)	EACH	6.000
0063	625E10481	LIGHT POLE, DECORATIVE, AS PER PLAN (WT: 43)	EACH	32.000
0064	625E10500	LIGHT POLE, MISC.:MONOARM RISE LIGHT POLE (AT12B32.5) (WT: 43)	EACH	21.000
0065	625E14000	LIGHT POLE FOUNDATION, 24" X 6' DEEP (WT: 43)	EACH	28.000
0066	625E14001	LIGHT POLE FOUNDATION, 24" X 6' DEEP, AS PER PLAN (WT: 43)	EACH	4.000
0067	625E14100	LIGHT POLE FOUNDATION, 24" X 8' DEEP (WT: 43)	EACH	21.000

0068	625E23302	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE (WT: 43)	FT	34,209.000
0069	625E23400	NO. 10 AWG POLE AND BRACKET CABLE (WT: 43)	FT	6,084.000
0070	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	8,860.000
0071	625E25604	CONDUIT, 4", 725.051 (WT: 43)	FT	103.000
0072	625E25909	CONDUIT, JACKED OR DRILLED, 725.052, AS PER PLAN 4" (WT: 43)	FT	283.000
0073	625E25909	CONDUIT, JACKED OR DRILLED, 725.052, AS PER PLAN, 2" (WT: 43)	FT	1,071.000
0074	625E25909	CONDUIT, JACKED OR DRILLED, 725.052, AS PER PLAN, 3" (WT: 43)	FT	205.000
0075	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN STERNBERG LIGHTING 1970 LED GALLERY SERIES OR APPROVED EQUAL (WT: 43)	EACH	21.000
0076	625E27551	LUMINAIRE, DECORATIVE, AS PER PLAN, PHILLIPS HADCO RL32 LED OR APPROVED EQUAL (WT: 43)	EACH	32.000
0077	625E29000	TRENCH (WT: 43)	FT	9,050.000
0078	625E30510	PULL BOX, 725.06, SIZE 4 (WT: 43)	EACH	5.000
0079	625E32000	GROUND ROD (WT: 43)	EACH	56.000
0080	625E34001	POWER SERVICE, AS PER PLAN (WT: 43)	EACH	3.000
0081	632E69800	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	473.000

**Total 0005 LIGHTING**

<b>Section</b>	<b>0006</b>	<b>TRAFFIC CONTROL</b>		
0082	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	756.000
0083	630E79000	SIGN HANGER ASSEMBLY, SPAN WIRE (WT: 42)	EACH	6.000
0084	630E79101	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN (WT: 42)	EACH	6.000
0085	630E79501	SIGN SUPPORT ASSEMBLY, POLE MOUNTED, AS PER PLAN (WT: 42)	EACH	11.000
0086	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	389.750
0087	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	11.000
0088	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	15.000
0089	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.490
0090	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.100
0091	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	681.000

0092	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	117.000
0093	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	69.000
0094	642E00720	CHEVRON MARKING, TYPE 1 (WT: 45)	FT	618.000
0095	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	9.000
0096	642E01410	WORD ON PAVEMENT, 96", TYPE 1 (WT: 45)	EACH	1.000
0097	642E01500	DOTTED LINE, 4", TYPE 1 (WT: 45)	FT	121.000
0098	642E01602	BIKE LANE SYMBOL MARKING, TYPE 1 (WT: 45)	EACH	5.000
0099	642E20802	YIELD LINE, TYPE 1 (WT: 45)	FT	13.000
0100	644E00104	EDGE LINE, 6" (WT: 45)	MILE	3.010
0101	644E00200	LANE LINE, 4" (WT: 45)	MILE	0.140
0102	644E00300	CENTER LINE (WT: 45)	MILE	1.980
0103	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	2,618.000
0104	644E00500	STOP LINE (WT: 45)	FT	296.000
0105	644E00600	CROSSWALK LINE (WT: 45)	FT	627.000
0106	644E00700	TRANSVERSE/DIAGONAL LINE (WT: 45)	FT	1,753.000
0107	644E00720	CHEVRON MARKING (WT: 45)	FT	295.000
0108	644E00900	ISLAND MARKING (WT: 45)	SF	157.000
0109	644E01300	LANE ARROW (WT: 45)	EACH	48.000
0110	644E01350	LANE REDUCTION ARROW (WT: 45)	EACH	4.000
0111	644E01410	WORD ON PAVEMENT, 96" (WT: 45)	EACH	4.000
0112	644E01500	DOTTED LINE, 4" (WT: 45)	FT	3,203.000
0113	644E01630	BIKE LANE SYMBOL MARKING (WT: 45)	EACH	28.000
0114	644E20800	YIELD LINE (WT: 45)	FT	15.000
0115	644E30000	REMOVAL OF PAVEMENT MARKING (WT: 45)	FT	2,741.000
0116	644E30020	REMOVAL OF PAVEMENT MARKING (WT: 45)	EACH	3.000
0117	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.030
0118	646E10500	CROSSWALK LINE (WT: 45)	FT	24.000

**Total 0006      TRAFFIC CONTROL**

<b>Section</b>	<b>0007</b>	<b>TRAFFIC SIGNALS</b>		
0119	625E18511	BRACKET ARM, 30', AS PER PLAN (WT: 43)	EACH	2.000
0120	625E25408	CONDUIT, 2", 725.051 (WT: 43)	FT	43.000
0121	625E25504	CONDUIT, 3", 725.051 (WT: 43)	FT	25.000
0122	625E25604	CONDUIT, 4", 725.051. (WT: 43)	FT	7.000
0123	625E25909	CONDUIT, JACKED OR DRILLED, 725.052, AS PER PLAN, 2" (WT: 43)	FT	30.000
0124	625E25909	CONDUIT, JACKED OR DRILLED, 725.052, AS PER PLAN, 3" (WT: 43)	FT	261.000

0125	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN. (WT: 43)	EACH	2.000
0126	625E29000	TRENCH. (WT: 43)	FT	75.000
0127	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	3.000
0128	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	1.000
0129	625E32000	GROUND ROD. (WT: 43)	EACH	7.000
0130	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	15.000
0131	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN (WT: 44)	EACH	2.000
0132	632E20731	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN (WT: 44)	EACH	8.000
0133	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	26.000
0134	632E25010	COVERING OF PEDESTRIAN SIGNAL HEAD (WT: 44)	EACH	8.000
0135	632E26001	PEDESTRIAN PUSHBUTTON, AS PER PLAN (WT: 44)	EACH	8.000
0136	632E30200	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES (WT: 44)	FT	399.000
0137	632E30600	TETHER WIRE, WITH ACCESSORIES (WT: 44)	FT	399.000
0138	632E30980	SIGNAL CABLE, 3 CONDUCTOR, NO. 10 AWG (WT: 44)	FT	383.000
0139	632E40300	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	552.000
0140	632E40500	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	766.000
0141	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	1,381.000
0142	632E64010	SIGNAL SUPPORT FOUNDATION (WT: 44)	EACH	4.000
0143	632E64020	PEDESTAL FOUNDATION (WT: 44)	EACH	2.000
0144	632E69800	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG. (WT: 44)	FT	73.000
0145	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0146	632E72131	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12, AS PER PLAN (WT: 44)	EACH	1.000
0147	632E72141	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 13, AS PER PLAN (WT: 44)	EACH	1.000
0148	632E72901	SIGNAL SUPPORT, MECHANICAL DAMPER FOR TC-81.22 MAST ARM (GREATER THAN 39' IN LENGTH), AS PER PLAN (WT: 44)	EACH	2.000

0149	632E79111	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4, AS PER PLAN (WT: 44)	EACH	1.000
0150	632E79131	COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12, AS PER PLAN (WT: 44)	EACH	1.000
0151	632E89901	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN (WT: 44)	EACH	2.000
0152	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	2.000
0153	632E90400	SIGNALIZATION, MISC.: REMOVAL OF PEDESTRIAN PUSHBUTTONS AND SIGNAL HEADS/ADJUST CONTROLLER TIMING (WT: 44)	EACH	2.000
0154	633E67100	CABINET FOUNDATION (WT: 44)	EACH	1.000
0155	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	1.000
0156	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0157	633E99000	CONTROLLER ITEM, MISC.: REWIRE CABINET (WT: 44)	EACH	1.000
0158	633E99000	CONTROLLER ITEM, MISC.: TYPE TS2/A2, WITH CABINET, TYPE SUPER P44 (WT: 44)	EACH	1.000
0159	809E69001	ADVANCE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	4.000
0160	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN (WT: 44)	EACH	6.000

**Total 0007      TRAFFIC SIGNALS**

<b>Section</b>	<b>0008</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0161	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	24.000
0162	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	4.000
0163	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	5.000
0164	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	15.000
0165	614E20010	WORK ZONE LANE LINE, CLASS I, 6" (WT: 39)	MILE	2.600
0166	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	2.600
0167	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	1.400
0168	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	1.400
0169	614E22000	WORK ZONE EDGE LINE, CLASS I, 4" (WT: 39)	MILE	2.600
0170	614E22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	2.600



0171	614E23000	WORK ZONE CHANNELIZING LINE, CLASS I, 8" (WT: 39)	FT	1,844.000
0172	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	1,640.000
0173	614E25200	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 642 PAINT (WT: 39)	FT	30.000
0174	614E26000	WORK ZONE STOP LINE, CLASS I (WT: 39)	FT	255.000
0175	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	255.000
0176	614E30000	WORK ZONE ARROW, CLASS I (WT: 39)	EACH	22.000
0177	614E30650	WORK ZONE ARROW, CLASS III, 642 PAINT (WT: 39)	EACH	22.000
0178	616E10000	WATER (WT: NR)	MGAL	10.000
0179	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	540.000

**Total 0008 MAINTENANCE OF TRAFFIC**

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**Section 0009 INCIDENTALS**

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0180	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0181	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0182	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	10.000
0183	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0184	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0009 INCIDENTALS**

**Project Number: 200576**

**PID: 109436**

**Montgomery**

IR 75-09.53

E190(306)

