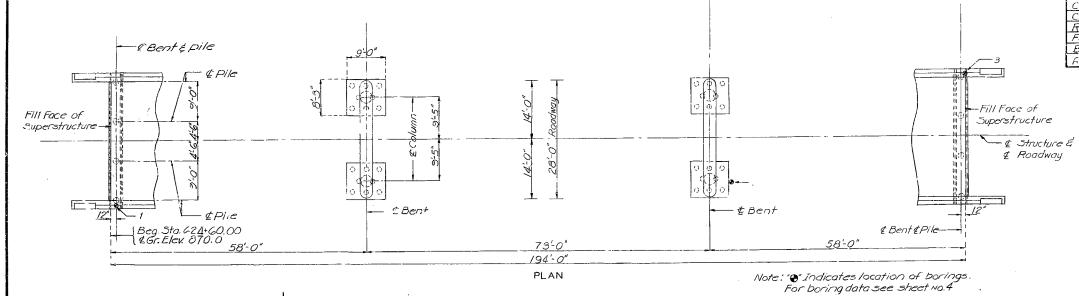


GENERAL ELEVATION

(3)



Beg. Sta. 624+60.00 Proposed Structure.

Drainage urea:
66.4 5q. Mi. (Lt. Hilly)
Design Discharge: 8300 cfs.
Frequency: 25 years.

LOCATION SKETCH

Min. Tip penetration Elev. 830.0 823.0 623.0 830.0 Pile Standard 702.02 702.02 702.02 102.02

Tons

PILE DATA

BENT NO.

Type

Kind

Number

Approximate Length

Design Bearing

Short No. 1 of

GENERAL NOTES:

Design Specifications A A S.H.O. - 1969

Design Loading:

H 15-44 15#/sq.ff Future Wearing Surface Earth 120# Equivalent Fluid Pressure 30# Fatigue siress: Case I

Design Unit Stresses:

Class B Concrete (substructure) fc = 1,200 psi class 31 Concrete (superstructure) fc = 1,600 psi Reinforcing Steel fs = 20,000 psi Structura! Steel fs = 20,000 psi

Fabricated Steel:

Field connections, High 5trenath Bolts 3/4" \$\phi\$, holes 13/16" \$\phi\$ except as noted.

Paint:

Paint: Shap, none; Field by the forces, except as noted in Std. Spec. 7/2. 2.2.

Reinforcing Steel :

Minimum clearance to reinforcing steel shall be $i_z^{\rm L''}$ unless otherwise shown.

ESTIMATED QUAR	NTITIES			
ITEM		SUBSTR.	SUPERSTR.	TOTAL
Class I Excavation for Structures	Cu. Yd.	185		185
Class 2 Excavation for Structures	Cu.Yd.	140		140
Cast-In-Place Concrere Pile	Lin.Ft.	1,400		1400
Class B Concrete	Cu. Yd.	77.2		77.2
Class &i Concrete	Cu.Yd.		1892	109.2
Reinforcing Steel	<u> </u>	10/60	48880	59040
Fabricated Structural Carbon Steel	Lb.		103250	103250
Bridge Rail (One tube)	LinFt.		401	40;
Removal or Bridge	Each			1

Note: All concrete and reinforcement in End Bents Nc. 1 & 4 except substructure beam is included in superstructure quantities.

No payment for excavation will be allowed at. End Bents No. | \$4.

B.M. Elev. 867.92 × On Bolth Base of N.W. Batter Post of Bridge over W. Medicine Creek North of Reloc Sta. 624+74 (U.S.G. S. Datum).

BRIDGE OVER WEST MEDICINE CREEK DR.DT.

STATE ROAD FROM RTE. J EAST TO RTE. 139

ABOUT 1.5 MILES WEST OF HARRIS

PROJECT NO.85-536(8) RTE.E STA. 624+60.00

MERCER

COUNTY

APPROVED BY M. Juli ENGINEER DATE 9-10.70

STD. 702.02 STD. 706.30 A-2636

DESIGNED Aug. 1969BY LINDETAILED Sept. 1969BY LINCHECKED OCT. 1969 BY KHAN

Note: This drawing is not to scale. Follow dimensions.

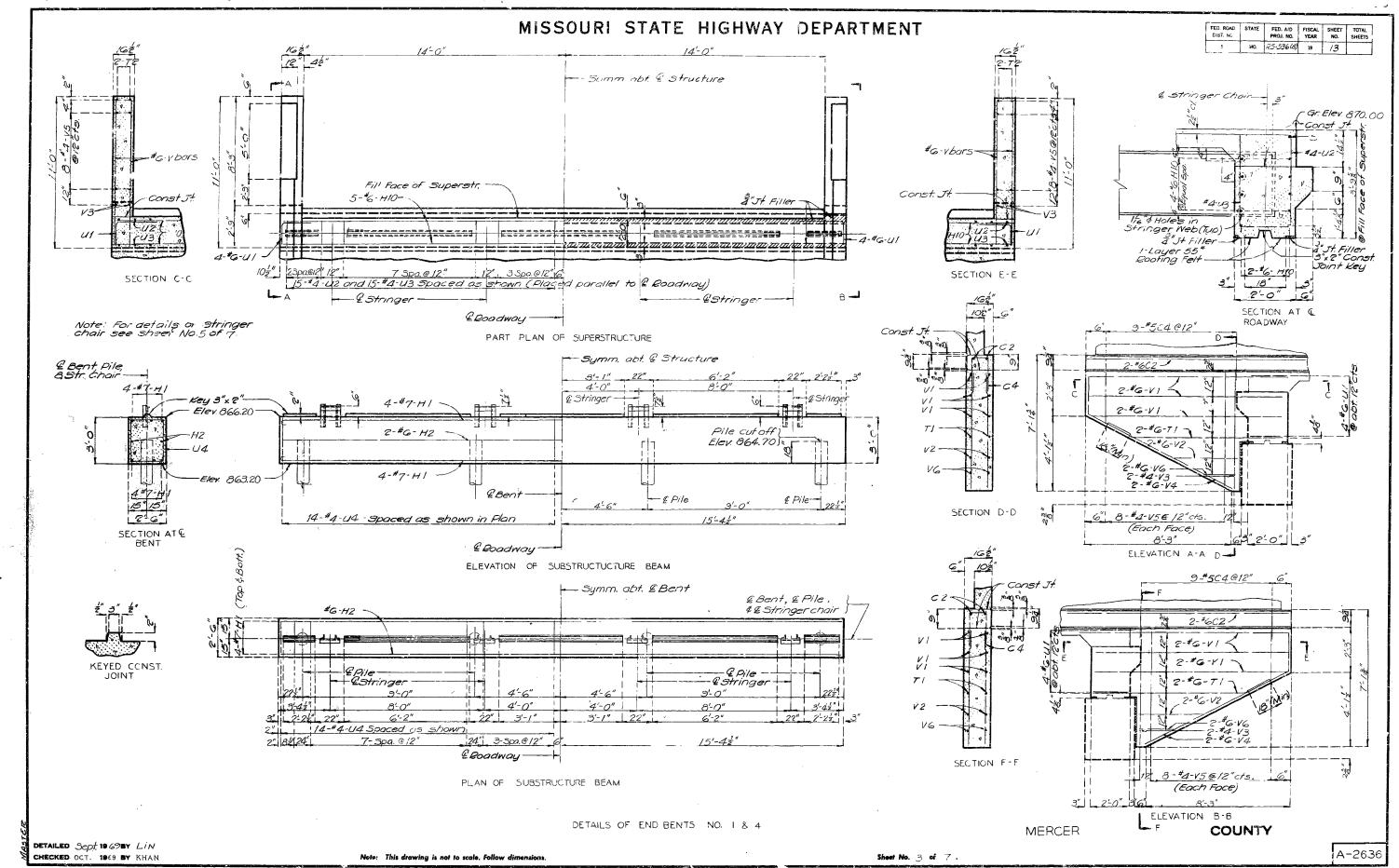
Sheet No. / of 7.

