8

END PROJECT STA. 34+70 VILLAGE OF WINTERSVILLE CROSS CREEK TWP BEGIN PROJECT STA. 11+70

## LOCATION MAP

LATITUDE: 40°22'20" LONGITUDE: 80°42'05"



PORTION TO BE IMPROVED	
INTERSTATE HIGHWAY	
FEDERAL ROUTES	
TEDEMAL MOOTES	
STATE ROUTES	
COUNTY & TOWNSHIP ROADS	
OTHER ROADS	

## DESIGN DESIGNATION

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CURRENT ADT (2016)	 	2940
DESIGN YEAR ADT (20 )	 	4494
DESIGN HOURLY VOLUME (20 )	 	449
DIRECTIONAL DISTRIBUTION	 	50%
TRUCKS (24 HOUR B&C)	 	3%
DESIGN SPEED	 	3R PROJECT
LEGAL SPEED	 	35 MPH
DESIGN FUNCTIONAL CLASSIFICATION:		
06 MINOR COLLECTOR (URBAN)		
NHS PROJECT	 	NO

#### DESIGN EXCEPTIONS

DESIGN FEATURE	APPROVAL DATES	SHEET NUMBER
HORIZONTAL: Superelevation	6-27-19	2
VERTICAL: Stopping Sight Distance	6-27-19	10, 12

ADA DESIGN WAIVER NONE REQUIRED



ENGINEERS SEAL:

PLAN PREPARED BY: JOHN J. DOE CONSULTING, 9999 ENGLISH DRIVE COMPUTERLAND, OHIO OOG

# JEF-FERNWOOD RD.

STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

## VILLAGE OF WINTERSVILLE CROSS CREEK TOWNSHIP JEFFERSON COUNTY

## INDEX OF SHEETS:

TITLE SHEET	1
SCHEMATIC PLAN	2
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PLAN AND PROFILE	10
CROSS SECTIONS	11-17
SIDE APPROACHES	18-25
SUPERELEVATION TABLE	26-30
DRIVE DETAILS	31
DRAINAGE DETAILS	<i>32-37</i>
TRAFFIC CONTROL	38-39
RIGHT OF WAY	40-50
SOIL PROFILES	

STANDARD CONSTRUCTION DRAWINGS

## PROJECT DESCRIPTION

UPGRADING 0.44 MILE OF FERNWOOD ROAD BY WIDEN-ING AND RESURFACING, INCLUDING NEW STORM SEWER SYSTEM, CURB AND GUTTER, SIDEWALK, TRAFFIC CON-TROL SIGNS AND PAVEMENT MARKINGS.

## EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 3.1 ACRES ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.5 ACRES NOTICE OF INTENT EARTH DISTURBED AREA: 3.6 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.

## 2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES 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 AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES

APPROVED _			
DATE	MAYOR,	VILLAGE OF	WINTERSVILLE

APPROVED \_\_\_ DATE\_\_\_ \_ DISTRICT DEPUTY DIRECTOR

APPROVED\_ DATE\_ DIRECTOR, DEPARTMENT OF TRANSPORTATION

								SI LUII ILATIONS	THOVISIONS
	BP-1.1	7/28/00	MGS-1.1	1/19/18	MT-105.10	7/19/13		800-2020 4/17/20	REINFORCED
À	BP-2.1	7/17/15	MGS-2.1	1/19/18				832 10/19/18	EARTH
	BP-2.2	7/18/08	MGS-4.2	7/19/13	TC-41.20	10/18/13			5/27/17
Į.	BP-3.1	1/17/20	MGS-5.3	7/15/16	TC-41.40	10/18/13			WATERWAY
	BP-4.1	7/19/13			TC-42.20	10/18/13			PERMIT
7	BP-5.1	1/18/19	HW-2.1	1/15/16	TC-52.10	10/18/13			1/23/18
	BP-7.1	7/20/18	HW-2.2	1/15/16	TC-52.20	7/20/18			
<u>Doe</u>					TC-71.10	1/19/18			
<u> </u>	CB-2.1	7/20/18	LA-1.1	10/15/10					
	CB-2.2	7/20/18	LA-1.2	1/16/09					
	CB-2.3	1/15/16							
			MH-1.1	1/15/16					
INC.	DM-1.1	7/21/17	MH-1.2	1/15/16					
	DM-4.4	1/15/16	MH-1.3	1/18/13					
000									

SUPPLEMENTAL

ENGINEERS SEAL:

FOR STRUCTURES

OVER 20' SPAN

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CONSTRUCTION PROJECT

## 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 RECON-

## 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

## 2016 SPECIFICATIONS

OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL

THE STANDARD SPECIFICATIONS OF THE STATE OF GOVERN THIS IMPROVEMENT.