DBE Goal: 7%

Date Set for Completion: 8/31/2021

Type: INTERSECTION

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE CITY OF MORAIN, OF MONTGOMERY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REALIGNING THE RAMP FROM INTERSTATE ROUTE 75 TO SPRINGBORO ROAD AND REPLACE THE EXISTING TRAFFIC SIGNALS AT THAT INTERSECTION, INCLUDING ALL 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
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	647.000
0003	202E30800	TRAFFIC ISLAND REMOVED (WT: NR)	SY	114.000
0004	202E32000	CURB REMOVED (WT: NR)	FT	83.000
0005	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	15.000
0006	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	1.000
0007	202E98100	REMOVAL MISC.: SIGNAL FOUNDATION (WT: NR)	EACH	1.000
0008	203E10000	EXCAVATION (WT: 06)	CY	3.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	68.000
0010	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,136.000
0011	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	20.000
0012	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	20.000
0013	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0014	659E00300	TOPSOIL (WT: 46)	CY	58.000
0015	659E10000	SEEDING AND MULCHING (WT: 46)	SY	520.000
0016	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	26.000

0017	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.070
0018	659E31000	LIME (WT: 46)	ACRE	0.110
0019	659E35000	WATER (WT: 46)	MGAL	3.000
0020	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0021	605E05200	4" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	159.000
0022	611E00410	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET (WT: 35)	FT	10.000
0023	611E05900	15" CONDUIT, TYPE B (WT: 35)	FT	83.000
0024	611E98151	CATCH BASIN, NO. 3, AS PER PLAN (WT: 35)	EACH	1.000
0025	611E98370	CATCH BASIN, NO. 6 (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0026	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (DEPTH = 1.25") (WT: 13)	SY	6,589.000
0027	304E20000	AGGREGATE BASE (WT: 09)	CY	251.000
0028	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	560.000
0029	442E10500	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (448) (WT: 10)	CY	229.000
0030	452E14010	10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	824.000
0031	609E26000	CURB, TYPE 6 (WT: 38)	FT	10.000
0032	609E58000	9" CONCRETE TRAFFIC ISLAND (WT: 38)	SY	267.000
0033	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	4.000
Total 0004		PAVEMENT		
Section 0005	WATER WORK			
0034	638E10800	VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	1.000
Total 0005		WATER WORK		
Section 0006	TRAFFIC CONTROL			
0035	621E00100	RPM (WT: 41)	EACH	72.000
0036	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	32.000
0037	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	274.000
0038	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	14.000
0039	630E79100	SIGN HANGER ASSEMBLY, MAST ARM (WT: 42)	EACH	2.000

0040	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	207.000
0041	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	19.000
0042	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	12.000
0043	644E00104	EDGE LINE, 6" (WT: 45)	MILE	0.460
0044	644E00200	LANE LINE, 4" (WT: 45)	MILE	0.050
0045	644E00204	LANE LINE, 6" (WT: 45)	MILE	0.140
0046	644E00300	CENTER LINE (WT: 45)	MILE	0.120
0047	644E00400	CHANNELIZING LINE, 8" (WT: 45)	FT	136.000
0048	644E00500	STOP LINE (WT: 45)	FT	40.000
0049	644E01300	LANE ARROW (WT: 45)	EACH	6.000
0050	644E01360	WRONG WAY ARROW (WT: 45)	EACH	2.000
0051	644E01510	DOTTED LINE, 6" (WT: 45)	FT	270.000
0052	644E20800	YIELD LINE (WT: 45)	FT	32.000
0053	646E10010	EDGE LINE, 6" (WT: 45)	MILE	0.040
0054	646E10110	LANE LINE, 6" (WT: 45)	MILE	0.010
0055	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	168.000
0056	646E10400	STOP LINE (WT: 45)	FT	30.000
0057	646E20300	LANE ARROW (WT: 45)	EACH	4.000
0058	646E20504	DOTTED LINE, 6" (WT: 45)	FT	38.000

**Total 0006      TRAFFIC CONTROL**

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**Section 0007      TRAFFIC SIGNALS**

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0059	611E00400	4" CONDUIT, TYPE E (WT: 35)	FT	40.000
0060	625E25400	CONDUIT, 2", 725.04 (WT: 43)	FT	129.000
0061	625E25500	CONDUIT, 3", 725.04 (WT: 43)	FT	13.000
0062	625E25908	CONDUIT, JACKED OR DRILLED, 725.052, 3" (WT: 43)	FT	122.000
0063	625E29000	TRENCH (WT: 43)	FT	142.000
0064	625E30700	PULL BOX, 725.08, 18" (WT: 43)	EACH	3.000
0065	625E30706	PULL BOX, 725.08, 24" (WT: 43)	EACH	1.000
0066	625E31510	PULL BOX REMOVED (WT: 43)	EACH	3.000
0067	625E32000	GROUND ROD (WT: 43)	EACH	5.000
0068	625E36010	UNDERGROUND WARNING/MARKING TAPE (WT: NR)	FT	142.000
0069	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK (WT: 44)	EACH	7.000

0070	632E25000	COVERING OF VEHICULAR SIGNAL HEAD (WT: 44)	EACH	7.000
0071	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG (WT: 44)	FT	525.000
0072	632E64011	SIGNAL SUPPORT FOUNDATION, AS PER PLAN (WT: 44)	EACH	3.000
0073	632E68300	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	39.000
0074	632E69800	SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG (WT: 44)	FT	29.000
0075	632E70001	POWER SERVICE, AS PER PLAN (WT: 44)	EACH	1.000
0076	632E77233	SIGNAL SUPPORT, MECHANICAL DAMPER FOR TC-81.21 MAST ARM (GREATER THAN 39' IN LENGTH), AS PER PLAN (WT: 44)	EACH	1.000
0077	632E80302	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 3 (WT: 44)	EACH	2.000
0078	632E80502	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 11 (WT: 44)	EACH	1.000
0079	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN (WT: 44)	EACH	1.000
0080	633E65511	CABINET, TYPE TS-2, AS PER PLAN (WT: 44)	EACH	1.000
0081	633E67101	CABINET FOUNDATION, AS PER PLAN (WT: 44)	EACH	1.000
0082	633E67201	CONTROLLER WORK PAD, AS PER PLAN (WT: 44)	EACH	1.000
0083	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN (WT: 44)	EACH	1.000
0084	809E69000	ADVANCE RADAR DETECTION (WT: 44)	EACH	3.000
0085	809E69100	STOP LINE RADAR DETECTION (WT: 44)	EACH	1.000
0086	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN (WT: 44)	EACH	1.000

**Total 0007      TRAFFIC SIGNALS**

<b>Section</b>	<b>0008</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0087	410E12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B (WT: NR)	CY	10.000
0088	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	40.000
0089	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000
0090	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	10.000
0091	614E18600	PORTABLE CHANGEABLE MESSAGE SIGN (WT: 39)	SNMT	3.000

0092	614E20550	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT (WT: 39)	MILE	0.050
0093	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.140
0094	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT (WT: 39)	MILE	0.150
0095	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.150
0096	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT (WT: 39)	MILE	0.120
0097	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.460
0098	614E23680	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (WT: 39)	FT	136.000
0099	614E24612	WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT (WT: 39)	FT	270.000
0100	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	40.000
0101	616E10000	WATER (WT: NR)	MGAL	1.000
<b>Total 0008 MAINTENANCE OF TRAFFIC</b>				
<b>Section</b>	<b>0009</b>	<b>INCIDENTALS</b>		
0102	100E00300	PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE (WT: NR)	LS	1.000
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	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0106	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0009 INCIDENTALS</b>				

**Project Number: 200577**  
**PID: 105580**  
**Paulding**  
SR 114-01.50/03.00/05.01/09.02  
E190(333)

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DBE Goal: 7.0%

Date Set for Completion: 9/30/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE TOWNSHIPS OF BENTON AND BLUE CREEK, IN PAULDING COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING THREE CULVERTS, FIELD PAVING ONE CULVERT, RECONSTRUCTING APPROACH PAVEMENT, AND PERFORMING ALL 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	202E23000	PAVEMENT REMOVED (WT: NR)	SY	107.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	681.000
0004	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	2.000
0005	203E10000	EXCAVATION (WT: 06)	CY	1,741.000
0006	203E20000	EMBANKMENT (WT: 06)	CY	500.000
0007	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	3,186.000
0008	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	3.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0009	601E11000	RIPRAP, TYPE D (WT: 35)	SY	6.000
0010	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	138.000
0011	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER (WT: 35)	CY	28.000
0012	616E10000	WATER (WT: NR)	MGAL	5.000
0013	659E00300	TOPSOIL (WT: 46)	CY	559.000
0014	659E10000	SEEDING AND MULCHING (WT: 46)	SY	5,028.000
0015	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.700
0016	659E35000	WATER (WT: 46)	MGAL	28.000

0017	832E30000	EROSION CONTROL (WT: 08)	EACH	3,500.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0018	202E11000	STRUCTURE REMOVED (WT: NR)	LS	1.000
0019	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0020	503E21300	UNCLASSIFIED EXCAVATION (WT: 35)	LS	1.000
0021	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	10,040.000
0022	511E46010	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING (WT: 35)	CY	37.000
0023	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	77.000
0024	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	87.000
0025	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	221.000
0026	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	58.000
0027	518E21230	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	LS	1.000
0028	602E20000	CONCRETE MASONRY (WT: 35)	CY	2.600
0029	611E00406	4" CONDUIT, TYPE F (WT: 35)	FT	40.000
0030	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	40.000
0031	611E01800	8" CONDUIT, TYPE B (WT: 35)	FT	58.000
0032	611E02600	8" CONDUIT, TYPE F (WT: 35)	FT	60.000
0033	611E03100	10" CONDUIT, TYPE B (WT: 35)	FT	110.000
0034	611E03700	10" CONDUIT, TYPE F (WT: 35)	FT	20.000
0035	611E04200	12" CONDUIT, TYPE A, 706.02, 707.01 (AL), 707.04, 707.33 (WT: 35)	FT	60.000
0036	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	243.000
0037	611E04900	12" CONDUIT, TYPE D (WT: 35)	FT	97.000
0038	611E05200	12" CONDUIT, TYPE F (WT: 35)	FT	20.000
0039	611E06400	15" CONDUIT, TYPE D, 706.02 (WT: 35)	FT	40.000
0040	611E07400	18" CONDUIT, TYPE B (WT: 35)	FT	87.000
0041	611E23600	60" CONDUIT, TYPE A, 706.02, 707.33 (WT: 35)	FT	50.000
0042	611E94900	8' X 5' CONDUIT, TYPE A, 706.05, DESIGN EARTH COVER = 1 FT (WT: 35)	FT	52.000
0043	611E96550	FIELD PAVING OF EXISTING PIPE, 66" CMP (WT: 35)	FT	72.000