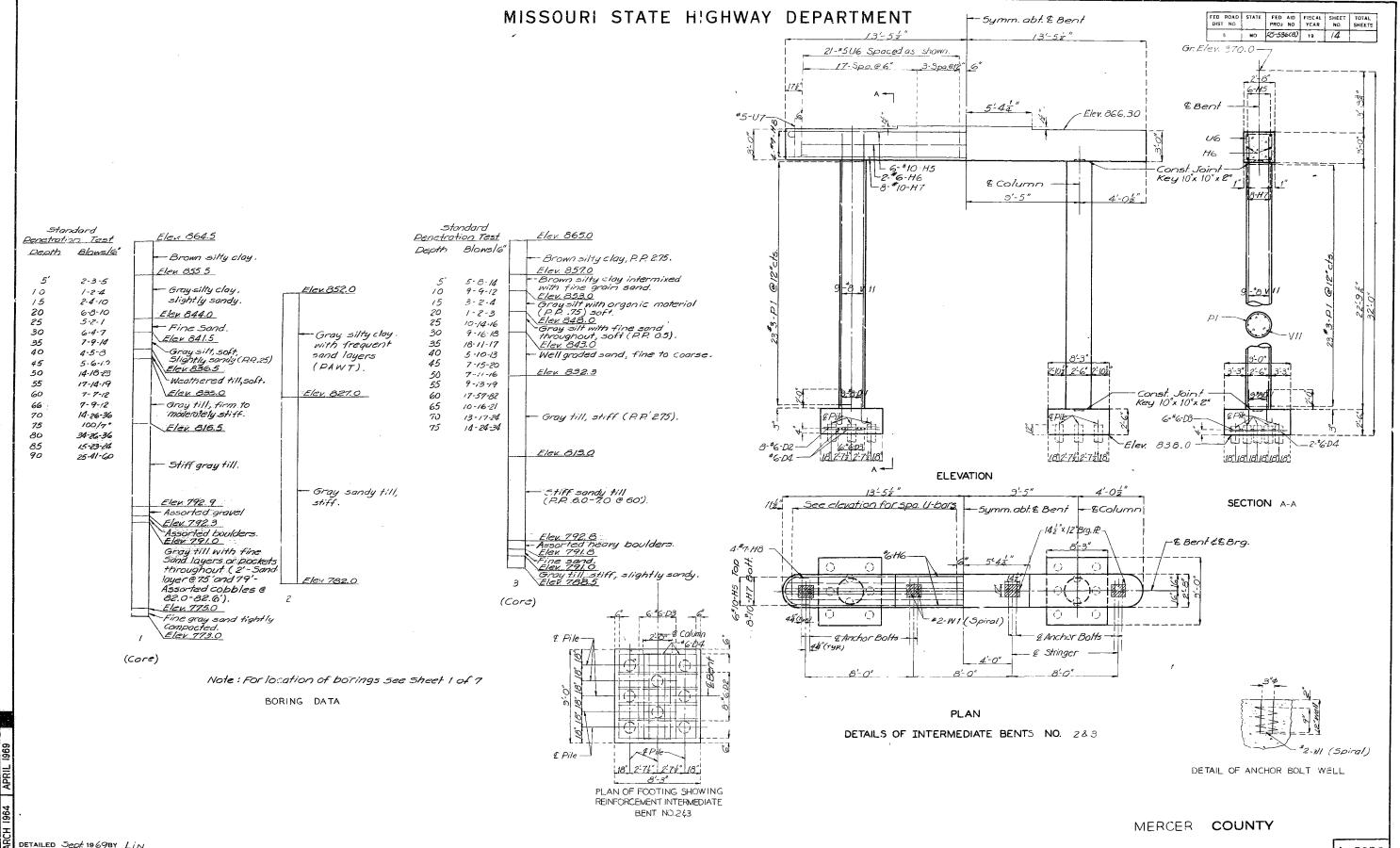
3

Foundation

26

				GHWAY DEPARTMENT	FED. ROAD STATE FED AID FISCAL SHEET TO
MARK NO.	N N N N N N N N N N N N N N N N N N N	A P C D E H	G MARK NO.	DIMENSIONS LUSION DIMENSIONS DIMENSIONS LUSION DIMENSIONS DIMENSIONS LUSION DIMENSIONS DIMENSIONS LUSION DIMENSIONS DIMENSIONS	BENDING DIAGRAMS
LOCATION	SHAPE TIE OR S SUBST VA (IES	A B C D E W S	NO. REOD NO. REOD NO. REOD NO. REOD NO. REOD NO.	MENSIONS LINE ST. IN. FT. IN. FT. IN. FT. IN. FT. IN. LBS. DIMENSIONS LE ST. IN. FT. IN. FT. IN. FT. IN. FT. IN. LBS. DIMENSIONS LE ST. IN. FT. IN. FT. IN. FT. IN. FT. IN. FT. IN. LBS. DIMENSIONS LE ST. IN. FT. IN. FT. IN. FT. IN. FT. IN. FT. IN. LBS. DIMENSIONS LE ST. IN. FT. IN. FT. IN. FT. IN. FT. IN. FT. IN. LBS. DIMENSIONS LE ST. IN. FT. IN	
SIZIS	FT.	IN. FT. IN. FT. IN. FT. IN. FT. IN. FT. IN LOS.	N N N N N N N N N N N N N N N N N N N)< " / "
END BENTS NO 1 AND 4			SUPERSTRUCTURE		
16 7H1 BEAM	──	6.000 0 0.0 0 0.0 0 0.0 0 0.0 32 0 1947	846 551 SLAB 20 155 452 SLAB 20	30 6-000 0 0-0 0 0-0 0 0-0 0 0-0 0 0-0 30 6 26913	
4 6H2 BEAM 56 4U4 BEAM		6.000 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 30 6 183 9.000 2 3.000 2 3.000 0 0.0 0 0.0 10 6 393	144 5S3 SLAB 20	69 5.300 0 0.0 0 0.0 0 0.0 0 0.0 49 5; 7422	_B
20 404 (85.8)			60 454 SLAB 20	16 0.0 7 0.0 0 0.0 0 0.0 16 0 541 SHAPE ST	SHAPE 7 SHAPE 8T SHAPE 9T SHAPE I
24 6V1 WING	──├─┼─┼─┼──	5.000 0 0.0 0 0.0 0 0.0 0 0.0 10 5 575			<u>B</u> <u>B</u> <u>C</u>
P 6A5 RING .		6:000 0 0:0 0 0:0 0 0:0 0 0:0 4 6 54	388 5C1 CUR8 16 T	1 1.500 1 0.750 1 0.750 0 6.000 0 0.0 3 5 1391 34 2.900 0 0.0 0 0.0 0 0.0 0 0.0 3 5 2 321	
8 6V4 WING		1.000 0 0.0 0 0.0 0 0.0 0 0.0 6 1 32 6.000 0 0.0 0 0.0 0 0.0 0 0.0 2 6 102	8 6C3 CURB 20	39 3.000 0 0.0 0 0.0 0 0.0 0 0.0 39 8 477 40	
8 044 21NG	20 V 8 2		36 564 CURB 10 T	┆╸┡╸╞╸╸╸╸╸┡╸╸╸╸╸┩╸╸╸╸╸┪╸╸╸╸╸┪╸╸╸╺╸┡╸╸╸┩╸╸ ╌ ┩ ┃┃ ┃ ┃ ┃	
INCREMENT = 6.000 INCHES		9.000 0 9.0 0 0.0 0 9.0 0 0.0 5 9 171		0 [6]	C C
8 SV6 WING	26 2	6.000 0 0.0 0 0.0 0 0.0 0 0.0 2 6 30	8 5R1 END POST 20	4 9.000 0 0.0 0 0.0 0 0.0 4 9 40 SHAPE II	SHAPE I2 SHAPE I3T SHAPE I4 S
8 6T1 WING	15 2	2.875 0 11.375 1 10.750 7 9.500 3 10.750 12 11 155	4 5R2 END POST 12	0 9.000 2 1.375 0 0.6 0 0.0 0 0.0 5 4 22	Α
	 - - - - - - 		4 5R4 END POST 12	0 9-000 2 4-125 0 0-0 0 0-0 0 0-0 5 10 24	
INTERHEDIATE GENTS NO 2 6 3	3		4 5R5 END POST 12	0 9.000 2 7.250 0 0.0 0 0.0 0 0.0 6 4 26	SHAPE 17 m
12 LOH5 BEAM	18 S 24	3.000 0 0.0 0 0.0 0 0.0 0 0.0 26 5 1364	4 5R6 END POST 12	0 9.000 2 8.000 0 0.0 0 0.0 0 0.0 6 5 27 B	A D SHAPE IS -
4 6H6 BEAM		3.000 0 0.0 0 0.0 0 0.0 0 0.0 24 3 146	4 5R7 END POST 12	0 9.000 2 8.625 0 0.0 0 0.0 0 0.0 0 7 27	
16 10H7 BEAM	_+++	3.000 0 0.0 0 0.0 0 0.0 0 0.0 24 3 1570	4 5R8 END POST 12 8 5R9 END POST 12	1 0 2000 1 2000 0 000 0 0 0 0 0 0 0 0 0	SHAPE 20 SHAPE
16 7H8 BEAM	- - - - - - - - - - 	5.000 3 9.125 0 0.0 0 0.0 0 0.0 8 9 287 9.000 2 5.000 2 5.000 0 0.0 0 0.0 11 0 966	8 5R9 END PGST 12	0 9.000 2 9.875 0 0.0 0 0.0 0 0.0 6 9 56 0 7.750 4 9.000 4 9.000 0 0.0 0 0.0 9 11 165	Spot Weld
4 5U7 BEAM		7.000 2 3.625 2 3.625 0 0.0 0 0.0 10 10 45			Spot Weld #2 bar
			400 5R11 PARAPET 12	0 8-500 2 0-375 0 C-0 0 0.0 0 0.0 5 2 2138 CC	
			62 SR12 PARAPET 10	0 8-500 1 7-500 1 7-500 0 6-000 0 0.0 4 1 26- \$1 0-0 0 0-0 0 0-0 0 0.0 51 0 851	B A D B A
66 8411 COLUMN	- 	9.000 0 0.0 0 0.0 0 0.0 0 0.0 24 9 2379	16 5R13 PARAPET 20 32 5R14 PARAPET 20	11 0 000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
OZ 3P1 COLUMN O6 8D1 COLUMN	- 	3-000 0 0-0 0 0-0 0 0-0 0 0-0 7 9 267 0-0 0 0-0 0 0-0 0 0-0 0 0-0 4 10 465	32 5R14 PARAPET 20 8 5R15 PARAPET 20	11 9-000 0 0-0 0 0-0 0 0-0 0 0-0 11 9 392 SHAPE 21	SHAPE 22 SHAPE 23 SHAPE 24
	+++++++++++++++++++++++++++++++++++++++	0 000 0 000 0 000 7 10 992			C 7
2 602 FOOTING	20 is 8 (0.0 0 0.0 0 0.0 0 0.0 0 0.0 2 0 385	20 6H10 MEB 20	30 5-000 0 0-0 0 0-9 0 0-0 0 0-0 30 6 916	4 [_]
4 603 FOOTING		9,000 0 0.0 0 0.0 0 0.0 0 0.0 8 9 315	16 MIL MER 19 T	 	0
8 6D4 FOOTING	10 8 8	0.0 4 7.500 4 7.590 0 0.0 0 0.0 16 11 204	60 44/2 MEB 19 T	│ 	c 0
6 ZWI BEAM	22 5 2	9,000 0 0.0 0 0.0 0 0.0 0 0.0 15 1 40	60 5U3. WE8 19 T	3 15200 1 35000 0 360 0 060 0 060 3 0 200	SHAPE 25
40.00		3.2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.		Note: All be	ending dimensions are out to out. Is and bends shall be in accordance
				with the C	RSI Wanual of Standard Practice for einforced concrete structures.
					or stirrup
	++++			5-60	r is included in in equal increments between equal increments between equal increments between en the
				Leng	the total lengths are line and the following line and the following line and the following line along centerline Along centerline
+				measured bar to se	along centerline No.Ea.Number of Unr. nearest inch of each length.
					•
					
	++-				
					
	 				
ewn OCT, 1969 by LIN ecked OCT, 1969 by KHAN		Note: This drawing is not to scale. Follow o	imensions.	Sheet No. 2 of 7	MERCER COUNTY A-





100

19.1A REVISED

DETAILED Sept 1969BY LIN CHECKED OCT. 1969 BY KHAN

Note: This drawing is not to scale. Follow dimensions

Sheet No. 4 of 7.

A-2636

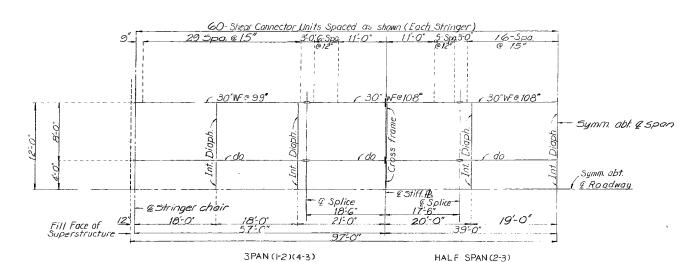
MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD STATE DIST NO. FED. AID FISCAL SHEET TOTAL PROJ. NO. YEAR NO. SHEETS MO. R5-536(8) 19 /5

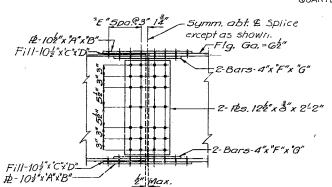
-£ Stringer

-Flat Surface

Lead Plate



QUARTER PLAN OF STRUCTURAL STEEL



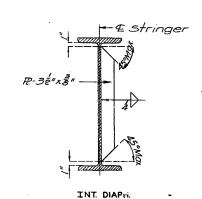
11-0"	10'-0"
Span (1-2) (4-3)	Span (2-3) 15x34 — Ext. stringers FIG. IP-12'x34" — Int. stringers
12	Int. stringers.
4	
2 mg T	1/5/
Symm. abt. & Stiff. R	End of Weld
	後 道

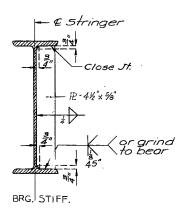
DETAILS OF FLANGE PLATES - TOP & BOTTOM FLANGE

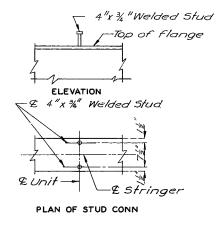
INT. BENTS NO. 2&3

"A" "B" "C" "D" "E" "F" WF SIZE 80°W=99°to 108° 7/16 2-0½ 13G0, 12° 3 1/2" 0°W=106°to 108° 1/2" 2-6½" - - 4 1/2"

Note: 16 preamed holes for 8 phigh strength bolts. DETAIL OF 30" WF BEAM SPLICE



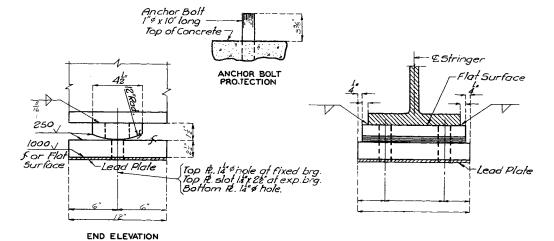




DETAILS OF SHEAR CONNECTORS

Note: Weight of 595 lbs. of shear connectors is included in weight of Fabricated Structural Carbon Steel.

Note: This drawing is not to scale. Follow dimension:



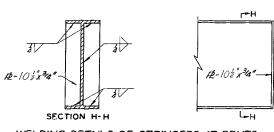
NOTES: TYPE "C" BEARINGS

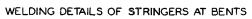
Lead plates under bearings shall be approximately 8" thickness and weigh 6" sq. ft. Cost of lead plates shall be included in price bid for other items. "Estimated weight" does not include weight of anchor bolts.

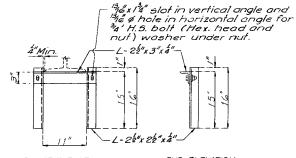
Anchor Bolts for Type "C" Bearings shall be 1" \$
swedged bolts 10" long with no heads or nuts.
Top of Anchor Bolts shall be set approximately a" below top of bearing.

