

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

DAR-121-(21.73)(22.83)

**RICHLAND TOWNSHIP
DARKE COUNTY**

PROJECT DESCRIPTION

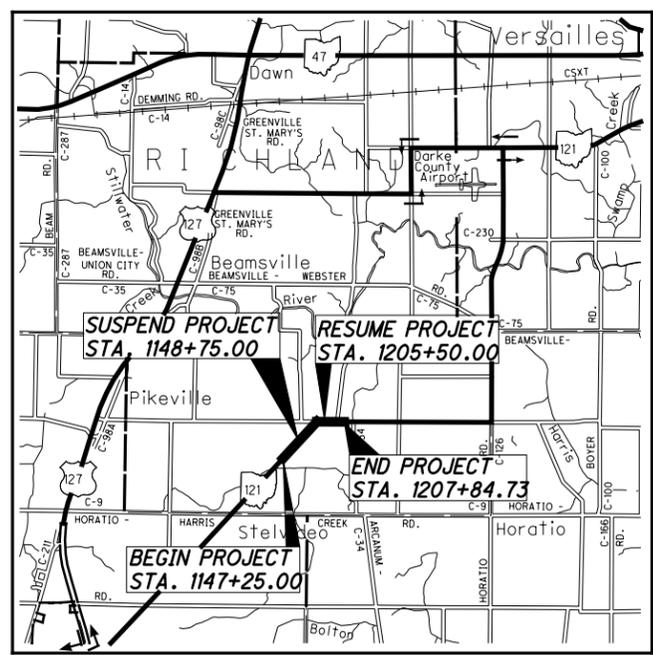
IMPROVEMENT OF 0.07 MILE OF STATE ROUTE 121 BY REPLACEMENT OF TWO STRUCTURES OVER A BRANCH OF THE STILLWATER RIVER, INCLUDING APPROACH RECONSTRUCTION.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 5.4 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 2.1 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: 7.5 ACRES

2013 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.



LOCATION MAP

LATITUDE: 40°09'30" LONGITUDE: 84°34'05"



PORTION TO BE IMPROVED	---
INTERSTATE & DIVIDED HIGHWAY	====
UNDIVIDED STATE & FEDERAL ROUTES	----
OTHER ROADS	----
DETOUR ROUTE	---

DESIGN DESIGNATION

CURRENT ADT (2013)	1460
DESIGN YEAR ADT (2033)	2040
DESIGN HOURLY VOLUME (2033)	204
DIRECTIONAL DISTRIBUTION	55%
TRUCKS (24 HOUR B&C)	2%
DESIGN SPEED	55 MPH
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	RURAL COLLECTOR
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE REQUIRED

UNDERGROUND UTILITIES
CONTACT BOTH SERVICES
CALL TWO WORKING DAYS
BEFORE YOU DIG
CALL
1-800-362-2764
(TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY
OIL & GAS PRODUCERS PROTECTIVE
SERVICE CALL: **1-800-925-0988**

PLAN PREPARED BY:
JOHN J. DOE & ASSOC., INC.
CONSULTING ENGINEERS
9999 ENGLISH DRIVE
COMPUTERLAND, OHIO 00000

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ENGINEERS SEAL

FOR STRUCTURES
OVER 20' SPAN



SIGNED: *John J. Doe*
DATE: 11-11-14

ENGINEERS SEAL

FOR ENTIRE PLAN
EXCEPT STRUCTURES
OVER 20' SPAN



SIGNED: *Jane C. Smith*
DATE: 11-11-14

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	
BP-3.1	7/18/14	WO-1.1	1/18/13	800-2014	10/17/14
BP-4.1	7/19/13	WO-1.2	1/18/13	832	1/17/14
DM-1.1	1/18/13	AS-1-81	1/18/13		
DM-1.4	1/18/13	EXJ-4-87	7/19/02		
DM-4.1	7/19/13	PSBD-2-07	1/21/11		
		TST-1-99	1/17/14		
MGS-1.1	1/20/12				
MGS-2.1	7/19/13				
MGS-4.2	7/19/13				
MGS-5.3	7/19/13				
LA-1.1	10/15/10				
LA-1.2	1/16/09				

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEET 1.

