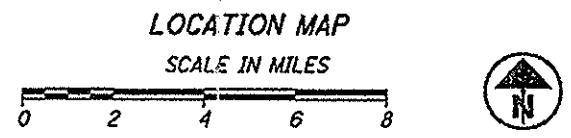
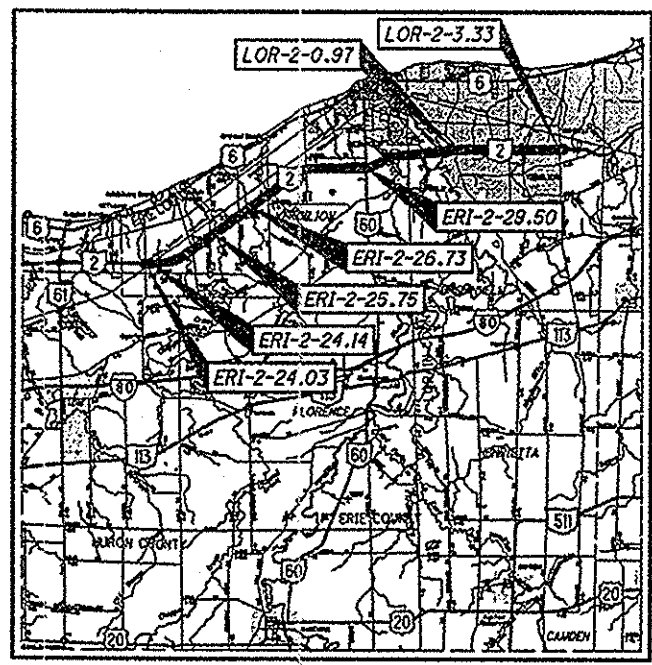


D03 - BH-FY2016 (B) Contract Proposal Available @ www.
 150511 PID - 87694 Contracts.dot.state.oh.us/home
 Dist 3 9/24/2015



PORTION TO BE IMPROVED _____
 INTERSTATE HIGHWAY _____

STRUCTURE	LATITUDE	LONGITUDE
ERI-2-24.03	N 41°22'4"	W 82°27'29"
ERI-2-24.14	N 41°22'4"	W 82°27'22"
ERI-2-25.75	N 41°22'38"	W 82°25'44"
ERI-2-26.73	N 41°23'8"	W 82°24'48"
ERI-2-29.50	N 41°23'52"	W 82°21'53"
LOR-2-0.97	N 41°24'12"	W 82°19'42"
LOR-2-3.33	N 41°24'13"	W 82°16'58"

DESIGN DESIGNATION: ERI-2-24.03-29.50
 CURRENT ADT (2016).....20,000
 DESIGN YEAR ADT (2036).....21,000
 DESIGN HOURLY VOLUME (2036).....2,100
 DIRECTIONAL DISTRIBUTION.....55%
 TRUCKS (24 HOUR B&C).....15%
 DESIGN & LEGAL SPEED.....70 MPH
 DESIGN FUNCTIONAL CLASSIFICATION:
 NHS NON-INTERSTATE PRICIPAL ARTERIAL
 NHS PROJECT.....YES

DESIGN DESIGNATION: LOR-2-0.97-1.51
 CURRENT ADT (2016).....28,000
 DESIGN YEAR ADT (2036).....30,000
 DESIGN HOURLY VOLUME (2036).....3,000
 DIRECTIONAL DISTRIBUTION.....57%
 TRUCKS (24 HOUR B&C).....11%
 DESIGN & LEGAL SPEED.....70 MPH
 DESIGN FUNCTIONAL CLASSIFICATION:
 NHS NON-INTERSTATE FREEWAYS AND EXPRESSWAYS
 NHS PROJECT.....YES