0 -Fixed Bearings 8 -Expansion Bearings Required:

TYPE "C" BEARINGS (Estimated Weight 1063 #)







END ELEVATION FRONT ELEVATION DETAILS OF STRINGER CHAIR

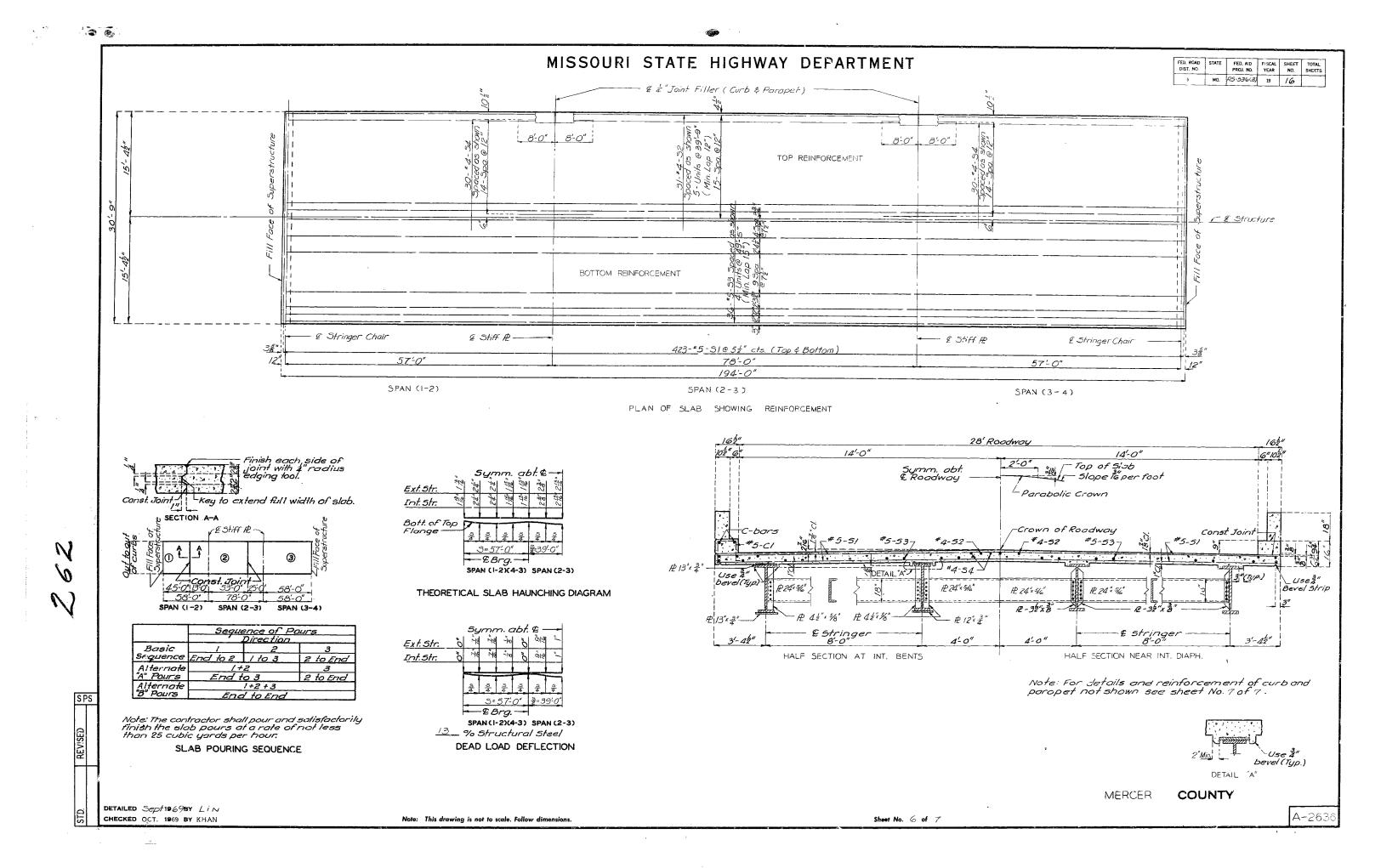
MERCER COUNTY

DETAILED Sept. 1969BY LIN. CHECKED OCT. 1969 BY KHAN WELDING DETAILS

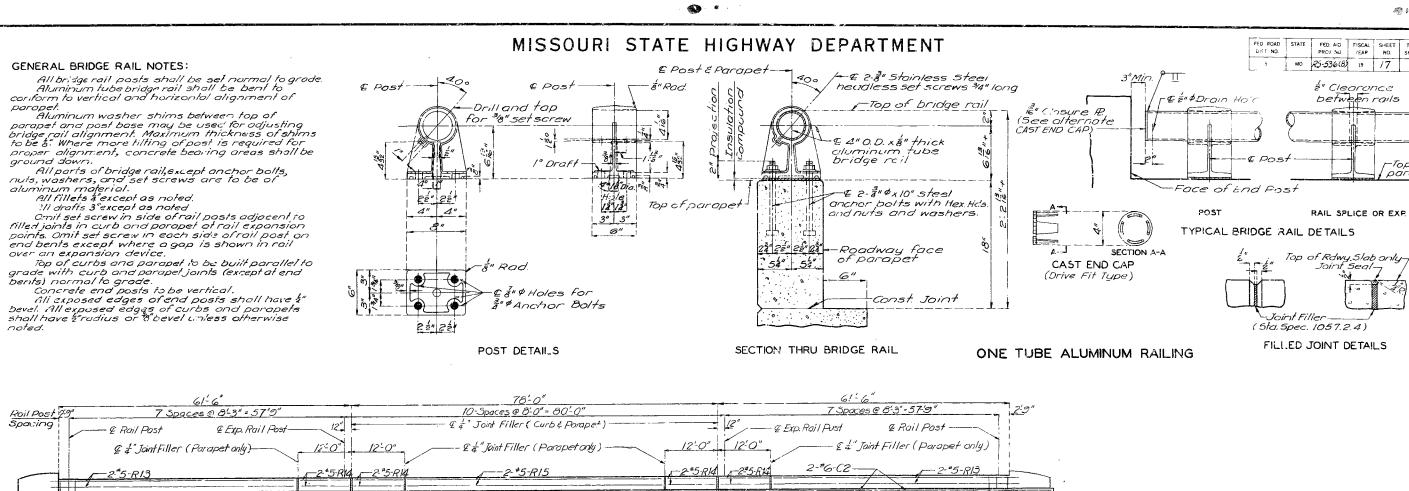
o'

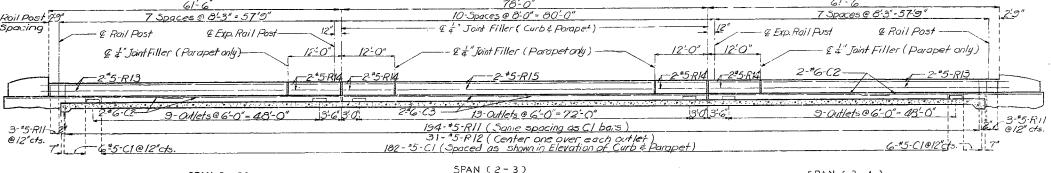
Sheet No. 5 of 7

A-2636



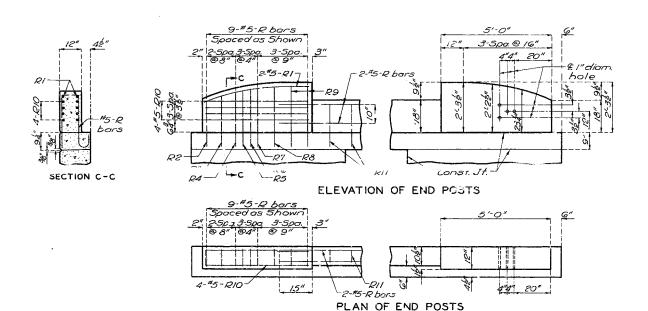
r-Top of

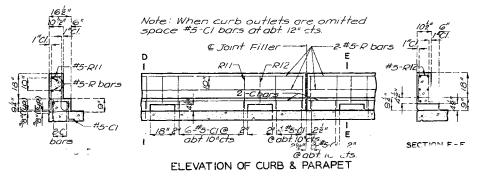




SPAN (2-3)
SECTION NEAR LEFT CURB AND PARAPET SPAN (1-2)

SPAN (3-4)





Note: For horizontal curb and parapet bars use a minimum lap of 15" for #5 and 18" for #6.

MERCER

COUNTY

A-2636

DETAILED Sept 1969BY LIN CHECKED OCT. 1969 BY KHAN

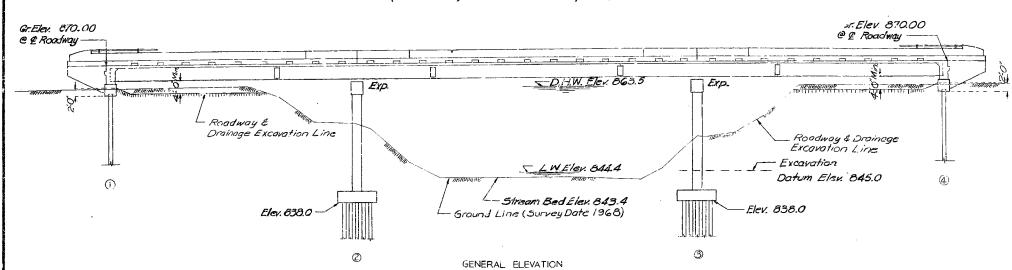
.

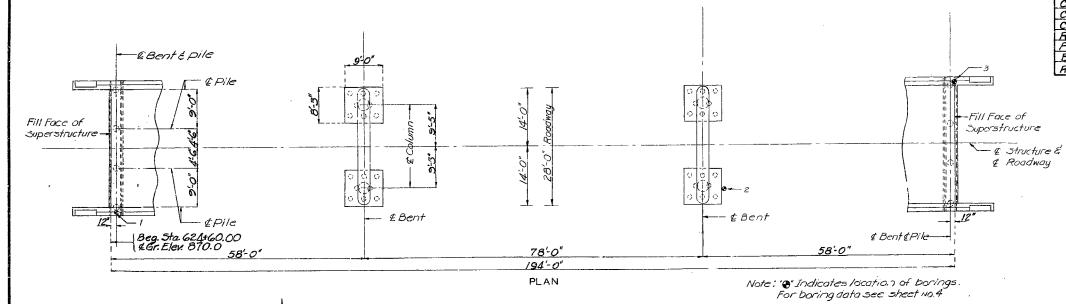
Note: This drawing is not to scale. Follow dimensions.

Sheet Nc. 7 of 7.

MISSOURI STATE HIGHWAY DEPARTMENT

(57'-78'-57') Conf. WF Beams (Composite)





& Structure & & Readway New Structure, Beg. Sta. 624+60.00 Drainage area : 66.4 5q. Mi. (Lt. Hilly)
Design Discharge: 8300 cfs.
Frequency: 25 years

LOCATION SKETCH

	PILE	DATA			
BENT NO.		1	2	3	4
Туре			Found	Jation	
Kind			C. J	(. <i>P</i> .	
Number		4	16	16	4
Approximale Length	Ft.	55	30	30	<i>5</i> 5
Design Bearing	Tons	30	26	26	30
Min. Tip penetration	Elev.	830.0	823.0	823.0	830.0
Pile Standard		702.02	702.02	702.02	702.02
Hammer Energy required	Ft.Lbs.		8000	8000	8000

Minimum energy requirement of hammer based on plan length of piles.
All pile startibe driven to the minimum penetrations and to not less than the design bearings noted.

Sheet No. 1A of 1

FED. ROAD STATE FED. AID FISCAL SHEET TOTAL DIST NO. PROJ. NO. YEAR NO. SHEETS GENERAL NOTES: MO. 25-536:3) 10 1/

Design Specifications A.A.S.H.O. - 1965

Design Lo. ding:

H 15-44 15#/sq ft Future Wearing Surface Earth 120# Equivalent Fluid Pressure 30# Fotigue stress: Cose I

Design Unit Stresses:

Class B Concrete (substructure) fc = 1,200 psi Class Bl Concrete (superstructure) fc=1,600 ps. Reinforcing Steel fs = 20,000 psi Structural Steel fs = 20,000 psi

Fabricated Steel

Field connections, High Strength Bolts 34" \$, holes 13/16" \$ except as noted

Point: Shop, none; Field, by state forces, except as noted in Std. Spec. 7/2./2.2.