0044	611E97400	CONDUIT, MISC.:5' X 4' CONDUIT, TYPE A, 706.05, DESIGN EARTH COVER = 1 FT (WT: 35)	FT	42.000
0045	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	4.000
0046	613E41300	LOW STRENGTH MORTAR BACKFILL (TYPE 2) (WT: NR)	CY	202.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0047	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	449.000
0048	304E20000	AGGREGATE BASE (WT: 09)	CY	613.000
0049	407E10000	TACK COAT (WT: 10)	GAL	365.000
0050	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	222.000
Total 0004		PAVEMENT		
Section 0005	TRAFFIC CONTROL			
0051	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	189.000
0052	630E08520	STREET NAME SIGN SUPPORT, NO. 3 POST (WT: 42)	FT	34.000
0053	630E08600	SIGN POST REFLECTOR (WT: 42)	EACH	12.000
0054	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	57.700
0055	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	10.000
0056	630E85000	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE (WT: NR)	EACH	2.000
0057	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	6.000
0058	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	22.000
0059	630E86006	REMOVAL OF GROUND MOUNTED POST SUPPORT AND STORAGE (WT: NR)	EACH	2.000
0060	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.180
0061	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.110
Total 0005		TRAFFIC CONTROL		
Section 0006	MAINTENANCE OF TRAFFIC			
0062	253E02000	PAVEMENT REPAIR, MOT (WT: 16)	CY	40.000
0063	304E20000	AGGREGATE BASE, MOT (WT: 09)	CY	40.000
0064	407E10000	TACK COAT, MOT (WT: 10)	GAL	60.000
0065	441E10000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22, MOT (WT: 10)	CY	20.000
0066	614E12420	DETOUR SIGNING (WT: 39)	LS	1.000

0067	614E21000	WORK ZONE CENTER LINE, CLASS I (WT: 39)	MILE	0.110
0068	617E10100	COMPACTED AGGREGATE, MOT (WT: 06)	CY	80.000

**Total 0006 MAINTENANCE OF TRAFFIC**

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**Section 0007 INCIDENTALS**

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0069	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0070	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0071	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	4.000
0072	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0073	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0007 INCIDENTALS**

**Project Number: 200578**

**PID: 99085**

**Sandusky**

US 6-15.30 Slope Repair

E150(472)

DBE Goal: 6.0%

Date Set for Completion: 7/1/2021

Type: SLIDE REPAIR

Plan Cost: N/A

**FOR IMPROVING A SECTION IN SANDUSKY TOWNSHIP, IN SANDUSKY COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CONSTRUCTING A DRILLED SHAFT AND CONCRETE LAGGING RETAINING WALL, AND PERFORMING ALL RELATED ROADWAY WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	3,074.000
0003	202E32000	CURB REMOVED (WT: NR)	FT	190.000
0004	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	2,413.000
0005	202E47000	BRIDGE TERMINAL ASSEMBLY REMOVED (WT: NR)	EACH	5.000
0006	203E10000	EXCAVATION (WT: 04)	CY	19,362.000
0007	203E20000	EMBANKMENT (WT: 04)	CY	25,473.000
0008	203E35001	GRANULAR EMBANKMENT, AS PER PLAN (WT: 04)	CY	3,109.000
0009	203E35110	GRANULAR MATERIAL, TYPE B (WT: 04)	CY	765.000
0010	203E35130	GRANULAR MATERIAL, TYPE D (WT: 04)	CY	2,075.000
0011	203E40000	BORROW (WT: 04)	CY	7,185.000
0012	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	3,207.000
0013	606E15101	GUARDRAIL, TYPE MGS WITH LONG POSTS, AS PER PLAN (WT: 36)	FT	2,413.000
0014	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	2.000
0015	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	2.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		

Section 0002		EROSION CONTROL		
0016	601E21060	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT (WT: 35)	SY	1,275.000
0017	616E10000	WATER (WT: NR)	MGAL	113.680
0018	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	3.000
0019	659E00300	TOPSOIL (WT: 46)	CY	2,397.000
0020	659E10000	SEEDING AND MULCHING (WT: 46)	SY	19,334.000
0021	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	967.000
0022	659E15000	INTER-SEEDING (WT: 46)	SY	967.000
0023	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	3.440
0024	659E31000	LIME (WT: 46)	ACRE	4.000
0025	690E12010	SPECIAL - GEOTEXTILE FABRIC, 712.09, TYPE A (WT: 06)	SY	14,613.000
0026	832E15000	STORM WATER POLLUTION PREVENTION PLAN (WT: NR)	LS	1.000
0027	832E15002	STORM WATER POLLUTION PREVENTION INSPECTIONS (WT: NR)	LS	1.000
0028	832E15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE (WT: NR)	LS	1.000
0029	832E30000	EROSION CONTROL (WT: 08)	EACH	14,000.000
Total 0002		EROSION CONTROL		
Section 0003		DRAINAGE		
0030	605E11110	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC (WT: 35)	FT	2,176.000
0031	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	16.000
0032	611E01401	6" CONDUIT, TYPE E, AS PER PLAN, PERFORATED (WT: 35)	FT	4,351.000
0033	611E01501	6" CONDUIT, TYPE F, AS PER PLAN, NON-PERFORATED (WT: 35)	FT	504.000
0034	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	18.000
Total 0003		DRAINAGE		
Section 0004		PAVEMENT		
0035	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	571.000
0036	304E20000	AGGREGATE BASE (WT: 09)	CY	535.000
0037	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	1,268.000
0038	408E10000	PRIME COAT (WT: 10)	GAL	320.000
0039	442E10500	ASPHALT CONCRETE SURFACE COURSE, 9.5 MM, TYPE A (448) (WT: 10)	CY	515.000

0040	442E20100	ASPHALT CONCRETE INTERMEDIATE COURSE, 9.5 MM, TYPE A (448) (WT: 10)	CY	125.000
0041	609E12001	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN (WT: 38)	FT	2,309.000
0042	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	2.000
0043	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	600.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0044	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	3.000
0045	630E86010	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION (WT: 42)	EACH	4.000
0046	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	4.000
0047	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	2.000
0048	642E01510	DOTTED LINE, 6", TYPE 1 (WT: 45)	FT	433.000
0049	644E00404	CHANNELIZING LINE, 12", WHITE (WT: 45)	FT	1,368.000
0050	644E00700	TRANSVERSE/DIAGONAL LINE, YELLOW (WT: 45)	FT	195.000
0051	644E00720	CHEVRON MARKING, TYPE 1 (WT: 45)	FT	345.000
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0052	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	24.000
0053	614E11300	SPECIAL - WORK ZONE TRAFFIC SIGNAL (WT: 39)	EACH	1.000
0054	614E12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) (WT: 39)	EACH	2.000
0055	614E12500	REPLACEMENT SIGN (WT: 39)	EACH	5.000
0056	614E12600	REPLACEMENT DRUM (WT: 39)	EACH	8.000
0057	614E12760	SPECIAL - FLASHING ARROW PANEL (WT: 39)	EACH	2.000
0058	614E13318	BARRIER REFLECTOR, TYPE 5, BIDIRECTIONAL (WT: NR)	EACH	50.000
0059	615E20001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN (WT: 10)	SY	86.000
0060	622E41100	PORTABLE BARRIER, UNANCHORED (WT: 39)	FT	3,350.000
<b>Total 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0007</b>	<b>INCIDENTALS</b>		
0061	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000

0062	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0063	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0064	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0007</b>		<b>INCIDENTALS</b>		

Project Number: 200579

PID: 83046

Trumbull

SR 11-19.02

E130(851)

DBE Goal: 7.0%

Date Set for Completion: 10/31/2021

Type: FOUR LANE RESURFACING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS OF GREENE TOWNSHIP, GUSTAVUS TOWNSHIP AND JOHNSTON TOWNSHIP, OF TRUMBULL COUNTY, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY MILLING AND RESURFACING 9.45 MILES OF SR-11. PROJECT ALSO INCLUDES THE FOLLOWING WORK ON SEVEN BRIDGES OVER SR-11: REMOVAL OF WEARING COURSE AND RESURFACING OF DECK, SCUPPER CLEANOUT, BRIDGE RAIL AND GUARDRAIL REPLACEMENT, DECK WATERPROOFING, AND OTHER RELATED WORK.

Ref. No.	Item Code	Item Description	Unit of Measure	Approx. Quantity
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	203E10000	EXCAVATION (WT: 06)	CY	833.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0002	832E30000	EROSION CONTROL (WT: 08)	EACH	3,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		
0003	251E01000	PARTIAL DEPTH PAVEMENT REPAIR (441) (WT: 16)	SY	15,000.000
0004	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (T=1 1/2") (WT: 13)	SY	437,074.000
0005	255E10500	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS RRCM (WT: 17)	SY	5,000.000
0006	255E20000	FULL DEPTH PAVEMENT SAWING (WT: 15)	FT	26,250.000
0007	304E20000	AGGREGATE BASE (WT: 09)	CY	833.000
0008	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	39,337.000
0009	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	19,691.000
0010	441E00100	ANTI-SEGREGATION EQUIPMENT (WT: 10)	CY	12,281.000

0011	442E10001	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN (PG70- 22M) (T=1 1/2") (WT: 10)	CY	18,212.000
0012	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	2,735.000
0013	618E40600	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE) (WT: NR)	MILE	38.000
0014	875E10000	LONGITUDINAL JOINT ADHESIVE (WT: 10)	LB	26,546.000
<b>Total 0003</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
0015	621E00100	RPM (WT: 41)	EACH	1,148.000
0016	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	870.000
0017	646E10010	EDGE LINE, 6" (WT: 45)	MILE	40.800
0018	646E10110	LANE LINE, 6" (WT: 45)	MILE	18.900
0019	646E10310	CHANNELIZING LINE, 12" (WT: 45)	FT	3,020.000
0020	646E10400	STOP LINE (WT: 45)	FT	225.000
0021	646E20320	WRONG WAY ARROW (WT: 45)	EACH	8.000
0022	646E20504	DOTTED LINE, 6" (WT: 45)	FT	6,775.000
<b>Total 0004</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0005</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0023	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOURL	200.000
0024	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	32.000
0025	614E13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC (WT: 39)	CY	20.000
0026	614E18601	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (WT: 39)	SNMT	6.000
0027	614E20010	WORK ZONE LANE LINE, CLASS I, 6" (WT: 39)	MILE	18.900
0028	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	18.900
0029	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	40.800
0030	614E23010	WORK ZONE CHANNELIZING LINE, CLASS I, 12" (WT: 39)	FT	3,020.000
0031	614E23690	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT (WT: 39)	FT	3,020.000
0032	808E18700	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY (WT: 39)	SNMT	24.000
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0006</b>	<b>STRUCTURE REPAIR (TRU-11-2383)</b>		



