

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

DAR-121-(21.73)(22.83)

**RICHLAND TOWNSHIP
DARKE COUNTY**

PROJECT DESCRIPTION

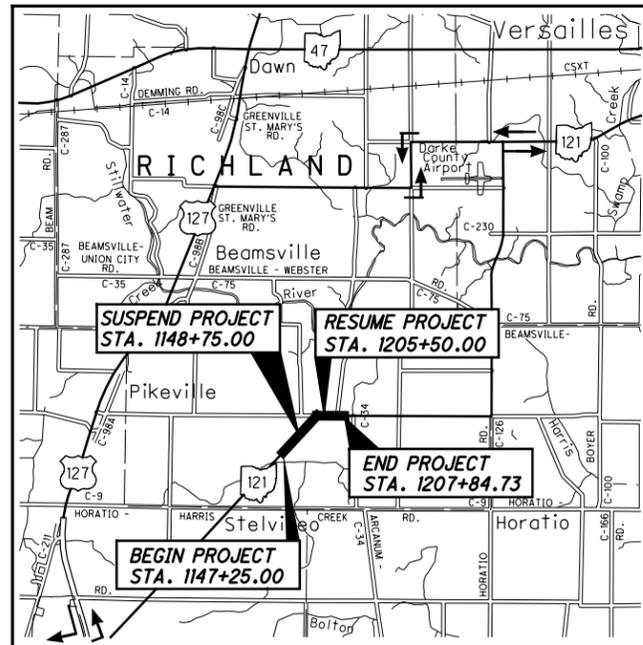
IMPROVEMENT OF 0.07 MILE OF STATE ROUTE 121 BY REPLACEMENT OF TWO STRUCTURES OVER A BRANCH OF THE STILLWATER RIVER, INCLUDING APPROACH RECONSTRUCTION.

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"

SCALE IN MILES



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:	---	05 MAJOR COLLECTOR (RURAL)
NHS PROJECT	-----	NO

DESIGN EXCEPTIONS

NONE REQUIRED

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

Call Before You Dig
1-800-362-2764

(Non-members must be called directly)
OIL & GAS PRODUCERS
UNDERGROUND PROTECTION SERVICE
1-800-925-0988

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

INDEX OF SHEETS:

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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

NO.	DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY	DATE
BP-3.1	7/18/14	WO-1.1	1/18/13				
BP-4.1	7/19/13	WO-1.2	1/18/13				
DM-1.1	1/18/13	AS-1-81	1/18/13				
DM-4.1	7/19/13	EXJ-4-87	7/19/02				
MGS-1.1	1/20/12	PSBD-2-07	1/21/11				
MGS-2.1	7/19/13	TST-1-99	1/17/14				
MGS-4.2	7/19/13						
MGS-5.3	7/19/13						
LA-1.1	10/15/10						
LA-1.2	10/15/10						

SUPPLEMENTAL SPECIFICATIONS

800-2015	1/21/15
832	1/17/14

SPECIAL PROVISIONS

WATERWAY PERMIT 1/23/15

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

PID NO.
14653

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT
NONE

DAR-121-(21.73)(22.83)

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

TUS-93-8.02

**RECONSTRUCTION OF EXISTING
SEPARATED CROSSING WITH THE
OHIO CENTRAL RAILROAD**

**WAYNE TOWNSHIP
TUSCARAWAS COUNTY**

PROJECT DESCRIPTION

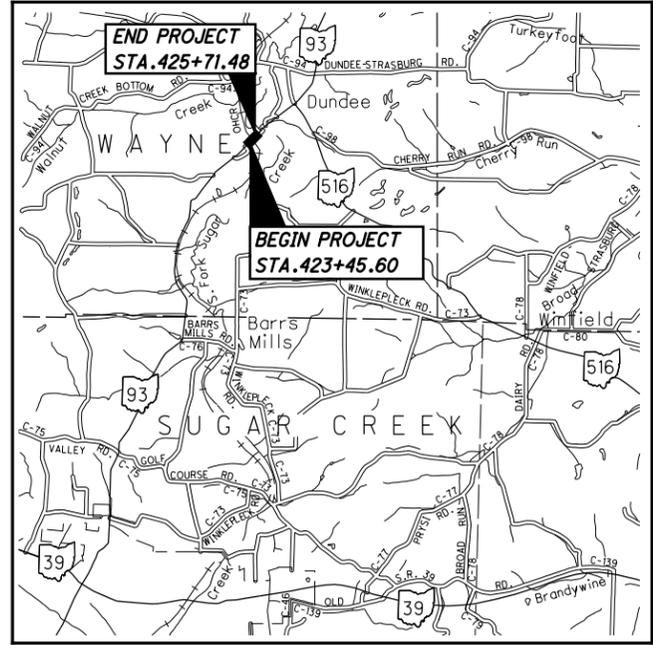
REHABILITATION OF THE EXISTING STRUCTURE
OVER THE OHIO CENTRAL RAILROAD BY REPLACE-
MENT OF THE BRIDGE DECK AND APPROACH SLABS.