Reinforcing Steel

Minimum clearance to reinforcing steel

unless otherwise shown.

FINAL PLANS

QUA	NTITIES			
ITEM		SUBSTR.	SUPERSTR.	TOTAL
Class Excavation for Structures	Cu Yd.	135		135
Class 2 Excavation for Structures	Cu, Yd.	140		140
Cast-In-Place Concrete Pile	Lin.Ft.	,244		124
Class B Concrete	Cu.Yd.	77.2.		77.2
Class Bl Concrete	Cu.Yd.		189.2	189.2
Reinforcing Steel	Lb.	10160	48880	59040
Fabricated Structural Carbon Steel	Lb.		103220	103220
Bridge Rail (One tube)	LinFt.		401	401
Removal of Bridge	Each			i

Note: All concrete and reinforcement in End Bents No. 1 & 4 except substructure beam is included in superstructure quantities.

No payment for excavation was allowed at End Bents No. 1 € 4 .

B.M. Elev. 870.55 S.W. Cor. on top of Bridge Curb 14' Lt. Sta. 624+51.

BRIDGE OVER WEST MEDICINE CREEK DR.DT.

STATE ROAD FROM RTE. J EAST TO RTE. 139

ABOUT 1.5 MILES WEST OF HARRIS

PROJECT NO.85-536(8) RTE.E STA. 624+60.00

MERCER

COUNTY

'STD. 702.02 STD.706.30 A-2636

DESIGNED Aug. 1969BY LIN DETAILED SEPT. 1969BY LIN CHECKED OCT 1969 BY KHAN

Note: This drawing is not to scale. Follow dimensions

FINAL PLANS

A263	36 E/Mercer
Asbestos-Containing Yes: X If yes, see report	No:
Structural Sto Yes:	eel Present? No: If No, then skip the following
Lead-Based Pain Yes:	t (LBP) Present? No:
Trusses LBP?	Girder LBP?
Yes: No:	Yes: No:
Railing LBP?	Pile LBP?
Yes: No:	Yes: No:

Bridge Number:

A2636

MEMORANDUM



Missouri Department of Transportation Construction and Materials Central Laboratory

TO:

TMS

FROM:

Frank Reichart

Environmental Chemist

DATE:

October 7, 2015

SUBJECT:

Materials

Asbestos Inspection & Heavy Metal Paint Survey

Route E

Bridge A-2636 Mercer County

We are providing you with the results of the inspection on the above referenced bridge. The inspection report contains an asbestos and a heavy metals survey. The asbestos inspection included identifying suspect asbestos-containing material and NVLAP accredited testing to confirm the presence of asbestos.

Form T746 – This will show if samples were taken, where from, and, if the sample was found to contain asbestos, our estimated quantity of material present. Under the column "Friability Category", this is the meaning for the following:

N-ACM – No asbestos detected.

I NF – Asbestos is present. Material shall be handled carefully by a licensed abatement worker and kept wet if removing as part of a maintenance activity.

II NF – Asbestos is present. If removal is required for the maintenance activity, use an abatement contractor.

In accordance with Missouri Department of Natural Resources' Technical Bulletin "Managing Construction and Demolition Waste" dated January 31, 2003, a heavy metal paint survey has been performed on the above referenced bridge. This survey includes locating concrete which has been painted with something other than traffic paint or graffiti, and testing the painted surface(s) to determine if hazardous heavy metals are present. If the bridge is being removed completely, or the maintenance repairs include removing the painted concrete, then, non-hazardous painted concrete may be used as clean fill materials, if properly handled. You must contact the Central Office Design Division for proper handling of the reported painted surfaces.

Although our survey included observing and sampling all accessible areas, it is possible that potentially hidden asbestos-containing materials may exist within the structure. Should you have any questions regarding these reports, please contact me at (573) 526-4359.

db/fr/dr

http://sharepoint/systemdelivery/cm/chemicallab/environmental/shared documents/asbestos/districts/northwest (nw)/mt/a2636/dr1510072.docx Attachments

MISSOURI DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS

Asbestos Survey Report All Suspect ACM

PARCEL NO.: DATE OF SURVEY: COUNTY: MODOT JOB NO.: DISTRICT: ROUTE: WN/A Bridge A-2636 October 7, 2015, and August 16, 2016 Mercer SITE ADDRESS: SURVEYED BY: CERTIFICATION #: **CERTIFICATION #:**

Frank Reichart and Diane Roegge 7118110514MOIR11239, F.R.

7118110514MOIR7165, D.R.

Over West Medicine Creek

TYPE(S) OF STRUCTURE(S): Bridge

,	111111111111111111111111111111111111111											16MFJR 888	Sample ID
The proposal state of										on file.	Bridge Paint is not a suspect ACM per MSDS's	Insulating Compound	Type of Materials
							3.3.3.3				The state of the s	Under 50-Tube Rail Posts, Over Concrete	Location of Material
												IINF	Friability Category
					_							19 Sq. Ft.	Field Measure

MISSOURI DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS

Asbestos Survey Report
Nonfriable Asbestos-Containing Materials
(Abatement not required if not made friable during demolition.)

ROUTE: MODOT JOB NO.: DISTRICT: COUNTY: DATE OF TESTS: PARCEL NO.:	E N/A NW Mercer August 31, 2016 Bridge A-2636	TESTED BY: CERTIFICATION #: CERTIFICATION #: SITE ADDRESS: TYPE(S) OF STRUCTURE(S):	Frank Reichart and Diane Roegge 7118110514MOIR11239. F.R. 7118110514MOIR7165, D.R. Over West Medicine Creek Bridge	d Diane Roe R11239. F.R R7165, D.R.			
Sample ID	Type of Material	Location of Material	Fria Cat	× ×	Field Measure	Asbestos Type	Percer
		None Located	<u> </u>	INF			
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	Anniel Marie de la companya del companya de la companya del companya de la companya del la companya de la compa				-		
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MANAGEMENT TO THE RESIDENCE OF THE PROPERTY OF							
The state of the s							

MISSOURI DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS Asbestos Survey Report All materials requiring removal or special handling.

ROUTE: MODOT JOB NO.: DISTRICT: COUNTY: DATE OF TESTS: PARCEL NO.:	TS:	N/A NW Mercer August 31, 2016 Bridge A-2636	TESTED BY: CERTIFICATION #: CERTIFICATION #: TYPE(S) OF STRUCTURE(S):	Frank Reicha 71181105141 71181105141 71181105141 Over West M Bridge	Frank Reichart and Diane R 7118110514MOIR11239, F 7118110514MOIR7165, D. Over West Medicine Creek Bridge	Frank Reichart and Diane Roegge 7118110514MOIR11239, F.R. 7118110514MOIR7165, D.R. Over West Medicine Creek Bridge		
Bid Item No.	Sample ID	Type of Material	Location of Material		Friability Category	Field Measure	Asbestos Type	Percent
202-40.43	16MFJR 888	Insulating Compound	Under 50-Tube Rail Posts, Over Concrete		HINF	19 Sq. Ft.	Chrysotile	2-7
			None Located		F-17			
	ny ago a to a principal and a second a second and a second a second and a second an							
- Indiana de la company de la								
								İ
		A CONTRACTOR OF THE CONTRACTOR						
			The second section of the section of					
								4 pm m 24 - 24 mm pp 1244 - 24 mm 24 - 24 4 pm p - 24 1244 - 24 124 124 124 124 124 124 124 124 124
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MISSOURI DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS

Metals Survey Report of Painted Concrete, Block, Brick Surfaces for Clean Fill Purposes

ROUTE: MODOT JOB NO.: DISTRICT: COUNTY: SURVEYED BY: DATE OF SURVEY:	N/A NW Mercer Frank Reichart Cottober 7, 2015	TESTED BY: DATE OF TESTS: PARCEL NO.: SITE ADDRESS: TYPE(S) OF STRUC	TESTED BY: N/A DATE OF TESTS: N/A PARCEL NO.: Bridge SITE ADDRESS: Over W TYPE(S) OF STRUCTURE(S): Bridge	N/A N/A Bridg Over URE(S): Bridg	N/A N/A Bridge A-2636 Over West Medicine Creek Bridge	dicine Creek			
			SAMASTER VIII VIVI		Me (pı	Metals (ppm)			
								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Sample ID	Color/Location of Material/Substrate No painted surfaces located.	As	Cr	Pb	Cd	Se	Ва	Hg	Ag
	Transferrence Commission Commissi								
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MEMORANDUM



Missouri Department of Transportation Construction and Materials Central Laboratory

TO:

TMS

FROM:

Frank Reichart M

Environmental Chemist, Lead License #110506-300003364

DATE:

October 30, 2018

SUBJECT:

Materials
Job No. N/A

E/Mercer County Bridge# A2636

On October 30, 2018, a paint screening for regulated heavy metals was performed on the subject bridge. The following results were obtained:

	18MFJR756
Arsenic (As)	LOD*
Chromium (Cr)	29 ppm**
Lead (Pb)	263 ppm
Cadmium (Cd)	LOD
Selenium (Se)	LOD
Barium (Ba)	352 ppm
Mercury (Hg)	LOD
Silver (Ag)	LOD

^{*}LOD = below the detection limit of the instrument

TMS paint data indicated a System C Al paint, applied in 1992. The results verify the information found in TMS.

The existing paint system is NOT lead-based paint.

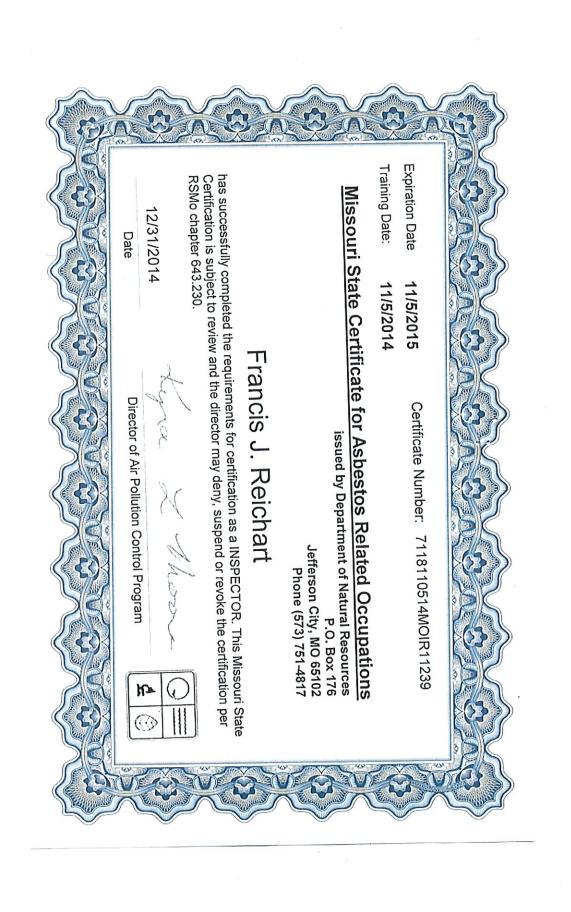
Should any further screenings be required, please contact Todd Bennett, Chemical Laboratory Director, at (573) 751-1045.

