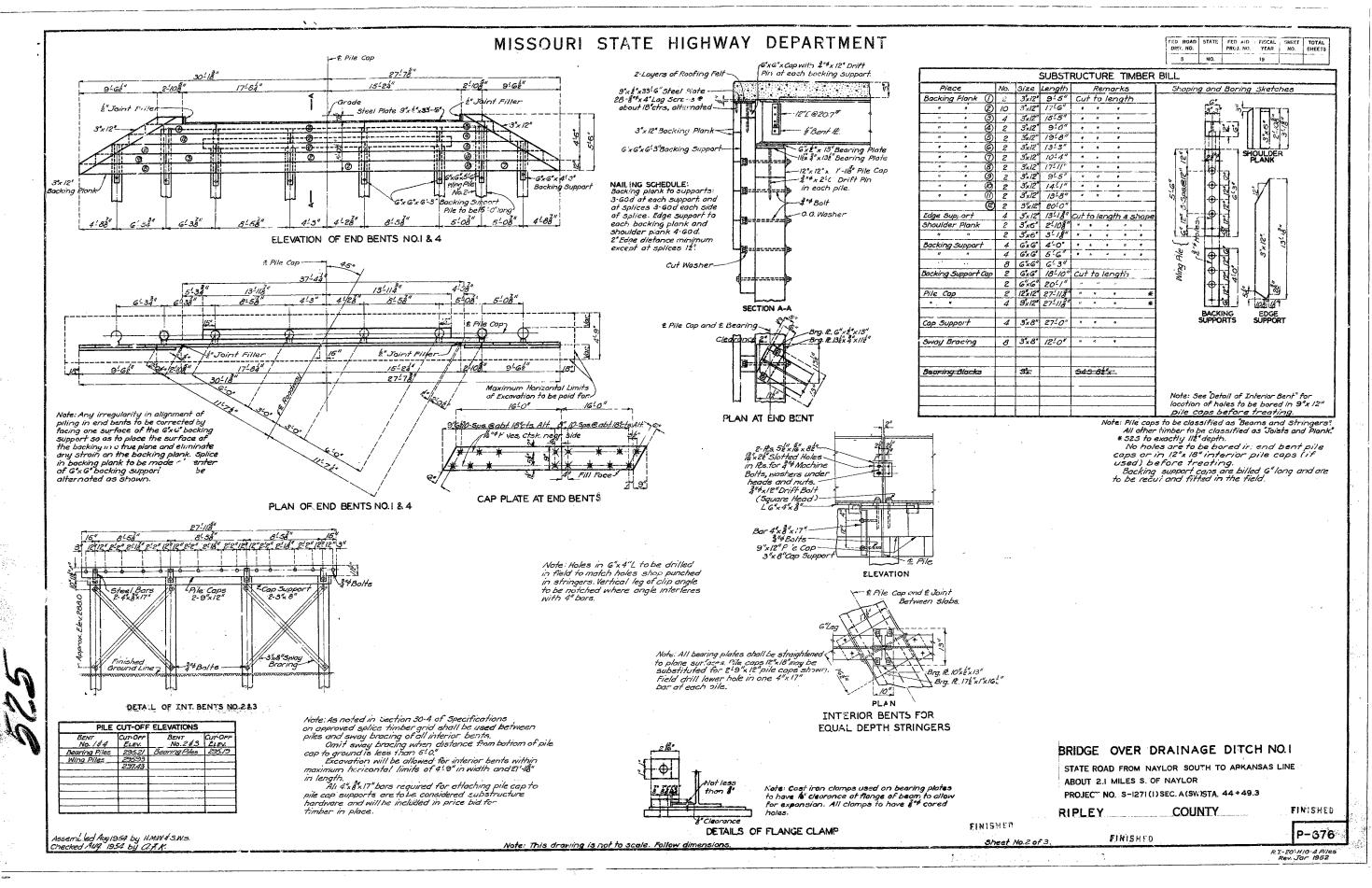
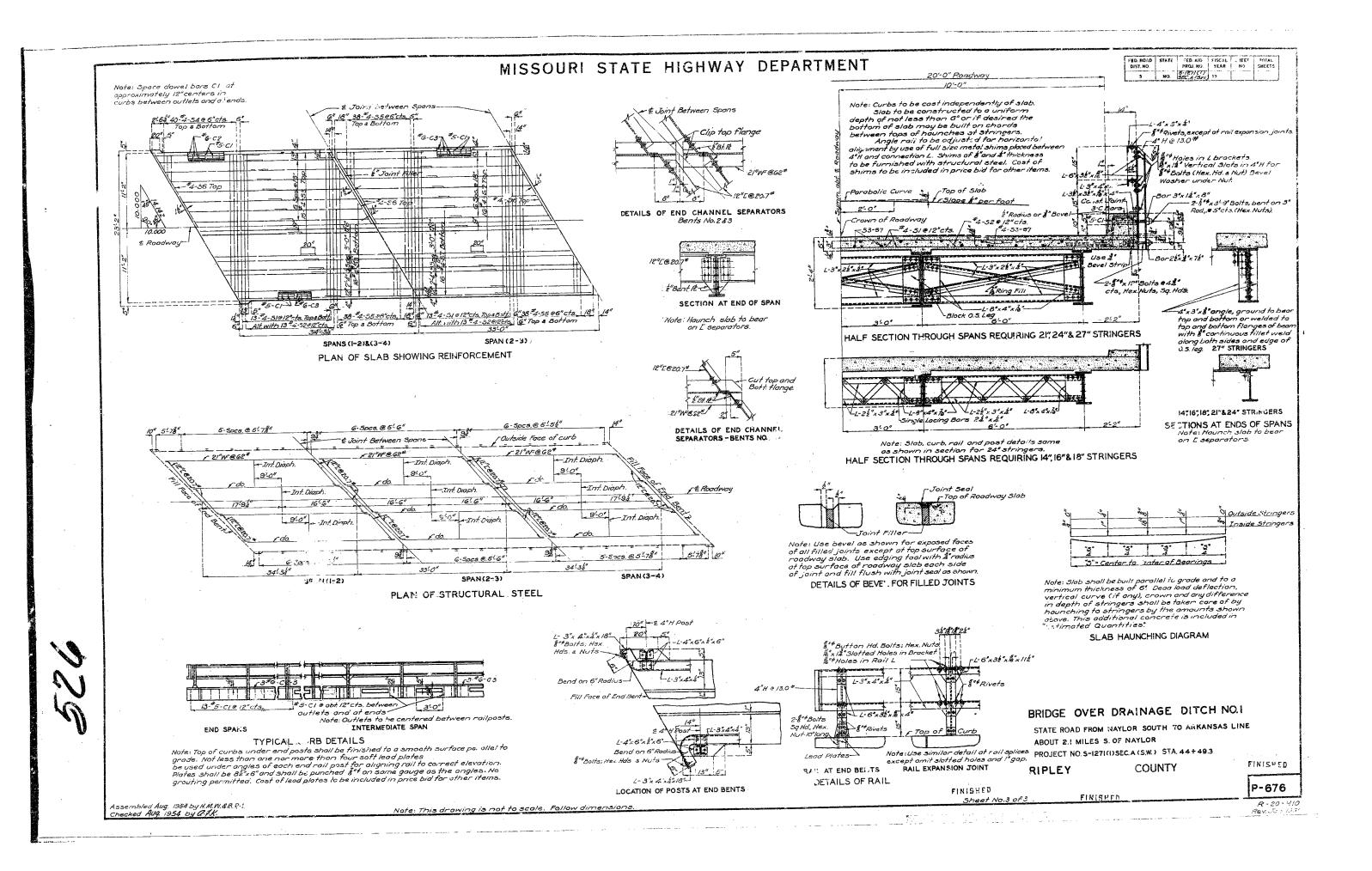
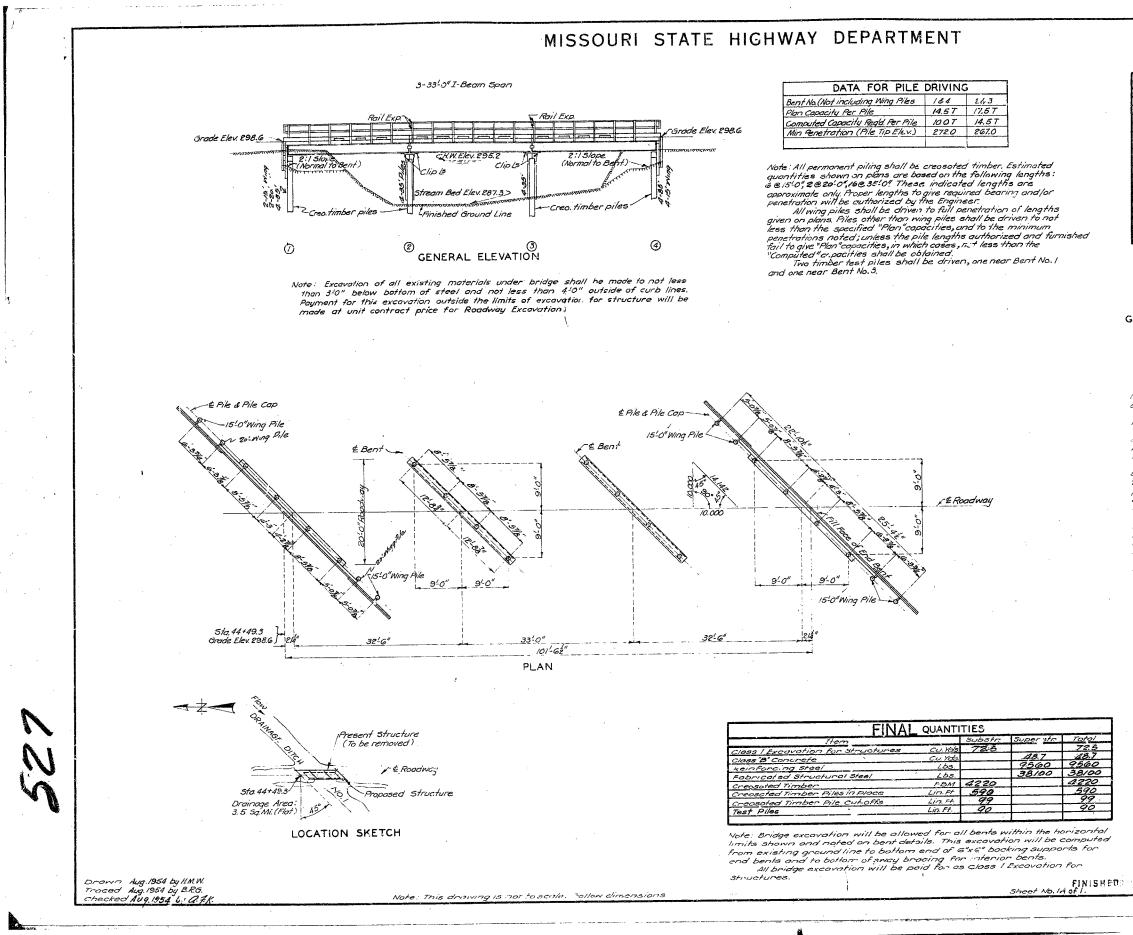


FED.         POAD         STATE         FED.         ND         FED.         FED.         FED.         ND         FED.         ND         FED.         ND         FED.         FED.         ND         FED.         ND         FED.         FED.         ND         FED.         ND         FED.         FED.         FED.         FED.						
BILL OF REINFORCING STEEL						
Ci     262-29"       #4     262-0"       #4     262-0"       #4     262-0"       #4     262-9"    <						
RAL NOTES: Design Specifications A.A.S.HO1953. Loading HIO-44 Class 18" Concrete stress 1000 <sup>#/d"</sup> ReinForcing Steel Stress 1000 <sup>#/d"</sup> Structural Steel Stress 1000 <sup>#/d"</sup> Creasated Timber Stress 1000 <sup>#/d"</sup> All concrete shall be class 18". All timber shall be creasated or J shall be 1600 <sup>#</sup> f glas Fir of the West Coast Region on either Longleof Wortleaf 1000 <sup>#</sup> f Southern Yellow Dine. All timber shall be stantard sown except as noted inber bill for pile cops. All timber ahall be cut to billed lengths and chopes shall be bored as shown before treating. All backing ok are billed 6"long and are to be recut and fitted the field. Rivets 2 <sup>*</sup> , holes 1 <sup>*</sup> / <sub>2</sub> " except in handrail where hivets I be § <sup>*</sup> , holes 1 <sup>*</sup> / <sub>2</sub> " except in handrail. Heads and the field. Rivets 2 <sup>*</sup> / <sub>2</sub> , holes 1 <sup>*</sup> / <sub>2</sub> " except for the 8 <sup>**</sup> ton head bolts specified for handrail. Heads and is and bilts operatione bolts except for the 8 <sup>**</sup> ton head bolts shall be American Standard Regular. Paint: Shor none; Field contact surfaces of bolted is consections one coat of red lead and surfaces coessible after erection three coats of rad lead. No ser paint to be copied by the Contractor. Reg lead required Notes bolts for Fobricated Structural Steel. Where joint filler is specified on plons it shall there with the requirements for Premoulded Material filler as given in Section 38-19A(i) hof the Standard Specifications.						
· · ·						
N. <sup>4</sup> 4 Elev. 295.46 N.I.S.W.R. 10 <sup>4</sup> Elm 100 <sup>1</sup> Rt. Sto.45+50.						
PRIDGE OVER DRAINAGE DITCH NO.I STATE ROAD FROM NAYLOR SOUTH TO ARKANSAS LINE ABOUT 2.1 MILES S. OF NAYLOR PROJECT NO. S-1271(1) SEC.A(SW.) STA.44+49.3 RIPLEY COUNTY						
SUBHITTED BY L. A. Williams, DATE 5/27/1954 BRIDGE ENGINEER 5/27/1954 APPROVED BY CREAT M. Whithout Date 5/27/1954	FIN15HEL STD.CHOR3	d Mars				
FINISHED	r-076	10				
Re	July 1952	1				

D







A FED ROAD STATE THU AND FISCAL DIST NO PROJ. NO YEAR SHEET FINAL PLANS BILL OF REINFORCING STEEL 9å 3-108" 28-44" 26-3" S4-S5 CI 6" 3-72 S5 CUT BEND AS SHOWN 1 E. " 3" 2' 0"3"3'6" 3" 2'102" 3'76" 23'16" 26'9" ड 40-54 CUT 80& BEND AS SHOWN 26'3" 55 " **S**2 31-0" SG 17-0" S7 39 GENERAL NOTES: Design Specifications A & S H.O. 1953, Loading HIO-44 Class 18" Concrete Stress 1000 #14" Reinforcing Steel Stress 18,000#/4" Structural Steel Stress 18,000#/7\* Crecsoted Timber Stress (500 #4" All concrete shall be closs "B". in timber bill for pile cops. All timber shall be cut to billed lengths and shapes plank are b. Ved G" lang, and are to be recut and fiftien" in the field. Rivets 2,4, Holes & fere except in handrail where rivets shall be 3,4, holes & fere except in handrail where rivets shall be 3,4, holes & fere except for the rivets, or if the Contractor desires to eliminate all field riveting on this project, he may use machine bolts except for the 3,4 button head bolts specified for handrail. Heads and nuts of machine bolts shall be American Standard Regular. Paint: Shop, none; Field, Contact surfaces of bolted in the section of the field and and the feeled. Paint: Shop, none; Field, contact surfaces of bolted field connections one coat of red lead and surfaces inaccessible often erection three coats of red lead. No other paint to be opplied by the Contractor. Red lead required shall be furnished by the Contractor. Reyment for cleaning and painting such surfaces will be included in unit price bid for Fobricated Structural Steel. Where joint filler is specified on plans it shall conform with the requirements for Premulded Material for filler as given in Section 38-19A(I)h of the Standard Specifications. B.M. \$4 Elev. 295.46 N.I.S.W.R. 10"Elm 100' Rt Sta. 45+50. BRIDGE OVER DRAINAGE DITCH NO.I STATE ROAD FROM NAYLOR SOUTH TO ARKANSAS LINE ABOUT 2.1 MILES S. OF NAVEOR PROJECT NO. S-1271(1) SEC.A(SW.) STA. 44+49.3 COUNTY RIPLEY FINISHED SUBMITTED BY J. a. Williams DATE 5/27/1954 BIDGE ENGINEER AFFROVED BY GEA M. Whittom Parts 5/27/1954 STD.C-10R3 P-676 FINISHED R & L.T. 20-1 Her. July 1952 FINAL PLANS