0033	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0034	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	1,427.000
0035	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,925.000
0036	203E40000	BORROW (WT: 06)	CY	70.000
0037	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	194.000
0038	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	60.000
0039	518E12500	SCUPPER, MISC.: CLEANOUT (WT: 29)	EACH	8.000
0040	601E27000	DUMPED ROCK FILL, TYPE C (WT: 35)	CY	5.000
0041	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	100.000
0042	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	1,537.500
0043	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	5.000
0044	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	3.000
0045	606E35100	BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	4.000
0046	626E00102	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	6.000
0047	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	22.000
0048	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	46.000
0049	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0050	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	3.000
0051	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	3.000
0052	659E10000	SEEDING AND MULCHING (WT: 46)	SY	858.000
0053	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.260
0054	659E31000	LIME (WT: 46)	ACRE	0.260
0055	659E35000	WATER (WT: 46)	MGAL	5.200
0056	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	44.000

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**Total 0006      STRUCTURE REPAIR (TRU-11-2383)**

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<b>Section 0007</b>	<b>STRUCTURE REPAIR (TRU-11-2485)</b>			
0057	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0058	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	1,427.000

0059	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,587.500
0060	203E40000	BORROW (WT: 06)	CY	62.500
0061	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	194.000
0062	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	60.000
0063	518E12500	SCUPPER, MISC.: CLEANOUT (WT: 29)	EACH	8.000
0064	601E27000	DUMPED ROCK FILL, TYPE C (WT: 35)	CY	5.000
0065	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	100.000
0066	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	1,287.500
0067	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	4.000
0068	606E35100	BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	4.000
0069	626E00102	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	6.000
0070	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	18.000
0071	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	46.000
0072	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0073	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	1.000
0074	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	1.000
0075	659E10000	SEEDING AND MULCHING (WT: 46)	SY	759.000
0076	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.230
0077	659E31000	LIME (WT: 46)	ACRE	0.230
0078	659E35000	WATER (WT: 46)	MGAL	4.600
0079	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	44.000

**Total 0007      STRUCTURE REPAIR (TRU-11-2485)**

<b>Section 0008</b>	<b>STRUCTURE REPAIR (TRU-11-2691)</b>			
0080	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0081	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	1,427.000
0082	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	1,650.000
0083	203E40000	BORROW (WT: 06)	CY	62.500
0084	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	194.000

0085	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	60.000
0086	518E12500	SCUPPER, MISC.: CLEANOUT (WT: 29)	EACH	8.000
0087	518E12901	SCUPPER, LENGTHENING, AS PER PLAN (WT: 29)	EACH	8.000
0088	601E27000	DUMPED ROCK FILL, TYPE C (WT: 35)	CY	5.000
0089	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	100.000
0090	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	1,387.500
0091	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	3.000
0092	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	1.000
0093	606E35100	BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	4.000
0094	626E00102	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	6.000
0095	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	17.000
0096	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	46.000
0097	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0098	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	4.000
0099	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	4.000
0100	659E10000	SEEDING AND MULCHING (WT: 46)	SY	726.000
0101	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.230
0102	659E31000	LIME (WT: 46)	ACRE	0.230
0103	659E35000	WATER (WT: 46)	MGAL	4.600
0104	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	44.000

**Total 0008      STRUCTURE REPAIR (TRU-11-2691)**

<b>Section</b>	<b>0009</b>	<b>STRUCTURE REPAIR (TRU-11-2790)</b>		
0105	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0106	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	1,759.000
0107	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	3,162.500
0108	203E40000	BORROW (WT: 06)	CY	112.500
0109	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	238.000

0110	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	74.000
0111	518E12500	SCUPPER, MISC.: CLEANOUT (WT: 29)	EACH	8.000
0112	518E12901	SCUPPER, LENGTHENING, AS PER PLAN (WT: 29)	EACH	8.000
0113	601E27000	DUMPED ROCK FILL, TYPE C (WT: 35)	CY	5.000
0114	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	100.000
0115	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	2,900.000
0116	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016) (WT: 36)	EACH	2.000
0117	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	5.000
0118	606E35100	BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	4.000
0119	626E00102	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	6.000
0120	626E00110	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL (WT: NR)	EACH	32.000
0121	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	46.000
0122	630E80100	SIGN, FLAT SHEET (WT: 42)	SF	12.000
0123	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0124	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	2.000
0125	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,419.000
0126	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.430
0127	659E31000	LIME (WT: 46)	ACRE	0.430
0128	659E35000	WATER (WT: 46)	MGAL	8.600
0129	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	54.000

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**Total 0009      STRUCTURE REPAIR (TRU-11-2790)**

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<b>Section 0010</b>	<b>STRUCTURE REPAIR (TRU-87-1513)</b>			
0130	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0131	202E23501	WEARING COURSE REMOVED, AS PER PLAN (WT: NR)	SY	1,759.000
0132	203E40000	BORROW (WT: 06)	CY	5.000
0133	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	238.000
0134	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG70-22M) (WT: 10)	CY	74.000

0135	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	43.000
0136	518E12500	SCUPPER, MISC.: CLEANOUT (WT: 29)	EACH	8.000
0137	519E11101	PATCHING CONCRETE STRUCTURE, AS PER PLAN (WT: 29)	SF	250.000
0138	530E00800	SPECIAL - STRUCTURES CONCRETE SPALL REMOVAL (WT: 29)	SY	15.000
0139	601E27000	DUMPED ROCK FILL, TYPE C (WT: 35)	CY	5.000
0140	626E00102	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL (WT: NR)	EACH	6.000
0141	856E10000	BRIDGE DECK WATERPROOFING ASPHALT CONCRETE (WT: 10)	CY	54.000

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**Total 0010      STRUCTURE REPAIR (TRU-87-1513)**

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**Section 0011      INCIDENTALS**

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0142	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0143	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0144	619E16020	FIELD OFFICE, TYPE C (WT: NR)	MNTH	6.000
0145	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0146	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0011      INCIDENTALS**

**Project Number: 200580**

**PID: 107514**

**Tuscarawas**

SR 516-00.00

E190(907)

DBE Goal: 6.0%

Date Set for Completion: 9/30/2021

Type: TWO LANE RESURFACING

Plan Cost: N/A

**FOR IMPROVING A SECTION IN TUSCARAWAS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY RESURFACING AN EXISTING 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	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	590.000
0002	202E30000	WALK REMOVED (WT: NR)	SF	64.000
0003	209E72051	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN (WT: 06)	MILE	8.000
0004	607E98000	FENCE, MISC.:TEMPORARY ORANGE PLASTIC CONSTRUCTION FENCE (WT: 37)	FT	64.000
0005	608E52000	CURB RAMP (WT: 38)	SF	64.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0006	659E98000	SEEDING, MISC.:CURB RAMP RESTORATION (WT: 46)	SY	4.000
0007	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>		
0008	605E31100	AGGREGATE DRAINS (WT: 35)	FT	60.000
<b>Total</b>	<b>0003</b>	<b>DRAINAGE</b>		
<b>Section</b>	<b>0004</b>	<b>PAVEMENT</b>		
0009	251E01042	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (WT: 16)	CY	300.000
0010	253E02000	PAVEMENT REPAIR (WT: 16)	CY	60.000
0011	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE(2 1/4") (WT: 13)	SY	3,362.000

0012	407E10000	TACK COAT (WT: 10)	GAL	7,594.000
0013	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	3,558.000
0014	441E10101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), AS PER PLAN (PG 70-22M) (WT: 10)	CY	2,023.000
0015	441E50200	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448) (WT: 10)	CY	1,583.000
0016	441E50401	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), AS PER PLAN (WT: 10)	CY	97.000
0017	617E10101	COMPACTED AGGREGATE, AS PER PLAN (WT: 06)	CY	556.000
0018	617E20000	SHOULDER PREPARATION (WT: 06)	SY	8,894.000
<b>Total 0004</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0005</b>	<b>TRAFFIC CONTROL</b>		
0019	621E00100	RPM (WT: 41)	EACH	489.000
0020	621E54000	RAISED PAVEMENT MARKER REMOVED (WT: NR)	EACH	489.000
0021	646E10010	EDGE LINE, 6" (WT: 45)	MILE	7.400
0022	646E10200	CENTER LINE (WT: 45)	MILE	3.700
0023	646E10400	STOP LINE (WT: 45)	FT	12.000
<b>Total 0005</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0006</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0024	614E12460	WORK ZONE MARKING SIGN (WT: 39)	EACH	32.000
0025	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT (WT: 39)	MILE	7.650
0026	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	7.650
0027	614E26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT (WT: 39)	FT	36.000
<b>Total 0006</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0007</b>	<b>INCIDENTALS</b>		
0028	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0029	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0030	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0007</b>		<b>INCIDENTALS</b>		

**Project Number: 200581**

**PID: 106341**

**Van Wert**

Market Street Bridge

E180(216)