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.



LOCATION MAP

LATITUDE: 40°34'20" LONGITUDE: 81°37'00"



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:	06 MINOR COLLECTOR (RURAL)
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE REQUIRED

INDEX OF SHEETS:

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SCHEMATIC PLAN	2
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RIGHT OF WAY	22-28
SOIL PROFILES	

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

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	
BP-3.1	7/18/14	AS-1-81	1/18/13	800-2015	1/21/15
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				

UNDERGROUND UTILITIES

CONTACT BOTH SERVICES TWO WORKING DAYS
BEFORE YOU DIG.

Call Before You Dig
1-800-362-2764

(Non-members must be called directly)

OIL & GAS PRODUCERS
UNDERGROUND PROTECTION SERVICE
1-800-925-0988

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

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

SPECIAL PROVISIONS

WATERWAY PERMIT
1/23/15

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 T.R. 49, U.S. 30 WB OVER U.S.23 SB, RAMP B, AND U.S. 23 UNDER C.R. 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.

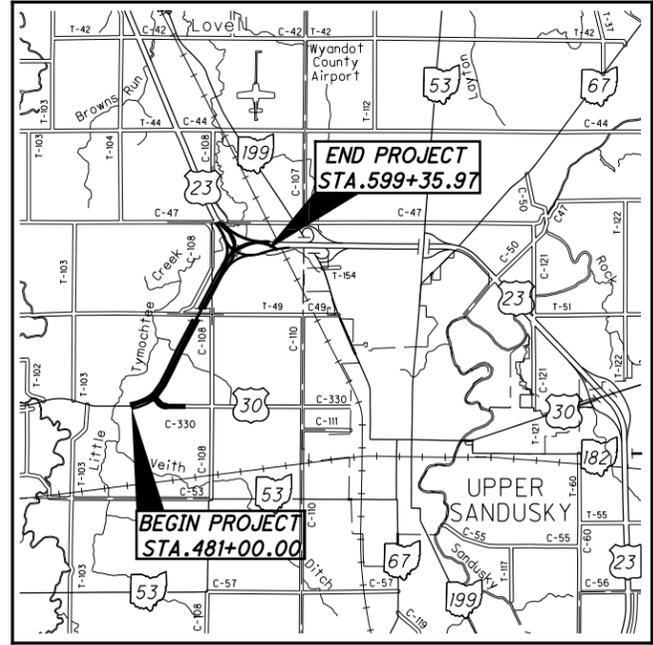
2013 SPECIFICATIONS

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:	06 FREEWAY (RURAL)
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE REQUIRED

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

Call Before You Dig
1-800-362-2764

(Non-members must be called directly)

OIL & GAS PRODUCERS
UNDERGROUND PROTECTION SERVICE
1-800-925-0988

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

ENGINEERS SEAL FOR STRUCTURES OVER 20 FOOT	ENGINEERS SEAL FOR ENTIRE PLAN EXCEPT STRUCTURES OVER 20 FOOT
SIGNED: <i>John J. Doe</i> DATE: 11/11/14	SIGNED: <i>Jane C. Smith</i> DATE: 11/11/14

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STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS			
BP-1.1	7/28/00	MGS-1.1	7/19/13	MH-1.1	1/18/13	HL-10.31	1/16/15	TC-07.65	10/18/13	800-2015	1/21/15
		MGS-2.1	7/19/13	MH-1.2	1/18/13	HL-20.11	1/16/15	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	1/16/15	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	1/16/15		
CB-3.2	1/18/13	MGS-5.3	7/19/13	RM-1.1	7/18/14	HL-30.11	1/16/15	TC-22.20	1/17/14		
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	7/19/13		
				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-4.4	7/20/12	HW-2.1	1/18/13	MT-95.30	7/18/14	HL-40.10	1/17/14	TC-41.50	10/18/13		
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F-3.1	7/19/13	LA-1.1	10/15/10	AS-1-81	1/18/13	HL-60.31	1/16/15	TC-51.11	1/17/14		
F-3.3	7/19/13	LA-1.2	10/15/10	ICD-1-82	7/19/02			TC-52.10	10/18/13		
F-3.4	7/19/13							TC-52.20	7/18/14		
		WO-1.1	1/18/13								
		WO-1.2	1/18/13								