MODOT				Department of 7	-	
				Bridge Inspecti	-	
	COUNTY: RIPLEY	DISTRICT: SE		: STATBR	FED-ID: 7817	BRIDGE: P067
		***GENERAL STRUCTU				***BR
ROUTE:		# SPANS: 3			CODE: 72970 THOMAS	<b>DATE:</b> 01/26
FEATURE:	DICH NO I P-POSTLOAD	LANES ON: 2 LANES UNDER: 0			NGTH: 102 FT 0 IN [ SPAN: 32 FT 6 IN	FREQUENCY: 12
LOG MILE:		COMPASS DIRECTION: N		APPROACH ROAL		TEAM LEADER: ED H INSPECTOR 2:
<b>DETOUR:</b>		<b>DIRECTION OF TRAFFIC: 2</b>			<b>CURB:</b> 20 FT 0 IN	INSPECTOR 2: INSPECTOR 3:
NHS:	NO	FUNCTIONAL CLASS: F		OUT TO	<b>D OUT:</b> 23 FT 2 IN	** When calculated interv
BUILT:	1954	NBI OWNER: N			<b>AADT:</b> 270	G
REHAB:		NBI MAINTAINED: N			<b>YEAR:</b> 2021	
	S 14 T 22 R 4 E 36 33 1.70 (DMS)	MAINTENANCE DISTRICT: S MAINTENANCE COUNTY: F			RUCK: 5.3% AADT: 378	
	90 36 42.14 (DMS)	SUB AREA: 7		FUTURE AADT		
Longii ODL.	50 50 42.14 (DIMB)	SOD MILLA.	1112		1 LANC 2011	
	***FRACTURE CRI	TICAL INSPECTION INFO	RMATION***			***INDEPTH INSPECT
DATE:	RESPONS	SIBILITY:	CATEGORY:		DATE:	<b>RESPONSIBILITY:</b>
FREQUENCY:	CALCULATED INT		NBI:		FREQUENCY: C.	ALCULATED INTERVAL**:
TEAM LEADER:		ECTOR 3:	<b>METHOD:</b>		TEAM LEADER:	<b>INSPECTOR 3:</b>
<b>INSPECTOR 2:</b>	INSP	ECTOR 4:			<b>INSPECTOR 2:</b>	<b>INSPECTOR 4:</b>
** When calculated in	terval exceeds the frequency, a justi	fication comment per BIRM is require	ed.		** When calculated interval exceeds t	he frequency, a justification com
	FRACTURE C	RITICAL INSPECTION COM	MENTS			INDEPTH INSPEC
	***SPECIAL	INSPECTION INFORMATIO	ON***		*:	**UNDERWATER INSPE
<b>DATE:</b> 0'	7/23/2020 <b>RESPONS</b>	<b>IBILITY:</b> DISTRICT	CATEGORY: CHANN	NEL CROSS SEC	<b>DATE:</b> 01/26/2022	<b>RESPONSIBILITY:</b>
FREQUENCY: 7			NBI: NO			CALCULATED INTERVAL**:
TEAM LEADER: E		ECTOR 3:	METHOD: WT TA	PE	TEAM LEADER: ED HESS	<b>INSPECTOR 3:</b>
<b>INSPECTOR 2:</b>	INSPI	ECTOR 4:			<b>INSPECTOR 2:</b>	<b>INSPECTOR 4:</b>
** When calculated int	terval exceeds the frequency, a justif	ication comment per BIRM is require	ed.		** When calculated interval exceeds	the frequency, a justification con
	SPECIA	L INSPECTION COMMENTS	5			UNDERWATER INSP
	OTHE	D SDECIAL INSDECTIONS				OTHED UNDEDWA
		R SPECIAL INSPECTIONS				OTHER UNDERWA
DATE         FREQU           05/05/2017         99           06/28/2011         99	9 SCOUR ACTION PLAN	NBI CALCULATED INTERVAI NO NO	<u>RESPONSIBILITY</u> DISTRICT DISTRICT	<u>METHOD</u> VISUAL	<u>DATE FREQUENCY C</u>	<u>ATEGORY NBI CAL</u>
Design_No = P0676				Pa	nge 1	

December 21, 2022 10:13:30AM

676

#### **BRIDGE INSPECTION INFORMATION\*\*\* RESPONSIBILITY:** DISTRICT 26/2022 CALCULATED INTERVAL\*\*: 12 HESS ELEMENT: NO **INSPECTOR 4:**

erval exceeds the frequency, a justification comment per BIRM is required. GENERAL INSPECTION COMMENTS

TION INFORMATION\*\*\*

CATEGORY: NBI: **METHOD:** 

mment per BIRM is required.

ECTION COMMENTS

# PECTION INFORMATION\*\*\*

Y: DISTRICT \*\*: 12 3: 4:

**CATEGORY:** SHALLOW-WADE NBI: NO METHOD: PROBE

comment per BIRM is required.

**SPECTION COMMENTS** 

VATER INSPECTIONS ALCULATED INTERVAL RESPONSIBILITY

**METHOD** 

MODOT		Ν	-	t of Transportation		December 21, 2022 10:13:30AM
COUNTY: RIPLEY	Y DISTRICT: SE		State Bridge Ins CLASS: STATBR	FED-ID: 781	BRIDGE: P0676	
				CTURE POSTING***	DADGE. 10070	
APPROVED CATEGORY: S-7	TRUCKS OVER 17 TONS 15 MI	PH ON BRIDGE.	SIRC			
<b>Ton 1:</b> 17	<b>Ton 2:</b>		Ton 3:			
COMMENTS:						
FIELD CATEGORY: S-7	TRUCKS OVER 17 TONS 15 MI	PH ON BRIDGE.	<b>T</b>			
Ton 1: 17 COMMENTS:	<b>Ton 2:</b>		Ton 3:	PROBLEM:	PROBLEM DIRECTION:	
		ł	***GENERAL COMM	ENTS/MAJOR RATED ITEMS	***	
GENERAL COMMENTS: (BOWDEJ1, 08/	28/2008)(32'-32'-32') SMP WF GDR SPA	NS				
[ITEM 58] DECK: RATING :	6-SATISFACTORY CONDITION 07/07/2011	COMMENT	<b>TS:</b> (MARTEP, 07/07/2011)	MOD T CRACKING AND GENERAL	DETER	
[ITEM 59] SUPER:	5-FAIR CONDITION	COMMENT	<b>FS:</b> (DENNIB1, 01/19/2017)-	RUST LIFTING DECK AT JOINTS - N	ИОD	
RATING :						
	5-FAIR CONDITION	COMMENT	<b>S:</b> (MARTEP, 07/07/2011)	-ALL PILING WERE REPLACED - RA	ISING RATING (2011)	
RATING :	05/18/2001					
[ITEM 61] BANK/CHANNEL: RATING :		COMMENT	<b>FS:</b> (BLALOR1, 01/09/2013)	EROSION IN BOTH BANKS		
[ITEM 113] SCOUR:	8-STABLE FOR CALCULATED	COMMENT	<b>[S:</b>			
RATING :	05/18/2001					
EVALUATION TYPE :	CICNIELCANT DEL AV ADD CU	COMMENT	20.			
[ITEM 71] WATERWAY ADEQUACY: RATING :		COMMENT	5:			
[ITEM 72] APPRRDWY ALIGNMENT:	8-VERYGOOD	COMMENT	<b>TS:</b>			
RATING :	05/18/2001					
		***RAILINO	GAND APPROACH PA	VEMENT COMPONENTS AN	D RATINGS***	
	ING: DOESNT MEET CURRNT STND-0		<b>RATING:</b> 02/24/2004	COMMENTS:		
<u>MATERIAL</u> REINFORCED CONCRETE	<u>CONSTRUCTION</u> CURB	<u>DIRECTION</u> BOTH	<u>COMMENTS</u>			
STEEL	ANGLE-DOUBLE	BOTH				
[ITEM 36B] TRANSITION RAILING RAT	ING: NOT PROVIDED-0		<b>RATING:</b> 05/18/2001	COMMENTS:		
[ITEM 36C] APPROACH RAILING RAT	ING: NOT PROVIDED-0		<b>RATING :</b> 05/18/2001	COMMENTS:		
[ITEM 36D] RAIL END TREATMENT RAT	ING: NOT PROVIDED-0		<b>RATING:</b> 05/18/2001	COMMENTS:		
Design_No = P0676				Page 2		

December	21,	2022
10:1	3:3	0AM

MoDOT						i Department e Bridge Insp	-				
	COUNTY:	RIPLEY	DISTR	ICT: SE	CLAS	SS: STATBR		FED-II	<b>:</b> 7817	BR	IDGE: P067
AI	PPROACH PAV	EMENT: *Overall co	ondition assigned for	each approach paveme	enet component	is shown below.					
	PHALT		<u>STRUCTION</u> IINOUS MAT	<u>DIRECTION</u> BOTH	<u>C0</u>	<u>NDITION*</u> FAIR	<u>COMMENTS</u>				
			***]	DRAINAGE, EXP	ANSION DE	VICES, BANK	/SLOPE, AN	D DECK PI	ROTECTIVE	COMPONE	NTS***
<u>ECK PROTECTIVE</u> <u>SERIES TYPE-#</u>		<u>S:</u> <u>COMPONENT</u>		<u>MATERIAL</u>		CONSTRUCTION	J T	HICKNESS	<u>YEAR APPLII</u>	ED <u>MANUFA</u>	CTURF
MAIN SERIES-1		EARING SURFACE		ASPHALT	BIT	<i>CONSTRUCTION</i> <i>CUMINOUS SEAL C</i>	_	<u>IIICANESS</u>			CICKL
<u>COMM</u>	<u>ENT:</u>										
	DE	ECK PROTECTION	λ	OTAPPLICABLE		NONE					
COMM	ENT:										
		MEMBRANE	λ	OTAPPLICABLE		NONE					
<u>COMM</u>	ENT:										
RAINAGE COMPON	NENTS:										
		<u>COMPONENT</u>		<u>MATERIAL</u>		<b>CONSTRUCTION</b>	V	<u>DIRECTION</u>	<u>COMME</u>	<u>NTS</u>	
		DRAINAGE	REINI	FORCED CONCRETE		CURB OUTLET	-				
XPANSION DEVICE	E COMPONENT	TS:									
SUB UNIT-#	SUB LABE	<u>COMP</u>	ONENT		E <u>RIAL</u>		NSTRUCTION		<u>GAP</u>	YEAR APPLIED	MANUFA
BENT-2		CLOSED EXP.	ANSION JOINT	FE	ELT	F	LLED JOINT				
<u>COMM</u>	<u>ENI:</u>										
BENT-3		CLOSED EXP	ANSION JOINT	FE	ELT	F	LLED JOINT				
<u>COMM</u>	<u>ENT:</u>										
ANK/SLOPE PROTE	ECTION COMP	ONENTS:									
		<u>COMPONENT</u>		<u>MATERIAL</u>		<b>CONSTRUCTION</b>	V	<b>DIRECTION</b>	<u>COMME</u>	<u>NTS</u>	
	BA	NK PROTECTION		EARTH FILL		BERM		BOTH			
						***DECK	COMPONE	NTS***			
SPAN TYPE-	-	<u>COMPONENT</u>		<u>MATERIAL</u>		<b>CONSTRUCTION</b>	<u>CO</u>	<u>MMENTS</u>			
MAIN SPANS-	.] CONDITION	DECK	REINI LOCATION 1	FORCED CONCRETE	LOCATION 2	CAST-IN-PLACE	SEVERITY	<u>MEASURE</u>	MENT CON	MMENT	
	BOLTED		AT ABUTMENTS		LUCATION 2		<u>SEVENITI</u> ERIOR GIRDEI				
	SCALING		DRIVING SURFAC	Е			LIGHT				
TRA	ANSVERSE CR	ACKS	THROUGHOUT				MODERATE				
MAIN SPANS-	.2	DECK	REINI	FORCED CONCRETE		CAST-IN-PLACE					
	<u>CONDITION</u>	DICK	LOCATION 1	oncel concilie	LOCATION 2		<u>SEVERITY</u>	<u>MEASURE</u>	<u>EMENT CON</u>	<u>MMENT</u>	
	BOLTED		INTERMEDIATE B			XT	ERIOR GIRDE	Ŗ			
	SCALING	]	DRIVING SURFAC	E			LIGHT				
	SPALLS		OVERHANGS				FEW				

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OVERALL CONDITION FAIR

FACTURE

OVERALL CONDITION POOR

POOR

10DOT					-	ent of Transpo nspection Repo			
COUNTY:	RIPLEY	DI	STRICT: SE		SS: STATBR		FED-ID:	7817	BRIDGE: P0
TRANSVERSE CR		THROUGH		<u>Oli</u>		MODERATE			
MAIN SPANS-3	DECK		REINFORCED (	CONCRETE	CAST-IN-PLA	4CE			
CONDITION		LOCATIO.		LOCATION 2		<u>SEVERITY</u>	<u>MEASUREM</u>	<u>IENT COMMEN</u>	<u>T</u>
BOLTED		AT ABUTM				XTERIOR GIRDER	3		
SATURATIO	N	THROUGH DRIVING SU				MINOR LIGHT			
SCALING TRANSVERSE CR	ACKS	THROUGH				MODERATE			
SERIES TYPE-#	SPAN TYPE		MATER		SUPERSTR CONSTRUCT	RUCTURE COM TION	IPONENTS** LABEL	·* COMMENT	S
MAIN SERIES-1	SIMPLE SPAN	T	STEE		DE FLANGE G				
<u>SPAN</u>	<u>COMPOSITE IN</u>		<u>LENGTH</u>	WEATHERING STEEL	<u>COMMENTS</u>	<u>S</u>			
MAIN SPANS-1	NON-COMP		32 FT 6 IN	NO		<u> CEL/EDI/TV</u>	MEASUDEN	IENT COMMEN	
<u>CONDITION</u> DECK LIFTIN		<u>LOCATIO</u> TOP FLAN		LOCATION 2		<u>SEVERITY</u> MINOR	<u>MEASUREM</u>	<u>IENT</u> <u>COMMEN</u>	<u>1</u>
RUSTING	0	TOP FLAN				MODERATE			
MAIN SPANS-2	NON-COMP	OSITE	32 FT 6 IN	NO					
CONDITION		LOCATIO		LOCATION 2		SEVERITY	MEASUREM	IENT COMMEN	T
DECK LIFTIN		TOP FLAN				MINOR			_
RUSTING		TOP FLAN	IGE			MODERATE			
SECTION LOS	5	ENDS				MINOR			
MAIN SPANS-3	NON-COMP	OSITE	32 FT 6 IN	NO					
<u>CONDITION</u>		LOCATIO.		LOCATION 2		<u>SEVERITY</u>	<u>MEASUREM</u>	<u>IENT</u> <u>COMMEN</u>	<u>"T</u>
DECK LIFTIN	G	TOP FLAN				MINOR			
RUSTING SECTION LOS	S	TOP FLAN ENDS	IGE			MODERATE MINOR			
SUBSTRUCTURE	SKEW I	LENGTH	MATERIA		**SUBSTRU TRUCTION	UCTURE COMP	ONENTS*** COMMENTS		
		28 FT 0 IN	TIMBER		NTEGRAL		COMMENTS		
	CONDITION		LOCATION 1		LOCATION 2	<u></u>	<u>EVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
ASSOCIATED CON	<u>IPONENT</u>	<u>MATERI</u>	<u>4L</u>		<u>ONSTRUCTIO</u>	<u>N</u>			
BEAM CAP	CONDITION	TIMBER	IOCATION 1		EAM		VEDITV	MEASIIDEMENT	COMMENT
PILING	<u>CONDITION</u>	TIMBER	<u>LOCATION 1</u>		L <i>OCATION 2</i> THER	<u>SE</u>	<u>EVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	CONDITION	TIVIDEK	LOCATION 1		LOCATION 2	SE	EVERITY	MEASUREMENT	COMMENT
	ACE WITH H PILE		ALL	-			APPLICABLE		
STRAIGHT WINGS		TIMBER			ANKS				
	<u>CONDITION</u>		<u>LOCATION 1</u>		LOCATION 2	<u>SE</u>	<u>EVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
WING PILES	CONDITION	TIMBER	LOCATION 1		THER Location 2	CL	<u>EVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BACKWALL		TIMBER			ANKS	<u>5E</u>			
	CONDITION		LOCATION 1		LOCATION 2	SE	<u>EVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
•	SHOVING		ТОР	-			ODERATE		
FIXED BEARING	CONDITION	STEEL			AT PLATE				
			LOCATION 1		LOCATION 2	CL	EVERITY	MEASUREMENT	<u>COMMENT</u>

Page 4 This report contains information that is protected from disclosure by federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Section 610.021 RSMo. Please review MoDOT's policy and procedure manual on the Sunshine Act before releasing any of the information contained herein.

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SOLTED TO GIRDERS

DOT			Missouri Departmer	-		
			State Bridge Ins	spection Report		
	UNTY: RIPLEY	DISTRICT: S	E CLASS: STATBR	FED-ID	: 7817	BRIDGE: P0
	RUSTING	THROUGHO	JT	MINOR		
BENT-2	RA-45 DEGREES	28 FT 0 IN TIMBE				
	<u>CONDITION</u>	<u>LOCATION</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	<u>TED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CA	AP CONDITION	TIMBER <i>LOCATION</i>	BEAM 1 LOCATION 2	<b>GEVEDITV</b>	MEACUDEMENT	COMMENT
	SPLITTING	THROUGHO		<u>SEVERITY</u> MINOR	<u>MEASUREMENT</u>	<u>COMMENT</u>
PILING	SPLITTING	TIMBER	OTHER	MINOR		
	<b>CONDITION</b>	LOCATION		<u>SEVERITY</u>	MEASUREMENT	COMMENT
	REPLACE WITH H PI			NOT APPLICABLE		<u> </u>
CROSS B		STEEL	ANGLE			
	<u>CONDITION</u>	<u>LOCATION</u>	<u>1</u> <u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BENT-3	RA-45 DEGREES	28 FT 0 IN TIMBE	R PILE CAP			
	<u>CONDITION</u>	<u>LOCATION</u>	<u>1</u> <u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	TED COMPONENT	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CA		TIMBER	BEAM	~~···		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	<u>CONDITION</u>	LOCATION		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	SPLITTING	THROUGHO		MINOR		
PILING	CONDITION	TIMBER <u>LOCATION</u>	OTHER 1 LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	COMMENT
	REPLACE WITH H PI		<u>LOCATION 2</u>	NOT APPLICABLE	MEASUKEMENT	COMMENT
CROSS B		STEEL	ANGLE	NOT AFFLICABLE		
CROBB D	<u>CONDITION</u>	LOCATION		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BUTMENT-4	RA-45 DEGREES	28 FT 0 IN TIMBE				
	<u>CONDITION</u>	<u>LOCATION</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	<u>TED COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CA		TIMBER	BEAM		MEAGUDEMENT	COMMENT
	CONDITION	LOCATION		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
PILING	SPLITTING	THROUGHO TIMBER	OTHER	MINOR		
TILING	<u>CONDITION</u>	LOCATION		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	REPLACE WITH H PI			NOT APPLICABLE	MERISCRENTENT	COMMENT
STRAIGH		TIMBER	PLANKS			
	<b>CONDITION</b>	LOCATION		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	DECAYING	ТОР		MINOR		
WING PII	LES	TIMBER	OTHER			
	<u>CONDITION</u>	<u>LOCATION</u>	<u>1</u> <u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BACKWA		TIMBER	PLANKS			
	<u>CONDITION</u>	<u>LOCATION</u>	<u>1</u> <u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	SHOVING	ТОР		MODERATE		
FIXED BI		STEEL	FLAT PLATE		MEACHDEMENT	COMMENT
	<u>CONDITION</u>	LOCATION TUDOLICIO		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	RUSTING	THROUGHO	1	MINOR		

Design\_No = P0676

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#### December 21, 2022 10:13:30AM