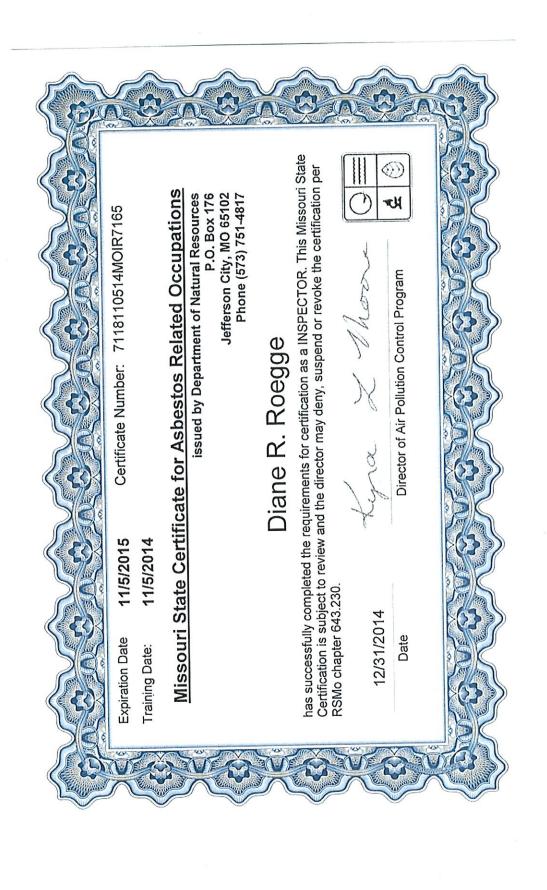
Should you have any questions regarding the screenings, feel free to call me at (573) 526-4359.

fr/di

http://sharepoint/systemdelivery/cm/chemicallab/environmental/shared documents/asbestos/districts/northwest (nw)/mt/a2636/lbp xrf a2636.docx

^{**}ppm = parts per million





December 03, 2024 7:32:39AM

BRIDGE: A2636

Missouri Department of Transportation State Bridge Inspection Report

COUNTY: MERCER DISTRICT: NW CLASS: STATBR FED-ID: 2286

GENERAL STRUCTURE INFORMATION ***BRIDGE INSPECTION INFORMATION*** **ROUTE: RTEE** # **SPANS**: 3 PLACE CODE: 47108 MEDICINE **DATE:** 08/03/2023 **RESPONSIBILITY: DISTRICT** LANES ON: 2 FEATURE: W MEDICINE CK LENGTH: 194 FT 0 IN FREQUENCY: 24 **CALCULATED INTERVAL**: 24** LANES UNDER: 0 STATUS: A-OPEN MAXIMUM SPAN: 78 FT 0 IN **TEAM LEADER: BRYCE ACTON ELEMENT: NO LOG MILE:** 11.825 **COMPASS DIRECTION: WEST to EAST** APPROACH ROADWAY: 28 FT 0 IN **INSPECTOR 2: INSPECTOR 4: DETOUR:** 34.00 MILES **DIRECTION OF TRAFFIC: 2-WAY TRAF** CURB TO CURB: 28 FT 0 IN **INSPECTOR 3: OUT TO OUT: 30 FT 8 IN** NHS: NO **FUNCTIONAL CLASS: RL-MAJOR COLLECTOR** ** When calculated interval exceeds the frequency, a justification comment per BIRM is required. **BUILT:** 1971 **NBI OWNER: MODOT AADT:** 439 **GENERAL INSPECTION COMMENTS** REHAB: **NBI MAINTAINED: MODOT AADT YEAR: 2023** MAINTENANCE DISTRICT: NW LOCATION: S 28 T 64 R 22 W **AADT TRUCK: 10.3% LATITUDE:** 40 19 1.71 (DMS) **MAINTENANCE COUNTY: MERCER FUTURE AADT: 549 LONGITUDE:** 93 22 53.63 (DMS) SUB AREA: 7A21 **FUTURE AADT YEAR: 2043** ***INDEPTH INSPECTION INFORMATION*** ***FRACTURE CRITICAL INSPECTION INFORMATION*** DATE: RESPONSIBILITY: **CATEGORY: CATEGORY:** DATE: **RESPONSIBILITY: FREQUENCY: CALCULATED INTERVAL**: NBI**: **FREQUENCY: CALCULATED INTERVAL**: NBI**: **TEAM LEADER: INSPECTOR 3: METHOD: TEAM LEADER: INSPECTOR 3: METHOD: INSPECTOR 2: INSPECTOR 4: INSPECTOR 2: INSPECTOR 4:** ** When calculated interval exceeds the frequency, a justification comment per BIRM is required. ** When calculated interval exceeds the frequency, a justification comment per BIRM is required. FRACTURE CRITICAL INSPECTION COMMENTS **INDEPTH INSPECTION COMMENTS** ***SPECIAL INSPECTION INFORMATION*** ***UNDERWATER INSPECTION INFORMATION*** **DATE:** 08/15/2024 **CATEGORY:** CHANNEL CROSS SECT **CATEGORY: DRY RESPONSIBILITY: DISTRICT DATE:** 08/15/2024 **RESPONSIBILITY: DISTRICT** FREOUENCY: 60 NBI: NO FREOUENCY: 120 CALCULATED INTERVAL**: 122 **NBI:** NO CALCULATED INTERVAL**: 12 **TEAM LEADER: BRYCE ACTON** TEAM LEADER: BRYCE ACTON **INSPECTOR 3: METHOD:** WT TAPE, EMD **INSPECTOR 3: METHOD:** VISUAL **INSPECTOR 2: INSPECTOR 4: INSPECTOR 2: INSPECTOR 4:** * When calculated interval exceeds the frequency, a justification comment per BIRM is required. ** When calculated interval exceeds the frequency, a justification comment per BIRM is required. SPECIAL INSPECTION COMMENTS **UNDERWATER INSPECTION COMMENTS** OTHER SPECIAL INSPECTIONS OTHER UNDERWATER INSPECTIONS **FREQUENCY** DATE **CATEGORY NBI** CALCULATED INTERVAL RESPONSIBILITY **METHOD** DATE **FREQUENCY CATEGORY** NBI CALCULATED INTERVAL RESPONSIBILITY **METHOD** NO VISUAL 08/15/2024 12 **DECK** 12 DISTRICT

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Missouri Department of Transportation State Bridge Inspection Report

December 03, 2024 7:32:39AM

COUNTY: MERCER DISTRICT: NW CLASS: STATBR FED-ID: 2286 BRIDGE: A2636 ***STRUCTURE POSTING*** **APPROVED CATEGORY: S-1** NO POSTING REQUIRED **Ton 1: Ton 2: Ton 3: COMMENTS:** FIELD CATEGORY: S-1 NO POSTING REQUIRED **PROBLEM:** PROBLEM DIRECTION: **Ton 1: Ton 2: Ton 3: COMMENTS:** ***GENERAL COMMENTS/MAJOR RATED ITEMS*** GENERAL COMMENTS: (BOWDEJ1, 02/02/2010)--(58'-78'-58') CONT COMP WF GDR SPANS COMMENTS: (MENEET, 01/31/2012)--DELAMS [ITEM 58] DECK: 4-POOR CONDITION (STEPHS2, 08/22/2017)--SURFACE DELAMINATIONS **RATING:** 01/31/2012 (ACTONB1, 08/21/2023)--SATURATION & POTHOLES THROUGHOUT [ITEM 59] SUPER: 7-GOOD CONDITION COMMENTS: (ACTONB1, 08/21/2023)--PAINT PEELING THROUGHOUT W/FEW AREAS OF LIGHT RUST **RATING:** 05/18/2001 [ITEM 60] SUB: 7-GOOD CONDITION COMMENTS: (STEPHS2, 08/22/2017)--SPALLS FROM DRIFT DAMAGE **RATING:** 08/22/2017 COMMENTS: (BOWDEJ1, 10/18/2004)--CHANNEL DEEPENING & BANK ERODING [ITEM 61] BANK/CHANNEL: 6-WIDESPREAD MINOR DAMAGE (ACTONB1, 08/21/2023)--MODERATE BANK EROSION **RATING:** 05/18/2001 (ACTONB1, 08/19/2024)--LARGE WASHOUT UNDER BRIDGE [ITEM 113] SCOUR: 8-STABLE FOR CALCULATED COMMENTS: (ACTONB1, 08/21/2023)--NO SCOUR OBSERVED **RATING:** 05/18/2001 **EVALUATION TYPE:** [ITEM 71] WATERWAY ADEQUACY: DECK/APPRCH OVERTOP SLIGT **COMMENTS: RATING:** 05/18/2001 [ITEM 72] APPRRDWY ALIGNMENT: 8-VERYGOOD **COMMENTS: RATING:** 05/18/2001 ***RAILING AND APPROACH PAVEMENT COMPONENTS AND RATINGS*** [ITEM 36A] BRIDGE RAILING RATING: DOESN'T MEET CURRN'T STND-0 **RATING**: 02/22/2004 **COMMENTS: DIRECTION** MATERIAL **CONSTRUCTION COMMENTS** REINFORCED CONCRETE **PARAPET BOTH** REINFORCED CONCRETE **CURB BOTH ALUMINUM** CIRCULAR TUBE **BOTH** [ITEM 36B] TRANSITION RAILING RATING: NOT PROVIDED-0 **RATING:** 05/18/2001 **COMMENTS:**

[ITEM 36C] APPROACH RAILING RATING: NOT PROVIDED-0

COMMENTS:

RATING: 05/18/2001

MoDOT

Missouri Department of Transportation State Bridge Inspection Report

December 03, 2024 7:32:39AM

COUNTY: MERCER

DISTRICT: NW

CLASS: STATBR

FED-ID: 2286

BRIDGE: A2636

[ITEM 36D] RAIL END TREATMENT RATING: NOT PROVIDED-0 **RATING:** 05/18/2001 **COMMENTS:** APPROACH PAVEMENT: *Overall condition assigned for each approach pavemenet component is shown below. MATERIAL **CONSTRUCTION DIRECTION CONDITION* COMMENTS ASPHALT BITUMINOUS MAT BOTH FAIR** ***DRAINAGE, EXPANSION DEVICES, BANK/SLOPE, AND DECK PROTECTIVE COMPONENTS*** **DECK PROTECTIVE COMPONENTS: CONSTRUCTION OVERALL CONDITION** SERIES TYPE-# **COMPONENT MATERIAL THICKNESS** YEAR APPLIED MANUFACTURE MAIN SERIES-1 **WEARING SURFACE** NOTAPPLICABLE NONE **VERY POOR COMMENT: NONE DECK PROTECTION** *NOTAPPLICABLE* **COMMENT:** NONE **MEMBRANE** *NOTAPPLICABLE* **COMMENT: DRAINAGE COMPONENTS: COMPONENT MATERIAL CONSTRUCTION DIRECTION COMMENTS DRAINAGE** REINFORCED CONCRETE CURB OUTLET **EXPANSION DEVICE COMPONENTS: COMPONENT MATERIAL CONSTRUCTION OVERALL CONDITION SUB UNIT-#** SUB LABEL **GAP** YEAR APPLIED **MANUFACTURE COMMENT: BANK/SLOPE PROTECTION COMPONENTS: COMPONENT MATERIAL CONSTRUCTION DIRECTION COMMENTS** ROCK**BANK PROTECTION** RIP RAP WEST **SEVERITY CONDITION** LOCATION 1 LOCATION 2 **COMMENT ERODING THROUGHOUT MODERATE** (STEPHS2, 09/09/2021)--BOTH SIDES ***DECK COMPONENTS*** SPAN TYPE-# **COMPONENT MATERIAL CONSTRUCTION COMMENTS** MAIN SPANS-1 DECKREINFORCED CONCRETE CAST-IN-PLACE **CONDITION** LOCATION 1 LOCATION 2 **SEVERITY MEASUREMENT COMMENT** DELAMINATION RANDOM **MODERATE** 40 % MINOR DETERIORATION AT OUTLETS **MODERATE EFFLORESCENCE THROUGHOUT FULL DEPTH PATCHES** THROUGHOUT MANY **PATCHES** THROUGHOUT MANY POP-OUTS THROUGHOUT MANY THROUGHOUT **MINOR** SATURATION **SCALING** THROUGHOUT LIGHT (MENEET, 01/30/2014)--APPROX 400 SQFT DECK REPAIRS IN 2013 TRANSVERSE CRACKS THROUGHOUT MANY Design_No = a2636

