

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
MED-301-(0.00)(2.61)

**HOMER TOWNSHIP
SPENCER TOWNSHIP**

INDEX OF SHEETS:

TITLE SHEET	1
STRAIGHT LINE DIAGRAM	2
DESIGN DESIGNATION	2
GENERAL NOTES	3-4
MAINTENANCE OF TRAFFIC NOTES	5
MAILBOX FACILITIES	6
GENERAL SUMMARY	7
PAVEMENT AND SHOULDER DATA	8
TYPICAL SECTIONS	9
GUARDRAIL NOTES	10
ROADWAY SUB-SUMMARY	11
GUARDRAIL DETAILS	12-15
GUARDRAIL INSERT SHEETS	16-24
PAVEMENT MARKINGS/RPM SUB-SUMMARY	25
BRIDGE TREATMENT	26
STRUCTURE NOTES	27
STRUCTURE MED-301-0338	28-29

PROJECT DESCRIPTION

THIS PROJECT WILL INCLUDE RESURFACING,
PAVEMENT REPAIRS, MINOR GUARDRAIL WORK,
STRUCTURE MAINTENANCE, AND PAVEMENT MARKINGS.

EARTH DISTURBED AREAS

EARTH DISTURBED AREA: N/A ACRES
(MAINTENANCE PROJECT)
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: N/A ACRES
(MAINTENANCE PROJECT)
NOTICE OF INTENT EARTH DISTURBED AREA: N/A ACRES
(MAINTENANCE PROJECT)

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.

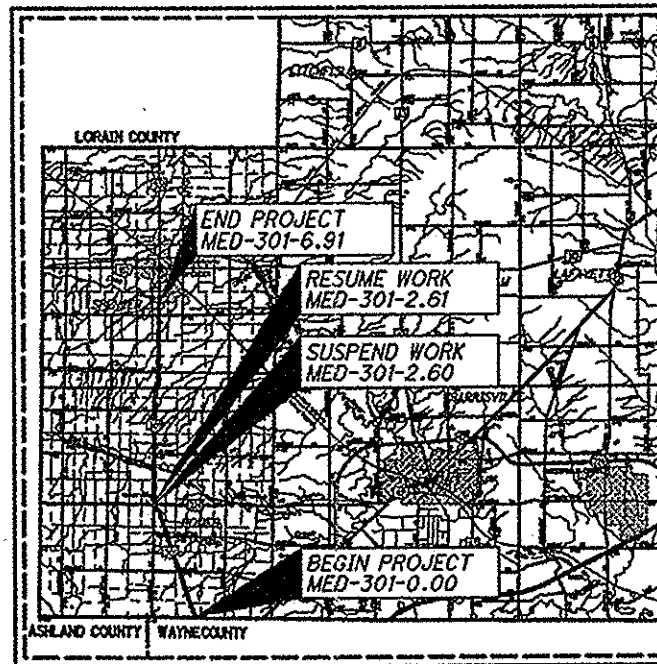
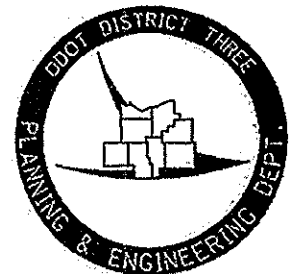
I HEREBY APPROVE THESE PLANS AND DECLARE THAT
THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE
THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT
PROVISIONS FOR THE MAINTENANCE AND SAFETY OF
TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND
ESTIMATES.

APPROVED: Al C. Boud
DATE: 8-15-14 DISTRICT DEPUTY DIRECTOR

APPROVED: Tommy J. Hagan
DATE: 8-26-14 DIRECTOR, DEPARTMENT OF
TRANSPORTATION

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

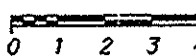
PLANS PREPARED BY:



LOCATION MAP

LATITUDE: N 41° 1' 38" LONGITUDE: W 82° 7' 35"

SCALE IN MILES

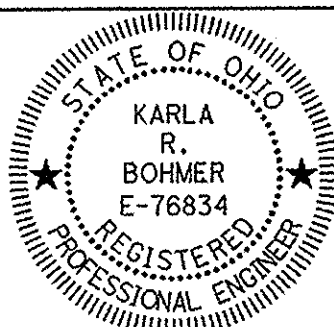


PORTION TO BE IMPROVED: _____
INTERSTATE & DIVIDED HIGHWAY: _____
UNDIVIDED STATE & FEDERAL ROUTES: _____
OTHER ROADS: _____

DESIGN EXCEPTIONS:

NONE

ENGINEER'S SEAL:



SIGNED: Karla R. Bohmer
DATE: 8/14/14

STANDARD CONSTRUCTION DRAWINGS

STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS
BP-3.1	7/18/14	TC-41.20	10/18/13			S800 7/18/14
BP-4.1	7/19/13	TC-52.10	10/18/13			S830 1/17/14
		TC-52.20	7/18/14			S832 1/17/14
DM-4.3	7/19/13	TC-61.30	7/18/14			
DM-4.4	7/20/12	TC-65.10	1/17/14			
		TC-65.11	7/18/14			
		TC-71.10	1/17/14			
RM-1.1	7/18/14					
MT-97.10	7/18/14					
MT-97.12	7/18/14					
MT-99.20	7/19/13					
MT-101.30	7/18/14					
MT-105.10	7/19/13					

SPECIAL PROVISIONS

FEDERAL PROJECT NO.
E130380

PID NO.
93116

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT

MED-301-(0.00)(2.61)