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MoDOT					Missouri Depa State Bridg	rtment of Tra ge Inspection	-	n	
COUN	NTY: RIPLEY		DISTRICT: S	E	CLASS: STA	-	-	E <b>D-ID: 7817</b>	BRIDGE: P(
<u>CLEARANCES OVER DECK</u> <u>VERTICAL CLEARAN</u>		**NOTE: Vertical o <u>VALUE</u>	clearances for permitting put DIRECTION	rposes are taken as <u>DATE</u>	2 inches less than the actual fie <u>COMMENT</u>	eld measured clearance.			
<u>CLEARANCES UNDER BRID</u> <u>RECORD #</u>	<u>GE</u> ROUTE	**NOTE: Vertical of <u># LANES</u>	clearances for permitting put DIRECTION OF		2 inches less than the actual fie RIGHT LATERAL		LEFT LA	TERAL CLEARANCE	UR
VERTICAL CLEARAN	CE TYPE**	VALUE	<b>DIRECTION</b>	<u>DATE</u>	<u>COMMENT</u>				
					***STRUC	TURE PAINT I	NFORMA	<b>[ION***</b>	
CONDITION:	GOOD	RUS	<b>TAMOUNT :</b> 8=.1%	6 OF SURFAC		STEEL TON			
<u>OR</u>	IGINAL PAINT			<u>CONTR</u>	ACT REPAINT				DEPARTME
PAINT TYP			Р	AINT TYPE :			PAI	NT TYPE : C SYSTEM	
NAMI PAINT COLOI			PAI	NAME : NT COLOR :			PAIN	NAME : INORGANIC ZI T COLOR : GREEN	NC/VINYL
PAINT YEAI MIL	<b>R</b> : 1954			AINT YEAR : MILS :				<b>NT YEAR :</b> 1982 <b>MILS :</b> 6	
					***RE	COUESTED WO	ORK ITEMS	S***	
GENERAL WORK COMN RESPONSIBILITY	IENTS: <i>LOCATIO</i>		ITEM		CATEGORY	PRIORITY	DATE	WORK ITEM COMMENT	
KESPONSIDILIII	LOCATIO	1♥	II EM		CATEGORI	<i>FRIORITI</i>	DAIL	WORK ITEM COMMENT	
UTILITY	OWNE	R	METHOD	MF	ASUREMENT TYPE	<u>TILITY ATTAC</u> <i>value</i>	<u>HMEN I S<sup>*</sup>. NUM</u>		MENT COMMENT
Undiff	<b>U</b> MAL		ML IIIOD	1 <b>11 E</b> .	ISOREMENT TILE	VALUE			
					***PROG	RAM NOTES II	NFORMAT	ION***	
Design_No = P0676									
			1 1 6 1 11 22 16	NG G (* 400 1		Page 6	(10.021 DOM		

#### December 21, 2022 10:13:30AM

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# -ID

# NT REPAINT

MANUFACTURE : SURFACE PREP :

MODOT		Missouri Department of Transp State Bridge Inspection Rep		
COUNTY: RII	PLEY DISTRICT	: SE CLASS: STATBR	FED-ID: 7817	BRIDGE: P067
YEAR 2025PROJECT # 9S3817MONT	TH LETYEAR LETITEMS02025REPLACE BRID	DGE	<u>COMMENT</u>	
***CON	IPUTER GENERATED RATINGS	SAND DEFICIENCY ITEMS***		***ADVANCED
NOTE: The items listed in this section an	re updated whenever computer edits are ran o	on a structure after the inspection updates have been entered in to TM	IS. SIGN #	SIGN TYPE
<b>Rated Item</b>	Rating	Rating Date	1	C - IDHW
[Item 67] Structure Evaluation Rating:	4-MEETS MINIMUM TOLERABLI	E 11/15/2011		
[Item 68] Deck Geometry Rating:	4-MEETS MINIMUM TOLERABL	E 2/8/2017		
[Item 69] Underclearance:	N-NOT APPLICABLE	5/18/2001		
Sufficiency Rating:	31.9%	3/8/2022		
Deficiency:	NOT DEFICIENT	2/8/2017		
Funding Eligibility:				<b>***OUTFALL INS</b>
Estimated New Structure Length:				
Estimated Structure Cost:			# OUTFALLS:	П
<b>Estimated Total Project Cost:</b>			STATUS:	
Year of Cost Estimate:			NOTES:	
generalized to use NBI items to come up w		gorithims in the TMS system. These algorthims are alate a new area which is taken times a representative cost per ers once site specific engineering is done.		

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# ED SIGN INFORMATION\*\*\* PROBLEM

**PROBLEM DIRECTION** 

SPECTION INFORMATION\*\*\*

**INSPECTOR:** DATE:

MODOT	-		Missouri Department of T	ransportation	
	1		State Bridge Inspectio	on Report	
	<b>COUNTY: RIPLEY</b>	DISTRICT: SE	CLASS: STATBR	FED-ID: 7817	BRIDGE: P06'

#### December 21, 2022 10:13:30AM

0676



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

COUNTY: RIPLEY RECORD TYPE : ROU	BRIDGE : P0676 ITE CARRIED 'ON' STRUCT	REVIEW STATUS :APPROVEDNBI STATUS :TRUN DATE :9/1/2022SUBMITTAL YEAR :20	022
	STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION	
1 State	MISSOURI	5A Record Type ROUTE CARRIED 'ON' STRUCT	
2 District	SE	5B Route Signing Prefix MO	
3 County	RIPLEY	5C Designated Level of Service MAINLINE	
8 Federal ID No.	7817 1954	5D     Route Number     0000W       5E     Directional Suffer     NOT APPLICABLE	
27 Year Built			
106 Year Reconstructed	0	7 Facility Carried RT W S	
42A Type of Service On	HIGHWAY	12 Base Hwy. Network	
21 Structure Maintenance	STATE HIGHWAY AGENCY	13A LRS Inventory Route No.	
22 Structure Owner	STATE HIGHWAY AGENCY	13B Subroute No.	
33 Br. Median Code	NO MEDIAN	20 Toll Status ON FREE ROAD	
37 Historical Significance	NOT ELIGIBLE FOR NR OF HP	26 Functional Classification 07-RURAL MAJOR COLLECTOR	
101 Parallel Struc Desg	NONE EXISTS	28A   Lanes on Structure   02	
103 Temporary Structure	NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY	
112 NBIS Bridge Length	YES	104 National Highway System NOT ON NHS	
		105 Federal Lands Highway NOT APPLICABLE	
		110 Designated Nat. Network NO	
STRUCTUR	E LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION	
4 Place	THOMAS	29 AADT 270	
Code	72970	30 AADT Year 2021	
9 Location	S 14 T 22 N R 4 E	102   Direction of Traffic   2-WAY TRAFFIC	
11 Milepoint	0.91 miles	109 AADT Truck Percent 5%	
16 Latitude	36 D 33 M 2 S	114 Future AADT 378	
17 Longitude	90 D 36 M 42 S	115   Future AADT Year   2041	
UNDER	RECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION	
6 Features Intersected	DTCH NO 1	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.	
42B Type of Service Under	WATERWAY	19 By pass Detour Length 124.38 miles	
28B Lanes Under Structure	00	32 Approach Roadway Width 18 Ft. 1 In.	
54A Vert. Clearance Ref.	N/A	34 Skew 45.00 Degrees	
54B Vert. Clearance	0 Ft. 0 In.	35 Struct. Flared NO	
55A Rt. Lat Clear Ref.	N/A	47 Total Horiz. Clear 20 Ft. 0 In.	
55B Rt. Lat Clearance	0 Ft. 0 In.	48 Maximum Span Length 32 Ft. 6 In.	
56 Left Lat Clearance	0 Ft. 0 In.	49 Structure Length 102 Ft. 0 In.	
38 Navigation Control	PERMIT NOT REQ	50A Left Curb/Sidewalk Width 0 Ft. 0 In.	
39 Nav Vertical Clear	0 Ft. 0 In.	50B Right Curb/Sidewalk Width 0 Ft. 0 In.	
40 Nav Horizontal Clear	0 Ft. 0 In.	51 Curb to Curb Br. Width 20 Ft. 0 In.	
111 Nav. Pier Protection		52 Deck Width (Out-Out) 23 Ft. 4 In.	
116 Nav. Cl. Vert. Clear		53Vert.Clearance Over Deck99 Ft. 99 In.	

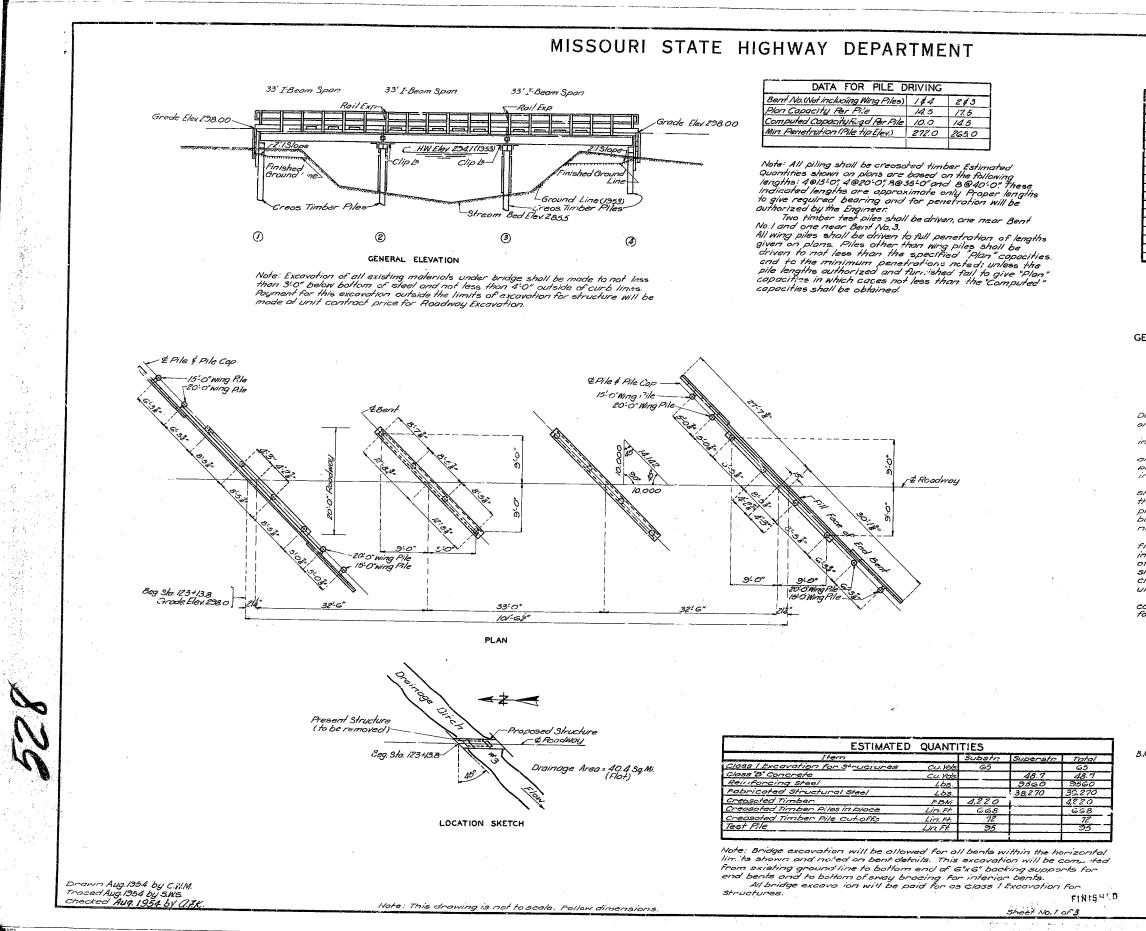
Design\_No = P0676 and Inventory\_Appraisal\_Submittal\_Year = 2022

Page: 1

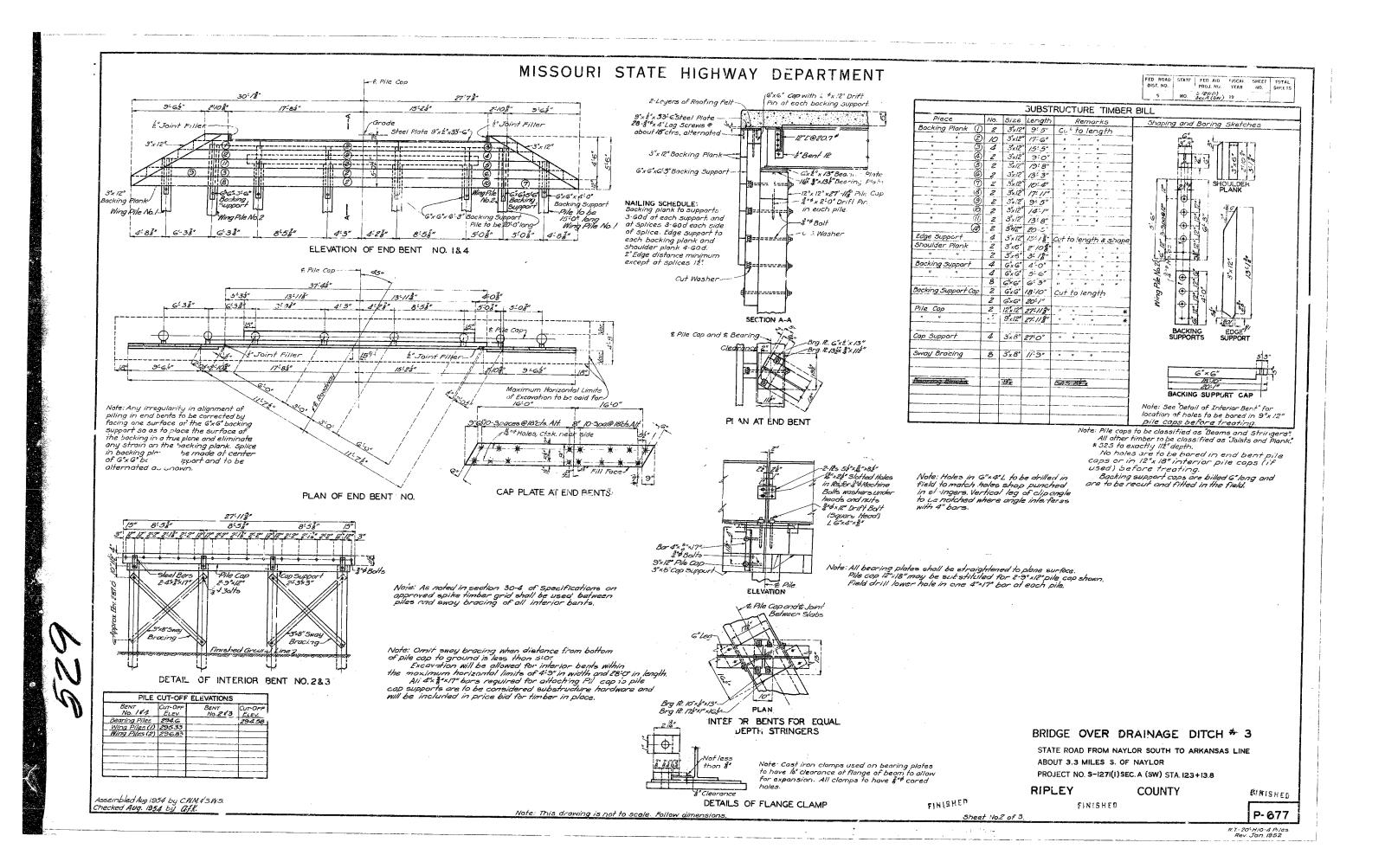


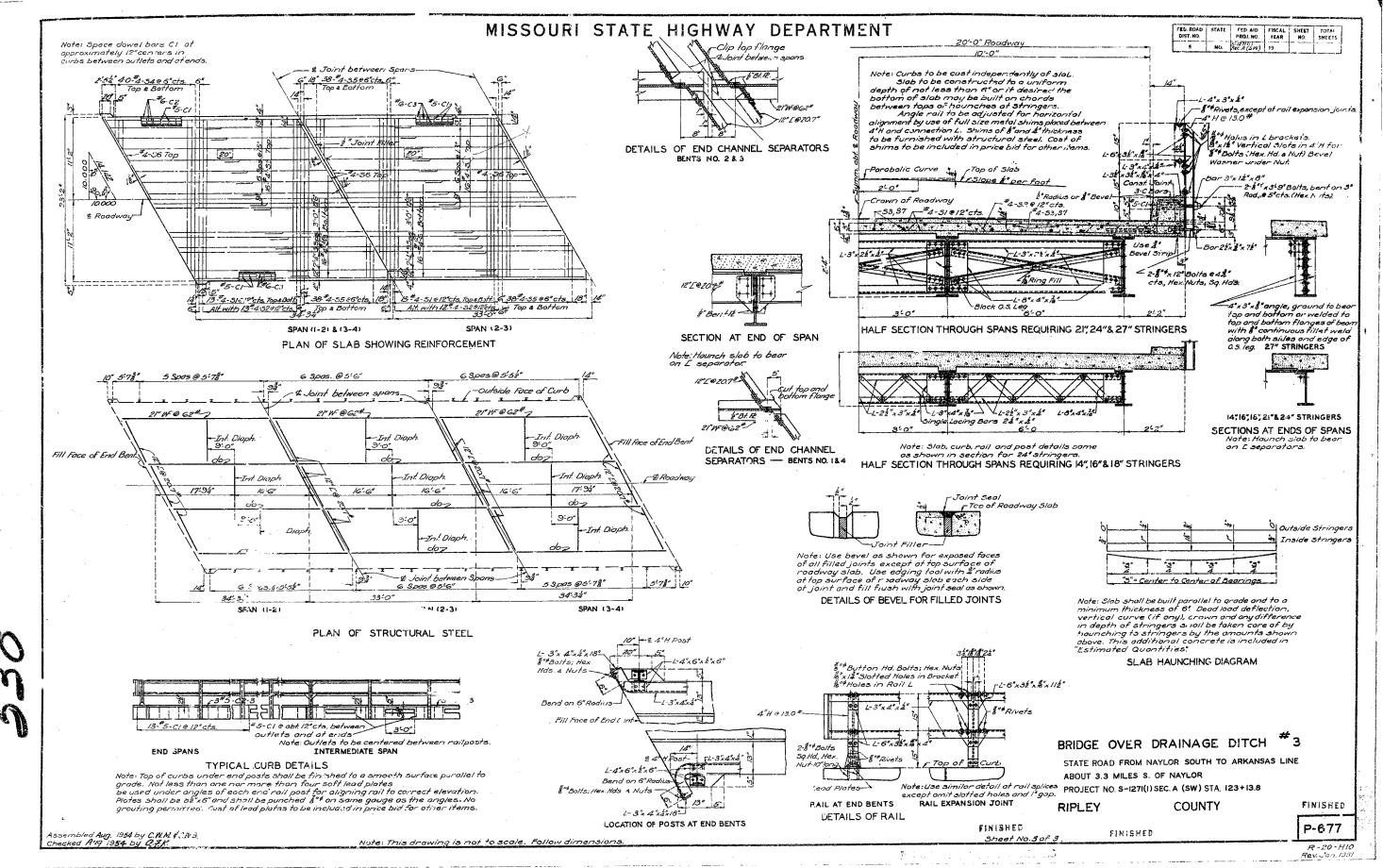
#### Missouri Department of Transportation Bridge Inventory and Inspection System Structural Inventory & Appraisal Sheet