Missouri Department of Transportation State Bridge Inspection Report

COUNTY: MERCER DISTRICT: NW CLASS: STATBR FED-ID: 2286 BRIDGE: A2636

U COUNTY:	MERCER	DISTRICT: NW	CLASS: STATBR		FED-ID: 2286	BRIDGE: A2030
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MAIN SPANS-2	DECK	REINFORCED CONCRE			ME AGUNEMENT	
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DELAMINATIO		RANDOM		MODERATE	40 %	
DETERIORATI		AT OUTLETS		MINOR		
EFFLORESCEN		THROUGHOUT		MODERATE		
FULL DEPTH PAT	CCHES	THROUGHOUT		MANY		
PATCHES		THROUGHOUT		MANY		
POP-OUTS		THROUGHOUT		MANY		
SATURATIO	N	THROUGHOUT		MODERATE		
SCALING		THROUGHOUT		LIGHT		
TRANSVERSE CR	RACKS	THROUGHOUT		MANY		(MENEET, 01/30/2014)APPROX 400 SQFT DECK REPAIRS IN 2013.
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MAIN SPANS-3	DECK	REINFORCED CONCRE			165 (61)5516516	
<u>CONDITION</u>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DELAMINATION	ON	THROUGHOUT		MODERATE	40 %	
DETERIORATI	ON	AT OUTLETS		MINOR		
EFFLORESCEN	NCE	THROUGHOUT		MODERATE		
FULL DEPTH PAT	CHES	THROUGHOUT		MANY		
PATCHES		THROUGHOUT		MANY		
POP-OUTS		THROUGHOUT		MANY		
SATURATIO1		THROUGHOUT		MODERATE	30 %	
SCALING	• •	THROUGHOUT		LIGHT	20 / 0	
TRANSVERSE CR	PACKS	THROUGHOUT		MANY		(MENEET, 01/30/2014)APPROX 400 SQFT DECK REPAIRS IN 2013.
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			***SUPERSTRU	CIURE COM	PUNENTS""	
SERIES TYPE-#	SPAN TYPE	<u>MATERIAL</u>	<u>CONSTRUCTIO</u>	<u>ON</u>	LABEL	<u>COMMENTS</u>
<u>SERIES TYPE-#</u> MAIN SERIES-1	<u>SPAN TYPE</u> CONTINUOUS SPAN			<u>ON</u>		<u>COMMENTS</u>
MAIN SERIES-1	CONTINUOUS SPAN	STEEL	<u>CONSTRUCTIO</u>	<u>ON</u>		<u>COMMENTS</u>
MAIN SERIES-I SPAN	CONTINUOUS SPAN COMPOSITE INDIC	STEEL CATOR LENGTH WEATH	<u>CONSTRUCTIO</u> WIDE FLANGE GIR VERING STEEL <u>COMMENTS</u>	<u>ON</u>		<u>COMMENTS</u>
MAIN SERIES-I SPAN MAIN SPANS-1	CONTINUOUS SPAN COMPOSITE INDIC	STEEL CATOR LENGTH WEATH 58 FT 0 IN	<u>CONSTRUCTIO</u> WIDE FLANGE GIR <u>VERING STEEL</u> <u>COMMENTS</u> NO	<u>ON</u> RDERS	<u>LABEL</u>	
MAIN SERIES-1 SPAN MAIN SPANS-1 CONDITION	CONTINUOUS SPAN COMPOSITE INDIC COMPOSITE	STEEL CATOR LENGTH WEATH 58 FT 0 IN LOCATION 1	<u>CONSTRUCTIO</u> WIDE FLANGE GIR VERING STEEL <u>COMMENTS</u>	<u>ON</u> RDERS <u>SEVERITY</u>		<u>COMMENTS</u> <u>COMMENT</u>
MAIN SERIES-I SPAN MAIN SPANS-1	CONTINUOUS SPAN COMPOSITE INDIC COMPOSITE	STEEL CATOR LENGTH WEATH 58 FT 0 IN	<u>CONSTRUCTIO</u> WIDE FLANGE GIR <u>VERING STEEL</u> <u>COMMENTS</u> NO	<u>ON</u> RDERS	<u>LABEL</u>	
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MAIN SERIES-1 SPAN MAIN SPANS-1 CONDITION PAINT PEELIN MAIN SPANS-2	CONTINUOUS SPAN COMPOSITE INDIC COMPOSITE G COMPOSITE	STEEL CATOR LENGTH WEATH 58 FT 0 IN LOCATION 1 BOTTOM FLANGE 78 FT 0 IN	CONSTRUCTION WIDE FLANGE GIRE VERING STEEL COMMENTS NO LOCATION 2 NO	<u>ON</u> RDERS <u>Severity</u> Medium	<u>LABEL</u>	
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MAIN SERIES-1 SPAN MAIN SPANS-1 CONDITION PAINT PEELIN MAIN SPANS-2 CONDITION	CONTINUOUS SPAN COMPOSITE INDIC COMPOSITE IG COMPOSITE	STEEL CATOR LENGTH WEATH 58 FT 0 IN LOCATION 1 BOTTOM FLANGE 78 FT 0 IN LOCATION 1	CONSTRUCTION WIDE FLANGE GIRE VERING STEEL COMMENTS NO LOCATION 2 NO	<u>ON</u> RDERS <u>SEVERITY</u> MEDIUM <u>SEVERITY</u>	<u>LABEL</u> <u>MEASUREMENT</u>	<u>COMMENT</u>
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MAIN SERIES-1 SPAN MAIN SPANS-1 CONDITION PAINT PEELIN MAIN SPANS-2 CONDITION PAINT PEELIN MAIN SPANS-3 CONDITION PAINT PEELIN SUBSTRUCTURE ABUTMENT-1 ASSOCIATED COM BEAM CAP	CONTINUOUS SPAN COMPOSITE INDIC COMPOSITE CONDITION CONDITION CONDITION	STEEL CATOR LENGTH WEATH 58 FT 0 IN LOCATION 1 BOTTOM FLANGE 78 FT 0 IN LOCATION 1 BOTTOM FLANGE 58 FT 0 IN LOCATION 1 BOTTOM FLANGE 78 FT 0 IN LOCATION 1 BOTTOM FLANGE 78 FT 0 IN LOCATION 1 BOTTOM FLANGE	CONSTRUCTION WIDE FLANGE GIR VERING STEEL COMMENTS NO LOCATION 2 NO LOCATION 2 ***SUBSTRUCTION INTEGRAL LOCATION 2 CONSTRUCTION CAST-IN-PLACE	SEVERITY MEDIUM SEVERITY MEDIUM SEVERITY MEDIUM SEVERITY MEDIUM TURE COMP LABEL	LABEL MEASUREMENT MEASUREMENT MEASUREMENT ONENTS*** COMMENTS EVERITY MEASUREMENT	COMMENT COMMENT COMMENT UREMENT COMMENT
MAIN SERIES-1 SPAN MAIN SPANS-1 CONDITION PAINT PEELIN MAIN SPANS-2 CONDITION PAINT PEELIN MAIN SPANS-3 CONDITION PAINT PEELIN SUBSTRUCTURE ABUTMENT-1 ASSOCIATED CON BEAM CAP	CONTINUOUS SPAN COMPOSITE INDIC COMPOSITE G COMPOSITE G COMPOSITE G SKEW 30 F CONDITION	STEEL CATOR LENGTH WEATH 58 FT 0 IN LOCATION 1 BOTTOM FLANGE 78 FT 0 IN LOCATION 1 BOTTOM FLANGE 58 FT 0 IN LOCATION 1 BOTTOM FLANGE 78 FT 0 IN LOCATION 1 BOTTOM FLANGE	CONSTRUCTION WIDE FLANGE GIR VERING STEEL COMMENTS NO LOCATION 2 NO LOCATION 2 ***SUBSTRUCTION INTEGRAL LOCATION 2 CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION	SEVERITY MEDIUM SEVERITY MEDIUM SEVERITY MEDIUM SEVERITY MEDIUM TURE COMP LABEL	LABEL MEASUREMENT MEASUREMENT MEASUREMENT ONENTS*** COMMENTS EVERITY MEASUREMENT	COMMENT COMMENT COMMENT
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December 03, 2024 7:32:39AM

Missouri Department of Transportation State Bridge Inspection Report

COUNT	Y: MERCER	DISTRICT: NW	CLASS: STATBR	FED-I	D: 2286	BRIDGE: A2636
TURNED BACK	WINGS	REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DIAPHRAGM		REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DI	AGONAL CRACKS	AT GIRDERS		FINE		
DELVE 4		A FEET HAN DERVISOR GER GOVERNER	MATTER COLUMN			
BENT-2		6 FT 11 IN REINFORCED CONCRETE	MULTIPLE COLUMN	CELEDITY	ME ACUDEMENT	COMMENT
ASSOCIATED C	<u>CONDITION</u>	<u>LOCATION 1</u>	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED C</u> BEAM CAP	<u>OMPONENT</u>	<u>MATERIAL</u> REINFORCED CONCRETE	<u>CONSTRUCTION</u> CAST-IN-PLACE			
BEAW CAP	CONDITION	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	COMMENT
COLUMN	CONDITION	REINFORCED CONCRETE	CAST-IN-PLACE	SEVERITI	MEASUREMENT	COMMENT
COLUMN	CONDITION	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	<u>COMMENT</u>
FOOTING	CONDITION	REINFORCED CONCRETE	CAST IN PLACE PILE	<u>SEVERITI</u>	MENISCREMENT	COMMENT
10011110	CONDITION	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	COMMENT
EXPANSION BE		STEEL	SLIDING FLAT PLATE	<u>BE, BRIT</u>	THE CHEMIET	COMMENT
EMAN SIGN BE	CONDITION	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	COMMENT
		<u>========</u>	==			<u></u>
BENT-3	20	6 FT 11 IN REINFORCED CONCRETE	MULTIPLE COLUMN			
22.11	CONDITION	LOCATION 1	LOCATION 2	SEVERITY	MEASUREMENT	COMMENT
ASSOCIATED C		MATERIAL	<u>CONSTRUCTION</u>			
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE			
	CONDITION	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	MEASUREMENT	<u>COMMENT</u>
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FOOTING		REINFORCED CONCRETE	CAST IN PLACE PILE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
EXPANSION BE		STEEL	SLIDING FLAT PLATE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
ABUTMENT-4		0 FT 9 IN REINFORCED CONCRETE	INTEGRAL			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED C</u>	<u>OMPONENT</u>	MATERIAL	CONSTRUCTION			
BEAM CAP	CONDITION	REINFORCED CONCRETE	CAST-IN-PLACE	CELEDIAN	ME ACUDEMENT	COMMENT
DII DIG	<u>CONDITION</u>	<u>LOCATION 1</u>	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
PILING	CONDITION	REINFORCED CONCRETE	CAST-IN-PLACE	CEVEDITY	ME ACUDEMENT	COMMENT
TUDNED DACK	<u>CONDITION</u>	<u>LOCATION 1</u>	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
TURNED BACK	WINGS <u>CONDITION</u>	REINFORCED CONCRETE <u>LOCATION 1</u>	CAST-IN-PLACE <u>LOCATION 2</u>	CEVEDITV	<u>MEASUREMENT</u>	<u>COMMENT</u>
DIAPHRAGM	CONDITION	REINFORCED CONCRETE	CAST-IN-PLACE	<u>SEVERITY</u>	WEASUREWENT	COMMENT
DIAFTRAGM	<u>CONDITION</u>	REINFORCED CONCRETE LOCATION 1	LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	COMMENT
וח	AGONAL CRACKS	AT GIRDERS	LUCATION 2	<u>SEVERITI</u> FINE	MEASUREMENT	COMMENT
Di	AGONAL CRACKS	AI UINDERS		TINE		
			LOVIED WINDED DOVIEDS OF E			