INDEX OF SHEETS:

TITLE SHEET	1
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TYPICAL SECTIONS	3-4
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MAINTENANCE OF TRAFFIC	6
GENERAL SUMMARY	8
PROJECT SITE PLAN	9
PLAN AND PROFILE	10-17
CROSS SECTIONS	17-23
CHANNEL CROSS SECTIONS	23-25
STRUCTURES OVER 20 FOOT SPAN	25-30
RIGHT OF WAY	31-36
SOIL PROFILES	

LOCATION MAP

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

BEGIN PROJECT STA. 1147+25.00



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

#### DESIGN DESIGNATION

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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 55MPH	
LEGAL SPEED 55MPH	
DESIGN FUNCTIONAL CLASSIFICATION:	
05 MAJOR COLLECTOR (RURAL)	
NHS PROJECT NO	

DESIGN EXCEPTIONS: NONE REQUIRED

ADA DESIGN WAIVERS: NONE REQUIRED

## UNDERGROUND UTILITIES Contact Two Working Days Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764 (Non-members must be called directly)

Before You Dig

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

SUPPLEMENTAL SPECIAL STANDARD CONSTRUCTION DRAWINGS SPECIFICATIONS **PROVISIONS** 7/18/14 WQ-1.1 WATERWAY 1/18/13 800-2016 10/19/18 John J. Doe 11-11-18 PERMIT RP-4 1 7/19/13 WQ-1.2 1/15/16 DATE:\_ 1/23/16 7/21/18 AS-1-81 1/18/13 ENGINEERS SEAL: 7/20/18 EXJ-4-87 1/19/18 FOR ENTIRE PLAN EXCEPT STRUCTURES OVER 20' SPAN PSBD-2-07 7/20/18 1/19/18 TST-1-99 7/20/18 1/19/18 7/19/13 MGS-4.2 7/15/16 10/15/10 LA-1.2 1/16/09 Jane C. Smith 11-11-18

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

APPROVED \_\_ DATE\_\_ \_ DISTRICT DEPUTY DIRECTOR

APPROVED\_ DATE\_ DIRECTOR, DEPARTMENT OF TRANSPORTATION

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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: 2.2 ACRES

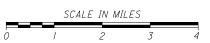
## 2019 SPECIFICATIONS

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

BEGIN PROJECT STA.423+45.60

I OCATION MAP

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



PORTION TO BE IMPROVED INTERSTATE HIGHWAY\_ \_ \_ \_ \_ \_ FEDERAL ROUTES \_ \_ \_ \_ \_ \_ STATE ROUTES \_ \_ \_ \_ \_ \_ \_ \_ COUNTY & TOWNSHIP ROADS\_ \_ \_ \_ \_ \_ \_ OTHER ROADS\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

## DESIGN DESIGNATION

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CURRENT ADT (2018) 1270
DESIGN YEAR ADT (2038) 2240
DESIGN HOURLY VOLUME (2038) 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

ADA DESIGN WAIVERS NONE REQUIRED

## UNDERGROUND UTILITIES Contact Two Working Days Before You Dig



OHIO811, 8-1-1, or 1-800-362-2764 (Non-members must be called directly)

PLAN PREPARED BY: JOHN DOE ENGINEERING. INC. 9999 ENGLISH DRIVE COMPUTERLAND, OHIO 00000

## STATE OF OHIO DEPARTMENT OF TRANSPORTATION

TUS-93-8.02

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

## **WAYNE TOWNSHIP** TUSCARAWAS COUNTY

## INDEX OF SHEETS:

TITLE SHEET SCHEMATIC PLAN TYPICAL SECTIONS GENERAL NOTES MAINTENANCE OF TRAFFIC GENERAL SUMMARY PROJECT SITE PLAN PLAN AND PROFILE 10-11 CROSS SECTIONS 12-13 TRAFFIC CONTROL STRUCTURES OVER 20 FOOT SPAN 15-21 RIGHT OF WAY 22-28 SOIL PROFILES