SPECIAL PROVISIONS

WATERWAY PERMIT
1/23/15

GEOTECHNICAL REPORT
6/02/14

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 CLAUD 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.

APPROVED _____
DATE _____ DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION

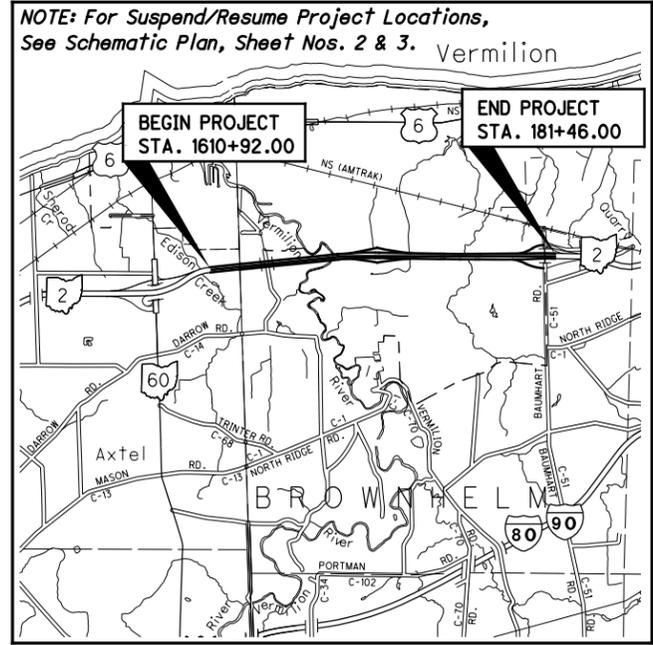
SPECIAL PROVISIONS
WATERWAY PERMIT
1/23/14

STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

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

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



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

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

Call Before You Dig
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OIL & GAS PRODUCERS
UNDERGROUND PROTECTION SERVICE
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

STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS
BP-1.1	7/28/00	MGS-1.1	7/19/13	HL-10.13	1/16/15	TC-18.24	1/17/14	800-2015 1/21/15
BP-2.1	7/19/13	MGS-2.1	7/19/13	HL-20.14	1/16/15	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	1/16/15	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	6/4/14	MT-95.30	7/18/14	TC-51.11	1/17/14	
CB-2.2	1/17/14	RM-4.3	7/18/14	MT-95.31	7/18/14	TC-52.10	10/18/13	
CB-3.1	1/18/13	RM-4.4	7/18/14	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	EXJ-4-87	7/19/02	MT-99.20	7/19/13	TC-72.20	7/18/14	
DM-4.4	7/20/12	RB-1-55	7/19/13			TC-82.10	10/18/13	

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

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

CRA-C.R. 6-1.61
(BOUNDARY RD.) PART 1
CRANBERRY TOWNSHIP
CRAWFORD COUNTY
FOR PART 2, SEE CAR-C.R. 31 (SCOTT RD.)

PROJECT DESCRIPTION

IMPROVEMENT OF 0.04 MILE OF C.R. 6 (BOUNDARY ROAD) BY REPLACEMENT OF AN EXISTING STEEL TRUSS STRUCTURE OVER BROKEN KNIFE CREEK WITH A PRECAST PRESTRESSED BOX BEAM TYPE STRUCTURE INCLUDING APPROACH RECONSTRUCTION.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 1.7 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.6 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.

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 7.