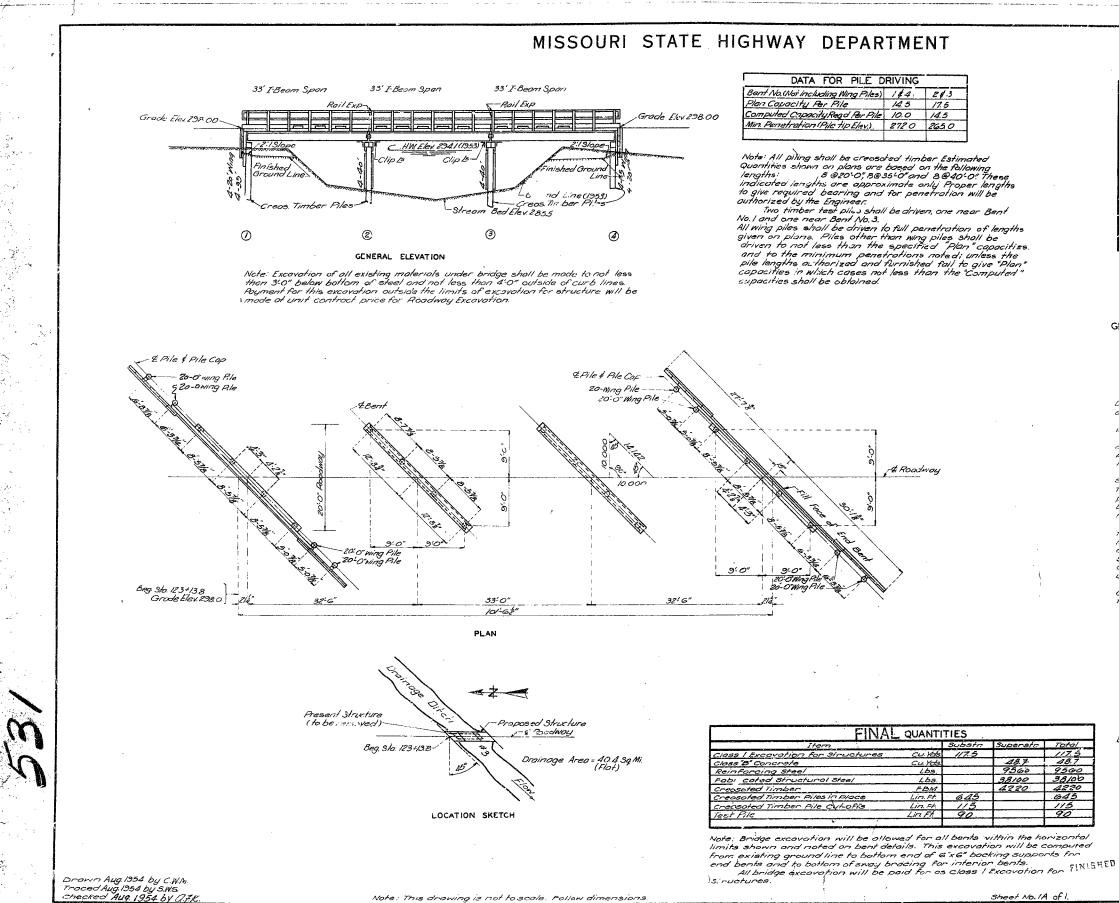
COUNTY:     RIPLEY     BRIDGE:     P0676       RECORD TYPE:     ROUTE CARRIED 'ON' STRUCT	REVIEW STATUS :APPROVEDNBI STATUS :TRUN DATE :9/1/2022SUBMITTAL YEAR :2022
LOAD RATING AND POSTING INFORMATION	MATERIAL/CONSTRUCTION INFORMATION
31Design LoadH 1041Structure StatusPOSTED FOR LOAD63Oper. Rating Meth.ALLOWABLE STRESS64Operating Rating25 Tons.65Inventory Rating MethALLOWABLE STRESS66Inventory Rating14 Tons.70Bridge Posting Code20.0-29.9% BELOW	43AMain Struc. Mat typeSTEEL43BMain struc Constr. TypeSTRINGER/MULTIBEAM - GRD45# of Main Spans344AAppr Struc. Mat type00044BAppr Struc. Cnstr. type00046# of Approach Span0107Deck Mat/Constr.1 CONCRETE CIP108AWear Surf Mat/Constr.6 BITUMINOUS
PROPOSED IMPROVEMENT INFORMATION	108B Membrane Mat/Constr. 0 NONE
Sufficiency Rating     31.9     Percent       Deficiency Rating     NOT DEFICIENT	108C     Deck Protect Mat/Constr.     0 NONE       CONDITION RATING INFORMATION
Funding Eligibility 75A Proposed Work	
75B Work Done By	58     Deck Cond. Rating     6       59     Superstructure Cond. Rating     5
76 New Struc Length 0 Ft. 0 In.	60   Substructure Cond. Rating   5
94 Struc Improve Cost \$ 0,000	61 Channel /Channel Protection Cond. Rating 5
95 Roadway Improve Cost \$ 0,000	62 Culvert Cond. Rating N
96 Total Project Cost \$ 0,000 97 Year of Cost Estimates 0	INSPECTION INFORMATION
97 Year of Cost Estimates 0	90 Gen. Insp Date 1/22
APPRAISAL RATING INFORMATION	91 Gen. Insp. Frequency 12 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           VD         DOES NOT MEET ACCEPT STND	92B Underwater Inspection N Months
36D       Rail End Treat. App. Rating       DOES NOT MEET ACCEPT STND         67       Struc Eval App. Rating       4	93B     Underwater Insp. Date       92C     Special Inspection     N     Months
68 Deck Geometry App. Rating 4	92C         Special Inspection         N         Months           93C         Special Inspection Date
69 Underclearance App. Rating N	
71 Waterway Adeq. App. Rating 4	BORDER BRIDGE INFORMATION
72 Approach Road App. Rating 8	98     Neighboring State Code       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-7	Field Posting Category S-7
Ton1 Ton2 Ton3	Ton1 Ton2 Ton3
Tonnage Values for Posting Sign 17	Tonnage Values for Posting Sign 17
General Text for Posting Sign	General Text for Posting Sign
TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.	TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.
Design_No = P0676 and Inventory_Appraisal_Submittal_Year = 2022	
Page:	2



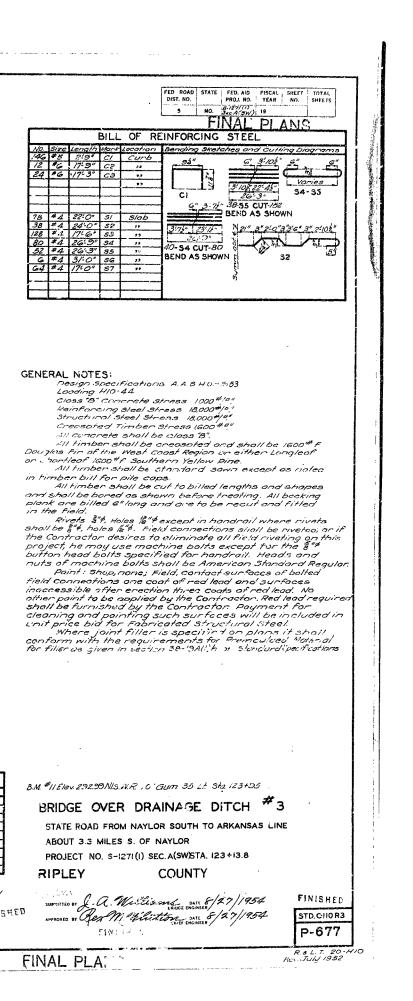
FED. ROAD         STATE         FED. AID         FISCAL         SHEET         TOTAL           DIST. NO.         PROJ. HO.         YEAR         NO.         SHEETS         SHEETS           5         MO.         STCR.7(27)         13         14	7				
BILL OF REINFORCING STEEL					
146 #5 219" CI CUI'S at" (" a" lak" o"					
24 "G 17-3" C3 "					
Cl 261.31 34 35	1				
78 #4 22:0" 51 5/66 G" 317/" 38:55 CUT/52					
38 #4 24.0" S2 "					
128 *4 171-6 53 ·3 26.9"					
32 #4 26 3" 55 ", 40- S4 CUT-80	2				
10 #4 3/-0' 56 ,, BEND AS SHOWN 52					
G4 #4 110" 57 "					
GENERAL NOTES: Design Specifications 4.4.5 Ho1653 Leading H10-44 Class 'B' Concrete Stress 1000 */* Reinforcing Steel Stress 1000 */* Creasofed Timber Stress 1000 */* All concrete chall be class 'B' All concrete chall be class 'B' All concrete chall be class 'B' All timber shall be creasoft of and shall be 1600 * f Douglas Fir of the West Coast Region or other Longieof or Shartleof 1600 * f Southern Yellow Diné. All timber shall be cut to billed lengths and shapes and shall be bared as shown before treating. All backing plank are billed a 'larg and are to be recut and Fitted in the Field. Rivets \$'', Holes \$'' Field connections shall be riveled, or if the Contractor desires to eliminate all Field riveting on this project, he may use machine botts except for the \$'' button head botts specified for handrail. Heads and rules of machine botts shall be American Standard Regular paint " hop, none; Field, contractor Standard Regular paint to the point by the Contractor. Payment for cleaning and pointing such surfaces will be included in unit price bid for Fabricated Structural Standard Regular project to the point for the Contractor. Red lead. No other paint to be applied by the Contractor. Red lead in the paint for the contractor for the Standard Standard Regular index so the point for the Contractor. Red lead in the paint to be applied by the Contractor. Red lead. No other paint for be applied by the Contractor Red lead. No other paint to be applied by the Contractor. Bandard Standard Field Connections one Coat of red lead and surfaces inaccessible after erection three coats of red lead. No other paint to be applied by the Contractor. Payment for cleaning and painting such surfaces will be furnished in unit price bid for Fabricated Structural Steel. Where joint filler is specified to reference the for for filler as given in section 38-13All)h of Standard Specifications.					
	L .				
	1.1				
	·				
	1				
B.M. #11 Elex 292.39 N.S.W.R. 10" Gum 35' Lt. Sta: 123+95	: I.				
BRIDGE OVER DRAINAGE DITCH *3					
STATE ROAD FROM NAYLOR SOUTH TO ARKANSAS LINE					
ABOUT 3.3 MILES S. OF NAYLOR					
PROJECT NO. S-1271(1) SEC.A(SW)STA. 123+13.8					
RIPLEY COUNTY					
SUBMITTED BY J. Q. Williams DATE 5/27/1954 FINISHED					
SUGMITTED BY J. A. Williams DATE 6/27/1954 FINISHED APPROVED BY Jear M. Whitton DATE 6/27/1954 SYD. CHIOR3					
P-677					
R. 6 L. 7. 20-H. Rev.July 1952	c `				







Sheet No. 1A of 1.



MODOT			ri Department of	-	
	TY: RIPLEY DIST		ite Bridge Inspect ASS: STATBR	ion Report FED-ID: 7818	BRIDGE: P067
		L STRUCTURE INFORMATI		TED-ID: 7010	***BR
ROUTE: RTWS	GENERA	# SPANS: 3		CODE: 72970 THOMAS	<b>DATE:</b> 01/26/
FEATURE: DTCH NO	3	LANES ON: 2		CNGTH: 102 FT 0 IN	FREQUENCY: 12
STATUS: P-POSTLOA		NES UNDER: 0		<b>1 SPAN:</b> 33 FT 0 IN	TEAM LEADER: ED H
LOG MILE: 2.389		DIRECTION: NORTH to SOUTH		<b>DWAY:</b> 18 FT 0 IN	<b>INSPECTOR 2:</b>
DETOUR: 99.00 MILE		<b>DF TRAFFIC:</b> 2-WAY TRAF		<b>CURB:</b> 20 FT 0 IN	<b>INSPECTOR 3:</b>
NHS: NO BUILT: 1954		NAL CLASS: RL-MAJOR COLLECT NBI OWNER: MODOT	UK UUII	<b>O OUT:</b> 22 FT 4 IN <b>AADT:</b> 270	** When calculated interv
REHAB:		AINTAINED: MODOT	AADT	<b>YEAR:</b> 2021	<i>G</i> _
LOCATION: S 26 T 22		E DISTRICT: SE		<b>TRUCK:</b> 5.3%	
LATITUDE: 36 31 44.2	28 (DMS) MAINTENANG	CE COUNTY: RIPLEY	FUTURE	<b>CAADT:</b> 378	
LONGITUDE: 90 36 43.0	00 (DMS)	SUB AREA: 7H12	FUTURE AADT	<b>YEAR:</b> 2041	
**:	FRACTURE CRITICAL INSPEC	TION INFORMATION***			***INDEPTH INSPECT
DATE:	<b>RESPONSIBILITY:</b>	CATEGORY:		DATE:	<b>RESPONSIBILITY:</b>
FREQUENCY:	CALCULATED INTERVAL**:	NBI:		FREQUENCY:	CALCULATED INTERVAL**:
TEAM LEADER:	<b>INSPECTOR 3:</b>	METHOD:		TEAM LEADER:	<b>INSPECTOR 3:</b>
<b>INSPECTOR 2:</b>	<b>INSPECTOR 4:</b>			<b>INSPECTOR 2:</b>	<b>INSPECTOR 4:</b>
** When calculated interval exceed	ds the frequency, a justification comment per	BIRM is required.		** When calculated interval exceed	Is the frequency, a justification comm
	FRACTURE CRITICAL INSPE	CTION COMMENTS			INDEPTH INSPEC
	***SPECIAL INSPECTION I	NFORMATION***			***UNDERWATER INSPE
<b>DATE:</b> 06/15/2021	<b>RESPONSIBILITY:</b> DISTRIC	CATEGORY: CH	ANNEL CROSS SEC	<b>DATE:</b> 01/26/2022	<b>RESPONSIBILITY:</b>
FREQUENCY: 48	CALCULATED INTERVAL**: 48	NBI: NC	)	FREQUENCY: 60	CALCULATED INTERVAL**:
<b>TEAM LEADER:</b> JERROD JER <b>INSPECTOR 2:</b> ADAM ZENT			ГТАРЕ	TEAM LEADER: ED HESS INSPECTOR 2:	INSPECTOR 3: INSPECTOR 4:
	ls the frequency, a justification comment per				eds the frequency, a justification com
	SPECIAL INSPECTION	COMMENTS			UNDERWATER INSP.
	SI LEITE INSI LEITON	COMMENTS			
	OTHER SPECIAL INS	PECTIONS			OTHER UNDERWA
DATE FREQUENCY		TED INTERVAL RESPONSIBILITY	<u>METHOD</u>	DATE FREQUENCY	<u>CATEGORY</u> <u>NBI</u> <u>CAL</u>
	OUR ACTION PLAN NO	DISTRICT	VISUAL		
Design_No = P0677					

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#### **RIDGE INSPECTION INFORMATION\*\*\* RESPONSIBILITY:** DISTRICT 26/2022 CALCULATED INTERVAL\*\*: 12 HESS ELEMENT: NO **INSPECTOR 4:**

erval exceeds the frequency, a justification comment per BIRM is required. GENERAL INSPECTION COMMENTS

# TION INFORMATION\*\*\*

#### **CATEGORY:** NBI: **METHOD:**

mment per BIRM is required.

ECTION COMMENTS

# ECTION INFORMATION\*\*\*

**Y: DISTRICT** \*: 12 3: 4:

**CATEGORY:** SHALLOW-WADE NBI: NO METHOD: PROBE

omment per BIRM is required.