	_
ENGINEERS SEAL:	
FOR STRUCTURES	1
OVER 20 FOOT SPAN	
THE TO HAVE	
JOHN J. JOHN J.	
SONAL THE	_
SIGNED: John J. Doe DATE: 6/11/20	ľ
ENGINEERS SEAL:	L

55/0NA 1 ENGLES	STANDARD CONSTRUCTION DRAWINGS						SPECIFICATIONS	
	BP-3.1	7/18/14	CPA-1-08	7/18/08				800-2020 4/17/20
<sub>GNED:</sub> John J. Doe	BP-4.1	7/19/13	CS-1-08	7/18/08				832 10/19/18
TE:6/11/20	BP-5.1	1/18/19						
NGINEERS SEAL:								
	DM-1.1	1/18/13	MT-96.11	7/18/14				
FOR ENTIRE PLAN XCEPT STRUCTURES	DM-4.4	7/20/12	MT-96.20	7/15/16				SPECIAL
VER 20 FOOT SPAN			MT-96.26	7/19/13				PROVISIONS
THE								WATERWAY PERMIT
10 10 114	MGS-1.1	1/19/18						1/23/18
JANE C.	MGS-2.1	1/19/18						
JANE C. SMITH X-000000	MGS-3.1	1/19/18						
1000000	MGS-4.2	7/19/13						
15 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MGS-5.3	7/15/16						
ONAL								
NED: <u>Jane C. Smith</u>	RM-4.2	4/18/14						
TE: 06/11/20								

STANDARD CONSTRUCTION DRAWINGS

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.

SUPPLEMENTAL

APPROVED	
DATE	_ DISTRICT DEPUTY DIRECTOR

APPROVED			
DATE	DIRECTOR,	DEPARTMENT	OF
	TRANSPORT	TATION	

28

PROJECT DESCRIPTION

APPROACH RECONSTRUCTION.

2019 SPECIFICATIONS

THIS IMPROVEMENT.

EARTH DISTURBED AREAS PROJECT EARTH DISTURBED AREA:

NOTICE OF INTENT EARTH DISTURBED AREA:

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS

AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE

CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DE-TOURS WILL BE PROVIDED AS INDICATED ON SHEET 7.

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

ESTIMATED CONTRACTOR EARTH DISTRUBED AREA: 0.8 ACRES

\_\_\_\_\_ CRAWFORD COUNTY COMMISSIONER

DATE \_\_\_\_\_ CRAWFORD COUNTY COMMISSIONER

CRAWFORD COUNTY COMMISSIONER

\_\_\_\_\_ ENGINEER, CRAWFORD COUNTY

DATE \_\_\_\_\_ DISTRICT DEPUTY DIRECTOR

DIRECTOR, DEPARTMENT OF TRANSPORTATION

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

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

FOR PART 2, SEE CAR-C.R. 31 (SCOTT RD.)

### INDEX OF SHEETS:

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MAINTENANCE OF TRAFFIC	6
DETOUR PLAN	7
MAINTENANCE OF TRAFFIC	8-9
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PLAN AND PROFILE	12-13
CROSS SECTIONS	14-17
PREFABRICATED STRUCTURES	18-21
RIGHT OF WAY	22-27
SOIL PROFILES	

# CRANBERRY TOWNSHIP

CRAWFORD COUNTY

## LOCATION MAP

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



HURON COUNTY

STA. 87+50.00 CRAWFORD-HURON COUN

BEGIN PROJECT

STA. 85+00.00

END PROJECT

PORTION TO BE IMPROVED \_ \_ \_ \_ \_ INTERSTATE & DIVIDED HIGHWAY \_ \_ \_ \_ \_ \_ \_ \_ \_ UNDIVIDED STATE & FEDERAL ROUTES . \_ \_ \_ \_ \_ \_ OTHER ROADS \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

#### DESIGN DESIGNATION

SENECA COUNTY

CRAWFORD-SENECA LINE RD

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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	<i>55 MPH</i>
LEGAL SPEED	<i>55 MPH</i>
DESIGN FUNCTIONAL CLASSIFICATION:	05 MAJOR COLLECTOR (RURAL)
NHS PROJECT	<i>NO</i>

DESIGN EXCEPTIONS NONE REQUIRED

ADA DESIGN WAIVERS NONE REQUIRED

## UNDERGROUND UTILITIES Contact Two Working Days Before You Dig **OHIO811.**org OHIO811, 8-1-1, or 1-800-362-2764 (Non-members must be called directly)