DBE Goal: 10%

Date Set for Completion: 10/1/2021

Type: BRIDGE REPAIR

Plan Cost: N/A

**FOR IMPROVING A SECTION IN THE CITY OF VAN WERT, IN VAN WERT COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY DEMOLISHING A BUILDING, RECONSTRUCTING A BRIDGE DECK AND APPROACH, AND PERFORMING ALL RELATED ROADWAY WORK.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section</b>	<b>0001</b>	<b>ROADWAY</b>		
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	1,315.000
0003	202E30000	WALK REMOVED (WT: NR)	SF	2,624.000
0004	202E30204	STEPS REMOVED (WT: NR)	LS	1.000
0005	202E32000	CURB REMOVED (WT: NR)	FT	903.000
0006	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	43.000
0007	202E58100	CATCH BASIN REMOVED (WT: NR)	EACH	3.000
0008	202E75000	FENCE REMOVED (WT: NR)	FT	19.000
0009	203E10000	EXCAVATION (WT: 06)	CY	568.000
0010	203E20000	EMBANKMENT (WT: 06)	CY	222.000
0011	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	1,241.000
0012	204E13000	EXCAVATION OF SUBGRADE (WT: 06)	CY	50.000
0013	204E30020	GRANULAR MATERIAL, TYPE C (WT: 06)	CY	50.000
0014	204E45000	PROOF ROLLING (WT: NR)	HOUR	1.000
0015	204E50000	GEOTEXTILE FABRIC (WT: 06)	SY	200.000
0016	607E35001	FENCE REMOVED AND REBUILT, AS PER PLAN (WT: 37)	FT	104.000
0017	608E10001	4" CONCRETE WALK, AS PER PLAN (WT: 38)	SF	2,125.000
0018	608E52000	CURB RAMP (WT: 38)	SF	577.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		



Section 0002		EROSION CONTROL		
0019	601E21000	CONCRETE SLOPE PROTECTION (WT: 35)	SY	21.000
0020	659E00300	TOPSOIL (WT: 46)	CY	135.000
0021	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,211.000
0022	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	61.000
0023	659E15000	INTER-SEEDING (WT: 46)	SY	61.000
0024	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.170
0025	659E31000	LIME (WT: 46)	ACRE	0.250
0026	659E35000	WATER (WT: 46)	MGAL	7.000
0027	832E30000	EROSION CONTROL (WT: 08)	EACH	7,700.000
Total 0002		EROSION CONTROL		
Section 0003		DRAINAGE		
0028	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS (WT: 35)	FT	100.000
0029	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	211.000
0030	605E14001	6" BASE PIPE UNDERDRAINS, AS PER PLAN (WT: 35)	FT	153.000
0031	611E01500	6" CONDUIT, TYPE F (WT: 35)	FT	100.000
0032	611E01800	8" CONDUIT, TYPE B (WT: 35)	FT	10.000
0033	611E04400	12" CONDUIT, TYPE B (WT: 35)	FT	167.000
0034	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	4.000
0035	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	1.000
Total 0003		DRAINAGE		
Section 0004		PAVEMENT		
0036	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (1 1/2") (WT: 13)	SY	1,821.000
0037	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE (VARIABLE THICKNESS) (WT: 13)	SY	175.000
0038	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	96.000
0039	304E20000	AGGREGATE BASE (WT: 09)	CY	362.000
0040	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	265.000
0041	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	155.000
0042	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P (WT: 12)	SY	100.000
0043	609E24510	CURB, TYPE 4-C (WT: 38)	FT	318.000
0044	609E26000	CURB, TYPE 6 (WT: 38)	FT	316.000
0045	609E26001	CURB, TYPE 6, AS PER PLAN (WT: 38)	FT	274.000
Total 0004		PAVEMENT		

<b>Section 0005</b>		<b>WATER WORK</b>		
0046	638E20500	SPECIAL - VALVE BOX ADJUSTED TO GRADE (VAN WERT MUNICIPAL STANDARD) (WT: 35)	EACH	1.000
<b>Total 0005</b>		<b>WATER WORK</b>		
<b>Section 0006</b>		<b>SANITARY SEWER</b>		
0047	611E99654	MANHOLE ADJUSTED TO GRADE (WT: 35)	EACH	1.000
<b>Total 0006</b>		<b>SANITARY SEWER</b>		
<b>Section 0007</b>		<b>OTHER UTILITIES</b>		
0048	611E99690	MANHOLE, MISC.: REMOVAL OF CENTURYLINK MANHOLE (WT: 35)	EACH	1.000
0049	611E99700	SPECIAL - GAS VALVE BOX ADJUSTED TO GRADE (WT: 35)	EACH	3.000
<b>Total 0007</b>		<b>OTHER UTILITIES</b>		
<b>Section 0008</b>		<b>TRAFFIC CONTROL</b>		
0050	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST (WT: 42)	FT	82.000
0051	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (WT: NR)	EACH	2.000
0052	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION (WT: 42)	EACH	13.000
0053	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL (WT: NR)	EACH	8.000
0054	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.120
0055	642E00400	CHANNELIZING LINE, 8", TYPE 1 (WT: 45)	FT	73.000
0056	642E00500	STOP LINE, TYPE 1 (WT: 45)	FT	101.000
0057	642E00600	CROSSWALK LINE, TYPE 1 (WT: 45)	FT	317.000
0058	642E00700	TRANSVERSE/DIAGONAL LINE, TYPE 1 (WT: 45)	FT	39.000
0059	642E01200	PARKING LOT STALL MARKING, TYPE 1 (WT: 45)	FT	488.000
0060	642E01300	LANE ARROW, TYPE 1 (WT: 45)	EACH	1.000
<b>Total 0008</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0009</b>		<b>BUILDING DEMOLITION</b>		
0061	202E56000	BUILDING DEMOLISHED (231 S. MARKET ST.) (WT: 02)	LS	1.000
<b>Total 0009</b>		<b>BUILDING DEMOLITION</b>		
<b>Section 0010</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0062	616E10000	WATER (WT: NR)	MGAL	2.000
<b>Total 0010</b>		<b>MAINTENANCE OF TRAFFIC</b>		

Section 0011		STRUCTURE OVER 20 FOOT SPAN (8160032)		
0063	202E11203	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN (WT: 29)	LS	1.000
0064	202E23500	WEARING COURSE REMOVED (WT: NR)	SY	151.000
0065	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 29)	LS	1.000
0066	503E21300	UNCLASSIFIED EXCAVATION (WT: 29)	LS	1.000
0067	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	16,489.000
0068	510E10000	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT (WT: 29)	EACH	164.000
0069	511E31610	CLASS QC2 CONCRETE, SUPERSTRUCTURE (WT: 20)	CY	50.000
0070	511E34449	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET), AS PER PLAN (WT: 20)	CY	12.000
0071	511E44110	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING (WT: 29)	CY	34.000
0072	511E51510	CLASS QC2 CONCRETE, SIDEWALK (WT: 20)	CY	29.000
0073	512E10050	SEALING OF CONCRETE SURFACES (NON- EPOXY) (WT: 57)	SY	117.000
0074	512E10100	SEALING OF CONCRETE SURFACES (EPOXY- URETHANE) (WT: 57)	SY	189.000
0075	515E12031	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB17-48, AS PER PLAN (41'-1 1/4") (WT: 20)	EACH	10.000
0076	516E13200	1/2" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	64.000
0077	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	32.000
0078	516E14014	INTEGRAL ABUTMENT EXPANSION JOINT SEAL (WT: NR)	FT	113.000
0079	516E20010	1" ELASTOMERIC ERECTION STRIP (WT: 29)	SF	90.000
0080	516E41100	1/8" PREFORMED BEARING PAD (WT: 29)	EACH	20.000
0081	526E10001	REINFORCED CONCRETE APPROACH SLABS (T=12"), AS PER PLAN (WT: 29)	SY	147.000
Total 0011		STRUCTURE OVER 20 FOOT SPAN (8160032)		
Section 0012		INCIDENTALS		
0082	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0083	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0084	619E16010	FIELD OFFICE, TYPE B (WT: NR)	MNTH	5.000

0085	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0086	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0012</b>		<b>INCIDENTALS</b>		

**Project Number: 200582**

**PID: 104149**

**D03**

CRA, CUY, ERI

GR FY2021

EDGE Goal: 5.0%

Date Set for Completion: 1/31/2022

Type: GUARDRAIL REBUILDING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN ASHLAND, CRAWFORD, CUYAHOGA, ERIE, HURON, LORAIN, MEDINA, RICHLAND, AND WAYNE COUNTIES OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY GUARDRAIL REBUILDING 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	202E38101	GUARDRAIL REMOVED FOR STORAGE, AS PER PLAN (WT: NR)	FT	12,000.000
0002	202E38201	GUARDRAIL REMOVED FOR REUSE, AS PER PLAN (WT: NR)	FT	25.000
0003	202E38500	BRIDGE RAILING REMOVED (WT: NR)	FT	50.000
0004	517E70000	RAILING (TWIN STEEL TUBE) (WT: 36)	FT	50.000
0005	517E72201	RAILING (DEEP BEAM RAIL WITH STEEL TUBULAR BACKUP AND TYPE 1 STEEL POSTS AND ANCHOR BOLTS), AS PER PLAN (WT: 36)	FT	25.000
0006	517E72301	RAILING (DEEP BEAM RAIL WITH STEEL TUBULAR BACKUP AND TYPE 2 STEEL POSTS AND ANCHOR BOLTS), AS PER PLAN (WT: 36)	FT	25.000
0007	517E72751	RAILING (THRIE BEAM RETROFIT), AS PER PLAN (WT: 36)	FT	50.000
0008	606E13000	GUARDRAIL, TYPE 5 (WT: 36)	FT	10,000.000
0009	606E13011	GUARDRAIL, TYPE 5 WITH TUBULAR BACKUP, AS PER PLAN (WT: 36)	FT	50.000
0010	606E13020	GUARDRAIL, TYPE 5 WITH DOUBLE RAILS (WT: 36)	FT	50.000
0011	606E13050	GUARDRAIL, TYPE 5A (WT: 36)	FT	275.000
0012	606E15050	GUARDRAIL, TYPE MGS (WT: 36)	FT	500.000