OVER/UNDER ROUTES CLEARANCE INFORMATION

<u>CLEARANCES OVER DECK</u>

**NOTE: Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance.

 VERTICAL CLEARANCE TYPE**
 VALUE
 DIRECTION
 DATE
 COMMENT

December 03, 2024 7:32:39AM

Missouri Department of Transportation State Bridge Inspection Report

COUNTY: MERCER

MODOT

DISTRICT: NW

CLASS: STATBR

FED-ID: 2286

BRIDGE: A2636

CLEARANCES UNDER BRIDGE **NOTE: Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance. RECORD # **ROUTE DIRECTION OF TRAFFIC** RIGHT LATERAL CLEARANCE LEFT LATERAL CLEARANCE **UR-ID** # LANES **VERTICAL CLEARANCE TYPE** VALUE DIRECTION DATE COMMENT** ***STRUCTURE PAINT INFORMATION*** **CONDITION: FAIR** STEEL TONS: 52 **RUST AMOUNT:** 6=1.0% OF SURFACE RUSTED **ORIGINAL PAINT CONTRACT REPAINT** DEPARTMENT REPAINT PAINT TYPE: **PAINT TYPE: MANUFACTURE: PAINT TYPE:** C SYSTEM NAME: NAME: **NAME:** INORGANIC ZINC/VINYL **SURFACE PREP: PAINT COLOR: PAINT COLOR: PAINT COLOR:** ALUMINUM **PAINT YEAR: PAINT YEAR:** PAINT YEAR: 1992 MILS: MILS: MILS: 8***REQUESTED WORK ITEMS*** **GENERAL WORK COMMENTS: LOCATION ITEM** RESPONSIBILITY **CATEGORY** PRIORITY DATE **WORK ITEM COMMENT** ***UTILITY ATTACHMENTS*** **UTILITY OWNER METHOD MEASUREMENT TYPE** UTILITY ATTACHMENT COMMENT **VALUE NUMBER**

YEAR

PROJECT#

MONTH LET

YEAR LET

ITEMS

PROGRAM NOTES INFORMATION

COMMENT



Missouri Department of Transportation State Bridge Inspection Report

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COUNTY: MERCER DISTRICT: NW CLASS: STATBR FED-ID: 2286 BRIDGE: A2636

COUNTY: MERC	LEK DISTRICT: NW	CLASS: STATBR	FED-ID: 2286	BRIDGE: A2636		
COMPU	TER GENERATED RATINGS AND	DEFICIENCY ITEMS		***ADVANCED S	SIGN INFORMATION*	**
NOTE: The items listed in this section are up	dated whenever computer edits are ran on a struc	ture after the inspection updates have been entered in to TMS	· SIGN #	SIGN TYPE	PROBLEM	PROBLEM DIRECTION
Rated Item	<u>Rating</u>	Rating Date	1			
[Item 67] Structure Evaluation Rating:	5-BETTER THAN MINIMUM	2/27/2003				
[Item 68] Deck Geometry Rating:	5-BETTER THAN MINIMUM	1/3/2017				
[Item 69] Underclearance:	N-NOT APPLICABLE	5/18/2001				
Sufficiency Rating:	72.6%	3/7/2024				
Deficiency:	STRUCTURAL	2/9/2012				
Funding Eligibility:	PARTIAL			***OUTFALL INSPI	ECTION INFORMATIO	N***
Estimated New Structure Length:	230 FT.					
Estimated Structure Cost:	\$906,964		# OUTFALLS:	INS	PECTOR:	
Estimated Total Project Cost:	\$1,360,445		STATUS:		DATE:	
Year of Cost Estimate:	2024		NOTES:			
generalized to use NBI items to come up with a	timates are computer generated using algorithims a new structure length and width to calculate a ne may vary significantly from these numbers once	w area which is taken times a representative cost per				



Missouri Department of Transportation State Bridge Inspection Report

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MERCER DISTRICT: NW CLASS: STATBR FED-ID: 2286 BRIDGE: A2636

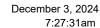
Design_No = a2636





Missouri Department of Transportation Bridge Inventory and Inspection System Structural Inventory & Appraisal Sheet

COUNTY: MERCER A2636 REVIEW STATUS: APPROVED T **BRIDGE:** NBI STATUS: 11/27/2024 2024 ROUTE CARRIED 'ON' STRUCT **RECORD TYPE: RUN DATE: SUBMITTAL YEAR:** GENERAL STRUCTURE INFORMATION ROUTE DESIGNATION INFORMATION ROUTE CARRIED 'ON' STRUCT State MISSOURI 5A Record Type MO District 5B NW Route Signing Prefix MAINLINE **MERCER** County 5C Designated Level of Service 0000E 2286 8 Federal ID No. 5D Route Number 1971 NOT APPLICABLE 27 5E Year Built Directional Suffix RT E E 106 0 7 Year Reconstructed Facility Carried NO HIGHWAY Type of Service On 12 Base Hwv. Network STATE HIGHWAY AGENCY 21 Structure Maintenance 13A LRS Inventory Route No. STATE HIGHWAY AGENCY 22 Structure Owner 13B Subroute No. 33 NO MEDIAN Toll Status ON FREE ROAD Br. Median Code 20 07-RURAL MAJOR COLLECTOR 37 Historical Significance NOT ELIGIBLE FOR NR OF HP 26 Functional Classification NONE EXISTS 101 28A Parallel Struc Desg Lanes on Structure NOT TEMPORARY Temporary Structure 103 RTE NOT A DEFENSE HWY 100 STRAHNET Designation NBIS Bridge Length YES NOT ON NHS National Highway System 104 NOT APPLICABLE 105 Federal Lands Highway 110 Designated Nat. Network STRUCTURE LOCATION INFORMATION STRUCTURE TRAFFIC INFORMATION 439 4 Place MEDICINE 29 AADT 47108 2023 Code 30 AADT Year 2-WAY TRAFFIC S 28 T 64 N R 22 W Location 102 Direction of Traffic 11 Milepoint 11.89 miles 10% 109 AADT Truck Percent 16 Latitude 40 D 19 M 2 S 549 114 Future AADT 17 Longitude 93 D 22 M 54 S 2043 115 Future AADT Year UNDERRECORD INFORMATION STRUCTURE GEOMETRIC INFORMATION 6 W MEDICINE CK 10 99 Ft. 99 In. Features Intersected Inventory Rte. Vert. Clear 42B WATERWAY 19 34.38 miles Type of Service Under By pass Detour Length 00 28B Lanes Under Structure 32 Approach Roadway Width 27 Ft. 11 In. N/A 0.00 Degrees 54A Vert. Clearance Ref. 34 Skew 54B Vert. Clearance 0 Ft. 0 In. 35 Struct. Flared Rt. Lat Clear Ref. N/A Total Horiz. Clear 27 Ft. 11 In. 55A 47 55B Rt. Lat Clearance 0 Ft. 0 In. 48 Maximum Span Length 78 Ft. 1 In. 193 Ft. 11 In. Left Lat Clearance 0 Ft. 0 In. 49 Structure Length PERMIT NOT REQ Navigation Control 50A 0 Ft. 0 In. Left Curb/Sidewalk Width Nav Vertical Clear 0 Ft. 0 In. 39 50B Right Curb/Sidewalk Width 0 Ft. 0 In. 27 Ft. 11 In. 0 Ft. 0 In. Curb to Curb Br. Width 40 Nav Horizontal Clear 51 30 Ft. 6 In. Nav. Pier Protection 52 Deck Width (Out-Out) 111 99 Ft. 99 In. Nav. Cl. Vert. Clear 53 Vert.Clearance Over Deck





Missouri Department of Transportation Bridge Inventory and Inspection System Structural Inventory & Appraisal Sheet

COUNTY: MERCER BRIDGE: A2636 REVIEW STATUS: APPROVED NBI STATUS: T

RECORD TYPE: ROUTE CARRIED 'ON' STRUCT RUN DATE: 11/27/2024 SUBMITTAL YEAR: 2024

RECORD TYPE: ROUTE CARRIED ON STRUCT	RUN DATE: 11/2/12024 SUBMITTAL TEAR: 2024
LOAD RATING AND POSTING INFORMATION	MATERIAL/CONSTRUCTION INFORMATION
Design Load	MATERIAL/CONSTRUCTION INFORMATION 43A Main Struc. Mat type STEEL CONTINUOUS 43B Main struc Constr. Type STRINGER/MULTIBEAM - GRD 45 # of Main Spans 3 44A Appr Struc. Mat type 000 44B Appr Struc. Cnstr. type 000 46 # of Approach Span 0 107 Deck Mat/Constr. 1 CONCRETE CIP 108A Wear Surf Mat/Constr. 0 NONE 108B Membrane Mat/Constr. 0 NONE 108C Deck Protect Mat/Constr. 0 NONE
Funding Eligibility PARTIAL	CONDITION RATING INFORMATION
75A Proposed Work REHAB-GENERAL DETERIORAT	58 Deck Cond. Rating 4
75B Work Done By Contract	59 Superstructure Cond. Rating 7
76 New Struc Length 229 Ft. 8 In.	60 Substructure Cond. Rating 7
94 Struc Improve Cost \$ 907,000	61 Channel /Channel Protection Cond. Rating 6
95 Roadway Improve Cost \$91,000	62 Culvert Cond. Rating N
96 Total Project Cost \$ 1,360,000	INCRECTION INCODMATION
97 Year of Cost Estimates 2024	INSPECTION INFORMATION
APPRAISAL RATING INFORMATION	90 Gen. Insp Date 8 / 23 91 Gen. Insp. Frequency 24 Months
36A Br. Rail App. Rating DOES NOT MEET ACCEPT STND	92A Frac. Critical Inspection N Months
36B Transition Rail App. Rating DOES NOT MEET ACCEPT STND	93A Frac. Critical Insp. Date
36C Approach Rail App. Rating DOES NOT MEET ACCEPT STND	92B Underwater Inspection N Months
36D Rail End Treat. App. Rating DOES NOT MEET ACCEPT STND	93B Underwater Insp. Date
67 Struc Eval App. Rating 5	92C Special Inspection N Months
68 Deck Geometry App. Rating 5	93C Special Inspection Date
Underclearance App. Rating N	BORDER BRIDGE INFORMATION
71 Waterway Adeq. App. Rating 6	98 Neighboring State Code
72 Approach Road App. Rating 8	98B Neighboring State % Respon
113 Scour Assess App. Rating 8	99 Neighboring State Struc. No.
APPROVED POSTING INFORMATION	FIELD POSTING INFORMATION
Approved Posting Category S-1	Field Posting Category S-1
	1 leid I Ostilig Category 5 1
Ton1 Ton2 Ton3	Ton1 Ton2 Ton3
Tonnage Values for Posting Sign	Tonnage Values for Posting Sign
General Text for Posting Sign	General Text for Posting Sign
NO POSTING REQUIRED	NO POSTING REQUIRED
,	

Design_No = a2636 and Inventory_Appraisal_Submittal_Year = 2024



STRUCTURAL REHABILITATION CHECKLIST

	Bridge No.:	A2636		Job No.:	NW0014	
	Route:	E		Over:	Medicine Creek	
	County:	Mercer		Date of Field Check:	10/25/2022	
		* * * Please includ	le photogra	phs for all items that a	pply. * * *	
1	VERLAY					
		ng overlay: □ None ☑	Asphalt □ I	.ow Slump ☐ Silica Fume[☐ Latex ☐ Epoxy☐ Other:	
	* Existing overl	ay thickness:"		* Year overlay was applie	d: Unknown	
	* % of overlay	repaired or patched:	<u>%</u>	* Replace overlay:	☐ Yes ☐ No	
	* Notes:					
Picture #	2 DSCN2445, D	SCN2446				
2A	ECV DED AIDS	(D. J. maria an autition		Dod Town on the bound	11612	
D	* Half-sole repa	(Deck repair quantities are req	sq. ft.	* Full depth repairs:		
		o the nearest 50 sq. ft.)	sq. 1t.	(round up to the n		
	_	repair (patching): the nearest 25 sq. ft.)	sq. ft.			
	* Slab edge rep	airs: outer 4" of the slab edge)	lin. ft.	* Superstructure rep (covers the remain	rair (Unformed): sq. ft	
	* Clean & epox (in lieu of ea	•	lin. ft.	* Cantilever replacer	ment:lin. f	t.
		hydro demolition of bridge de full depth and exist. deck repair q		equired)	ent (redeck) Yes No O	
		with voided tube replacement:		No	lacement: Yes V No O	
	(minimum o	f 10% of half-sole repair quantit _sq. ft.	(y)	* Full bridge replace (Deck repair quantities	ment: Yes Vo No O	
	* How were the	quantities obtained [Visual	☐ Bridge	e Inspection Report ☐ Sounde	ed 🗆 Other	
	* Notes: Sco	pe is to redeck the bridge.				
Picture	2 DSCN2446					