DESIGN DESIGNATION: LOR-2-1.51-3.33
 CURRENT ADT (2016).....29,000
 DESIGN YEAR ADT (2036).....31,000
 DESIGN HOURLY VOLUME (2036).....3,100
 DIRECTIONAL DISTRIBUTION.....59%
 TRUCKS (24 HOUR B&C).....11%
 DESIGN & LEGAL SPEED.....70 MPH
 DESIGN FUNCTIONAL CLASSIFICATION:
 NHS NON-INTERSTATE FREEWAYS AND EXPRESSWAYS
 NHS PROJECT.....YES

DESIGN EXCEPTIONS
 NONE REQUIRED

ENGINEERS SEAL:

SIGNED: *Karla R. Bohmer*
 DATE: 6/25/15

STATE OF OHIO
 DEPARTMENT OF TRANSPORTATION
D03-BH-FY2016(B)
 CITY OF VERMILION
 BERLIN TOWNSHIP
 BROWNHELM TOWNSHIP
 VERMILION TOWNSHIP
 ERIE COUNTY
 LORAIN COUNTY

INDEX OF SHEETS:

TITLE SHEET	1
GENERAL NOTES	2
MAINTENANCE OF TRAFFIC NOTES	3-4
GENERAL SUMMARY	5-6
PAVEMENT MARKING/RPM SUB-SUMMARY	7
STRUCTURE SUB-SUMMARY	8
STRUCTURE INFORMATION	9
ERI-2-24.03 (L)	10
ERI-2-24.03 (R)	11
ERI-2-24.14 (L)	12
ERI-2-24.14 (R)	13
ERI-2-25.75 (L)	14
ERI-2-25.75 (R)	15
ERI-2-26.73 (L)	16
ERI-2-26.73 (R)	17
ERI-2-29.50 (L)	18
ERI-2-29.50 (R)	19
LOR-2-0.97 (L)	20
LOR-2-0.97 (R)	21
LOR-2-3.33 (L)	22
LOR-2-3.33 (R)	23

STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS	
MT-95.30	7/18/14	TC-41.20	10/18/13	DM-4.3	7/19/13	PCB-91	1/18/13	800	7/17/15
MT-95.40	7/18/14	TC-42.20	10/18/13	DM-4.4	7/20/12			821	4/20/12
MT-95.50	7/19/13	TC-52.10	10/18/13					830	1/17/14
MT-97.10	7/18/14	TC-52.20	7/18/14					832	1/17/14
MT-98.10	7/18/14							921	4/20/12
MT-98.11	7/18/14								
MT-98.20	7/18/14								
MT-98.22	7/18/14								
MT-99.20	7/19/13								
MT-101.70	1/17/14								
MT-101.90	7/18/14								
MT-105.10	7/19/13								

PROJECT DESCRIPTION
 BRIDGE MAINTENANCE ITEMS INCLUDING PARAPET REPAIRS, CONCRETE PATCHING REPAIRS, DECK SEALING AND INSTALLING DECK DRAINS.

EARTH DISTURBED AREAS
 PROJECT 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)

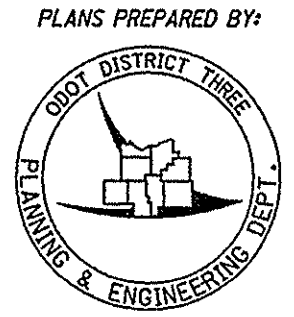
LIMITED ACCESS
 THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

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 AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED *Jim Fawley*
 DATE 6/25/15 DISTRICT DEPUTY DIRECTOR

APPROVED *Jerry Way*
 DATE 6-4-15 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: 1-800-925-0388