APPROVED _____
DATE _____ DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION

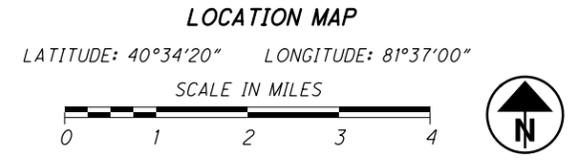
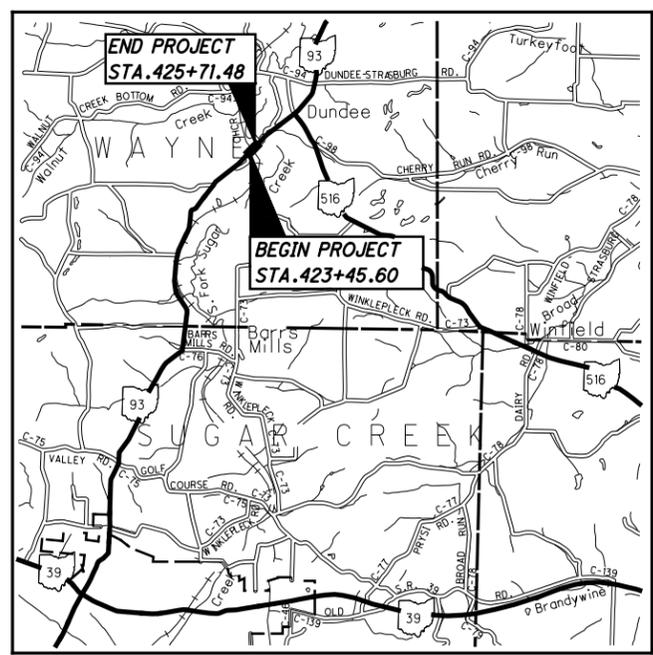
FEDERAL PROJECT NO. **NON-FEDERAL**
CONSTRUCTION PROJECT NO. **14653**
RAILROAD INVOLVEMENT **NONE**
DAR-121-(21.73)(22.83)
1/36

PROJECT DESCRIPTION
REHABILITATION OF THE EXISTING STRUCTURE OVER THE OHIO CENTRAL RAILROAD BY REPLACEMENT OF THE BRIDGE DECK AND APPROACH SLABS.

EARTH DISTURBED AREAS
PROJECT EARTH DISTURBED AREA: 1.5 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.7 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: 4.9 ACRES

2013 SPECIFICATIONS
THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
TUS-93-8.02
RECONSTRUCTION OF EXISTING SEPARATED CROSSING WITH THE OHIO CENTRAL RAILROAD
WAYNE TOWNSHIP
TUSCARAWAS COUNTY



PORTION TO BE IMPROVED:

INTERSTATE & DIVIDED HIGHWAY:

UNDIVIDED STATE & FEDERAL ROUTES:

OTHER ROADS:

DESIGN DESIGNATION

CURRENT ADT (2013)	1270
DESIGN YEAR ADT (2033)	2240
DESIGN HOURLY VOLUME (2033)	224
DIRECTIONAL DISTRIBUTION	60%
TRUCKS (24 HOUR B&C)	5%
DESIGN SPEED	55 MPH
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	RURAL COLLECTOR
NHS PROJECT	NO

DESIGN EXCEPTIONS
NONE REQUIRED

UNDERGROUND UTILITIES
CONTACT BOTH SERVICES
CALL TWO WORKING DAYS
BEFORE YOU DIG

CALL
1-800-362-2764
(TOLL FREE)

OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

OIL & GAS PRODUCERS PROTECTIVE
SERVICE CALL: **1-800-925-0988**

PLAN PREPARED BY:
JOHN J. DOE & ASSOC., INC.
CONSULTING ENGINEERS
9999 ENGLISH DRIVE
COMPUTERLAND, OHIO 00000

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ENGINEERS SEAL

FOR STRUCTURES OVER 20 FOOT SPAN

SIGNED: *John J. Doe*
DATE: 11/11/14

ENGINEERS SEAL

FOR ENTIRE PLAN EXCEPT STRUCTURES OVER 20 FOOT SPAN

SIGNED: *Jane C. Smith*
DATE: 11/11/14

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	
BP-3.1	7/18/14	AS-1-81	1/18/13	800-2014	10/17/14
BP-4.1	7/19/13	CPA-1-08	7/18/08	832	1/17/14
BP-5.1	7/19/13	CS-1-08	7/18/08		
		SBR-1-99	7/19/02		
DM-1.1	1/18/13				
DM-1.4	1/18/13	MT-96.11	7/18/14		
DM-4.4	7/20/12	MT-96.20	7/19/13		
		MT-96.26	7/19/13		
MGS-1.1	1/20/12				
MGS-2.1	7/19/13				
MGS-3.1	7/18/14				
MGS-4.2	7/19/13				
MGS-5.3	7/19/13				
RM-4.2	7/19/13				
				SPECIAL PROVISIONS	
				WATERWAY PERMIT 4/23/13	

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED _____
DATE _____ DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO. **E073 (345)**

CONSTRUCTION PROJECT NO. **22512**

RAILROAD INVOLVEMENT **OHIO CENTRAL R.R.**

TUS-93-8.02

1
28

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

WYA-30-9.11
SALEM TOWNSHIP
WYANDOT COUNTY

PROJECT DESCRIPTION

CONSTRUCTION OF A 2.24 MILE CONNECTION FROM U.S. 30 TO U.S. 23, WITH A CONNECTING ROAD AT U.S. 30 AND A LIGHTED INTERCHANGE AT U.S. 23. INCLUDING CONSTRUCTION OF STRUCTURES U.S. 30 UNDER TR49, U.S. 30 WB OVER U.S.23 SB, RAMP B, AND U.S. 23 UNDER CR 47; REPLACEMENT OF STRUCTURES U.S. 23 NB AND SB OVER LITTLE TYMOCHTEE CREEK; RECONSTRUCTION OF VARIOUS LOCAL ROADS; AND INSTALLATION OF NECESSARY TRAFFIC CONTROL DEVICES.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 20.6 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 5.4 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: 26.0 ACRES

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

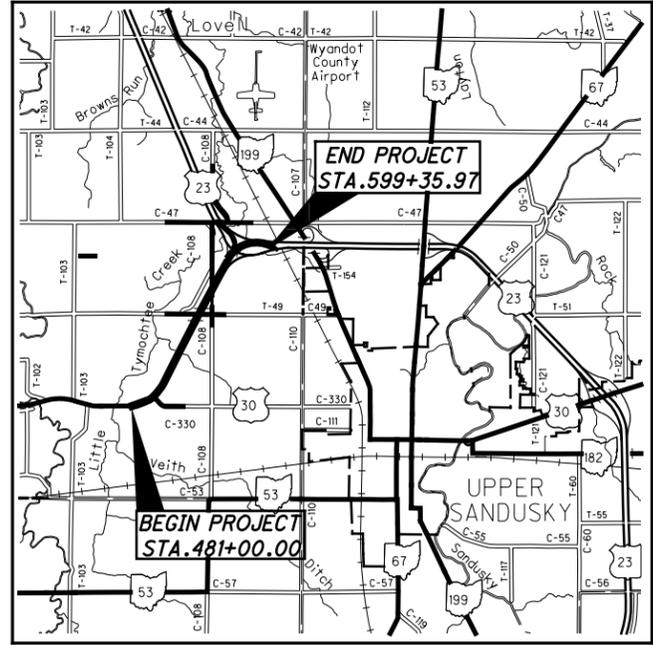
2013 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY EXCEPT AS NOTED ON SHEET 25, AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED _____
DATE _____ DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION



LOCATION MAP

LATITUDE: 40°50'50" LONGITUDE: 83°19'35"