PLAN PREPARED BY:

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



JOHN J.  DOE  X-000000					PARTS 1.	AND 2	
SIONAL LINE			ST.	ANDARD	CONSTRUCTION	DRAWINGS	SUPPLEMENTAL
0108							SPECIFICATIONS
SIGNED: John J. Doe	BP-3.1 7/	/18/14	RM-1.1	7/18/14			800-2020 4/17/20
DATE:11/11/14							832 10/19/18
	CB-1.1 1/	/18/13	AS-1-81	1/18/13			
ENGINEERS SEAL:	CB-1.2 1/	/18/13	TST-1-99	1/17/14			
FOR ENTIRE PLAN EXCEPT							
STRUCTURES 20' & OVER			MT-105.10				
	DM-4.4 7/2	20/12	MT-110.10	7/19/13			
110104							
JANE C.			TC-41.20				
目・( smith )・ 首				10/18/13			SPECIAL
X-000000			TC-52.10				
15 C 15 1 E 2 W 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MGS-5.3 7/	/19/13	TC-52.20	7/18/14			PROVISIONS
JONAL CHE							WATERWAY PERMIT
SIGNED. OOME C. Smith.		/18/13					1/23/18
SIGNED: Yane C. Smith	HW-2.2 1/	/18/13					

ENGINEERS SEAL:

CRANBERRY TOWNSHIP

CRAWFORD COUNTY

FOR PART 1, SEE CRA-C.R.6-1.61 (BOUNDARY ROAD)

DATE: JULY 2020

## PROJECT DESCRIPTION

IMPROVEMENT OF 0.38 MILE OF C.R. 31 (SCOTT RD.) BY RECONSTRUCTION OF EXISTING VERTICAL ALIGN-MENT TO ELIMINATE HAZARDOUS VERTICAL CURVES INCLUDING UPGRADING OF GUARDRAIL, DRAINAGE SIGNING AND PAVEMENT MARKINGS.

### EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 3.5 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.9 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: 4.4 ACRES

2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES 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 DE-TOURS WILL BE PROVIDED AS INDICATED ON SHEET 6.

<i>APPROVED</i>	
DATE	CRAWFORD COUNTY COMMISSIONER

APPROVED \_\_\_\_\_\_ ENGINEER, CRAWFORD COUNTY

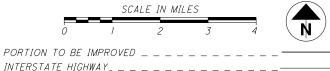
APPROVED \_\_\_\_\_\_ DISTRICT DEPUTY DIRECTOR

DISTRICT DEPOTT DIRECTOR

DATE \_\_\_\_\_\_ DIRECTOR, DEPARTMENT OF TRANSPORTATION

LOCATION MAP

LATITUDE: 40°58′50″ LONGITUDE: 82°50′40″



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DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS
NONE REQUIRED

Contact Two Working Days
Before You Dig

OHIO811.org
Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764 (Non-members must be called directly)

PLAN PREPARED BY:

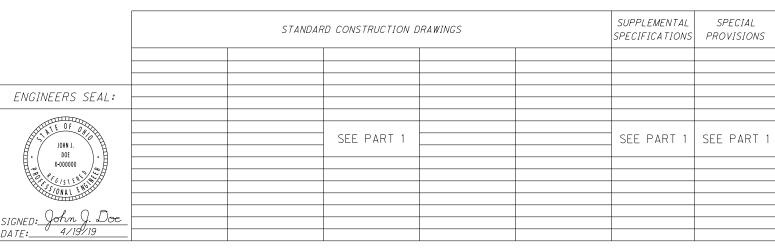
JOHN DOE CONSULTING ENGINEERS, INC.

9999 ENGLISH DRIVE

COMPUTERLAND, OHIO 00000

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GENERAL SUMMARY	9
CALCULATIONS & SUBSUMMARIES	10
PROJECT SITE PLAN	11
PLAN & PROFILE	12-17
CROSS SECTIONS	18-25
TRAFFIC CONTROL	26
RIGHT OF WAY	27-35
SOU PROFUES	



AREAS

ED AREA:

STATE OF BUARDAGE

AREAS

ENTH DISTURBED AREA:

O.9 ACRES

SP 1302-6(b)

CONSTRUCTION PROJECT

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NONE NO NE

SPOT PAVEMENT REPAIRS ON S.R. 257 IN DELAWARE COUNTY BETWEEN SLM 8.37 (U.S. 42/S.R. 745) AND SLM 14.28 (S.R. 37).