**SPECTION COMMENTS** 

# ATER INSPECTIONS ALCULATED INTERVAL RESPONSIBILITY

**METHOD** 

MODOT		Ν	Aissouri Departmen	-	n		December 21, 202 10:14:29AN
	DIG	TDIOT. CE	State Bridge Ins		D ID. 7010	DDIDCE, D0/77	
COUNTY: RIPLEY	DIS	TRICT: SE	CLASS: STATBR		D-ID: 7818	BRIDGE: P0677	
APPROVED CATEGORY: S-7	TRUCKS OVER 17		***STRU	CTURE POSTING**	*		
Ton 1: 17	TRUCKS OVER 17 Ton 2:	TONS 15 MPH ON BRIDGE.	Ton 3:				
COMMENTS:	1011 -		101101				
FIELD CATEGORY: S-7	TRUCKS OVER 17	TONS 15 MPH ON BRIDGE.					
Ton 1: 17 COMMENTS:	Ton 2:		Ton 3:	PROBLEM:		<b>PROBLEM DIRECTION:</b>	
		ę	***GENERAL COMM	IENTS/MAJOR RAT	ED ITEMS***		
GENERAL COMMENTS: (HESSE, 04/02/20	010)(32'-33'-32') SMP WF	GDR SPANS					
	DOOD CONDITION	COMPANY					
[ITEM 58] DECK: 4 RATING : 0		COMMENI	<b>FS:</b> (DENNIB1, 01/14/2020)	1-CRACKS W/ EFF. & 5	0% SALURATION		
[ITEM 59] SUPER: 6 RATING : 0	5-SATISFACTORY CONDI 01/25/2016	TION COMMENT	<b>FS: (SHRUBM1, 03/05/2012</b>	?)MINOR RUSTING			
[ITEM 60] SUB: 5 RATING : (	5-FAIR CONDITION 03/02/2010	COMMENT	<b>FS:</b> (SHRUBM1, 03/05/2012 (BRAWLK1, 01/31/2022		TOP OF RAIL TO S	STREAM BED AT BENTS #2 & #3.	
[ITEM 61] BANK/CHANNEL: 5 RATING : (		COMMENT	<b>S:</b> (BLALOR1, 01/09/2013)	)MINOR EROSION OF B	ENT		
[ITEM 113] SCOUR: 4 RATING : 0 EVALUATION TYPE :	-STABLE-CORR ACT NE 05/18/2001	EDED COMMENT	<b>FS:</b> (BLALOR1, 01/09/2013)	)CHANNEL BOTTOM H	AS BEEN LOWERE	ED BY DREDGING AND EXPOSED PILE SPLICES	S, BUT SPLICES ARE STILL STABLE.
[ITEM 71] WATERWAY ADEQUACY: S RATING : (		PRCH COMMENT	TS:				
[ITEM 72] APPRRDWY ALIGNMENT: 8 RATING : 0		COMMENT	ſS:				
		***RAILING	GAND APPROACH PA	AVEMENT COMPON	ENTS AND RA	TINGS***	
[ITEM 36A] BRIDGE RAILING RATI	NG: DOESNT MEET CUR	RNT STND-0	<b>RATING:</b> 02/24/2004	COMMENTS:			
<u>MATERIAL</u> REINFORCED CONCRETE	<u>CONSTRUCTION</u> CURB	<u>DIRECTION</u> BOTH	<u>COMMENTS</u>				
STEEL <u>CONDITION</u> COLLISION DAM RUSTING		BOTH <u>LOCATION 1</u> RANDOM THROUGHOUT	<u>LOCATION 2</u>	<u>Severity</u> Moderate Moderate	<u>COMMENT</u> (RACKEM, 06/	14/2011)SE CORNER.	
[ITEM 36B] TRANSITION RAILING RATI	NG: NOT PROVIDED-0		<b>RATING:</b> 05/18/2001	COMMENTS:			
[ITEM 36C] APPROACH RAILING RATI	NG: NOT PROVIDED-0		<b>RATING :</b> 05/18/2001	COMMENTS:			
Design_No = P0677				Page 2			

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CONS	Andition assigned for each approach pavement <b>TRUCTION</b> INOUS MAT <b>DIRECTION</b> BOTH <b>***DRAINAGE, EXPA</b> <u>MATERIAL</u> ASPHALT NOTAPPLICABLE	CLASS: S RATING : 03 net component is sho <u>CONDIT</u> FAI ANSION DEVIC	7/18/2001 wn below. 7 <u>10N*</u> <u>C</u>	COMMENTS: TOMMENTS LOPE, AND	FED-ID		E COMPONEN	
<b>MENT RATING:</b> NOT P <b>WEMENT:</b> *Overall cc <u>CONS</u> BITUM <u>TS:</u> <u>COMPONENT</u> VEARING SURFACE DECK PROTECTION	PROVIDED-0 ondition assigned for each approach pavement <u>STRUCTION</u> INOUS MAT <u>DIRECTION</u> BOTH *** <b>DRAINAGE, EXP</b> A <u>MATERIAL</u> ASPHALT NOTAPPLICABLE	RATING: 03 net component is sho <u>CONDIA</u> FAI ANSION DEVIC	Wn below. <u>ION*</u> <u>C</u> <b>ES, BANK/SI</b> <u>STRUCTION</u> NOUS SEAL COA	<u>'OMMENTS</u> LOPE, AND	DECK PR <u>Kness</u>	OTECTIVE <u>year appli</u>	E COMPONEN	VTS***
<b>WEMENT:</b> *Overall co <u>CONS</u> BITUM <u>TS:</u> <u>COMPONENT</u> VEARING SURFACE DECK PROTECTION	Andition assigned for each approach pavement <b>TRUCTION</b> INOUS MAT <b>DIRECTION</b> BOTH <b>***DRAINAGE, EXPA</b> <u>MATERIAL</u> ASPHALT NOTAPPLICABLE	net component is sho <u>CONDIT</u> FAI ANSION DEVIC	wn below. <u>ION*</u> <u>C</u> <b>ES, BANK/SI</b> <u>STRUCTION</u> NOUS SEAL COA	<u>'OMMENTS</u> LOPE, AND	<u>KNESS</u>	YEAR APPLI		
<u>CONS</u> BITUM <u>TS:</u> <u>COMPONENT</u> VEARING SURFACE DECK PROTECTION	TRUCTION       DIRECTION         IINOUS MAT       BOTH         ***DRAINAGE, EXPA         MATERIAL         ASPHALT         NOTAPPLICABLE	<u>CONDIT</u> FAI ANSION DEVIC	TON* C R ES, BANK/SI STRUCTION NOUS SEAL COA	LOPE, AND <u>THIC</u>	<u>KNESS</u>	YEAR APPLI		
BITUM <u>TS:</u> <u>Component</u> vearing surface Deck protection	IINOUS MAT BOTH  ***DRAINAGE, EXPA  MATERIAL ASPHALT  NOTAPPLICABLE	FAI ANSION DEVIC	R ES, BANK/SI STRUCTION NOUS SEAL COA	LOPE, AND <u>THIC</u>	<u>KNESS</u>	YEAR APPLI		
<u>TS:</u> <u>Component</u> VEARING SURFACE DECK PROTECTION	*** <b>DRAINAGE, EXP</b> A <u>MATERIAL</u> ASPHALT NOTAPPLICABLE	ANSION DEVIC	<mark>ES, BANK/SI</mark> I <mark>STRUCTION</mark> NOUS SEAL COA	<u>THIC</u>	<u>KNESS</u>	YEAR APPLI		
<u>Component</u> Vearing Surface Deck Protection	<u>MATERIAL</u> ASPHALT NOTAPPLICABLE	<u>C0</u> N	I <mark>STRUCTION</mark> NOUS SEAL COA	<u>THIC</u>	<u>KNESS</u>	YEAR APPLI		
<u>Component</u> Vearing Surface Deck Protection	ASPHALT NOTAPPLICABLE		NOUS SEAL COA				<u>ED MANUFAC</u>	<u>CTURE</u>
VEARING SURFACE DECK PROTECTION	ASPHALT NOTAPPLICABLE		NOUS SEAL COA					TORL
DECK PROTECTION	NOTAPPLICABLE							
			NONE					
			NONE					
MEMBRANE								
MEMBRANE								
MEMBRANE								
	NOTAPPLICABLE		NONE					
COMPONENT	MATERIAL	CON	STRUCTION	DI	RECTION	СОММЕ	NTS	
DRAINAGE	REINFORCED CONCRETE							
W <b>TC</b> .								
	<u>ONENT</u> <u>MATE</u>	<u>RIAL</u>	<u>CONS</u>	TRUCTION		<u>GAP</u>	YEAR APPLIED	MANUFA
PONENTS:								
COMPONENT	<u>MATERIAL</u>	CON	STRUCTION	DI	<u>RECTION</u>	<u>COMME</u>	NTS	
BANK PROTECTION	ROCK		BLANKET		BOTH			
			***DECK CC	MPONENT	<b>S</b> ***			
COMPONENT	MATERIAI							
DECK	REINFORCED CONCRETE							
	LOCATION 1	LOCATION 2	<u></u>	EVERITY	MEASURE	MENT <u>CON</u>	<u>MMENT</u>	
	AT ABUTMENTS							
	EDGE							
	RANDOM				50 %			
RACKS	THROUGHOUT		ľ	FEW				
	REINFORCED CONCRETE			eveditv	MEACIIDE	MENT CO		
	<u>NTS:</u> <u>EL</u> <u><u>COMP</u> <u>PONENTS:</u> <u>COMPONENT</u> BANK PROTECTION <u>COMPONENT</u></u>	DRAINAGE     REINFORCED CONCRETE       VTS: EL     COMPONENT     MATE       PONENTS: COMPONENT     MATERIAL ROCK       DECK     MATERIAL ROCK       V     LOCATION 1 AT ABUTMENTS ION       N     LOCATION 1 AT ABUTMENTS SED       ION     RANDOM NCE       N     RANDOM NCE       N     RANDOM RANDOM       N     RANDOM THROUGHOUT RANDOM       MATERIAL ROCATION 1	DRAINAGE     REINFORCED CONCRETE     CU       VITS: EL     COMPONENT     MATERIAL       PONENTS: COMPONENT     MATERIAL     CON ROCK       COMPONENT     MATERIAL     CON ROCK       COMPONENT     MATERIAL     CON ROCK       COMPONENT     MATERIAL     CON ROCK       COMPONENT     MATERIAL     CON REINFORCED CONCRETE       COMPONENT     MATERIAL     CON REINFORCED CONCRETE       V     LOCATION 1     LOCATION 2       N     RANDOM     NCE       N     RANDOM       N     RANDOM       N     RANDOM       RACKS     THROUGHOUT       RANDOM     THROUGHOUT       RANDOM     THROUGHOUT       RANDOM     THROUGHOUT       RANDOM     CON       RANDOM     CON       RACKS     THROUGHOUT       DECK     REINFORCED CONCRETE	DRAINAGE     REINFORCED CONCRETE     CURB OUTLET       VTS: EL     COMPONENT     MATERIAL     CONSTRUCTION       PONENTS: COMPONENT MARK PROTECTION     MATERIAL ROCK     CONSTRUCTION BLANKET       V     MATERIAL     CONSTRUCTION BLANKET       V     COMPONENT DECK     MATERIAL       V     LOCATION 1     LOCATION 2       V     LOCATION 1     SI CAST-IN-PLACE       NCE     THROUGHOUT     N       NCE     THROUGHOUT     N       N     RANDOM     MATERIAL       V     LOCATION 1     SI CAST-IN-PLACE       N     RANDOM     MATERIAL       N     RANDOM     MATERIAL       DECK     REINFORCED CONCRETE     CAST-IN-PLACE       DECK     REINFORCED CONCRETE     CAST-IN-PLACE	DRAINAGE     REINFORCED CONCRETE     CURB OUTLET       VTS: EL     COMPONENT     MATERIAL     CONSTRUCTION       PONENTS: COMPONENT     MATERIAL ROCK     CONSTRUCTION     DI       MAK PROTECTION     MATERIAL ROCK     CONSTRUCTION     DI       COMPONENT     MATERIAL ROCK     CONSTRUCTION     DI       COMPONENT     MATERIAL ROCK     CONSTRUCTION     COMMON       DECK     REINFORCED CONCRETE     CAST-IN-PLACE       Y     LOCATION 1     LOCATION 2       SED     EDGE     MINOR       NCE     THROUGHOUT     MINOR       NN     RANDOM     MODERATE       NN     RANDOM     MINOR       NN     RANDOM     MINOR       NN     RANDOM     MINOR       NN     RANDOM     MINOR       RANDOM     MINOR     MINOR       RACKS     THROUGHOUT     FEW	DRAINAGE     REINFORCED CONCRETE     CURB OUTLET       VTS: EL     COMPONENT     MATERIAL     CONSTRUCTION       PONENTS: COMPONENT BANK PROTECTION     MATERIAL ROCK     CONSTRUCTION     DIRECTION BURNKET       PONENTS: COMPONENT DALK PROTECTION     MATERIAL ROCK     CONSTRUCTION BLANKET     DIRECTION BOTH       ***DECK COMPONENTS***     MATERIAL CONSTRUCTION     COMMENTS COMPONENT DECK     MATERIAL REINFORCED CONCRETE     CONSTRUCTION CAST-IN-PLACE       Y     LOCATIONI DECK     LOCATION2 RANDOM     SEVERITY MEASUREJ MINOR MINOR SED     MEASUREJ MINOR MINOR MINOR RANDOM     MODERATE S0 % MINOR RANDOM     50 % MINOR FEW       DECK     REINFORCED CONCRETE     CAST-IN-PLACE	DRAINAGE     REINFORCED CONCRETE     CURB OUTLET       VTS: EL     COMPONENT     MATERIAL     CONSTRUCTION     GAP       PONENTS: COMPONENT MARK PROTECTION     MATERIAL ROCK     CONSTRUCTION     DIRECTION BOTH     COMMEL       V     MATERIAL ROCK     CONSTRUCTION     DIRECTION BOTH     COMMENTS       V     MATERIAL ROCK     CONSTRUCTION     COMMENTS       V     MATERIAL REINFORCED CONCRETE     CONSTRUCTION CAST-IN-PLACE     COMMENTS       V     LOCATION 1     LOCATION 2     SEVERITY MEASUREMENT     COMMENTS       V     LOCATION 1     LOCATION 2     SEVERITY MEASUREMENT     COMMENTS       V     LOCATION 1     LOCATION 2     SEVERITY MEASUREMENT     COM       V     LOCATION 1     LOCATION 2     SEVERITY MEASUREMENT     COM       V     LOCATION 1     LOCATION 2     SEVERITY MEASUREMENT     COM       V     LOCATION 1     LOCATION 2     SEVENTY     MEASUREMENT     CO       V     LOCATION 1     LOCATION 2	DRAINAGE     REINFORCED CONCRETE     CURB OUTLET       VTS: EL     COMPONENT     MATERIAL     CONSTRUCTION     GAP     YEAR APPLIED       PONENTS: COMPONENT MARK PROTECTION     MATERIAL ROCK     CONSTRUCTION     DIRECTION     COMMENTS       V     MATERIAL ROCK     CONSTRUCTION     DIRECTION     COMMENTS       V     MATERIAL REINFORCED CONCRETE     CONSTRUCTION BLANKET     DIRECTION BOTH     COMMENTS       V     LOCATION1     LOCATION2     SEVERITY MEASUREMENT     COMMENTS COMMENTS       V     LOCATION1     LOCATION2     SEVERITY MEASUREMENT     COMMENTS COMMENTS       ION     RANDOM     MINOR MINOR     MINOR MINOR       SED     EDGE     MINOR MINOR     SEVERITY MEASUREMENT     50 %       V     AT ABUTMENTS     MINOR MINOR     MODERATE     50 %       VN     RANDOM     MINOR MINOR     MINOR       VN     RANDOM     MINOR MINOR     SEVENTE       DECK     REINFORCED CONCRETE     CAST-IN-PLACE     50 %       DECK     REINFORCED CONCRETE     CAST-IN-PLACE     50 %

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OVERALL CONDITION POOR

FACTURE

**OVERALL CONDITION** 

10DOT			-	ment of Transpor			
		DIGTDICT OF	-	e Inspection Repo			DDIDGE DAG
	Y: RIPLEY	DISTRICT: SE	CLASS: STAT		FED-ID: 7818		BRIDGE: P067
BOLTE: EFFLORESC		AT INTERMEDIATE BENT THROUGHOUT		XTERIOR GIRDER			
SATURAT		RANDOM		MINOR MINOR	30 %		
SALUKAI		THROUGHOUT		LIGHT	50 /0		
TRANSVERSE		THROUGHOUT		FEW			
MAIN SPANS-3	DECK	REINFORCED CO	NCRETE CAST-IN-	PLACE			
<u>CONDITI</u>	<u> </u>	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
BOLTE		AT ABUTMENTS		XTERIOR GIRDEF			
EFFLORESC		THROUGHOUT		MINOR			
SATURAT		RANDOM		MINOR	30 %		
SCALIN		THROUGHOUT		LIGHT			
SPALL		RANDOM		MINOR			
TRANSVERSE	CRACKS	THROUGHOUT		FEW			
			444011 <b>DED</b> 0'	TOUCTUDE COM			
SERIES TYPE-#	SPAN TYPE	MATERIA		TRUCTURE COMI ICTION	ZONEN I S^^^ LABEL	COMMENTS	
MAIN SERIES-1	SIMPLE SPAN		WIDE FLANG			COMMENTS	
SPAN	COMPOSITE IN		EATHERING STEEL COMME				
MAIN SPANS-1	NON-COMP		NO NO				
CONDITI		LOCATION 1	LOCATION 2	SEVERITY	MEASUREMENT	COMMENT	
RUSTIN		TOP FLANGE		MINOR		0000000000	
MAIN SPANS-2	NON-COMP		NO				
<u>CONDITI</u>		LOCATION 1	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
RUSTIN	Ĵ	TOP FLANGE		MINOR			
MAIN SPANS-3	NON-COMP	OSITE 32 FT 6 IN	NO				
MAIN SPANS-3 <u>CONDITI</u>		<u>LOCATION 1</u>	NO <u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
RUSTIN		TOP FLANGE	LOCATION 2	MINOR	MLASUKLMENT	COMMENT	
KUSTIN		TOT PEANOE		WINOK			
			***SUBST	RUCTURE COMPO	DNENTS***		
<b>SUBSTRUCTURE</b>		LENGTH <u>MATERIAL</u>	<u>CONSTRUCTION</u>	LABEL	<u>COMMENTS</u>		
ABUTMENT-1 R		8 FT 0 IN TIMBER	NON-INTEGRAL		(BOWDEJ1, 02/02/20.	· · · · · · · · · · · · · · · · · · ·	
	<u>CONDITION</u>	LOCATION 1	<u>LOCATION</u>	<u>SE</u>	VERITY MEAS	<u>UREMENT</u> <u>CC</u>	<u>)MMENT</u>
<u>ASSOCIATED C</u>	<u>OMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCT</u>	<u>TION</u>			
BEAM CAP		TIMBER	BEAM				
	<u>CONDITION</u>	LOCATION 1	<u>LOCATION</u>	<u>SEI</u>	<u>ERITY</u> <u>MEAS</u>	<u>UREMENT</u> <u>CC</u>	<u>OMMENT</u>
PILING		TIMBER	OTHER				
	<u>CONDITION</u>	LOCATION 1	<u>LOCATION</u>			<u>UREMENT</u> <u>CC</u>	<u>OMMENT</u>
	PLACE WITH H PILE			NOT A	PPLICABLE		
STRAIGHT WIN		TIMBER	PLANKS				
	<u>CONDITION</u>	LOCATION 1	<u>LOCATION</u>			<u>UREMENT</u> <u>CC</u>	<u>OMMENT</u>
	FAILING	THROUGHOUT		NOT A	PPLICABLE		
		TIMBER	OTHER				
WING PILES		LOCATION 1	<u>LOCATION</u>	<u>2</u> <u>SEV</u>		<u>UREMENT</u> <u>CC</u>	<u>OMMENT</u>
WING PILES	<u>CONDITION</u>						
	<u>CONDITION</u> ROTTEN	THROUGHOUT		SI	EVERE		
WING PILES BACKWALL			PLANKS <i>LOCATION</i>			UREMENT CO	OMMENT

Design\_No = P0677

Page 4 This report contains information that is protected from disclosure by federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Section 610.021 RSMo. Please review MoDOT's policy and procedure manual on the Sunshine Act before releasing any of the information contained herein.