APPROVED _____
DATE _____ CRAWFORD COUNTY COMMISSIONER

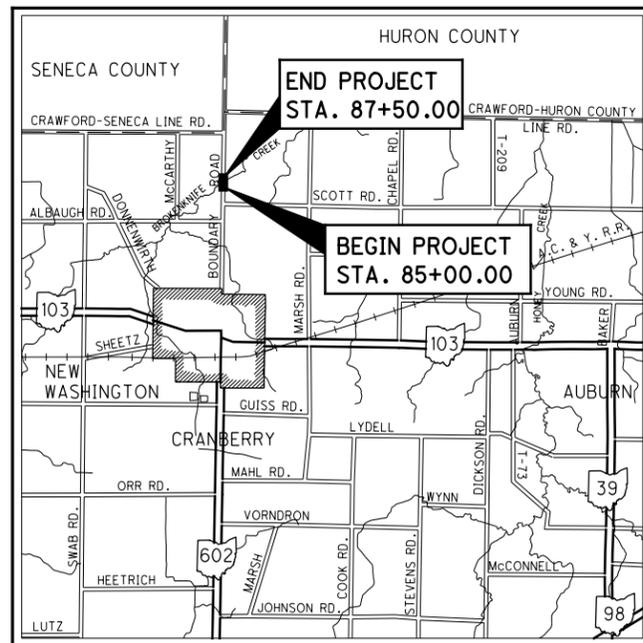
APPROVED _____
DATE _____ CRAWFORD COUNTY COMMISSIONER

APPROVED _____
DATE _____ CRAWFORD COUNTY COMMISSIONER

APPROVED _____
DATE _____ ENGINEER, CRAWFORD COUNTY

APPROVED _____
DATE _____ DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION



LOCATION MAP

LATITUDE: 40°59'10" LONGITUDE: 82°51'10"



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

DESIGN DESIGNATION

CURRENT ADT (2013)	1500
DESIGN YEAR ADT (2033)	2020
DESIGN HOURLY VOLUME (2033)	166
DIRECTIONAL DISTRIBUTION	50%
TRUCKS (24 HOUR B&C)	5%
DESIGN SPEED	55 MPH
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	05 MAJOR COLLECTOR (RURAL)
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE REQUIRED

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

OHIO Utilities Protection SERVICE
Call Before You Dig
1-800-362-2764
(Non-members must be called directly)

OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE
1-800-925-0988

PLAN PREPARED BY:

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

INDEX OF SHEETS:

TITLE SHEET	1
SCHEMATIC PLAN	2
TYPICAL SECTIONS	3-4
GENERAL NOTES	5
MAINTENANCE OF TRAFFIC	6
DETOUR PLAN	7
MAINTENANCE OF TRAFFIC	8-9
GENERAL SUMMARY AND CALCULATIONS	10
PROJECT SITE PLAN	11
PLAN AND PROFILE	12-13
CROSS SECTIONS	14-17
PREFABRICATED STRUCTURES	18-21
RIGHT OF WAY	22-27
SOIL PROFILES	

ENGINEERS SEAL:

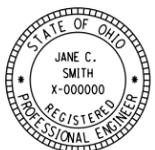
FOR DESIGN CHANGES NOTED ON SHEET 4



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

ENGINEERS SEAL:

FOR ENTIRE PLAN EXCEPT STRUCTURES 20' & OVER



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

PARTS 1 AND 2

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	
BP-3.1	7/18/14	RM-1.1	7/18/14	800-2015	1/21/15
CB-1.1	1/18/13	AS-1-81	1/18/13	832	1/17/14
CB-1.2	1/18/13	TST-1-99	1/17/14		
DM-1.1	1/18/13	MT-105.10	7/19/13		
DM-4.4	7/20/12	MT-110.10	7/19/13		
MGS-1.1	7/19/13	TC-41.20	10/18/13		
MGS-2.1	7/19/13	TC-41.40	10/18/13		
MGS-4.2	7/19/13	TC-52.10	10/18/13		
MGS-5.3	7/19/13	TC-52.20	7/18/14		
HW-2.1	1/18/13				
HW-2.2	1/18/13				
				SPECIAL PROVISIONS	
				WATERWAY PERMIT	1/23/15

FEDERAL PROJECT NO.
E017 (212)

PID NO.
24988

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT

NONE

CRA-C.R. 6-1.61
(BOUNDARY RD.) PART 1

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

PROJECT DESCRIPTION

SPOT PAVEMENT REPAIRS ON SR-257 IN DELAWARE COUNTY BETWEEN SLM 8.37 (US-42/SR-745) AND SLM 14.26 (SR-37).
6' WIDE CONTINUOUS SLOT PAVING ON OUTSIDE EDGE OF SR-257 BEGINNING AT SLM 14.26 (SR-37) IN DELAWARE COUNTY AND ENDING AT SR-47 IN MARION COUNTY (SLM 0.66).