0013	606E15150	GUARDRAIL, TYPE MGS HALF POST SPACING (WT: 36)	FT	25.000
0014	606E16501	GUARDRAIL REBUILT, TYPE 5, AS PER PLAN (WT: 36)	FT	700.000
0015	606E16601	GUARDRAIL REBUILT, BARRIER DESIGN, TYPE 5, AS PER PLAN (WT: 36)	FT	600.000
0016	606E18501	GUARDRAIL POST, 9 FEET, AS PER PLAN (WT: 36)	EACH	35.000
0017	606E19001	GUARDRAIL POST, STEEL, AS PER PLAN (WT: 36)	EACH	5.000
0018	606E25550	ANCHOR ASSEMBLY, MGS TYPE A (WT: 36)	EACH	2.000
0019	606E26050	ANCHOR ASSEMBLY, MGS TYPE B (WT: 36)	EACH	2.000
0020	606E26150	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016 (WT: 36)	EACH	4.000
0021	606E26500	ANCHOR ASSEMBLY, TYPE T (WT: 36)	EACH	20.000
0022	606E26550	ANCHOR ASSEMBLY, MGS TYPE T (WT: 36)	EACH	3.000
0023	606E27801	ANCHOR ASSEMBLY REBUILT, TYPE A, AS PER PLAN (WT: 36)	EACH	6.000
0024	606E31101	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE C, AS PER PLAN (WT: 36)	EACH	1.000
0025	606E31601	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE D, AS PER PLAN (WT: 36)	EACH	1.000
0026	606E32101	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE E, AS PER PLAN (WT: 36)	EACH	1.000
0027	606E32601	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE F, AS PER PLAN (WT: 36)	EACH	1.000
0028	606E33051	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE G, AS PER PLAN (WT: 36)	EACH	1.000
0029	606E33601	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE H, AS PER PLAN (WT: 36)	EACH	1.000
0030	606E34101	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE J, AS PER PLAN (WT: 36)	EACH	1.000
0031	606E35000	BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	1.000
0032	606E35002	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 (WT: 36)	EACH	1.000
0033	606E35100	BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	1.000
0034	606E35102	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2 (WT: 36)	EACH	1.000
0035	606E35120	BRIDGE TERMINAL ASSEMBLY, TYPE 3 (WT: 36)	EACH	1.000
0036	606E35140	BRIDGE TERMINAL ASSEMBLY, TYPE 4 (WT: 36)	EACH	1.000

0037	606E40000	SPECIAL - 36" CONCRETE ANCHOR (WT: 38)	EACH	1.000
0038	606E60002	IMPACT ATTENUATOR, TYPE 1 (UNIDIRECTIONAL) (WT: 36)	EACH	1.000
0039	606E60012	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL) (WT: 36)	EACH	1.000
0040	606E98000	GUARDRAIL, MISC.: ADJUST HEIGHT EXISTING, TYPE 5 GUARDRAIL (WT: 36)	FT	25.000
0041	606E98000	GUARDRAIL, MISC.: GUARDRAIL REBUILT, BARRIER DESIGN, IN CONCRETE (WT: 36)	FT	25.000
0042	606E98000	GUARDRAIL, MISC.: TUBULAR BACKUP (WT: 36)	FT	12.500
0043	606E98100	GUARDRAIL, MISC.: 25 FT. RAIL ELEMENT SECTION (TYPE A ANCHOR) (WT: 36)	EACH	10.000
0044	606E98100	GUARDRAIL, MISC.: 36" CONCRETE ANCHOR EXTENSION (WT: 36)	EACH	1.000
0045	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY REBUILT, TYPE A, BARRIER DESIGN, AS PER PLAN (WT: 36)	EACH	1.000
0046	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE B-98, 12.5 FT. RAIL ELEMENT (WT: 36)	EACH	33.000
0047	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE B-98, BUFFERED END SECTION (WT: 36)	EACH	12.000
0048	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE B-98, CABLE ASSEMBLY (WT: 36)	EACH	8.000
0049	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE B-98, OFFSET STRUT (WT: 36)	EACH	1.000
0050	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE B-98, STEEL FOUNDATION TUBE (WT: 36)	EACH	1.000
0051	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE B-98, TYPE 1, BREAKAWAY POST (WT: 36)	EACH	24.000
0052	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE B-98, TYPE 2, BREAKAWAY POST (WT: 36)	EACH	38.000
0053	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE E, CABLE ASSEMBLY (WT: 36)	EACH	24.000
0054	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE E-98, 25 FT. RAIL ELEMENT (WT: 36)	EACH	61.000
0055	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE E-98, 3.75 FT. WOOD POST (WT: 36)	EACH	125.000
0056	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE E-98, 6 FT. WOOD POST (WT: 36)	EACH	38.000

0057	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE E-98, EXTRUDER (WT: 36)	EACH	4.000
0058	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE E-98, OFFSET STRUT (WT: 36)	EACH	5.000
0059	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE E-98, SALVAGED EXTRUDER (WT: 36)	EACH	15.000
0060	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE E-98, STEEL FOUNDATION TUBE (WT: 36)	EACH	3.000
0061	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE ET-2000 PLUS, 6'-6" ANGLE STRUT ET HBA (WT: 36)	EACH	15.000
0062	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE ET-2000 PLUS, HBA POST #1 - #2 BOTTOM (WT: 36)	EACH	15.000
0063	606E98100	GUARDRAIL, MISC.: ANCHOR ASSEMBLY, TYPE ET-2000 PLUS, HBA POST #1 TOP (WT: 36)	EACH	15.000
0064	606E98100	GUARDRAIL, MISC.: ANNUAL CABLE RAIL TENSIONING (WT: 36)	EACH	375.000
0065	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 1, 10"x10"x8' WOOD POST (WT: 36)	EACH	1.000
0066	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 1, 12.5 FT. RAIL ELEMENT (WT: 36)	EACH	1.000
0067	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 1, 8"x8"x6' WOOD POST (WT: 36)	EACH	1.000
0068	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 1, 8"x8"x8' WOOD POST (WT: 36)	EACH	1.000
0069	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 1, THRIE-BEAM RAIL ELEMENT (WT: 36)	EACH	1.000
0070	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 1, THRIE-BEAM TERMINAL CONNECTOR (WT: 36)	EACH	1.000
0071	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 1, THRIE-BEAM TRANSITION SECTION (WT: 36)	EACH	1.000
0072	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 2, 12.5 FT. RAIL ELEMENT (WT: 36)	EACH	1.000
0073	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 2, 6"x8" OR ROUND WOOD POST (WT: 36)	EACH	1.000



0074	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 2, W-BEAM TERMINAL CONNECTOR (WT: 36)	EACH	1.000
0075	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 3, 10"x10" WOOD POST (WT: 36)	EACH	1.000
0076	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 3, 12.5 FT. RAIL ELEMENT (WT: 36)	EACH	1.000
0077	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 3, 8"x8" WOOD POST (WT: 36)	EACH	1.000
0078	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 3, THRIE-BEAM RAIL ELEMENT (WT: 36)	EACH	1.000
0079	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 3, THRIE-BEAM TRANSITION SECTION (WT: 36)	EACH	1.000
0080	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 4, 12.5 FT. RAIL ELEMENT (WT: 36)	EACH	1.000
0081	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE 4, 6"x8" WOOD POST (WT: 36)	EACH	20.000
0082	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE TST, 12.5 FT. RAIL ELEMENT (WT: 36)	EACH	1.000
0083	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE TST, 6"x8" WOOD POST (WT: 36)	EACH	1.000
0084	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE TST, THRIE-BEAM RAIL ELEMENT (WT: 36)	EACH	1.000
0085	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE TST, THRIE-BEAM TERMINAL CONNECTOR (WT: 36)	EACH	1.000
0086	606E98100	GUARDRAIL, MISC.: BRIDGE TERMINAL ASSEMBLY, TYPE TST, THRIE-BEAM TRANSITION SECTION (WT: 36)	EACH	1.000
0087	606E98100	GUARDRAIL, MISC.: CABLE RAIL POST (MARION) (WT: 36)	EACH	250.000
0088	606E98100	GUARDRAIL, MISC.: CABLE RAIL POST (TRINITY) (WT: 36)	EACH	200.000
0089	606E98100	GUARDRAIL, MISC.: CABLE RAIL TENSIONING (WT: 36)	EACH	60.000

0090	606E98100	GUARDRAIL, MISC.: CABLE RAIL, CABLE BARRIER TERMINAL POST, CAST IN PLACE (MARION OR TRINITY) (WT: 36)	EACH	30.000
0091	606E98100	GUARDRAIL, MISC.: CABLE RAIL, CABLE BARRIER TERMINAL STRUT (MARION OR TRINITY) (WT: 36)	EACH	1.000
0092	606E98100	GUARDRAIL, MISC.: IMPACT ATTENUATOR, BI-DIRECTIONAL, 12.5 FT. GUARDRAIL ELEMENT (WT: 36)	EACH	20.000
0093	606E98100	GUARDRAIL, MISC.: IMPACT ATTENUATOR, BI-DIRECTIONAL, 3.5 FT. WOOD POST (WT: 36)	EACH	15.000
0094	606E98100	GUARDRAIL, MISC.: IMPACT ATTENUATOR, BI-DIRECTIONAL, 3.5 FT. WOOD POST NOTCHED (WT: 36)	EACH	15.000
0095	606E98100	GUARDRAIL, MISC.: IMPACT ATTENUATOR, BI-DIRECTIONAL, 3/4 INCH CABLE ASSEMBLY (WT: 36)	EACH	1.000
0096	606E98100	GUARDRAIL, MISC.: IMPACT ATTENUATOR, BI-DIRECTIONAL, 4.5 FT. TUBE WITH SOIL PLATE (WT: 36)	EACH	1.000
0097	606E98100	GUARDRAIL, MISC.: IMPACT ATTENUATOR, BI-DIRECTIONAL, 6.5 FT. CHANNEL STRUT (WT: 36)	EACH	1.000
0098	606E98100	GUARDRAIL, MISC.: IMPACT ATTENUATOR, BI-DIRECTIONAL, ROLLED NOSE WITH SIDE PLATES (WT: 36)	EACH	10.000
0099	606E98100	GUARDRAIL, MISC.: SOCKETED FOUNDATION, CONCRETE FOOTING (WT: 36)	EACH	30.000
0100	606E98100	GUARDRAIL, MISC.: URGENT REPAIR (WT: 36)	EACH	75.000
0101	622E10160	CONCRETE BARRIER, SINGLE SLOPE, TYPE D (WT: 38)	FT	25.000
0102	622E24000	CONCRETE BARRIER, TYPE D (WT: 38)	FT	25.000
<b>Total 0001</b>		<b>ROADWAY</b>		
<b>Section 0002</b>		<b>TRAFFIC CONTROL</b>		
0103	626E00110	BARRIER REFLECTOR, TYPE 2, BI-DIRECTIONAL (WT: NR)	EACH	100.000
<b>Total 0002</b>		<b>TRAFFIC CONTROL</b>		
<b>Section 0003</b>		<b>MAINTENANCE OF TRAFFIC</b>		
0104	614E13600	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A TWO LANE HIGHWAY (WT: 39)	EACH	150.000
0105	614E13700	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A FOUR LANE UNDIVIDED HIGHWAY (WT: 39)	EACH	10.000