1
29

MED - SR 301-00.00
140548 PID - 93116
Dist 3 11/13/2014

Contract Proposal Available @ www.
contracts.dot.state.oh.us/home

7-16WEN7ED3E

DATE: 8/14/2014

WORKSTATION: ksdlay

BRIDGE DECK DATA									ROADWAY DATA		
	COUNTY, ROUTE, BRIDGE NO.	LOCATION	STRUCTURE TYPE	LENGTH (BRIDGE DECK)	WIDTH	BRIDGE DECK AREA	SKEW	EXISTING WEARING SURFACE	EXISTING PAVEMENT WIDTH	EXISTING APPROACH SLAB WIDTH	EXISTING APPROACH SLAB LENGTH
				FT.	FT.	SQ. YD.			FT.	FT.	FT.
	***MED-301-0110	OVER SMALL CREEK	CONCRETE BOX CULVERT				0°	ASPHALT	25		
	*MED-301-0338	OVER CSX RR AND BLACK RIVER	4-SPAN STEEL BEAM	238.68'±	28'±	743	16° L.F.	CONCRETE	25	20	25
	**MED-301-0624	OVER SMALL CREEK	SIMPLE SPAN	19'±	32.5'±	154	0°	CONCRETE	25	20	25
	***MED-301-0677	OVER COON CREEK	CONCRETE BOX CULVERT				0°	ASPHALT	25		

*TAPER PLANING FROM 0" TO 2¼" DEEP IN 115' UP TO THE APPROACH SLABS TO THE STRUCTURE.
PLANE AND PAVE OVER THE APPROACH SLABS WITH SINGLE LIFT OF ITEM 442, SURFACE COURSE.
BUTT JOINT AT BACKWALL. OMIT RESURFACING OVER BRIDGE DECK.
(SEE STRUCTURE SHEET FOR MORE DETAIL.)
(SEE ROADWAY PLANS FOR PLANING AND PAVING QUANTITIES.)

** TAPER PLANING FROM 0" TO 2¼" DEEP IN 250' TO THE APPROACH OF THE STRUCTURE.
BUTT JOINT AT BRIDGE DECK, OMIT RESURFACING AT BRIDGE DECK.
(SEE ROADWAY PLANS FOR PLANING AND PAVING QUANTITIES.)

*** PAVE OVER STRUCTURE (SEE ROADWAY PLANS FOR PLANING AND PAVING QUANTITIES.)

DESIGN FILE: \\projects\93116\structures\93116 STR NOTES.dgn
WORKSTATION: mpeters DATE: 8/18/2014 MODELNAME: Design

STRUCTURES

EXISTING STRUCTURE VERIFICATION

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURES HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURES AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURES AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05, 105.02 AND 513.04.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURES. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS WHICH HAVE BEEN VERIFIED IN THE FIELD.

ITEM 516 - JOINT SEALER

SAW CUTTING TO BE PERFORMED BETWEEN BACKWALL AND APPROACH SLAB PRIOR TO PLACEMENT OF ITEM 516 - JOINT SEALER, TO BE INCLUDED IN WITH THE PRICE OF ITEM 516 - JOINT SEALER.

DESIGN SPECIFICATIONS:

THIS STRUCTURE CONFORMS TO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2002, INCLUDING THE 2003, 2004, 2005 AND 2006 SPECIFICATIONS AND THE ODOT BRIDGE DESIGN MANUAL.

EXISTING STRUCTURE VERIFICATION:

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURES HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURES AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURES AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05 AND 105.02.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PRE BID EXAMINATION OF THE EXISTING STRUCTURES. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

EXISTING PLANS:

THE ORIGINAL CONSTRUCTION PLANS OF THE EXISTING BRIDGES ARE AVAILABLE UPON REQUEST AT THE DISTRICT 3 OFFICE OF THE OHIO DEPARTMENT OF TRANSPORTATION, ASHLAND, OH.

STRUCTURE#	PLAN NAME	DATE
MED-301-0110	WAY/MED-301-(7.44X1.09)	2011
MED-301-0338	MED-301-3.24	1960
MED-301-0624	MED-301-(2.60X3.47)	1954
MED-301-0677	MED-301-0.00/LOR-301-0.00	2006

UTILITIES:

THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES THAT EXIST UNDER OR ADJACENT TO THE WORK AREA.

PLACING ASPHALT CONCRETE ON APPROACHES TO BRIDGES:

SPECIAL CARE SHALL BE TAKEN WHEN PLACING THE ASPHALT CONCRETE BUTT JOINT TO EFFECT A SMOOTH TRANSITION FROM THE EXISTING APPROACH PAVEMENT TO THE BRIDGE DECK, THE CONTRACTOR'S ATTENTION IS CALLED TO STANDARD DRAWING BP-3.1 FOR REQUIRED TOLERANCES.

ITEM 614- MAINTAINING TRAFFIC FOR STRUCTURE MED-301-0338

TWO WAY TRAFFIC ON STRUCTURE MED-301-0338 SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT THROUGH TRAFFIC ON THE STRUCTURE MAY HAVE A LANE CLOSURE DURING NORMAL WORKING HOURS USING FLAGGERS AS SHOWN ON STANDARD DRAWING MT-97.10.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

ESTIMATED QUANTITIES CARRIED TO GENERAL SUMMARY			
ITEM	QUANTITY	UNIT	DESCRIPTION
516	58	FT	JOINT SEALER



- 1) THE EXISTING APPROACH GUARDRAIL AND BRIDGE RAIL IS NOT SHOWN.
2) SEE SHEET 2/2 FOR JOINT DETAILS.