EARTH DISTURBED AREA:

PROJECT EARTH DISTURBED AREA N/A*
EST. CONTRACTOR EARTH DISTURBED AREA N/A*
NOTICE OF INTENT EARTH DISTURBED AREA N/A*

* MAINTENANCE PROJECT

FEDERAL PROJECT NO.
NONE

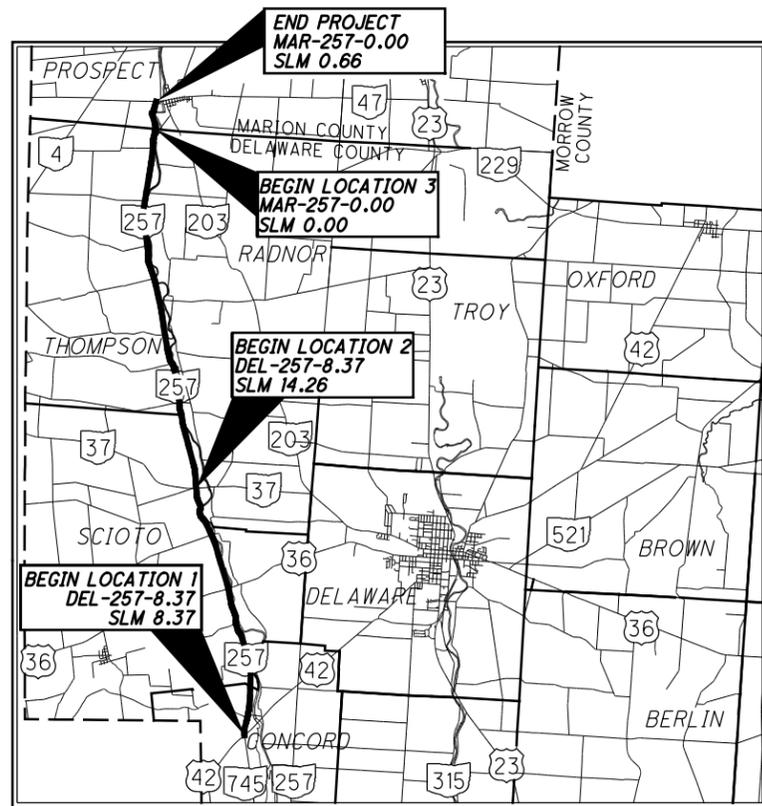
PID NO.
93708

CONSTRUCTION PROJECT NO.

DEL-257-8.37
MAR-257-0.00

DEL-257-8.37
MAR-257-0.00

VILLAGE OF PROSPECT
CONCORD AND SCIOTO TOWNSHIPS
THOMPSON AND PROSPECT TOWNSHIPS
DELAWARE AND MARION COUNTIES



LOCATION MAP

LATITUDE: 40° 20' 20" LONGITUDE: 83° 10' 47"



PORTION TO BE IMPROVED	-----	=====
INTERSTATE HIGHWAY	-----	=====
FEDERAL ROUTES	-----	=====
STATE ROUTES	-----	=====
COUNTY & TOWNSHIP ROADS	-----	=====
OTHER ROADS	-----	=====

INDEX OF SHEETS:

TITLE	1
TYPICAL DETAILS	2 - 3
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GENERAL SUMMARY	8
PLAN SUBSUMMARY	9
PAVEMENT MARKING SUBSUMMARY	10
RPM SUBSUMMARY	11

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.

DESIGN DESIGNATION	DEL-257-8.37	MAR-257-0.00
CURRENT ADT (2012)	1,762	813
DESIGN YEAR ADT (2024)	1,869	862
DESIGN HOURLY VOLUME (2024)	78	36
DIRECTIONAL DISTRIBUTION	50%	50%
TRUCKS (24 HOUR B&C)	4%	9%
DESIGN SPEED	60	60
LEGAL SPEED	55	35/55

DESIGN FUNCTIONAL CLASSIFICATION:
DEL-257-8.37: 05 MAJOR COLLECTOR (RURAL)
MAR-257-0.00: 06 MINOR COLLECTOR (RURAL)