PROJECT DESCRIPTION

8' WIDE, CONTINUOUS, SLOT PAVING ON OUTSIDE EDGE OF S.R. 257, BEGINNING AT SLM 14.26 (S.R. 37) IN DELAWARE COUNTY AND ENDING AT S.R. 47 IN MARION COUNTY (SLM. 66).

## EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 4.0 ACRES ESTIMATED CONTRACTOR EARTH DISTURBED AREA: O.1 ACRES

NOTICE OF INTENT EARTH DISTURBED AREA: N/A (NOI NOT

\* ROUTINE MAINTENANCE PROJECT

### 2019 SPECIFICATIONS

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

FOR LOCATION MAP SEE SHEET 6

## I OCATION MAP

LATITUDE: 40°20′20″ LONGITUDE: 83°10′47″



PORTION TO BE IMPROVED INTERSTATE HIGHWAY\_ \_ \_ \_ \_ \_ \_ STATE ROUTES \_ \_ \_ \_ \_ \_ \_ \_ COUNTY & TOWNSHIP ROADS\_ \_ \_ \_ \_ \_ \_

DESIGN DESIGNATION	DEL -257-8	3.37	MAR-	257-0.	C
CURRENT ADT (2019)	1,762			813	
DESIGN YEAR ADT (2039)	1,869			862	
DESIGN HOURLY VOLUME (2039)	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					
NHS PROJECT	NO				
DESIGN EXCEPTIONS					

ADA DESIGN WAIVERS NONE REQUIRED

NONE REQUIRED

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UNDERGROUND UTILITIES Contact Two Working Days Before You Dig **OHIO811**.org

Before You Dia OHIO811, 8-1-1, or 1-800-362-2764 (Non-members must be called directly)

PLAN PREPARED BY: JOHN DOE CONSULTING ENGINEERS, 9999 ENGLISH DRIVE COMPUTERLAND, OHIO 00000

ENGINEERS SEAL

		STANDAR	D CONSTRUCTION D	RAWINGS	SPECIFICATIONS	PROVISIONS
	BP-3.1 7/18/14				800-2019 4/19/19	
					821 4/20/12	
	MT-97.11 1/20/17				832 10/19/18	
<i>!</i> :	MT-97.12 1/20/17					
- *	MT-99.20 4/19/19					
	MT-105.10 7/19/13					
	TC-41.20 10/18/13					
1	TC-42.20 10/18/13					
	TC-52.10 10/18/13					
7	TC-52.20 7/20/18					
	TC-65.10 1/17/14					
	TC-65.11 7/21/17					
9e	TC-71.10 1/19/18					
<u> </u>	TC-82.10 1/18/19					

STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

DEL-257-8.37

MAR-257-0.00

VILLAGE OF PROSPECT

CONCORD AND SCIOTO TOWNSHIPS

THOMPSON AND PROSPECT TOWNSHIPS

DELAWARE AND MARION COUNTIES

INDEX OF SHEETS:

MAINTENANCE OF TRAFFIC NOTES

PAVEMENT MARKING SUBSUMMARY

2-3

4-5

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SUPPLEMENTAL

TITLE

TYPICAL SECTIONS

GENERAL SUMMARY PLAN SUBSUMMARY

RPM SUBSUMMARY

GENERAL NOTES

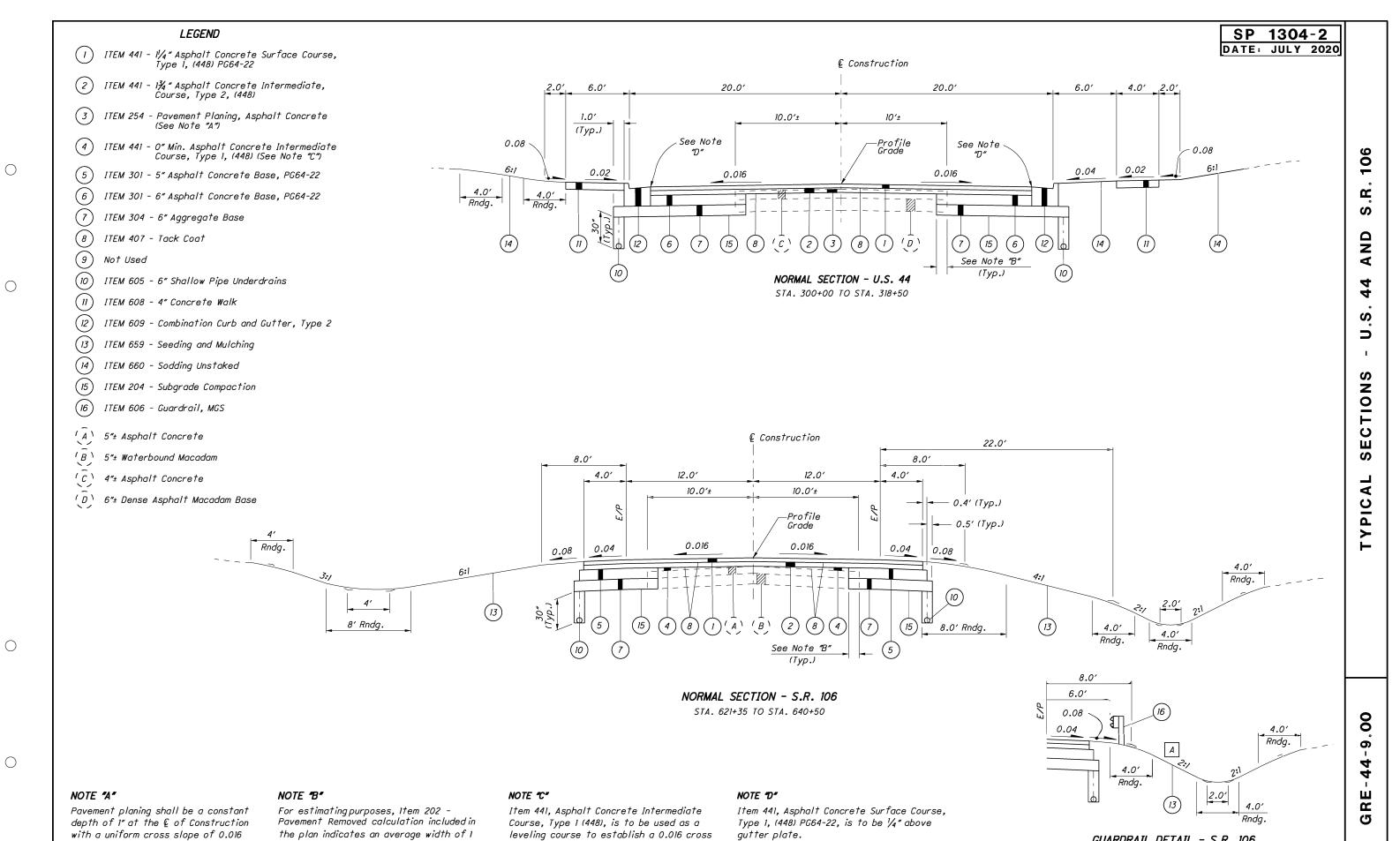
I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND

APPROVED \_\_ \_ DISTRICT DEPUTY DIRECTOR

APPROVED\_ DATE\_ DIRECTOR, DEPARTMENT OF TRANSPORTATION

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slope. Estimated quantities have been

sections shown on sheets 51-58.

calculated based on exaggerated cross-

established. Maximum depth of plan-

ing at the outside edges of existing

pavement has been calculated to be

ft. of existing pavement being replaced.

GUARDRAIL DETAIL - S.R. 106

A Unless otherwise shown on the cross sections

Sta. 635+50 to Sta. 637+75 Rt.

SECTION APPLIES:

	SHEET	NUMBI	ER				PARTICIPATION	ITEM	ITEM	GRAND	UNIT	SP 1307-3(c) SE DESCRIPTION DATE: JULY 2020 SHE
16	18		23	55	192	262		IIEM	EXT.	TOTAL	UNII	DESCRIPTION DATE: JULY 2020 SHE
												RETAINING WALLS (WALL 1) OPTION A: REINFORCED EARTH WALL
					1710			203	20000	1710	CY	EMBANKMENT CONTINUE TO THE PROPERTY OF THE PRO
					3474			203	35000	3474	CY	GRANULAR EMBANKMENT
					LS			503	11100	LS		COFFERDAMS AND EXCAVATION BRACING
					1124			503	21101	1124	CY	UNCLASSIFIED EXCAVATION, AS PER PLAN
					4766			610	50010	4766	SF	RETAINING WALL, MISC.: REINFORCED EARTH WALL SYSTEM 190
												RETAINING WALLS (WALL 1) OPTION B: RETAINED EARTH WALL
					1636			203	20000	1636	CY	EMBANKMENT
					3584			203	35000	3584	CY	GRANULAR EMBANKMENT
					LS			503	11100	LS		COFFERDAMS AND EXCAVATION BRACING
					1150			503	21101	1150	CY	UNCLASSIFIED EXCAVATION, AS PER PLAN
					4738			610	50010	4738	SF	RETAINING WALL, MISC.: RETAINED EARTH WALL SYSTEM  190
												BUILDING DEMOLITION
						LS		202	56000	LS		BUILDING DEMOLISHED: PARCEL NO. 11-WD-1, 1 STORY BRICK BUILDING
						LS		202	56000	LS		BUILDING DEMOLISHED: PARCEL NO. 13-T, 1 STORY BLOCK BUILDING
						LS		202	56000	LS		BUILDING DEMOLISHED: PARCEL NO. 13-WL, 2 STORY BRICK BUILDING
						LS		202	56000	LS		BUILDING DEMOLISHED: PARCEL NO. 19-T, 1 STORY METAL BUILDING
												STRUCTURES OVER 20 FOOT SPAN
												STRUCTURE TRU-99-1924 GENERAL SUMMARY 223
												STRUCTURE TRU-99-2056 GENERAL SUMMARY 230
					878			SPECIAL	51272000	878	SY	EPOXY WATERPROOFING OVERLAY (1/4" THICK) 190
												MAINTENANCE OF TRAFFIC
10								614	11110	10	HOUR	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	1320				614	13310	1201	EACH	BARRIER REFLECTOR, TYPE I (BIDIRECTIONAL)
14.00			1201					614	20300	14.00	MILE	WORK ZONE LANE LINE, CLASS I, 4", 740.06, TYPE II
14.00			0.11					614	21300	0.11	MILE	WORK ZONE LANE LINE, CLASS 1, 4, 740.06, TYPE 11  WORK ZONE CENTER LINE, CLASS 1, 740.06, TYPE 11
			0.11					014	21300	0.11	MILE	WORK ZONE CENTER LINE, CLASS 1, 740.00, TTPE 11
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, 4"
			7.34					614	22300	7.34	MILE	WORK ZONE EDGE LINE, CLASS I, 4", 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
			LS					615	10000	LS		ROADS FOR MAINTAINING TRAFFIC
			944					615	20001	944	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN 17
30								616	10000	30	M GAL	WATER
10								616	20000	10	TON	CALCIUM CHLORIDE
			30280					622	41101	30280	FT	PORTABLE BARRIER, UNANCHORED, AS PER PLAN 58
												INCIDENTALS
								614	11000	LS		MAINTAINING TRAFFIC
								619	16020	8	MNTH	FIELD OFFICE, TYPE C
	i i			1								
								623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING
								623 624	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING   MOBILIZATION