#### December 21, 2022 10:14:29AM

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GROUND AND 14' EXPOSED.

					-	of Transportation		
	Y: RIPLEY	Ы	CTDICT. CE		0 1	ection Report	. 7010	DDIDCE, DA
	SHOVING		STRICT: SE	CLASS	S: STATBR	FED-ID MODERATE	: /818	BRIDGE: P06
	5110 1110		mkoodnoor			MODERALE		
BENT-2	RA-45 DEGREES	28 FT 0 IN	TIMBER		CAP			
ASSOCIATED	<u>CONDITION</u>	MATERIA	<u>LOCATION 1</u>		<u>DCATION 2</u> NSTRUCTION	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BEAM CAP	<u>COMPONENT</u>	TIMBER	<u>L</u>	BEA				
	<u>CONDITION</u>		LOCATION 1		DCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	DECAYING		ENDS		ICD	MINOR		
PILING	<b>CONDITION</b>	TIMBER	LOCATION 1	OTH L(	TER DCATION 2	<u>SEVERITY</u>	MEASUREMENT	COMMENT
RE	PLACE WITH H P	ILE	ALL			NOT APPLICABLE		COMMENT
CROSS BRACI		TIMBER		PLA	NKS			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>L0</u>	DCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BENT-3	RA-45 DEGREES	28 FT 0 IN	TIMBER	PILE	C CAP			
	<b>CONDITION</b>		LOCATION 1	<u>L(</u>	DCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
ASSOCIATED	<u>COMPONENT</u>	MATERIA	<u>L</u>		NSTRUCTION			
BEAM CAP	<u>CONDITION</u>	TIMBER	LOCATION 1	BEA	AM D <i>CATION 2</i>	<i><b>SEVEDITV</b></i>	MEASUREMENT	COMMENT
	DECAYING		ENDS	<u>LC</u>	CATION 2	<u>SEVERITY</u> MINOR	MEASUKEMENT	COMMENT
PILING	Decimito	TIMBER	LINDS	OTH	IER	Million		
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>L(</u>	DCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	PLACE WITH H P		ALL			NOT APPLICABLE		
CROSS BRACI	NG CONDITION	TIMBER	LOCATION 1		ANKS D <i>CATION 2</i>	<u>SEVERITY</u>	MEASUREMENT	COMMENT
	CONDITION		<u>LOCATION I</u>	<u>L(</u>	<u>ICATION 2</u>	<u>SEVERITT</u>	<u>MEASUREMENT</u>	COMMENT
BUTMENT-4	RA-45 DEGREES	28 FT 0 IN	TIMBER		TEGRAL			
	<u>CONDITION</u>		<u>LOCATION 1</u>		<u>DCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED (</u> BEAM CAP	<u>COMPONENT</u>	<u>Materia</u> Timber	<u>L</u>	ECO BEA	<u>NSTRUCTION</u>			
DEAM CAF	<u>CONDITION</u>	TINDER	<u>LOCATION 1</u>		DCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
PILING		TIMBER			IER			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>L(</u>	DCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	PLACE WITH H P		ALL			NOT APPLICABLE		
STRAIGHT WI	NGS <u>CONDITION</u>	TIMBER			ANKS D <i>CATION 2</i>	<u>CEI/EDITV</u>	ΜΕΛΩΙΙΔΕΜΕΝΙΤ	COMMENT
WING PILES		TIMBER	<u>LOCATION 1</u>		HER	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>UUIVIIVIEINI</u>
WING FILLS	<u>CONDITION</u>	INVIDEN	<u>LOCATION 1</u>		DCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BACKWALL		TIMBER			ANKS			
	<u>CONDITION</u>		<u>LOCATION 1</u>	<u>L0</u>	DCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	SHOVING		THROUGHOUT			MINOR		
				***OVER/UN	DER ROUTES	CLEARANCE INFORM	ATION***	
ANCES OVER DECK		NOTE: Vertical clearances	for permitting purpos	es are taken as 2 inches less than the	e actual field measured	clearance.		
VERTICAL CLEARANC	E TYPE**	VALUE DIR	ECTION	DATE COMMENT	<u>-</u>			

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Page 5 This report contains information that is protected from disclosure by federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Section 610.021 RSMo. Please review MoDOT's policy and procedure manual on the Sunshine Act before releasing any of the information contained herein.

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MODOT					Missouri Depa State Bridg	rtment of Trai ge Inspection 1			
COUNT	Y: RIPLEY		DISTRICT: SI	E	CLASS: STA	TBR	FED-ID:	7818	BRIDGE: P06
<u>CLEARANCES UNDER BRIDG</u> <u>RECORD #</u> <u>R</u>	<u>E</u> **1 OUTE	NOTE: Vertical cl <u># LANES</u>	earances for permitting pur DIRECTION OF		s 2 inches less than the actual fie <b><u>RIGHT LATERAL</u></b>		LEFT LATERAL	CLEARANCE	<u>UR-I</u>
VERTICAL CLEARANC	<u>E TYPE**</u> <u>V</u>	ALUE	<u>DIRECTION</u>	<u>DATE</u>	<u>COMMENT</u>				
					***STRUC	TURE PAINT I	NFORMATION**	*	
<b>CONDITION:</b> FA	AIR	RUST	<b>CAMOUNT :</b> 8=.1%	OF SURFAC	CE RUSTED	STEEL TONS	5:19		
	<u>GINAL PAINT</u>				RACT REPAINT				<b>DEPARTMEN</b>
PAINT TYPE NAME			P	AINT TYPE NAME				E:C SYSTEM E:INORGANIC ZIY	NC/VINYL
PAINT COLOR	:			NT COLOR	:		PAINT COLO	R: GREEN	
PAINT YEAR MILS			PA	AINT YEAR MILS			PAINT YEA MIL		
					***RE	QUESTED WO	RK ITEMS***		
GENERAL WORK COMME	ENTS:								
RESPONSIBILITY	LOCATION	τ	ITEM		CATEGORY	PRIORITY	DATE WORK	ITEM COMMENT	
	OUNER		METHOD			TILITY ATTAC			
UTILITY	OWNER		METHOD	MI	EASUREMENT TYPE	VALUE	NUMBER	UTILITY ATTACH	MENI COMMENI
					***PROG	RAM NOTES IN	NFORMATION**	*	
YEAR         PROJECT #           2025         9S3848	MONTH LET 0	<u>YEAR LET</u> 2025	<u>ITEMS</u> REPLACE BRIDGE					<u>OMMENT</u>	
Design_No = P0677						Page 6	n 610.021 RSMo. Please revi		

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# 0677

# -ID

<u>NT REPAINT</u> MANUFACTURE : SURFACE PREP :

MODOT		rtation ort			
CO	UNTY: RIPLEY	DISTRICT: SE	CLASS: STATBR	FED-ID: 7818	BRIDGE: P067
		***ADVANCEI			
NOTE: The items listed in	this section are updated whenev	ver computer edits are ran on a structu	ire after the inspection updates have been entered in to TMS	SIGN #	SIGN TYPE
Rated Item		<u>Rating</u>	Rating Date	1	C - IDHW
[Item 67] Structure Evalua	tion Rating: 4-MEETS	MINIMUM TOLERABLE	3/3/2010		
[Item 68] Deck Geometry I	Rating: 4-MEETS	MINIMUM TOLERABLE	2/8/2017		
[Item 69] Underclearance:	N-	NOT APPLICABLE	5/18/2001		
Sufficiency Rating:		27.7%	3/8/2022		
Deficiency:		STRUCTURAL	2/7/2020		
Funding Eligibility:					<b>***OUTFALL INS</b>
Estimated New Structure I	0				
Estimated Structure Cost:				# OUTFALLS:	Γ
Estimated Total Project Co	ost:			STATUS:	
Year of Cost Estimate:				NOTES:	
generalized to use NBI items	s to come up with a new structur		n the TMS system. These algorthims are area which is taken times a representative cost per te specific engineering is done.		

#### December 21, 2022 10:14:29AM

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ED SIGN INFORMATION\*\*\* PROBLEM

**PROBLEM DIRECTION** 

## SPECTION INFORMATION\*\*\*

# **INSPECTOR:** DATE:

MODOT	-		Missouri Department of T	ransportation	
	1		State Bridge Inspectio	n Report	
	<b>COUNTY: RIPLEY</b>	DISTRICT: SE	CLASS: STATBR	FED-ID: 7818	BRIDGE: P062

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

COUNTY: RIPLEY RECORD TYPE : ROU	BRIDGE : P0677 ITE CARRIED 'ON' STRUCT	REVIEW STATUS :APPROVEDNBI STATUS :RUN DATE :9/1/2022SUBMITTAL YEAR :	T 2022			
	STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION				
GENERALS						
1 State	MISSOURI	5A         Record Type         ROUTE CARRIED 'ON' STRUCT           5D         Basita Signing Brafix         MO	·			
2 District	SE					
3 County	RIPLEY	5C Designated Level of Service MAINLINE				
8 Federal ID No.	7818 1954	5D Route Number 0000W				
27 Year Built		5E Directional Suffix NOT APPLICABLE				
106 Year Reconstructed	0	7 Facility Carried RT W S				
42A Type of Service On	HIGHWAY	12 Base Hwy. Network				
21 Structure Maintenance	STATE HIGHWAY AGENCY	13A LRS Inventory Route No.				
22 Structure Owner	STATE HIGHWAY AGENCY	13B Subroute No.				
33 Br. Median Code	NO MEDIAN	20   Toll Status   ON FREE ROAD				
37 Historical Significance	NOT ELIGIBLE FOR NR OF HP	26   Functional Classification   07-RURAL MAJOR COLLECTOR	R			
101 Parallel Struc Desg	NONE EXISTS	28A   Lanes on Structure   02				
103 Temporary Structure	NOT TEMPORARY	100 STRAHNET Designation RTE NOT A DEFENSE HWY				
112 NBIS Bridge Length	YES	104 National Highway System NOT ON NHS				
		105 Federal Lands Highway NOT APPLICABLE				
		110 Designated Nat. Network NO				
STRUCTUR	E LOCATION INFORMATION	STRUCTURE TRAFFIC INFORMATION				
4 Place	THOMAS	29 AADT 270				
Code	72970	30 AADT Year 2021				
9 Location	S 26 T 22 N R 4 E	102   Direction of Traffic   2-WAY TRAFFIC				
11 Milepoint	2.40 miles	109   AADT Truck Percent   5%				
16 Latitude	36 D 31 M 44 S	114Future AADT378				
17 Longitude	90 D 36 M 43 S	115Future AADT Year2041				
UNDER	RECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION				
6 Features Intersected	DTCH NO 3	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.				
42B Type of Service Under	WATERWAY	19 By pass Detour Length 124.38 miles				
28B Lanes Under Structure	00	32 Approach Roadway Width 18 Ft. 1 In.				
54A Vert. Clearance Ref.	N/A	34 Skew 45.00 Degrees				
54B Vert. Clearance	0 Ft. 0 In.	35 Struct. Flared NO				
55A Rt. Lat Clear Ref.	N/A	47 Total Horiz. Clear 20 Ft. 0 In.				
55B Rt. Lat Clearance	0 Ft. 0 In.	48 Maximum Span Length 33 Ft. 2 In.				
56 Left Lat Clearance	0 Ft. 0 In.	49 Structure Length 102 Ft. 0 In.				
38 Navigation Control	PERMIT NOT REQ	50A Left Curb/Sidewalk Width 0 Ft. 0 In.				
39 Nav Vertical Clear	0 Ft. 0 In.	50B Right Curb/Sidewalk Width 0 Ft. 0 In.				
40 Nav Horizontal Clear	0 Ft. 0 In.	51 Curb to Curb Br. Width 20 Ft. 0 In.				
111 Nav. Pier Protection		52 Deck Width (Out-Out) 22 Ft. 4 In.				
116 Nav. Cl. Vert. Clear		53Vert.Clearance Over Deck99 Ft. 99 In.				

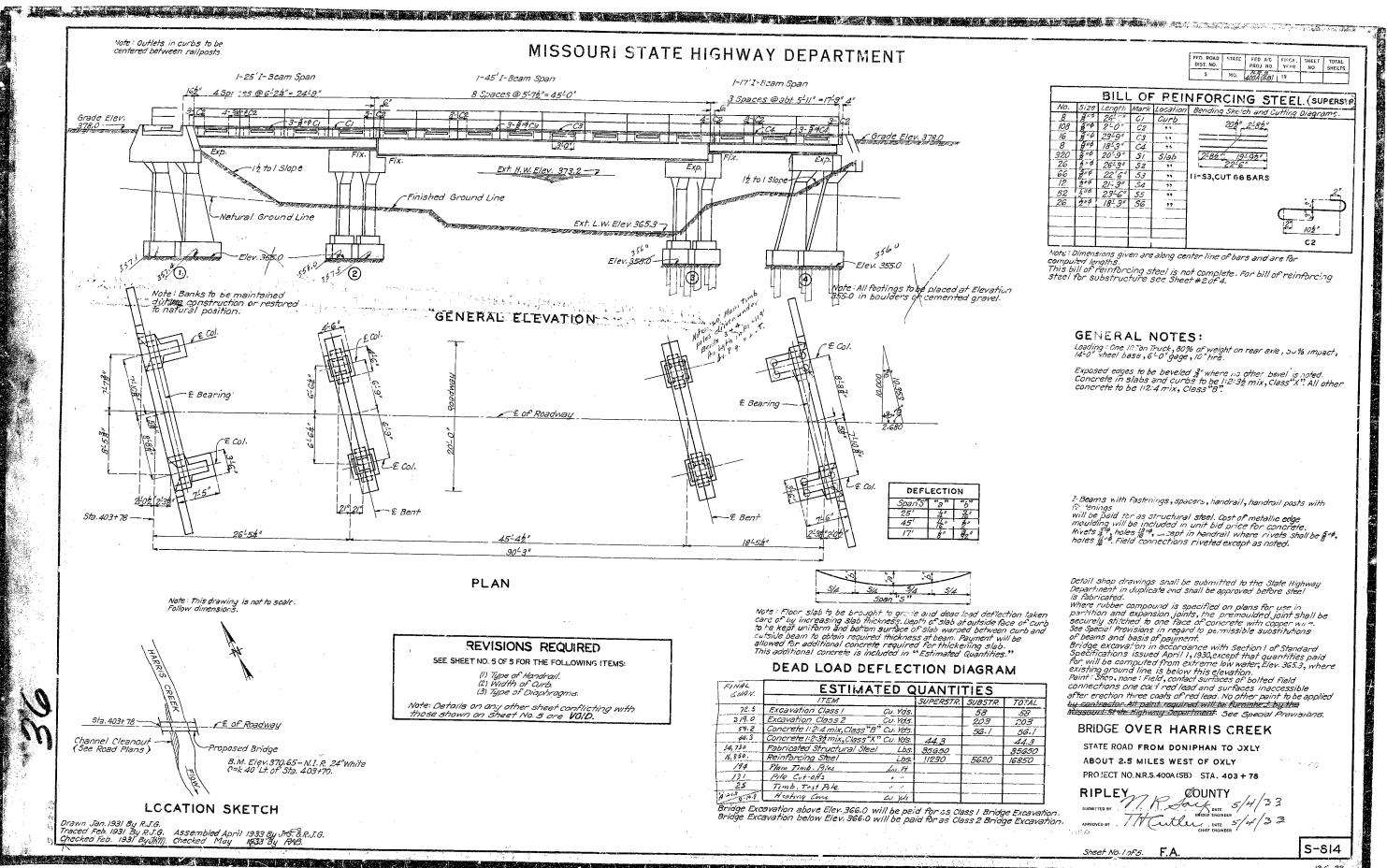
Design\_No = P0677 and Inventory\_Appraisal\_Submittal\_Year = 2022