PORTION TO BE IMPROVED	-----
INTERSTATE & DIVIDED HIGHWAY	=====
UNDIVIDED STATE & FEDERAL ROUTES	-----
OTHER ROADS	-----

DESIGN DESIGNATION

CURRENT ADT (2013)	3510
DESIGN YEAR ADT (2033)	4880
DESIGN HOURLY VOLUME (2033)	488
DIRECTIONAL DISTRIBUTION	55%
TRUCKS (24 HOUR B&C)	20%
DESIGN SPEED	70 MPH
T _d	20%
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	RURAL FREEWAY
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE REQUIRED

UNDERGROUND UTILITIES
CONTACT BOTH SERVICES
CALL TWO WORKING DAYS
BEFORE YOU DIG

CALL **1-800-362-2764**
(TOLL FREE)

OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
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SERVICE CALL: **1-800-925-0988**

PLAN PREPARED BY:
JOHN J. DOE & ASSOC., INC.
CONSULTING ENGINEERS
9999 ENGLISH DRIVE
COMPUTERLAND, OHIO 00000

<p>ENGINEERS SEAL</p> <p>FOR STRUCTURES OVER 20 FOOT</p> <p>SIGNED: <i>John J. Doe</i> DATE: 11/11/14</p>	<p>ENGINEERS SEAL</p> <p>FOR ENTIRE PLAN EXCEPT STRUCTURES OVER 20 FOOT</p> <p>SIGNED: <i>Jane C. Smith</i> DATE: 11/11/14</p>
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STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS			
BP-1.1	7/28/00	MGS-1.1	1/20/12	MH-1.1	1/18/13	HL-10.31	1/17/14	TC-07.65	10/18/13	800-2014	10/17/14
		MGS-2.1	7/19/13	MH-1.2	1/18/13	HL-20.11	1/17/14	TC-12.30	10/18/13	832	1/17/14
CB-2.2	1/17/14	MGS-3.1	7/18/14	MH-3.1	1/18/13	HL-20.14	1/17/14	TC-21.10	10/18/13		
CB-3.1	1/18/13	MGS-4.2	7/19/13			HL-20.21	1/17/14	TC-21.20	10/18/13		
CB-3.2	1/18/13	MGS-5.3	7/19/13	RM-1.1	7/18/14	HL-30.11	1/17/14	TC-22.20	1/19/01		
CB-3.4	1/18/13	MGS-6.1	7/19/13	RM-4.2	6/4/14	HL-30.21	1/17/14	TC-41.10	10/19/07		
				RM-4.3	7/18/14	HL-30.22	1/17/14	TC-41.20	10/18/13		
DM-1.1	1/18/13	HW-1.1	1/18/13			HL-30.31	1/17/14	TC-41.40	10/18/13		
DM-1.4	1/18/13	HW-2.1	1/18/13	MT-35.10	4/20/01	HL-40.10	1/17/14	TC-41.50	10/18/13		
DM-4.4	7/20/12	HW-2.2	1/18/13	MT-95.30	7/17/09	HL-50.11	1/17/14	TC-42.10	10/18/13		
				MT-102.10	7/17/09	HL-60.21	1/17/14	TC-42.20	10/18/13		
F-2.1	7/19/13	LA-1.1	10/15/10			HL-60.31	1/17/14	TC-51.11	4/20/01		
F-3.1	7/19/13	LA-1.2	1/16/09	AS-1-81	1/18/13			TC-52.10	10/18/13		
F-3.3	7/19/13			ICD-1-82	7/19/02			TC-52.20	1/19/07		
F-3.4	7/19/13	WO-1.1	1/18/13	SBR-1-99	7/19/02						
		WQ-1.2	1/18/13								