Spans	At Rtwn (mid)			Loc	cation	in S	pan	Dete	riorati	on		Describe
	At Panel Jt.	Btwn (mid) Panel Jt.	End		Mid		End	Туре		Amount		
	_ □						□ -			sq. fi		
	_ □									sq. fi		
	_ 🗆									sq. ft		
	_ 🗆									sq. fi		
	_ 🗆									sq. fi		
	_ 🗆									sq. fi		
	on may inclua	redeck the bri le water sature bserved at or r	ation, ef				_	_	-	-		tegration of panel orded.)
Deterioration	n may inclua Typically ol	le water satura	ation, ef				_	_	-	-		
Deterioration at joints, etc.	n may includ Typically ol	le water satura	ation, ef		ints. T		cation ar	_	`deterio	-	ild be reco	orded.)
Deterioration of the policy of	n may includ Typically of SLABS bridge appr	le water saturd bserved at or r	ation, ef near pan	nel joi	ints. 1	The lo	cation ar	* Type:	deterio	oration shou	Asphalt	Other
Deterioration at joints, etc. PROACH S Is there a	on may include Typically of SLABS bridge appr dwy, approa	le water sature bserved at or r	ation, ef near pan place? in place	e?	□ □	Yes Yes	cation an	* Type:	deterio	Concrete □	Asphalt	Other
PROACH S Is there a Is there ro	on may include Typically of SLABS bridge appr dwy. approach slab s rs needed to	de water sature bserved at or r oach slab in p	place? in place	ee?	u drivi	Yes Yes N/A	✓ No ☐ No ☐ Ye	* Type: * Type: * Type: No Yes	☐ (Concrete □	Asphalt	Other
PROACH S Is there a Is the app Are repai	on may include Typically of SLABS bridge appr dwy. approach slab s rs needed to a roadway it	de water sature deserved at or r oach slab in p ch pavement inking at the the bridge ap	place? in place end ber	ee? nt? slab	U drivi	Yes Yes N/A	✓ No ☐ No ☐ Ye urface? the Bridge	* Type: * Type: * Type: No Yes	□ (Concrete \(\square	Asphalt	Other Other

4
SLAB DRAINS
* Is the drainage system working adequately?
* Recommendations:
* Notes:
Picture DSCN2472
5 CURBS & RAILS

CURBS & RAILS
* Existing curb (left side): Safety Barrier Curb
Other Handrail Fence
* Does curb need repair Yes No * Curb repair lin. ft.
* Remove hand rail
* Existing curb (right side): Safety Barrier Curb
Other Handrail Fence
* Does curb need repair Yes No * Curb repairlin. ft.
* Remove hand rail ☐ Yes☐ No
* Existing median curb: Type: Width " Height "
* Does curb need repair Yes No * Curb repairlin. ft.
* Approach rail attachment: None Not attached 4 Hole 5 Hole Turn-down Other
* If the existing handrails will be removed, does the local maintenance supervisor wish to keep them? Yes No
Storage address: location:
address:
city: state: zip:
* Notes:
eture DSCN2472

Bent	Type	Reco	ommenda	tions	Gap Left	Gap Right	Temperature & Other Inf
1E		_ 🗆					
2							
3		[[ACI	# D	<u></u>	"	"	
4		USE-IN-PLACE	REPAIR	REPLACE	"		
					"	"	
* Notes: V	Vill be replaced wi	_					
,							
EARINGS Pont	Conting		Poo	ommondoti	ione	Notes (indicate	e which bearings at each bent
Bent	Coating			ommendati			Ü
<u>1E</u>	O AT	V			MAKEEND BENT SLIDING SLAB OMAKE END BENT INTEGRAL	Integral end	bent
2	GEAN & OVERCOGT BLAST CLEAN & REGGAT	CE					
3	OVER NN &	USE-IN-PLACE	REPAIR	CRESET REPLACE			
4		SE-IN				Integral end	bent
	CLE,						
	m 				MAK U		
* Notes:							
			SCN2459	, DSCN246	0, DSCN2461, I	DSCN2462, DSCN2	2478, DSCN2481, DSCN2482,
	STEM (PAINT)	System C			1	□ green ▽ gray	□ other
		,				_ 6 🖸 5.47	
* Date last	coated: 12/2	992	*	Is existing o	coating peeling?	Yes (Overcoat i	s not an option No
* Coating r	ecommendation:		V	Blast clean	& recoat all steel	☐ Clear	a & overcoat all steel
				Blast clean o	& recoat only at j		& recoat at joint locations and & overcoat all other steel
					test required for equest pull-off te		Sulfonate) option. Bridge

(Example	e Slab Superstructure e: Deck solid slabs, voi ders & prestressed gira	ided slabs, box girde		bearings)	Steel I-bear	n		
	Example: Beams, strin (Check all that apply		agms, c	ross-frames,	misc. steel)		Describe & Locate	
1	☐ Section	Loss 9	<u>6</u> 🗆	Cracks	in.			
2	☐ Section	Loss 9	<u>′</u> □	Cracks	in.			
3	☐ Section	Loss 9	<u>6</u> 🗆	Cracks	in.			
4	☐ Section	Loss 9	<u>6</u> 🗆	Cracks	in.			
Notes:	No issues noticed	1						
?								
2								
2	CTURE REPAIR Formed Repair	Unformed Repair		l Concrete am Cap Bts.	Coat Exposed I		Describe (Beam, Backwall, W	ing,
UBSTRU		Unformed Repair	Bea		•	Bts.	Describe (Beam, Backwall, W	ing,
UBSTRUG Bent	Formed Repair		Bea	ım Cap Bts.	. @ Int. Pile Cap	Bts.	Describe (Beam, Backwall, W	ing,
UBSTRUG Bent 1E	Formed Repair	sq. ft.	<u>Bea</u> □ Y □ Y	am Cap Bts. Yes □ No	@ Int. Pile Cap ☐ Yes ☐ No	Bts.	Describe (Beam, Backwall, W	ing,
UBSTRUG Bent 1E 2	sq. ft.	sq. ft.	<u>Bea</u> □ Y □ Y □ Y	mm Cap Bts. Yes □ No Yes □ No	. @ Int. Pile Cap ☐ Yes ☐ No ☐ Yes ☐ No	Bts.	Describe (Beam, Backwall, W	Ting,
UBSTRUG Bent 1E 2	sq. ft. sq. ft. sq. ft.	sq. ft. sq. ft. sq. ft.	Bea Y Y Y Y Y Y Y Y Y	m Cap Bts. ✓ es □ No ✓ es □ No ✓ es □ No		Bts.	Describe (Beam, Backwall, W	Ting,

SIG	NS, SIGN	NALS &/OR LIGHTING	JATTACII										
*	Are ther	e signs attached directly	y to this stru	cture?	☐ Yes	V	No	quantity		locat	ion		
*	Describe	e proposed work to be d	one to signs.										
*	Are ther	e signals attached direc	tly to this st	ructure?	☐ Yes	7	No	quantity		locat	ion		
*	Describe	e proposed work to be d	one to signa	ls.									
*	Is there	aviation lighting attach	ed to this str	ucture?		Yes	☑ N	[o 🗆	N/A [☐ Red		☐ Greer	1
*	Is there	navigational lighting at	tached to thi	is structur	re?	Yes	☑ N					☐ Green	
*	Is there	roadway lighting attach	ed to this st	ructure?		Yes	☑ N		N/A		qnty.		qnty.
*	Describe	e proposed work to be d	one to lighti	ng.									
*	Notes:												
ure													
ure		ATTACHED TO STRU	CTURE Qty.	Size		0	wner				Cond	ition	
ure UTI	LITIES A	Туре							□ Repa	int 🗆			☐ Remov
ure UTI	LITIES 2	Туре	Qty.								Repair [Replace	☐ Remov
UTI	LITIES A Conduit Conduit	Type ☐ Pipeline ☐ Other	Qty.	<u></u>				[☐ Repa	int 🗆	Repair [Replace	
UTI	Conduit Conduit Conduit	Type ☐ Pipeline ☐ Other ☐ Pipeline ☐ Other	Qty.	<u></u>				[☐ Repai	int 🗆	Repair [Repair [Repair [Replace Replace	☐ Remov
UTI	Conduit Conduit Conduit Conduit	Type Pipeline Other Pipeline Other Pipeline Other	Qty.					[☐ Repai	int 🗆	Repair [Repair [Repair [Replace Replace	☐ Remov

is there a cathodic system on this s	structure?	Yes 🗸 No	☐ Remove	☐ Do not alter ☐	Abandon in place (groove
* Is it on and working? Yes	□ No □	Unknown			
* Notes:					
e					
HANNEL ALIGNMENT, SLOPE PR		& SCOUR			
* Is channel aligned to bridge opening	ıg? ☑ Yes	☐ No Des	cribe		
* Is drift a continual problem?	☐ Yes	✓ No Desc	ribe & Locate		
* Is erosion a problem?	✓ Yes	☐ No Desc	ribe & Locate	Spill fill erosion	1
* Describe slope protection in place.					
* Scour At Footing At P	iling	Depth	Bent	Recor	nmendation
* Describe needed work. Need	ls rip rap adde	d to spill fills.			
	,				
					0. D.G.G.V. 100
e DSCN2468, DSCN2469, DSCN245	0, DSCN2451, l	DSCN2457, DS	CN2475, DSCN	2476, DSCN247	9, DSCN2480,
RAFFIC LANES					
	on structure	2	unde	r structure N/	4
* Number of lanes striped:	on structure	2	unde	r structure N/	4
	on structure	4 ft.	4 ft. unde	r structure	
* Number of lanes striped: * Shoulder width: □ None	on structure	4 ft.	4 ft. unde	r structure	
* Number of lanes striped:		4 ft.	4 ft. unde	r structure	(right)
* Number of lanes striped: * Shoulder width: □ None	on structure	2 4 ft. (left)	4 ft. under (right) under (right)	r structure (lefi	(right) (right)
* Number of lanes striped: * Shoulder width: □ None * Sidewalk widths:	on structure	2 4 ft. (left)	4 ft. under (right) under (right)	r structure	(right) (right)
* Number of lanes striped: * Shoulder width: □ None * Sidewalk widths:	on structure on structure	4 ft. (left)	4 ft. under (right) under unde	r structure	(right) (right)

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GENERAL AREA CONDITIONS
* Primary area: Commercial Industrial Residential Agricultural Military Other
* Posted speed limit on structure: N/A mph
* Posted load on structure: tons @ mph INA * Are both signs in place?
Single Unit: tons @ mph ☑ NA ☐ Yes ☐ No
Semi (tractor/trailer):tons @mph ② NA
* Do pedestrians and/or bicyclists regularly use this structure?
* Notes: No load posting observed.
Picture
#
* What work has been done to this structure that may not be reflected on existing bridge plans? Picture
#
10
ADDITIONAL FIELD NOTES Platence
Picture #

Traine Co	ontrol: Close structure	Stage construc	ction on structure Cross over tra	affic to ad	jacent st	ructure 🗵] Deto	ur
	Other option							
* Define pro	obable detour route.							
ERSONS ASS	SISTING WITH CHECKLIST							
								-2411
Name	Joyce Reynolds	Title	Project Manager	Ph.	(816) -387		
' <u>-</u>	Joyce Reynolds Shannon Kusilek		Project Manager District Design Engineer	_) -387		
Name		Title		Ph.	(816		-	2441
Name	Shannon Kusilek	Title	District Design Engineer	Ph. Ph.	(816) 387	-	2441
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Name Name	Shannon Kusilek	TitleTitle	District Design Engineer	Ph. Ph.	(816) 387	-	2441

The structural rehabilitation checklist indicates how the bridge is functioning and aging.

All deterioration should be noted, even if it is known that the work will not be completed under the proposed project.

Send NEW Structural Rehabilitation Checklist by email

District Bridge Engineer

To: "Bridge Survey Processor"

Name Bryce Acton

Cc: Structural Project Manager or Structural Resource Manager

Transportation Project Manager

12/2/2022

Date