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ι	SEE SHEET NO.	DESCRIPTION SP 1307-5 DATE: JULY 2020	UNIT	GRAND TOTAL	ITEM EXT.	ITEM	CIPATION	PARTIC			UMBER	SHEET N		
4	NO.	TRAFFIC CONTROL				<b></b>	02/S<2/PV/ATB	01/NHS/PV				96	7	
-		TRAITIC CONTROL					+	+	+	<del></del>				
		RPM	EACH	161	00100	621		161					1	1
_					22.422								_	
-		GROUND MOUNTED SUPPORT, NO. 2 POST GROUND MOUNTED SUPPORT, NO. 3 POST	FT FT	146.5 229.8	02100 03100	630 630	146.5 229.8	<del> </del>	+	<del></del>				22
-		SIGN SUPPORT ASSEMBLY, POLE MOUNTED	EACH	4	79500	630	4	+	+-				.0	
1		SIGN, FLAT SHEET	SF	96.0	80100	630	96.0	+					0	9
1		REMOVAL OF GROUND MOUNTED SIGN AND STORAGE	EACH	11	85000	630	11							
_					21222		<u> </u>		+					
-		REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL EDGE LINE, 4"	EACH MILE	14 3.29	86002 00100	630 644	0.80	2.49	+				9	
-		LANE LINE, 4"	MILE	1.36	00100	644	0.80	1.06	+				6	
1 ≿		CENTER LINE	MILE	1.25	00300	644	0.27	0.98					5	
SUMMARY		CHANNELIZING LINE, 8"	FT	1368	00400	644	938	430					8	1
Ξ						ļ								
_ Σ		STOP LINE		146	00500	644	146						6	
<b>ქ</b> ஜ		CROSSWALK LINE TRANSVERSE/DIAGONAL LINE	FT FT	313 450	00600 00700	644 644	313 270	180	+				0	
ქ º:		ISLAND MARKING	SF	24	00900	644	24	100	+-	<del></del>			1	
1 ₹		LANE ARROW	EACH	9	01300	644	7	2						
ַ אַ														
GENERA		WORD ON PAVEMENT, 96"	EACH	8	01410	644	6	2						
<b>-</b>		TRAFFIC CICNAL C				<del> </del>	<del>                                     </del>							
⊣		TRAFFIC SIGNALS					+	+	+					
-		CONDUIT, 2", 725.04	FT	122	25400	625	+	122	+	<del></del>		122		
-		CONDUIT, 3", 725.04	FT	180	25500	625		180				180		
		TRENCH	FT	182	29000	625		182				182		
]		TRENCH IN PAVED AREA, TYPE B	FT	120	29600	625		120				120		
4		PULL BOX, 725.08, 24"	EACH	2	30706	625		2				2		
-		GROUND ROD	EACH	7	32000	625	+	7	+			7		
-		VEHICULAR SIGNAL HEAD, (LED), 3 SECTION, 12" LENS, 1-WAY, ALUMINUM (BLACK)	EACH	4	04910	632	+	4	+	<del></del>		4		
1		VEHICULAR SIGNAL HEAD, (LED), 3 SECTION, 12" LENS, 2-WAY, ALUMINUM (BLACK)		1	04916	632	<del>                                     </del>	1				1		
1		VEHICULAR SIGNAL HEAD, (LED), 5 SECTION, 12" LENS, 1-WAY, ALUMINUM (BLACK)	EACH	2	05080	632		2				2		
_		COVERING OF VEHICULAR SIGNAL HEAD	EACH	8	25000	632		8				8		
4		LOOD DETECTOR LIMIT	EACH	2	27004	(22								
4		LOOP DETECTOR UNIT LOOP DETECTOR UNIT, DELAY AND EXTENSION TYPE	EACH EACH	3	27004 27008	632 632	<del>                                     </del>	3	+			3		
-		MESSENGER WIRE, 7-STRAND, 3/8" DIAMETER WITH ACCESSORIES	FT	139	30200	632	+	139	+-			139		
		SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG	FT	823	40300	632		823				823		
DESIGN AG														
<u></u>	2-	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	FT	1168	40500	632	<b></b>	1168	+			1168		
<b>-</b>	95	INTERCONNECT CABLE, MISC.: INTEGRAL MESSENGER WIRE TYPE, 7 CONDUCTOR, NO. 12 AWG	FT	100	62810	632	+	100				100		
OHIO DEPARTMENT OF		LOOP DETECTOR LEAD-IN CABLE	FT	1601	65200	632	+	1601	+			1601		
4 PA		POWER CABLE, 2 CONDUCTOR, NO. 8 AWG	FT	25	67200	632	<del>                                     </del>	25	+			25		
1 6				-										
	95	POWER SERVICE, AS PER PLAN		1	70001	632		1				1		
DESIGNER		COMBINATION STRAIN POLE, TYPE TC-81.10, DESIGN 10	EACH	2	85000	632	<b>↓</b>	2				2		
JKF REVIEWER		PEDESTAL, 8', TRANSFORMER BASE	EACH	5	89900	632	<del>                                     </del>	5	+			5		
FGM 7		REMOVAL OF TRAFFIC SIGNAL INSTALLATION	EACH	1	90100	632	+	1	+	$\overline{}$		1		
PROJECT I		REMOVINE OF TRAITIC SIGNAL INSTALLATION	LACII		70100	<u> </u>	+	<del>                                     </del>	+	<del></del>		+ ' +		
1234	95	CABINET, TYPE 332, AS PER PLAN	EACH	1	65521	633	<del>                                     </del>	1				1		
	1	CABINET FOUNDATION	EACH	1	67100	633		1				1		
SHEET TO		CONTROLLER WORK PAD	EACH		67200	633								