SPECIAL PROVISIONS

WATERWAY PERMIT 4/23/13

GEOTECHNICAL REPORT 6/02/12

FEDERAL PROJECT NO. **E043 (184)**

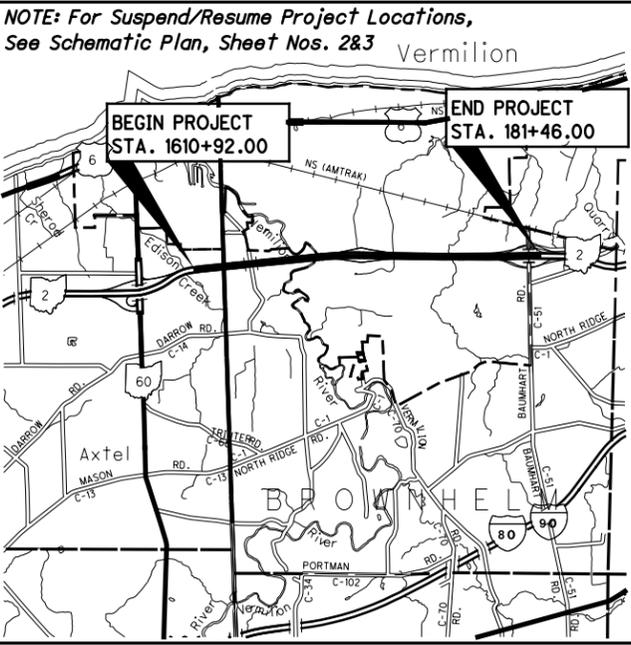
PID NO. **23436**

CONSTRUCTION PROJECT NO. **NONE**

RAILROAD INVOLVEMENT **NONE**

WYA-30-9.11

1/521



LOCATION MAP

LATITUDE: 41°24'10" LONGITUDE: 82°18'40"



PORTION TO BE IMPROVED	-----
INTERSTATE & DIVIDED HIGHWAY	=====
UNDIVIDED STATE & FEDERAL ROUTES	=====
OTHER ROADS	-----

FOR DESIGN DESIGNATION AND DESIGN EXCEPTIONS SEE SHEETS 2 AND 3

UNDERGROUND UTILITIES
CONTACT BOTH SERVICES
CALL TWO WORKING DAYS
BEFORE YOU DIG

CALL
1-800-362-2764
(TOLL FREE)

OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

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SERVICE CALL: **1-800-925-0988**

PLAN PREPARED BY:
JOHN J. DOE & ASSOC., INC.
CONSULTING ENGINEERS
9999 ENGLISH DRIVE
COMPUTERLAND, OHIO 00000

ENGINEERS SEAL

FOR STRUCTURES
20' & UNDER

SIGNED: *John J. Doe*
DATE: 11-11-14

ENGINEERS SEAL

FOR ENTIRE PLAN
EXCEPT STRUCTURES
OVER 20'

SIGNED: *Jane C. Smith*
DATE: 11-11-14

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

**ERI-2-30.51 AND VARIOUS
LOR-2-0.00 AND VARIOUS**

**CITY OF VERMILION
BROWNHelm TOWNSHIP
VERMILION TOWNSHIP
ERIE AND LORAIN COUNTIES**

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STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS
BP-1.1	7/28/00	MGS-1.1	1/20/12	HL-10.13	1/17/14	TC-18.24	1/17/14	800-2014 10/17/14
BP-2.1	7/19/13	MGS-2.1	7/19/13	HL-20.14	1/17/14	TC-22.20	1/17/14	832 1/17/14
BP-2.2	7/18/08	MGS-3.1	7/18/14	HL-30.11	1/17/14	TC-41.10	7/19/13	
BP-2.3	7/18/14	MGS-3.2	1/18/13	HL-30.21	1/17/14	TC-41.20	10/18/13	
BP-2.5	7/19/13	MGS-4.2	7/19/13	HL-30.31	1/17/14	TC-41.40	10/18/13	
BP-3.1	7/18/14	MGS-5.3	7/19/13	HL-30.32	1/17/14	TC-41.50	10/18/13	
BP-6.1	7/19/13	MGS-6.1	7/19/13	HL-40.10	1/17/14	TC-42.10	10/18/13	
						TC-42.20	10/18/13	
CB-1.1	1/18/13	RM-4.2	10/19/07	MT-95.30	7/18/14	TC-51.11	1/17/14	
CB-2.2	1/17/14	RM-4.3	10/16/09	MT-95.31	7/18/14	TC-52.10	10/18/13	
CB-3.1	1/18/13	RM-4.4	10/16/09	MT-96.11	7/18/14	TC-52.20	7/18/14	
CB-3.2	1/18/13			MT-96.20	7/19/13	TC-65.10	1/17/14	
				MT-96.26	7/19/13	TC-65.11	7/18/14	
DM-1.1	1/18/13	AS-1-81	1/18/13	MT-99.20	7/19/13	TC-72.20	7/18/14	
DM-1.4	1/18/13	EXJ-4-87	7/19/02			TC-82.10	10/18/13	
DM-4.4	7/20/12	RB-1-55	7/19/13					
		SBR-1-99	7/19/02					