0106	614E13800	MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A 4 LANE OR GREATER DIVIDED HIGHWAY (WT: 39)	EACH	22.000
0107	614E13900	MAINTENANCE OF TRAFFIC FOR SHOULDER CLOSURE (WT: 39)	EACH	400.000

**Total 0003      MAINTENANCE OF TRAFFIC**

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**Section 0004      INCIDENTALS**

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0108	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0109	624E10000	MOBILIZATION (WT: NR)	LS	1.000

**Total 0004      INCIDENTALS**

**Project Number: 200583**

**PID: 111407**

**D09**

BRO, HIG, JAC

HS FY2021

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Date Set for Completion: 3/31/2021

Type: HERBICIDAL SPRAYING

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN ADAMS, BROWN, HIGHLAND, JACKSON, LAWRENCE, PIKE, ROSS, AND SCIOTO COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY HERBICIDAL SPRAYING ALONG ROADWAYS AND RELATED WORK**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section 0001</b>		<b>ITEMS OF WORK (NON-SELECTIVE VEGETATION CONTROL)</b>		
0001	690E98600	SPECIAL - MISC: CONTROL OF PROHIBITED NOXIOUS WEEDS AND NON-NATIVE INVASIVE SPECIES (WT: 49)	HOUR	100.000
0002	691E41900	SPECIAL - HERBICIDAL SPRAYING, GUARDRAILMISC: CONTROL OF PROHIBITED NOXIOUS WEEDS AND NON-NATIVE INVASIVE SPECIES (WT: 49)	MILE	446.000
<b>Total 0001</b>		<b>ITEMS OF WORK (NON-SELECTIVE VEGETATION CONTROL)</b>		
<b>Section 0002</b>		<b>INCIDENTALS</b>		
0003	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0004	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0005	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0002</b>		<b>INCIDENTALS</b>		

Project Number: 200584

PID: 100653

D11

TUS

CS FY2021

Date Set for Completion: 10/31/2021

Type: CRACK SEALING

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN COLUMBIANA AND TUSCARAWAS COUNTIES, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CRACK SEALING THE ROADWAY, 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>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	423E00204	CRACK SEALING, TYPE II (WT: NR)	SY	653,877.000
<b>Total</b>	<b>0002</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		
0003	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	1.400
0004	642E00204	LANE LINE, 6", TYPE 1 (WT: 45)	MILE	0.700
0005	642E00404	CHANNELIZING LINE, 12", TYPE 1 (WT: 45)	FT	440.000
<b>Total</b>	<b>0003</b>	<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0004</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0006	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	120.000
<b>Total</b>	<b>0004</b>	<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0005</b>	<b>INCIDENTALS</b>		
0007	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0008	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0009	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total</b>	<b>0005</b>	<b>INCIDENTALS</b>		

Project Number: 200585

PID: 109383

Ross

SF5-00.00 ODNR

Date Set for Completion: 5/31/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN SCIOTO TRAIL STATE PARK, FRANKLIN TOWNSHIP, ROSS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY REPLACING A CULVERT WITH A 3-SIDED CULVERT 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	203E10000	EXCAVATION (WT: 06)	CY	100.000
0003	203E20000	EMBANKMENT (WT: 06)	CY	130.000
0004	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	292.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
0005	659E10000	SEEDING AND MULCHING (WT: 46)	SY	548.000
0006	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	28.000
0007	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.070
0008	659E31000	LIME (WT: 46)	ACRE	0.110
0009	659E35000	WATER (WT: 46)	MGAL	3.000
0010	832E30000	EROSION CONTROL (WT: 08)	EACH	5,000.000
<b>Total</b>	<b>0002</b>	<b>EROSION CONTROL</b>		
<b>Section</b>	<b>0003</b>	<b>PAVEMENT</b>		
0011	411E10000	STABILIZED CRUSHED AGGREGATE (WT: NR)	CY	65.000
<b>Total</b>	<b>0003</b>	<b>PAVEMENT</b>		
<b>Section</b>	<b>0004</b>	<b>STRUCTURE 20 FOOT SPAN AND UNDER (ROS-SF5-0002)</b>		
0012	202E11001	STRUCTURE REMOVED, AS PER PLAN (WT: 19)	LS	1.000

0013	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0014	503E21321	UNCLASSIFIED EXCAVATION, INCLUDING ROCK, AS PER PLAN (WT: 35)	LS	1.000
0015	509E10000	EPOXY COATED REINFORCING STEEL (WT: 23)	LB	3,160.000
0016	511E46001	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN (WT: 35)	SY	21.000
0017	511E46510	CLASS QC1 CONCRETE, FOOTING (WT: 35)	CY	27.000
0018	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) (WT: 57)	SY	41.000
0019	512E33000	TYPE 2 WATERPROOFING (WT: 40)	SY	120.000
0020	516E13600	1" PREFORMED EXPANSION JOINT FILLER (WT: NR)	SF	26.000
0021	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC (WT: 35)	CY	12.000
0022	611E70000	CONDUIT, TYPE A, PRECAST REINFORCED CONCRETE THREE SIDED FLAT TOPPED CULVERT (14' SPAN x 5' RISE) (WT: 35)	FT	36.000
<hr/>				
Total 0004		STRUCTURE 20 FOOT SPAN AND UNDER (ROS-SF5-0002)		
<hr/>				
Section	0005	INCIDENTALS		
<hr/>				
0023	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0024	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0025	619E16000	FIELD OFFICE, TYPE A (WT: NR)	MNTH	2.000
0026	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0027	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total 0005		INCIDENTALS		

Project Number: 204025

PID: 101449

D03

CULVERT FY2021

E190(444)

SBE Set-Aside

Date Set for Completion: 10/30/2021

Type: CULVERT REPLACEMENT

Plan Cost: N/A

FOR IMPROVING VARIOUS SECTIONS IN THE TOWNSHIPS OF MILAN, PERRY & PLAIN, IN THE COUNTIES OF ERIE, RICHLAND & WAYNE, OF OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY FIELD PAVING A CORRUGATED METAL PIPE (CMP) UNDER SR-250 AS WELL AS INSTALLING JOINT SEALS WITHIN THE PIPE AT FOUR LOCATIONS, BY SPRAY LINING A REINFORCED CONCRETE PIPE UNDER IR-71, AND BY FIELD PAVING A CMP UNDER SR-95 AS WELL AS LENGTHENING BY INSTALLATION OF ARCH SECTIONS WITH NEW HEADWALLS . SOME AREAS REQUIRE MINOR EARTHWORK AND CONCRETE PLACEMENT, AS WELL AS ALL OTHER RELATED ITEMS.

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	202E11401	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 35)	LB	250.000
0003	202E35100	PIPE REMOVED, 24" AND UNDER (WT: NR)	FT	60.000
0004	202E70130	SPECIAL - PIPE CLEANOUT OVER 48" (WT: NR)	FT	275.000
0005	202E75000	FENCE REMOVED (WT: NR)	FT	14.000
0006	202E75001	FENCE REMOVED, AS PER PLAN (WT: NR)	FT	186.000
0007	202E75251	GATE REMOVED, AS PER PLAN (WT: NR)	EACH	1.000
0008	203E10000	EXCAVATION (WT: 06)	CY	21.000
0009	203E20000	EMBANKMENT (WT: 06)	CY	524.000
0010	607E98000	FENCE, MISC.: TEMPORARY LIVESTOCK FENCE (WT: 37)	FT	215.000
0011	623E38500	MONUMENT ASSEMBLY (WT: NR)	EACH	2.000
0012	623E40520	RIGHT-OF-WAY MONUMENT (WT: NR)	EACH	3.000
<b>Total</b>	<b>0001</b>	<b>ROADWAY</b>		
<b>Section</b>	<b>0002</b>	<b>EROSION CONTROL</b>		



0013	601E32000	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER (WT: 35)	CY	33.000
0014	601E32100	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER (WT: 35)	CY	63.000
0015	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	6.000
0016	659E00300	TOPSOIL (WT: 46)	CY	129.000
0017	659E10000	SEEDING AND MULCHING (WT: 46)	SY	1,155.000
0018	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	59.000
0019	659E15000	INTER-SEEDING (WT: 46)	SY	59.000
0020	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.160
0021	659E31000	LIME (WT: 46)	ACRE	0.240
0022	659E35000	WATER (WT: 46)	MGAL	6.400
0023	832E30000	EROSION CONTROL (WT: 08)	EACH	4,000.000
Total	0002	EROSION CONTROL		
Section	0003	DRAINAGE		
0024	611E07600	18" CONDUIT, TYPE C (WT: 35)	FT	53.000
0025	611E07900	18" CONDUIT, TYPE D (WT: 35)	FT	89.000
0026	611E59100	103" X 71" CONDUIT, TYPE A, 707.02 (0.138) (WT: 35)	FT	16.000
0027	611E96551	FIELD PAVING OF EXISTING PIPE, AS PER PLAN (103" X 71" CMP ARCH) (WT: 35)	FT	89.000
0028	611E96551	FIELD PAVING OF EXISTING PIPE, AS PER PLAN (108" CMP) (WT: 35)	FT	50.000
0029	611E97200	CONDUIT, MISC.: INTERNAL JOINT SEAL (WT: 35)	EACH	4.000
0030	611E98470	CATCH BASIN, NO. 2-2B (WT: 35)	EACH	2.000
Total	0003	DRAINAGE		
Section	0004	PAVEMENT		
0031	304E20000	AGGREGATE BASE (DRIVEWAYS) (WT: 09)	CY	18.000
0032	617E10100	COMPACTED AGGREGATE (WT: 06)	CY	20.000
Total	0004	PAVEMENT		
Section	0005	MAINTENANCE OF TRAFFIC		
0033	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE (WT: 39)	HOUR	12.000
Total	0005	MAINTENANCE OF TRAFFIC		
Section	0006	STRUCTURE 20 FOOT SPAN AND UNDER (RIC-71-3.19)		
0034	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000