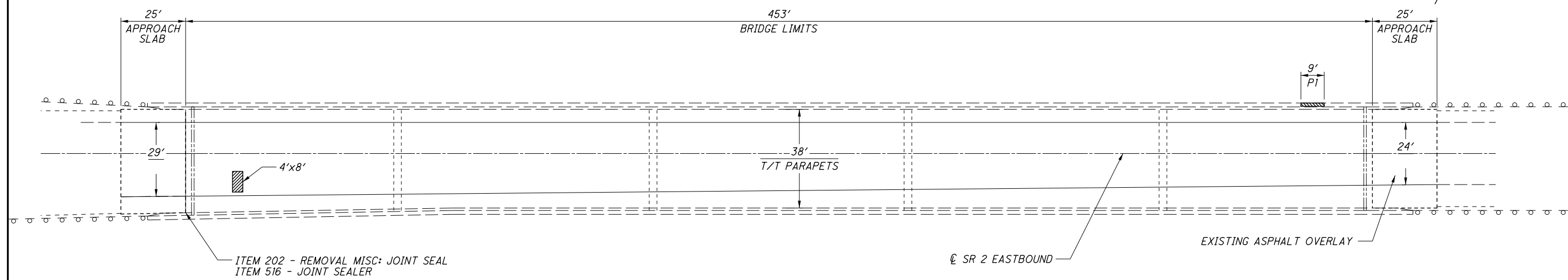
FEDERAL PROJECT NO. E140641
 PID NO. 87694
 CONSTRUCTION PROJECT NO.
 RAILROAD INVOLVEMENT
 NORFOLK SOUTHERN
 D03-BH-FY2016(B)
 1/23

BRIDGE DECK DATA							ROADWAY DATA		
COUNTY, ROUTE, SECTION	STRUCTURE FILE NUMBER	LOCATION	BRIDGE TYPE	SKEW	BRIDGE LIMITS (FEET)	DECK WIDTH (FEET)	EXISTING APPROACH PAVEMENT WIDTH (FEET)	EXISTING APPROACH SLAB WIDTH (FEET)	EXISTING APPROACH SLAB LENGTH (FEET)
ERI-2-24.03 (L)	2204711	SR. 2 OVER FRAILEY ROAD	STEEL BEAM CONTINUOUS	2° R.F.	112	39	40	39	25
ERI-2-24.03 (R)	2204738	SR. 2 OVER FRAILEY ROAD	STEEL BEAM CONTINUOUS	2° R.F.	112	39	40	39	25
ERI-2-24.14 (L)	2204754	SR. 2 OVER NORFOLK SOUTHERN RR	STEEL BEAM CONTINUOUS	54° L.F.	263	39	40	39	25
ERI-2-24.14 (R)	2204762	SR. 2 OVER NORFOLK SOUTHERN RR	STEEL BEAM CONTINUOUS	54° L.F.	263	39	40	39	25
ERI-2-25.75 (L)	2204800	SR. 2 OVER CHAPPEL CREEK	CONCRETE SLAB CONTINUOUS	NONE	106	39	40	39	25
ERI-2-25.75 (R)	2204819	SR. 2 OVER CHAPPEL CREEK	CONCRETE SLAB CONTINUOUS	NONE	106	39	40	39	25
ERI-2-26.73 (L)	2204851	SR. 2 OVER SUGAR CREEK	CONCRETE SLAB CONTINUOUS	NONE	54	39	40	39	25
ERI-2-26.73 (R)	2204878	SR. 2 OVER SUGAR CREEK	CONCRETE SLAB CONTINUOUS	NONE	54	39	40	39	25
ERI-2-29.50 (L)	2204932	SR. 2 OVER SR. 60	STEEL BEAM CONTINUOUS	8° L.F.	187	39	40	39	25
ERI-2-29.50 (R)	2204940	SR. 2 OVER SR. 60	STEEL BEAM CONTINUOUS	8° L.F.	195	VARIES 66 TO 62	60	VARIES 66 TO 62	25
LOR-2-0.97 (L)	4707818	SR. 2 OVER VERMILION RIVER	STEEL BEAM CONTINUOUS	NONE	453	38	40	38	25'
LOR-2-0.97 (R)	4707796	SR. 2 OVER VERMILION RIVER	STEEL BEAM CONTINUOUS	NONE	453	38	40	38	25
LOR-2-3.33 (L)	4707923	SR. 2 OVER BAUMHART ROAD	STEEL BEAM CONTINUOUS	NONE	159	38	40	38	25
LOR-2-3.33 (R)	4707915	SR. 2 OVER BAUMHART ROAD	STEEL BEAM CONTINUOUS	NONE	159	38	40	38	25