PROJECT DESCRIPTION

REHABILITATION OF 1.72 MILES OF EXISTING PAVEMENT AND SHOULDERS FOR ONGOING RESEARCH PROJECTS INCLUDING THE INSTALLATION OF WEIGH-IN-MOTION INSTRUMENTATION AND THE REHABILITATION OF BRIDGES UNDER WEST REIVER ROAD, VERMILION ROAD, VERMILION INTERCHANGE ROAD, SUNNYSIDE ROAD AND CLAUS ROAD AND OVER THE VERMILION RIVER AND BAUMHART ROAD.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 9.5 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 2.6 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: 12.1 ACRES

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

2013 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY EXCEPT FOR THE RAMPS AND SIDE ROADS AS DESCRIBED ON SHEETS 16 & 17 AND AS SHOWN ON SHEETS 19-22, AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

UNDER AUTHORITY OF SECTION 4511.21, DIVISION (H) OF THE OHIO REVISED CODE, THE REVISED PRIMA FACIE SPEED LIMITS AS INDICATED HEREIN ARE DETERMINED TO BE REASONABLE AND SAFE, AND ARE HEREBY ESTABLISHED FOR THE DURATION OF THIS PROJECT. THE PRIMA FACIE SPEED LIMIT OR LIMITS HEREBY ESTABLISHED SHALL BECOME EFFECTIVE WHEN APPROPRIATE SIGNS GIVING NOTICE THEREOF ARE ERECTED.

APPROVED _____
DATE _____ DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISIONS
WATERWAY PERMIT
4/23/13

FEDERAL PROJECT NO. **E115 (218)**
CONSTRUCTION PROJECT NO. **20283**
RAILROAD INVOLVEMENT **NONE**
**ERI-2-30.51 AND VARIOUS
LOR-2-0.00 AND VARIOUS**
1
267