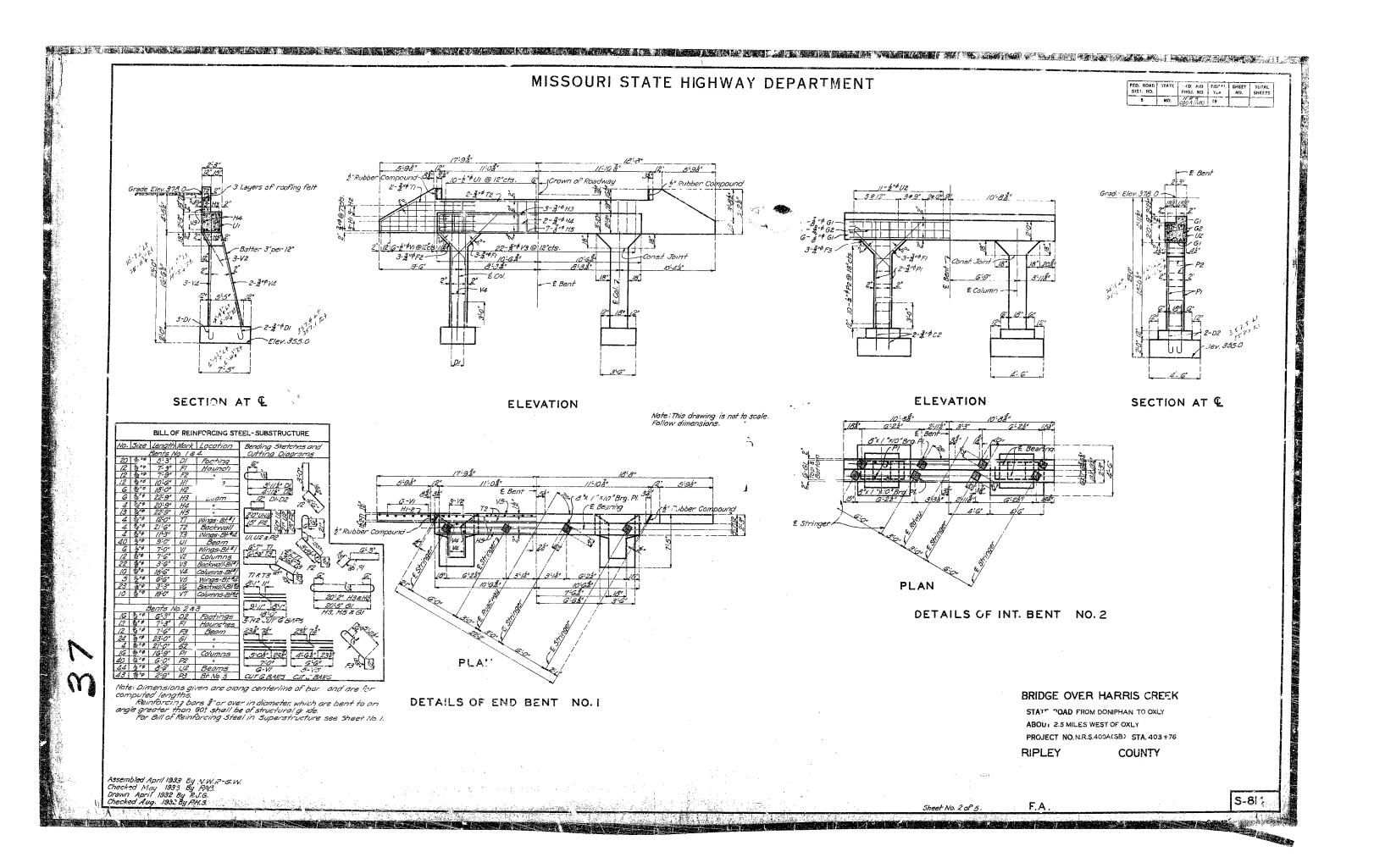
Page: 1

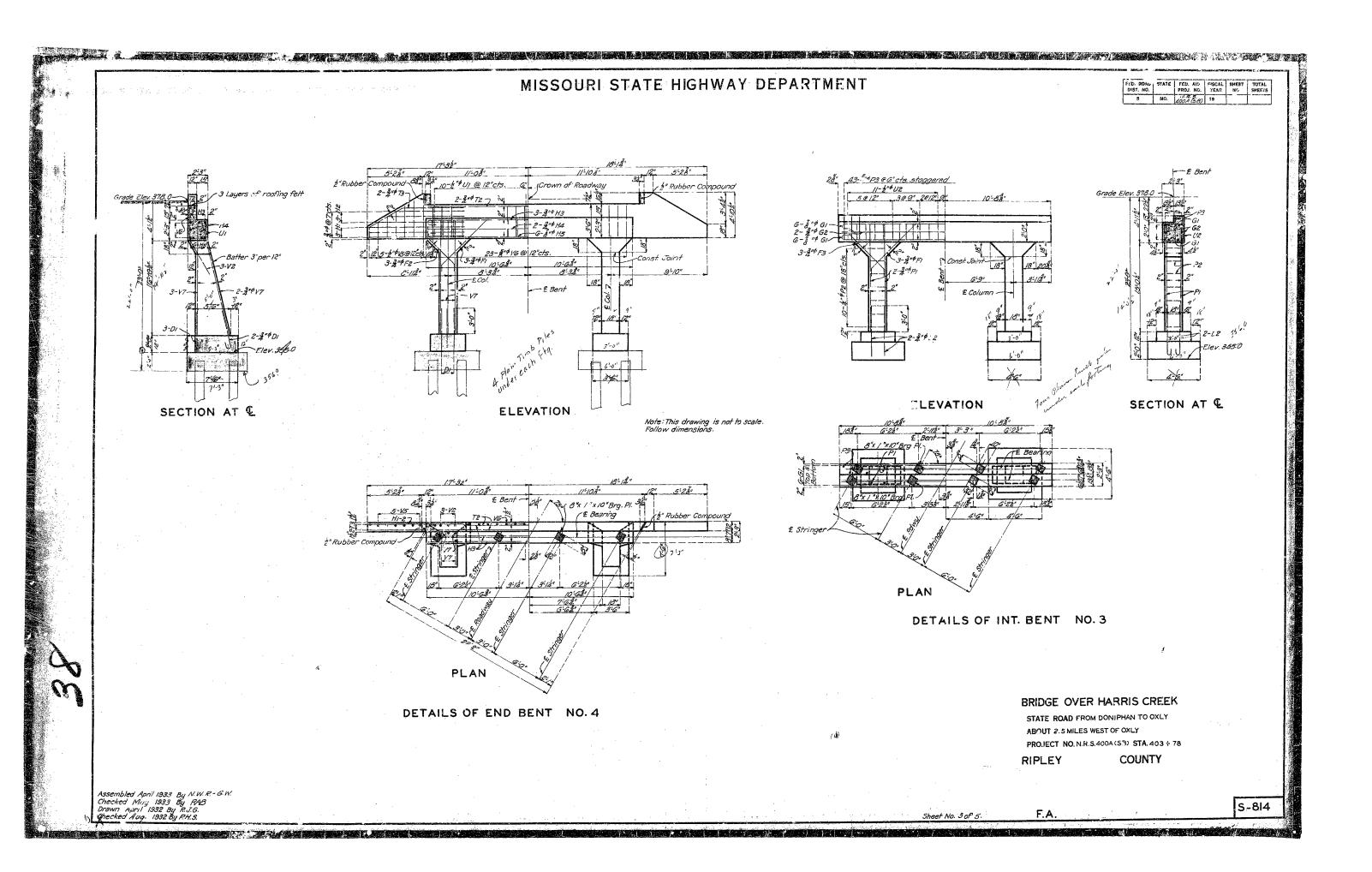


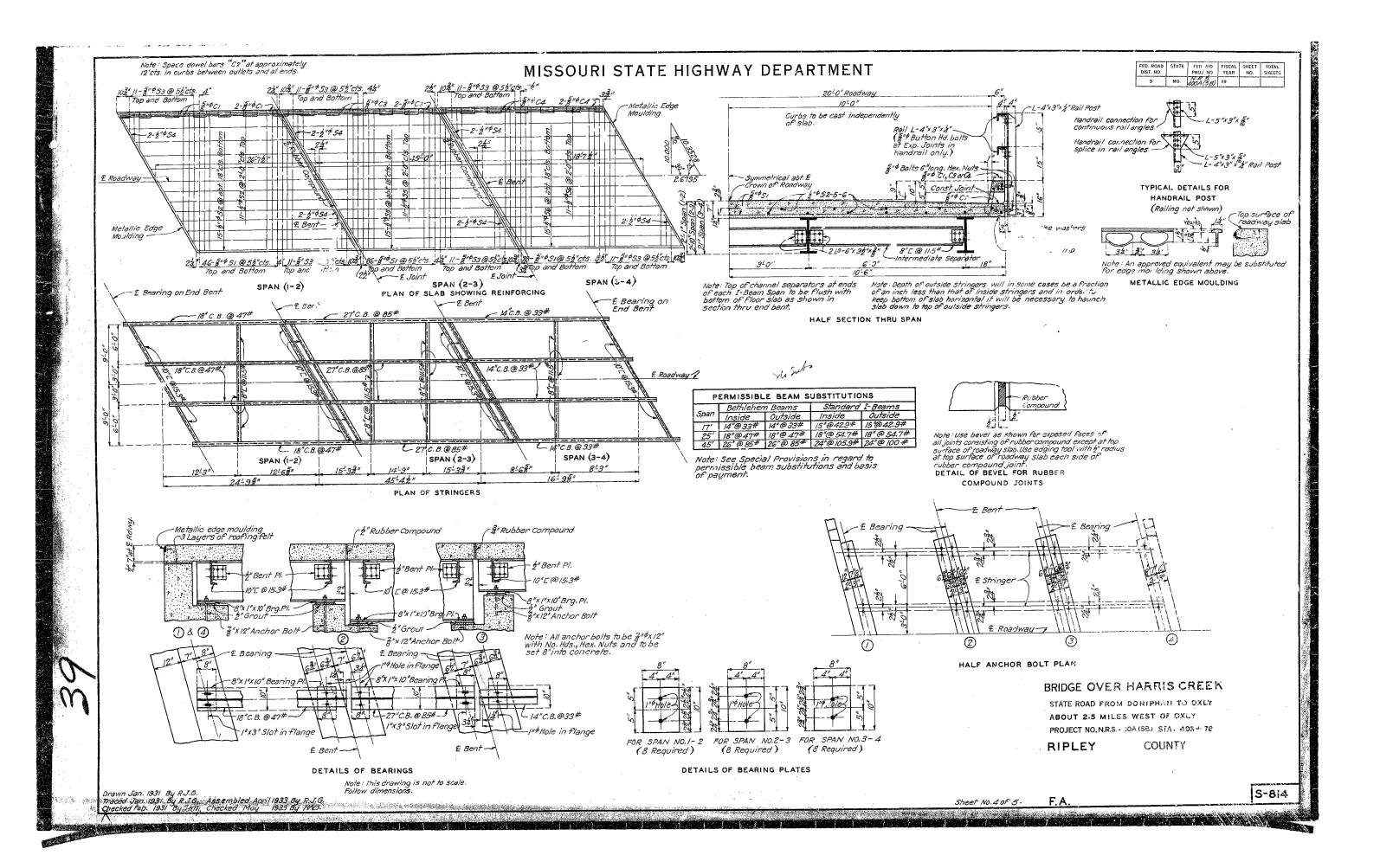
#### Missouri Department of Transportation Bridge Inventory and Inspection System Structural Inventory & Appraisal Sheet

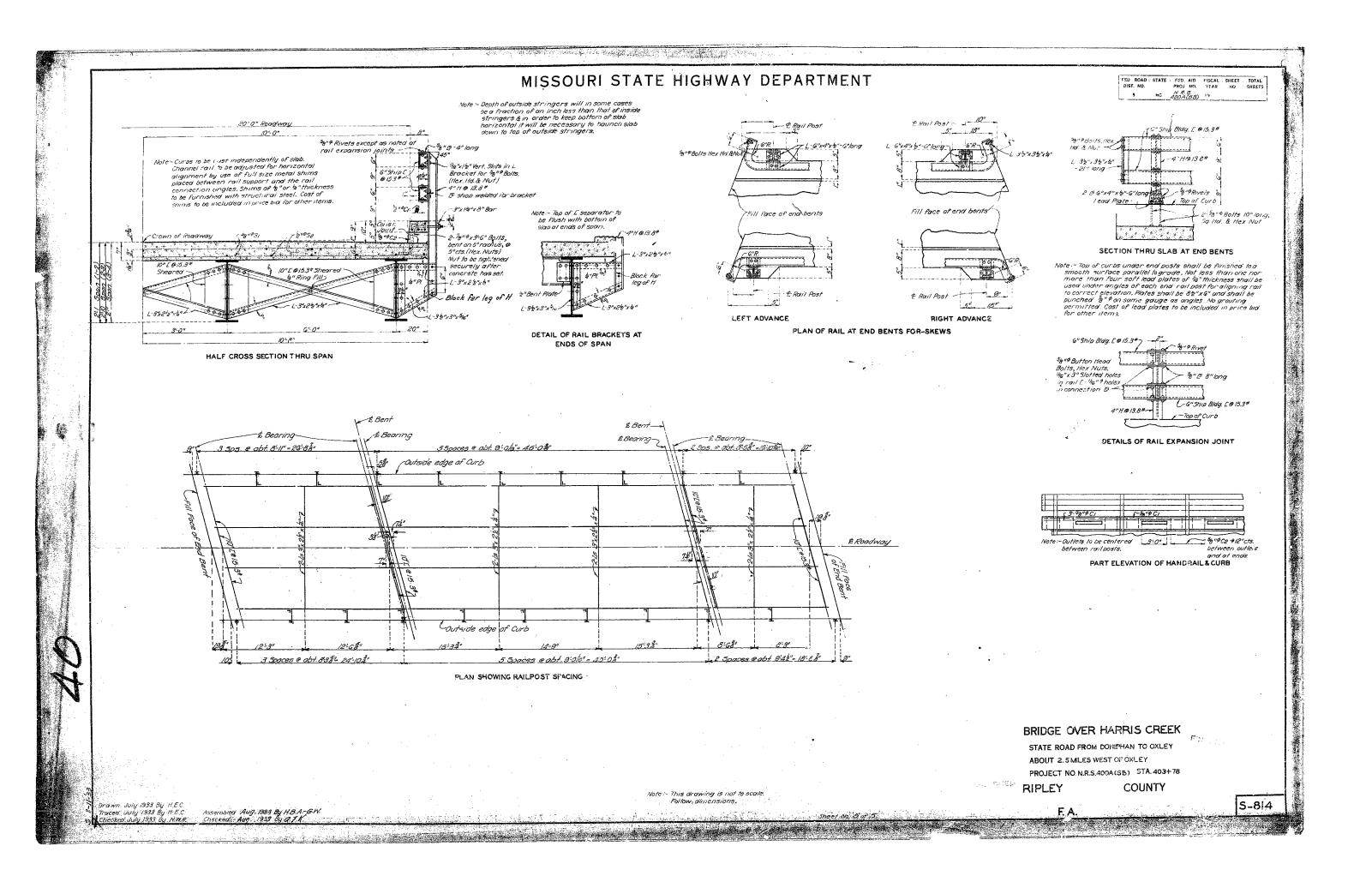
COUNTY: RIPLEYBRIDGE:P0677RECORD TYPE:ROUTE CARRIED 'ON' STRUCT	REVIEW STATUS :APPROVEDNBI STATUS :TRUN DATE :9/1/2022SUBMITTAL YEAR :2022
LOAD RATING AND POSTING INFORMATION	MATERIAL/CONSTRUCTION INFORMATION
31Design LoadH 1041Structure StatusPOSTED FOR LOAD63Oper. Rating Meth.ALLOWABLE STRESS64Operating Rating25 Tons.65Inventory Rating MethALLOWABLE STRESS66Inventory Rating14 Tons.70Bridge Posting Code20.0-29.9% BELOW	43AMain Struc. Mat typeSTEEL43BMain struc Constr. TypeSTRINGER/MULTIBEAM - GRD45# of Main Spans344AAppr Struc. Mat type00044BAppr Struc. Cnstr. type00046# of Approach Span0107Deck Mat/Constr.1 CONCRETE CIP108AWear Surf Mat/Constr.6 BITUMINOUS
PROPOSED IMPROVEMENT INFORMATION	108A     Wear Surf Mat/Constr.     6 BITUMINOUS       108B     Membrane Mat/Constr.     0 NONE
Sufficiency Rating     27.7     Percent       Deficiency Rating     STRUCTURAL       Funding Eligibility     FULL	108C     Deck Protect Mat/Constr.     0 NONE       CONDITION RATING INFORMATION
75A Proposed Work REPLACEMENT SUBSTND LOAD	58   Deck Cond. Rating   4
75B     Work Done By     Contract       76     New Struc Length     131 Ft. 3 In.	59 Superstructure Cond. Rating 6
76New Struc Length131 Ft. 3 In.94Struc Improve Cost\$ 681,000	60 Substructure Cond. Rating 5
95 Roadway Improve Cost \$ 68,000	61     Channel /Channel Protection Cond. Rating     5       62     Culvert Cond. Rating     N
96 Total Project Cost \$ 1,022,000	
97 Year of Cost Estimates 2022	INSPECTION INFORMATION       90     Gen. Insp Date     1 / 22
APPRAISAL RATING INFORMATION         36A       Br. Rail App. Rating       DOES NOT MEET ACCEPT STND         36B       Transition Rail App. Rating       DOES NOT MEET ACCEPT STND         36C       Approach Rail App. Rating       DOES NOT MEET ACCEPT STND         36D       Rail End Treat. App. Rating       DOES NOT MEET ACCEPT STND         36D       Rail End Treat. App. Rating       DOES NOT MEET ACCEPT STND         67       Struc Eval App. Rating       4         68       Deck Geometry App. Rating       4         69       Underclearance App. Rating       N         71       Waterway Adeq. App. Rating       4         72       Approach Road App. Rating       8         113       Scour Assess App. Rating       4         MOPENTING INFORMATION         Approved Posting Category         S-7       Ton1       Ton2         Ton3         Ton3	91       Gen. Insp. Frequency       12       Months         92A       Frac. Critical Inspection       N       Months         93A       Frac. Critical Inspection       N       Months         93B       Underwater Inspection       N       Months         93B       Underwater Inspection       N       Months         92C       Special Inspection       N       Months         93C       Special Inspection Date       Voltable       Voltable         93C       Special Inspection Date       Voltable       Voltable         93B       Neighboring State Code       Voltable       Voltable         98B       Neighboring State Struc. No.       Voltable       Voltable         FIELD POSTING INFORMATION         99       Neighboring Category       S-7         Tonnage Values for Posting Sign         17       17
General Text for Posting Sign	General Text for Posting Sign
TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.	TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.
Design_No = P0677 and Inventory_Appraisal_Submittal_Year = 2022	
Page:	2