STRUCTURE INFORMATION

D03-BH-FY2016(B)

I:\projects\87694\structures\LOR-2_Structures\87694CP001-LOR-2-0097.dgn



PLAN VIEW

NOTES:

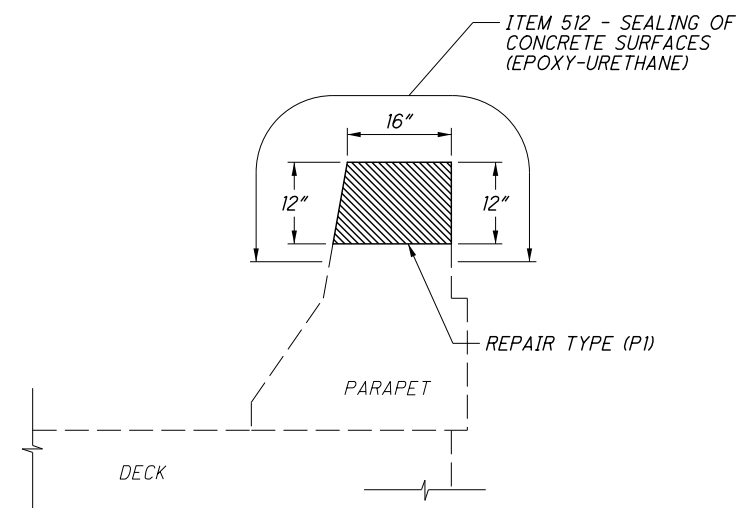
- 1) ALL EXISTING REINFORCING STEEL SHALL BE PRESERVED.
- 2) ALL SEALING SHALL BE PERFORMED AFTER ALL REPAIRS ARE MADE.
- 3) SEAL JOINT BETWEEN APPROACH SLAB AND BACKWALL WITH RUBBERIZED CRACK SEALER USING ITEM 516 - JOINT SEALER.
- 4) REPAIR TYPE (P1) INCLUDES THE FOLLOWING ITEMS:
 ITEM 202 - PORTIONS OF STRUCTURE REMOVED, AS PER PLAN
 ITEM 511 - CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET)
 ITEM 512 - SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)
- 5) THE REST AREA EXIT RAMP MERGES WITH THE DRIVING LANE IMMEDIATELY PRIOR TO APPROACHING THE STRUCTURE.

LEGEND:

- : INDICATES PARAPET REPAIR LOCATION
- : INDICATES MICRO-SILICA MODIFIED CONCRETE PATCH LOCATION

ITEM	QUANTITY	UNIT	DESCRIPTION	SFN: 4707796
202	0.5	CY	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	
202	38	FT	REMOVAL MISC: JOINT SEAL	
511	0.5	CY	CLASS QC 2 CONCRETE, BRIDGE DECK (PARAPET)	
512	4	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
516	38	FT	JOINT SEALER	
SPECIAL	3.5	SY	PATCHING CONCRETE BRIDGE DECK OVERLAYS WITH MICRO-SILICA MODIFIED CONCRETE	

ALL QUANTITIES CARRIED TO THE STRUCTURE SUMMARY SHEET



TYPICAL PARAPET REPAIR SECTIONS

DESIGNED JWS	CHECKED KRB	DRAWN JWS	REVISED	REVIEWED DJV	DATE 6/29/15
				STRUCTURE FILE NUMBER 4707796	DESIGN AGENCY ODOT DISTRICT THREE OFFICE OF PLANNING AND ENGINEERING
PLAN VIEW LOR-2-0097R SR 2 OVER VERMILION RIVER					
D03-BH-FY2016(B)					
21 23					