SHEET NUMBER											PARTICIPATION		ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	FIG. 1307-3(c) DATE: JANUARY 2015	SEE SHEET NO.	CALCULATED JKP CHECKED FGW
16	18	23	55	192	262															
																	RETAINING WALLS			
																	OPTION A: REINFORCED EARTH WALL			
								1710			203	20000	1710	CU YD	EMBANKMENT					
								3474			203	35000	3474	CU YD	GRANULAR EMBANKMENT					
								LUMP			503	11100	LUMP		COFFERDAMS AND EXCAVATION BRACING					
								1124			503	21101	1124	CU YD	UNCLASSIFIED EXCAVATION, AS PER PLAN				108	
								4766			SPECIAL	61050010	4766	SQ FT	RETAINING WALL, MISC.: REINFORCED EARTH WALL SYSTEM				190	
																	OPTION B: RETAINED EARTH WALL			
								1636			203	20000	1636	CU YD	EMBANKMENT					
								3584			203	35000	3584	CU YD	GRANULAR EMBANKMENT					
								LUMP			503	11100	LUMP		COFFERDAMS AND EXCAVATION BRACING					
								1150			503	21101	1150	CU YD	UNCLASSIFIED EXCAVATION, AS PER PLAN				108	
								4738			SPECIAL	61050010	4738	SQ FT	RETAINING WALL, MISC.: RETAINED EARTH WALL SYSTEM				190	
																	BUILDING DEMOLITION			
								LUMP			202	56000	LUMP		BUILDING DEMOLISHED: PARCEL NO. 11-WD-1, 1 STORY BRICK BUILDING					
								LUMP			202	56000	LUMP		BUILDING DEMOLISHED: PARCEL NO. 13-T, 1 STORY BLOCK BUILDING					
								LUMP			202	56000	LUMP		BUILDING DEMOLISHED: PARCEL NO. 13-WL, 2 STORY BRICK BUILDING					
								LUMP			202	56000	LUMP		BUILDING DEMOLISHED: PARCEL NO. 19-T, 1 STORY METAL BUILDING					
																	STRUCTURES OVER 20' SPAN			
								878			SPECIAL	51272000	878	SQ YD	EPOXY WATERPROOFING OVERLAY (1/4" THICK)				190	
																	MAINTENANCE OF TRAFFIC			
	10										614	11110	10	HOURLY	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE					
	5										614	12460	5	EACH	WORK ZONE MARKING SIGN					
		38									614	12470	38	EACH	WORK ZONE SPEED LIMIT SIGN					
	100										614	12500	100	EACH	REPLACEMENT SIGN					
	200										614	12600	200	EACH	REPLACEMENT DRUM					
							1528				614	12800	1528	EACH	WORK ZONE RAISED PAVEMENT MARKER					
				1201							614	13100	1201	EACH	BARRIER REFLECTOR					
	14.00										614	20300	14.00	MILE	WORK ZONE LANE LINE, CLASS I, 740.06, TYPE II					
				0.11							614	21300	0.11	MILE	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE II					
	0.26										614	21700	0.26	MILE	WORK ZONE CENTER LINE, CLASS II, 740.06, TYPE II					
				4.33							614	22000	4.33	MILE	WORK ZONE EDGE LINE, CLASS I					
				7.34							614	22300	7.34	MILE	WORK ZONE EDGE LINE, CLASS I, 740.06, TYPE II					
				48							614	26600	48	FT	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE II					
	5692										614	28600	5692	FT	WORK ZONE GORE MARKING, CLASS II, 740.06, TYPE II					
				LUMP							615	10000	LUMP		ROADS FOR MAINTAINING TRAFFIC					
				944							615	35001	944	SQ YD	PAVEMENT FOR MAINTAINING TRAFFIC, AS PER PLAN				17	
	30										616	10000	30	M GAL	WATER					
	10										616	20000	10	TON	CALCIUM CHLORIDE					
				30280							622	41001	30280	FT	PORTABLE BARRIER, 32", AS PER PLAN				58	
																	INCIDENTALS			
											614	11000	LUMP		MAINTAINING TRAFFIC					
											619	16020	8	MONTH	FIELD OFFICE, TYPE C					
											623	10000	LUMP		CONSTRUCTION LAYOUT STAKES AND SURVEYING					
											624	10000	LUMP		MOBILIZATION					

GENERAL SUMMARY

TRU-99-13.48

SHEET									ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
GEN	DEL	MRW	FRA1	FRA2	MAD	MRW	PIC	UNI						
5	15	16	17	18	19	20	21	22						
TRAFFIC CONTROL														
	209.9	48.6	12.2	12.6	34.2	152.7	100.6	120.2	642	00090	691	MILE	EDGE LINE, 4"	
	113.0	33.3	369.9	298.0	29.9	59.8	94.3		642	00094	885.2	MILE	EDGE LINE, 6"	
	70.0	32.7	273.0	314.1	22.2	30.6	59.6		642	00194	732	MILE	LANE LINE, 6"	
	106.0	23.4	8.4	6.7	17.4	79.7	50.1		642	00290	185.7	MILE	CENTER LINE	
	9201.0	3171.0	8512.0	4512.0	528.0		7548.0		642	00394	24271	FT	CHANNELIZING LINE, 12"	
		106.0	7689.0	5459.0	897.0		950.0		642	01508	14995	FT	DOTTED LINE, 6"	
MAINTENANCE OF TRAFFIC														
240									614	11110	240	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
LUMP									642	20000	LUMP		TWO WAY RADIO EQUIPMENT	
INCIDENTALS														
LUMP									614	11000	LUMP		MAINTAINING TRAFFIC	
LUMP									614	11001	LUMP		MAINTAINING TRAFFIC, AS PER PLAN	4
LUMP									624	10001	LUMP		MOBILIZATION, AS PER PLAN	4

Calculated by: JJD
Checked by: DAC