DESIGN EXCEPTIONS
NONE REQUIRED

STANDARD CONSTRUCTION DRAWINGS		SUPPLEMENTAL SPECIFICATIONS	
BP-3.1	7/18/14	800-2015	1/21/15
		821	04/20/12
		832	1/17/14
MT-97.11	7/18/14		
MT-97.12	7/18/14		
MT-99.20	7/19/13		
MT-105.10	7/19/13		
TC-41.20	10/18/13		
TC-42.20	10/18/13		
TC-52.10	10/18/13		
TC-52.20	7/18/14		
TC-65.10	1/17/14		
TC-65.11	7/18/14		
TC-71.10	1/17/14		
TC-82.10	10/18/13		

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

Call Before You Dig
1-800-362-2764

(Non-members must be called directly)

OIL & GAS PRODUCERS
UNDERGROUND PROTECTION SERVICE
1-800-925-0988

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

ENGINEERS SEAL

SIGNED: *John J. Doe*
DATE: 01/21/11

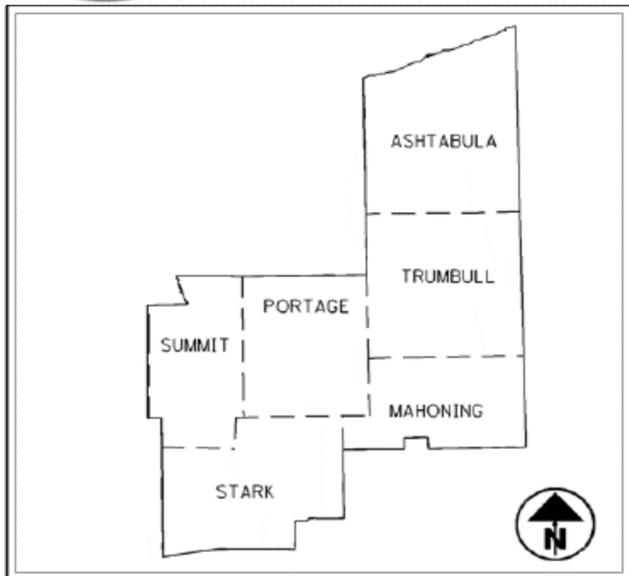
I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED _____
DATE _____ DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION



STATE OF OHIO, DEPARTMENT OF TRANSPORTATION



D04-PMF-FY14

FAST DRY PAVEMENT MARKINGS

CONSTRUCTION PROJECT NUMBER: 14-1234
PID NO: 12345
FEDERAL PROJECT NUMBER: 100% STATE

PROJECT DESCRIPTION:
PLACEMENT OF PAVEMENT MARKING USING FAST DRY AT EXISTING LOCATIONS.

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

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

LATITUDE: 40° 17' 52" LONGITUDE: 83° 02' 58"

Project Earth Disturbed Area: N/A (Maintenance Project)
Est. Contractor Earth Disturbed Area: N/A (Maintenance Project)
Notice of Intent Earth Disturbed Area: N/A (Maintenance Project)
Railroad Involvement: None
DESIGN DESIGNATION: See Sheet _____
DESIGN EXCEPTIONS: None

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.

UNDERGROUND UTILITIES	
CONTACT BOTH SERVICES TWO WORKING DAYS BEFORE YOU DIG.	
 OHIO Utilities Protection SERVICE (Non-members must be called directly)	Call Before You Dig 1-800-362-2764
OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE 1-800-925-0988	

APPROVED: Allen Biehl, P.E.
DISTRICT DEPUTY DIRECTOR

DATE: April 1, 2014

APPROVED: Jerry Wray
DIRECTOR, DEPARTMENT OF TRANSPORTATION

DATE: May 1, 2014

PLANS PREPARED BY:

JOHN J. DOE & ASSOCIATES
CONSULTING ENGINEERS
999 ENGLISH DRIVE
COMPUTERLAND, OHIO 00000

ENGINEERS SEAL:	STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS	
	 SIGNED: <u>John Doe</u> DATE: <u>11-11-14</u>	MT-95.30	07/18/14	MT-105.10	07/19/13	TC-41.20	10/18/13	800-2015
MT-95.31		07/18/14			TC-72.20	07/18/14	832	1/17/2014
MT-95.32		07/18/14						
MT-95.50		07/19/13						
MT-98.10		07/18/14					SPECIAL PROVISIONS	
MT-98.11		07/18/14						
MT-98.20		07/18/14						
MT-98.22		07/18/14						
MT-98.28		07/18/14						
MT-99.20		07/19/13						