0035	833E10001	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, ROUND CONDUIT, AS PER PLAN (72" DIAMETER) (WT: 35)	FT	12.000
<b>Total 0006</b>		<b>STRUCTURE 20 FOOT SPAN AND UNDER (RIC-71-3.19)</b>		
<b>Section 0007</b>		<b>STRUCTURE 20 FOOT SPAN AND UNDER (ERI-250-8.98)</b>		
0036	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
<b>Total 0007</b>		<b>STRUCTURE 20 FOOT SPAN AND UNDER (ERI-250-8.98)</b>		
<b>Section 0008</b>		<b>STRUCTURE 20 FOOT SPAN AND UNDER (WAY-95-5.49)</b>		
0037	503E11100	COFFERDAMS AND EXCAVATION BRACING (WT: 35)	LS	1.000
0038	602E20000	CONCRETE MASONRY (WT: 35)	CY	7.100
<b>Total 0008</b>		<b>STRUCTURE 20 FOOT SPAN AND UNDER (WAY-95-5.49)</b>		
<b>Section 0009</b>		<b>INCIDENTALS</b>		
0039	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0040	614E11000	MAINTAINING TRAFFIC (WT: 39)	LS	1.000
0041	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0042	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0009</b>		<b>INCIDENTALS</b>		

**Project Number: 207046**

**PID: 110381**

**Meigs**

CR 5 0.350

E190(597)

Date Set for Completion: 5/1/2021

Type: SLIDE REPAIR

Plan Cost: N/A

**FOR IMPROVING VARIOUS SECTIONS IN THE VILLAGE OF MIDDLEPORT, OF MEIGS COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY EXCAVATING THE HILLSIDE ALONG COUNTY ROAD 5 AND REPLACING IT WITH ENGINEERED FILL, INCLUDING ALL RELATED ITEMS OF WORK. PROJECT ALSO INCLUDES DEMOLISHING A STRUCTURE THAT HAS BEEN DAMAGED BY THE LANDSLIDE. PLEASE NOTE THAT THE PROJECT INCLUDES SOME ASBESTOS REMOVAL WITHIN THE STRUCTURE TO BE DEMOLISHED.**

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	202E11201	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN (WT: 02)	LS	1.000
0003	202E23000	PAVEMENT REMOVED (WT: NR)	SY	145.000
0004	202E38001	GUARDRAIL REMOVED, AS PER PLAN (WT: NR)	FT	790.000
0005	202E56000	BUILDING DEMOLISHED PARCEL 13-8-67 (WT: 02)	LS	1.000
0006	203E10001	EXCAVATION, AS PER PLAN (WT: 06)	CY	1,524.000
0007	203E20000	EMBANKMENT (WT: 06)	CY	2,630.000
0008	203E20001	EMBANKMENT, AS PER PLAN, FEATHERING (WT: 06)	CY	500.000
0009	203E35001	GRANULAR EMBANKMENT, AS PER PLAN, NO. 8 AGGREGATE (WT: 06)	CY	195.000
0010	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	167.000
0011	606E15101	GUARDRAIL, TYPE MGS WITH LONG POSTS, AS PER PLAN, 710.15 (WT: 36)	FT	728.000
0012	606E25550	ANCHOR ASSEMBLY, MGS TYPE A (WT: 36)	EACH	1.000
0013	606E26150	ANCHOR ASSEMBLY, MGS TYPE E MASH 2016 (WT: 36)	EACH	1.000

Total 0001		ROADWAY		
Section 0002	EROSION CONTROL			
0014	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT (WT: 35)	SY	2.000
0015	659E00100	SOIL ANALYSIS TEST (WT: NR)	EACH	2.000
0016	659E00300	TOPSOIL (WT: 46)	CY	106.000
0017	659E00540	SEEDING AND MULCHING, CLASS 3C (WT: 46)	SY	953.000
0018	659E14000	REPAIR SEEDING AND MULCHING (WT: 46)	SY	48.000
0019	659E15000	INTER-SEEDING (WT: 46)	SY	48.000
0020	659E20000	COMMERCIAL FERTILIZER (WT: 46)	TON	0.130
0021	659E31000	LIME (WT: 46)	ACRE	0.200
0022	659E35000	WATER (WT: 46)	MGAL	5.000
0023	659E40000	MOWING (WT: 46)	MSF	2.000
0024	690E12010	SPECIAL - GEOTEXTILE FABRIC, 712.09, TYPE A (WT: 06)	SY	397.000
0025	832E30000	EROSION CONTROL (WT: 08)	EACH	30,000.000
Total 0002		EROSION CONTROL		
Section 0003	DRAINAGE			
0026	605E14000	6" BASE PIPE UNDERDRAINS (WT: 35)	FT	150.000
0027	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS (WT: 35)	FT	22.000
0028	611E01400	6" CONDUIT, TYPE E, 707.31 (PERFORATED) (WT: 35)	FT	150.000
0029	611E01500	6" CONDUIT, TYPE F, 707.33 (WT: 35)	FT	41.000
0030	611E99710	PRECAST REINFORCED CONCRETE OUTLET (WT: 35)	EACH	3.000
Total 0003		DRAINAGE		
Section 0004	PAVEMENT			
0031	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 1.25" (WT: 13)	SY	1,096.000
0032	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	20.000
0033	304E20000	AGGREGATE BASE (WT: 09)	CY	31.000
0034	407E20000	NON-TRACKING TACK COAT (WT: 10)	GAL	119.000
0035	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (WT: 10)	CY	53.000
Total 0004		PAVEMENT		
Section 0005	WATER WORK			
0036	638E98000	WATER WORK, MISC.:CUT AND CAP EXISTING MAIN, PROVIDE GROUT FILL, ABANDON WATER MAIN (WT: 35)	EACH	2.000

0037	638E98600	WATER WORK, MISC.:PER PLAN (WT: 35)	FT	209.000
Total	0005	WATER WORK		
Section	0006	TRAFFIC CONTROL		
0038	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.100
Total	0006	TRAFFIC CONTROL		
Section	0007	MAINTENANCE OF TRAFFIC		
0039	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
Total	0007	MAINTENANCE OF TRAFFIC		
Section	0008	INCIDENTALS		
0040	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0041	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0042	624E10000	MOBILIZATION (WT: NR)	LS	1.000
Total	0008	INCIDENTALS		

**Project Number: 207047**

**PID: 110744**

**Harrison**

**SR 342 1.790**

Date Set for Completion: 5/31/2021

Type: SLIDE REPAIR

Plan Cost: N/A

**FOR IMPROVING HAS-342-1.79 IN HARRISON COUNTY, OHIO, IN ACCORDANCE WITH PLANS AND SPECIFICATIONS BY CORRECTING A SLOPE FAILURE BY ROCK CHANNEL PLACEMENT AND PAVEMENT REPLACEMENT.**

<b>Ref. No.</b>	<b>Item Code</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Approx. Quantity</b>
<b>Section 0001</b>	<b>ROADWAY</b>			
0001	201E11000	CLEARING AND GRUBBING (WT: 01)	LS	1.000
0002	202E23000	PAVEMENT REMOVED (WT: NR)	SY	7.000
0003	202E38000	GUARDRAIL REMOVED (WT: NR)	FT	100.000
0004	202E42000	ANCHOR ASSEMBLY REMOVED, TYPE A (WT: NR)	EACH	1.000
0005	203E35001	GRANULAR EMBANKMENT, AS PER PLAN (WT: NR)	CY	5.000
0006	204E10000	SUBGRADE COMPACTION (WT: 06)	SY	12.000
0007	606E15100	GUARDRAIL, TYPE MGS WITH LONG POSTS (WT: 36)	FT	62.500
0008	606E26150	ANCHOR ASSEMBLY, MGS TYPE E (NCHRP 350 OR MASH 2016) (WT: 36)	EACH	1.000
<b>Total 0001</b>	<b>ROADWAY</b>			
<b>Section 0002</b>	<b>EROSION CONTROL</b>			
0009	601E32004	ROCK CHANNEL PROTECTION, TYPE A WITH GEOTEXTILE FABRIC (WT: 35)	CY	216.000
0010	601E32204	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC (WT: 35)	CY	12.000
0011	659E10001	SEEDING AND MULCHING, AS PER PLAN (WT: 46)	SY	117.000
0012	832E30000	EROSION CONTROL (WT: 08)	EACH	1,000.000
<b>Total 0002</b>	<b>EROSION CONTROL</b>			
<b>Section 0003</b>	<b>PAVEMENT</b>			

0013	301E46000	ASPHALT CONCRETE BASE, PG64-22 (WT: 10)	CY	2.000
0014	304E20000	AGGREGATE BASE (WT: 09)	CY	5.000
0015	304E20001	AGGREGATE BASE, AS PER PLAN (WT: 09)	CY	23.000
0016	407E10000	TACK COAT (WT: 10)	GAL	2.000
0017	408E10001	PRIME COAT, AS PER PLAN (WT: 10)	GAL	6.000
0018	441E50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, (PG70-22M) (WT: 10)	CY	1.000
0019	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (WT: 10)	CY	1.000
<b>Total 0003</b>		<b>PAVEMENT</b>		
<b>Section</b>	<b>0004</b>	<b>TRAFFIC CONTROL</b>		
0020	626E00110	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) (WT: NR)	EACH	3.000
0021	642E00104	EDGE LINE, 6", TYPE 1 (WT: 45)	MILE	0.130
0022	642E00300	CENTER LINE, TYPE 1 (WT: 45)	MILE	0.070
<b>Total 0004</b>		<b>TRAFFIC CONTROL</b>		
<b>Section</b>	<b>0005</b>	<b>MAINTENANCE OF TRAFFIC</b>		
0023	614E21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT (WT: 39)	MILE	0.070
0024	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WT: 39)	MILE	0.130
<b>Total 0005</b>		<b>MAINTENANCE OF TRAFFIC</b>		
<b>Section</b>	<b>0006</b>	<b>INCIDENTALS</b>		
0025	103E05000	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND (WT: NR)	LS	1.000
0026	614E11001	MAINTAINING TRAFFIC, AS PER PLAN (WT: 39)	LS	1.000
0027	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING (WT: NR)	LS	1.000
0028	624E10000	MOBILIZATION (WT: NR)	LS	1.000
<b>Total 0006</b>		<b>INCIDENTALS</b>		

# Office of Contracts

## Change of Address Form

Please complete this form and return it to:

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

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

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

### New Address (Print or Type PLEASE)

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

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(Signature - Name and Title)

(Date)

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