MoDOT			Department of 7	-				
	COUNTY DIDLEY	DIGTRICT OF		Bridge Inspecti	-	DDIDCE CA91		
	COUNTY: RIPLEY	DISTRICT: SE		STATBR	FED-ID: 8855	BRIDGE: S081		
DOUTE	MOLAE	***GENERAL STRUCTU			CODE 75770 MADNED	***BR		
ROUTE:	HARRIS CR	# SPANS: 3 LANES ON: 1			CODE: 75778 VARNER NGTH: 90 FT 0 IN	<b>DATE:</b> 01/26/		
	P-POSTLOAD	LANES UNDER: 0			<b>SPAN:</b> 45 FT 4 IN	FREQUENCY: 24 TEAM LEADER: ED H		
LOG MILE:		COMPASS DIRECTION: V		APPROACH ROAL		INSPECTOR 2:		
DETOUR:	18.00 MILES	DIRECTION OF TRAFFIC: 1	-LN/2-WAY	CURB TO	CURB: 20 FT 0 IN	INSPECTOR 3:		
NHS:		FUNCTIONAL CLASS: R			<b>D OUT:</b> 21 FT 0 IN	** When calculated interv		
BUILT:	1933	NBI OWNER: N			<b>AADT:</b> 1126	G		
REHAB:	S 34 T 23 R 3 E	NBI MAINTAINED: N MAINTENANCE DISTRICT: S			<b>YEAR:</b> 2021			
	36 35 42.93 (DMS)	MAINTENANCE DISTRICT: S MAINTENANCE COUNTY: R			<b>FRUCK:</b> 12.1% E <b>AADT:</b> 1689			
	90 43 35.24 (DMS)	SUB AREA: 7		FUTURE AADT				
Loncontepti	50 15 55121 (B116)							
	***FRACTURE CRI	TICAL INSPECTION INFO	RMATION***			***INDEPTH INSPECT		
DATE:	RESPON	SIBILITY:	CATEGORY:		DATE:	<b>RESPONSIBILITY:</b>		
FREQUENCY:	CALCULATED INT	ERVAL**:	NBI:		-	ALCULATED INTERVAL**:		
TEAM LEADER:		ECTOR 3:	<b>METHOD:</b>		TEAM LEADER:	<b>INSPECTOR 3:</b>		
<b>INSPECTOR 2:</b>	INSP	ECTOR 4:			<b>INSPECTOR 2:</b>	<b>INSPECTOR 4:</b>		
** When calculated in	nterval exceeds the frequency, a justi	fication comment per BIRM is require	ed.		** When calculated interval exceeds the	ne frequency, a justification comr		
	FRACTURE C	RITICAL INSPECTION COM	MENTS		INDEPTH INSPEC			
	***SPECIAL	INSPECTION INFORMATIO	DN***		**	*UNDERWATER INSPE		
DATE: (	<b>DATE:</b> 05/12/2021 <b>RESPONSIBILITY:</b> DISTRICT <b>CATEGORY:</b> CHANNEL CROSS SEC			NEL CROSS SEC	DATE: 01/26/2022 RESPONSIBILITY:			
FREQUENCY: 24       CALCULATED INTERVAL**: 23		NBI: NO			CALCULATED INTERVAL**:			
<b>TEAM LEADER:</b> ED HESS <b>INSPECTOR 3:</b>		METHOD: WT TA	PE	TEAM LEADER: ED HESS	<b>INSPECTOR 3:</b>			
<b>INSPECTOR 2:</b>	INSP	ECTOR 4:			<b>INSPECTOR 2:</b>	<b>INSPECTOR 4:</b>		
** When calculated in	terval exceeds the frequency, a justi	** When calculated interval exceeds the frequency, a justification com						
	SPECIA	UNDERWATER INSP						
	OTHE	R SPECIAL INSPECTIONS				OTHER UNDERWA		
<b><u>DATE</u> <u>FREQU</u></b> 05/05/2017 9		NBI CALCULATED INTERVAL NO 12		<u>METHOD</u> /ISUAL, PROBE	<u>DATE FREQUENCY C</u>	<u>ATEGORY NBI CAL</u>		
Design_No = S0814								

December 21, 2022 10:15:49AM

## 814

# BRIDGE INSPECTION INFORMATION\*\*\* '26/2022 RESPONSIBILITY: DISTRICT CALCULATED INTERVAL\*\*: CALCULATED INTERVAL\*\*: O HESS ELEMENT: NO INSPECTOR 4: CALCULATED INTERVAL\*

erval exceeds the frequency, a justification comment per BIRM is required. **GENERAL INSPECTION COMMENTS** 

CTION INFORMATION\*\*\*':CAT

CATEGORY: NBI: METHOD:

mment per BIRM is required.

ECTION COMMENTS

# **PECTION INFORMATION\*\*\***

Y: DISTRICT \*\*: 24 3: 4: CATEGORY: DRY NBI: NO METHOD: VISUAL

comment per BIRM is required.

SPECTION COMMENTS

VATER INSPECTIONS ALCULATED INTERVAL RESPONSIBILITY

**METHOD** 

MODOT		Ν	Iissouri Department	_			December 21, 2022 10:15:49AM
		State Bridge Insp	_				
COUNTY: RIPLEY	DISTRICT: SI		CLASS: STATBR	FED-ID:	8855	BRIDGE: S0814	
				CTURE POSTING***			
APPROVED CATEGORY: S-5 Ton 1: 16	CENTERLINE OF BRIDGE AND Ton 2:	TRUCKS OVER	16 TONS 15 MPH ON BRI Ton 3:	DGE.			
COMMENTS:	100 2:		1011 5:				
FIELD CATEGORY: S-16 Ton 1: 16 COMMENTS:	TRKS OVR 16 TNS 15MPH ON Ton 2: 22	BR EXCPT SNG	LE UNIT TRKS WT LIMIT 2 Ton 3: 39	22 TNS&ALL OTHR TRKS PROBLEM:		PROBLEM DIRECTION:	
			***GENERAL COMM	ENTS/MAJOR RATED ITH	EMS***		
GENERAL COMMENTS: (BOWDEJ1, 08/28	3/2008)(26'-45'-18') SMP WF GDR SPA	NS					
[ITEM 58] DECK: 4 RATING: 0		COMMENT	<b>FS:</b> (MUSSED, 03/21/2006)	PACK RUST HAS LIFTED DECK	X 1/2" AND IS	CAUSING DECK TO POUND	
[ITEM 59] SUPER: 5 RATING: 0		COMMENT	"S: (DENNIB1, 01/25/2016)	SECTION LOSS			
[ITEM 60] SUB: 5 RATING: 0	-FAIR CONDITION 1/31/2022	COMMENT	<b>S:</b> (SHRUBM1, 03/05/2012)	SCALING			
[ITEM 61] BANK/CHANNEL: 6 RATING: 0	-WIDESPREAD MINOR DAMAGE 1/16/2014	COMMENT	`S:				
[ITEM 113] SCOUR: 3 RATING : 0 EVALUATION TYPE :	-SCOUR CRITICAL-UNSTABLE 6/15/2005	COMMENT		AL INDICATES BOULDERS ANI			IMBER PILING BY COMBINATION SCOUR .9 SM. RECOMMENDED ITEM 113 RATING
[ITEM 71] WATERWAY ADEQUACY: D RATING: 0		COMMENT	S:				
[ITEM 72] APPRRDWY ALIGNMENT: 6 RATING: 0		COMMENT	rs:				
		***RAILING	GAND APPROACH PA	VEMENT COMPONENTS	AND RAT	INGS***	
[ITEM 36A] BRIDGE RAILING RATIN	G: DOESNT MEET CURRNT STND-0		<b>RATING:</b> 01/16/2008	COMMENTS:			
<u>MATERIAL</u> REINFORCED CONCRETE	<u>CONSTRUCTION</u> CURB	<u>DIRECTION</u> BOTH	<u>COMMENTS</u>				
STEEL	CHANNEL-DOUBLE	BOTH					
[ITEM 36B] TRANSITION RAILING RATIN	NG: NOT PROVIDED-0		<b>RATING:</b> 05/18/2001	COMMENTS:			
[ITEM 36C] APPROACH RAILING RATIN	NG: NOT PROVIDED-0		<b>RATING :</b> 05/18/2001	COMMENTS:			
[ITEM 36D] RAIL END TREATMENT RATIN	NG: NOT PROVIDED-0		<b>RATING :</b> 05/18/2001	COMMENTS:			
Design_No = S0814				Page 2			

December	21,	2022
10:1	5:4	9AM

MoDOT		Missouri Department of Transportation State Bridge Inspection Report									
	COUNTY: RIPLEY	TY: RIPLEY		DISTRICT: SE		CLASS: STATBR		FED-ID	BRI	DGE: S081	
	ROACH PAVEMENT:			-	-						
<u>MATER</u> ASPHA		<u>CONSTRUCTI</u> BITUMINOUS N		I <u>RECTION</u> BOTH		N <i>DITION*</i> GOOD	<u>COMMENTS</u>	<u>S</u>			
			***DRAINA	AGE, EXPA	ANSION DE	VICES, BANK	/SLOPE, AN	ND DECK PF	ROTECTIVE	COMPONEN	NTS***
<u>ECK PROTECTIVE CO</u> <u>SERIES TYPE-#</u>	<u>DMPONENTS:</u> <u>COMPON</u>	IENT	MATER	IAL		<b>CONSTRUCTION</b>	7 7	THICKNESS	YEAR APPLIE	<u>D</u> <u>MANUFAC</u>	CTURE
MAIN SERIES-1	WEARING SU		ASPHA			UMINOUS SEAL C		1.4 IN	2016		
<u>COMMEN</u>	<u>/T:</u>										
	DECK PROT	ECTION	NOTAPPL	CABLE		NONE					
<u>COMMEN</u>	/ <u>T:</u>										
	MEMBRA	4NE	NOTAPPL	CABLE		NONE					
<u>COMMEN</u>	<u>/T:</u>										
RAINAGE COMPONE	NTS:										
	<u>COMPON</u>	<b>ENT</b>	MATER	IAL		<b>CONSTRUCTION</b>	r	<u>DIRECTION</u>	<u>COMMEN</u>	TS .	
	DRAINA	IGE	REINFORCED			CURB OUTLET				_	
XPANSION DEVICE C											
<u>SUB UNIT-#</u>	<u>SUB LABEL</u>	<u>COMPONENT</u> LOSED EXPANSION .	IONT	<u>MATE</u>			NSTRUCTION		<u>GAP</u> <u>Y</u>	EAR APPLIED	<u>MANUFA</u>
BENT-2		OSED EXPANSION .	JOINT	FE	LI	Γ1.	LLED JOINT				
<u>COMMEN</u>	<u></u>										
BENT-3	CL	OSED EXPANSION .	JOINT	FE	LT	FL	LLED JOINT				
<u>COMMEN</u>	/ <u>T:</u>										
ANK/SLOPE PROTEC	TION COMPONENTS:										
	<u>COMPON</u>		MATER	<u>IAL</u>		<b>CONSTRUCTION</b>	r	<u>DIRECTION</u>	<u>COMMENT</u>	<u>rs</u>	
	BANK PROT	ECTION	ROC	Κ		GROUTED		ВОТН			
						***DECK	COMPONE	NTS***			
SPAN TYPE-#		PONENT	MATER			<b>CONSTRUCTION</b>	<u> </u>	<u>DMMENTS</u>			
MAIN SPANS-1	DI C <b>ONDITION</b>	ECK	REINFORCED ITION 1	CONCRETE	LOCATION 2	CAST-IN-PLACE	SEVERITY	<u>MEASURE</u>	MENT COM	MENIT	
	ELAMINATION		NDOM		LOCATION 2		<u>SEVENIII</u> MINOR	MEASURE		<u>MENT</u>	
	BAR EXPOSED		UGHOUT				MINOR				
TRAN	SVERSE CRACKS	THRO	UGHOUT				MANY				
MAIN SPANS-2	DI	ECK	REINFORCED	CONCRETE		CAST-IN-PLACE					
	<u>CONDITION</u>		TION 1		LOCATION 2		<u>SEVERITY</u>	<u>MEASURE</u>	<u>MENT</u> <u>COM</u>	<u>MENT</u>	
	TERIORATION		DGE			]	MODERATE				
	I STEEL SPALLS	BO	ТТОМ				MANY				

)814

OVERALL CONDITION GOOD

FACTURE

**OVERALL CONDITION** 

IODOT		Missouri Departme State Bridge In	-			
COUNTY: RIPLEY	DISTRICT: SE	CLASS: STATBR		FED-ID: 8855	5	BRIDGE: S0
MAIN SPANS-3 DECK <u>CONDITION</u> DETERIORATION TRANSVERSE CRACKS	<i>REINFORCED CONCRET</i> <u>LOCATION 1</u> EDGE THROUGHOUT	TE CAST-IN-PLA <u>LOCATION 2</u>	I <i>CE</i> <u>Severity</u> Moderate Many	<u>MEASUREMENT</u>	<u>COMMENT</u>	
		***SUPERSTR	UCTURE CO	MPONENTS***		
SERIES TYPE-# SPAN TYPE	<u>MATERIAL</u>	<u>CONSTRUCT</u>		LABEL	<u>COMMENTS</u>	
MAIN SERIES-1 SIMPLE SPAN	STEEL	WIDE FLANGE G	IRDERS			
<u>SPAN</u> <u>COMPOSITE INI</u>	<u>DICATOR LENGTH WEATH</u>	<u>ERING STEEL</u> <u>COMMENTS</u>	5			
MAIN SPANS-1 NON-COMPC	SITE 26 FT 5 IN	NO				
<u>CONDITION</u>	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
DECK LIFTING	TOP FLANGE		MODERATE			
RUSTING	TOP FLANGE		MODERATE			
SECTION LOSS	AT JOINTS		MINOR			
SECTION LOSS	TOP FLANGE		MINOR			
MAIN SPANS-2 NON-COMPC	SITE 45 FT 4 IN	NO				
<u>CONDITION</u>	<u>LOCATION 1</u>	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
DECK LIFTING	TOP FLANGE		MODERATE			
RUSTING	TOP FLANGE		MODERATE			
SECTION LOSS	AT JOINTS		MINOR			
SECTION LOSS	TOP FLANGE		MINOR			
MAIN SPANS-3 NON-COMPC <u>CONDITION</u> DECK LIFTING RUSTING SECTION LOSS SECTION LOSS	OSITE 18 FT 5 IN LOCATION 1 TOP FLANGE TOP FLANGE AT JOINTS TOP FLANGE	NO <i>LOCATION 2</i>	<u>SEVERITY</u> MODERATE MODERATE MODERATE MINOR	<u>MEASUREMENT</u>	<u>COMMENT</u>	
		***SUBSTRU	<b>CTURE COM</b>	PONENTS***		
	ENGTH MATERIAL	<u>CONSTRUCTION</u>	<u>LABEL</u>	<u>COMMENTS</u>		
	FT 1 IN REINFORCED CONCRETE					
<u>CONDITION</u>	LOCATION 1	LOCATION 2		<u>SEVERITY</u> <u>MEA</u>	<u>SUREMENT</u> <u>C</u>	<u>OMMENT</u>
ASSOCIATED COMPONENT	<u>MATERIAL</u>	<u>CONSTRUCTIO</u>				
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE				
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>.</u>		<u>SUREMENT</u> <u>C</u>	<u>OMMENT</u>
SCALING	BEAM CAP			MINOR		
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE				01/1/02/27
<u>CONDITION</u>	LOCATION 1	<u>LOCATION 2</u>	-	<u>SEVERITY</u> <u>MEA</u> ,	<u>SUREMENT</u> <u>C</u>	<u>OMMENT</u>
STRAIGHT WINGS	REINFORCED CONCRETE	CAST-IN-PLACE				
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	2	<u>SEVERITY</u> <u>MEA</u>	<u>SUREMENT</u> <u>CO</u>	<u>OMMENT</u>
FOOTING	REINFORCED CONCRETE	SPREAD				owner:
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	-	<u>SEVERITY</u> <u>MEA</u>	<u>SUREMENT</u> <u>CO</u>	<u>OMMENT</u>
BACKWALL	REINFORCED CONCRETE	CAST-IN-PLACE				OMMENT
<u>CONDITION</u>	LOCATION 1	<u>LOCATION 2</u>	2		<u>SUREMENT</u> <u>CO</u>	<u>OMMENT</u>
REBAR EXPOSED	RANDOM STEEL	SLIDING FLAT P		MINOR		
EXPANSION BEARING						

Design\_No = S0814

Page 4 This report contains information that is protected from disclosure by federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Section 610.021 RSMo. Please review MoDOT's policy and procedure manual on the Sunshine Act before releasing any of the information contained herein.

#### December 21, 2022 10:15:49AM

# 0814

MODOT		Missouri Department of Tran	-		
		State Bridge Inspection I	Report		
COUNTY: RIPLEY	DISTRICT: SE	CLASS: STATBR	FED-I	D: 8855	BRIDGE: S08
CONDITION	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BENT-2 RA-15 DEGREES 21	FT 5 IN REINFORCED CONCRETE	MULTIPLE COLUMN			
<u>CONDITION</u>	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
ASSOCIATED COMPONENT	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	LOCATION 1	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DELAMINATION	BOTTOM		MODERATE		
SCALING	BEAM CAP		MINOR		
COLUMN <u>CONDITION</u>	REINFORCED CONCRETE <u>LOCATION 1</u>	CAST-IN-PLACE <u>LOCATION 2</u>	<u>SEVERITY</u>	MEASUREMENT	COMMENT
SCALING	THROUGHOUT	LOCATION 2	<u>SEVERITI</u> MODERATE	MEASUREMENT	COMMENT
VERTICAL CRACKS	THROUGHOUT		FEW		
FOOTING	REINFORCED CONCRETE	SPREAD	12.0		
CONDITION	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	<b>MEASUREMENT</b>	<u>COMMENT</u>
EXPANSION BEARING	STEEL	SLIDING CURVED/FLAT PL			
<u>CONDITION</u>	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	FT 5 IN REINFORCED CONCRETE	MULTIPLE COLUMN			COMMENT
<u>CONDITION</u> ASSOCIATED COMPONENT	<u>LOCATION 1</u> MATERIAL	<u>LOCATION 2</u> CONSTRUCTION	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BEAM CAP	<u>MATERIAL</u> REINFORCED CONCRETE	CAST-IN-PLACE			
CONDITION	LOCATION 1	LOCATION 2	SEVERITY	MEASUREMENT	COMMENT
DELAMINATION	BOTTOM		MODERATE		COMMENT
REBAR EXPOSED	BOTTOM		MODERATE		
SCALING	BEAM CAP		MINOR		
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
SCALING	THROUGHOUT		MODERATE		
VERTICAL CRACKS	THROUGHOUT		FEW		
FOOTING	REINFORCED CONCRETE	SPREAD	GEVEDITV	MEACUDEMENT	COMMENT
<u>CONDITION</u> EXPANSION BEARING	<u>LOCATION 1</u> STEEL	<u>LOCATION 2</u> SLIDING CURVED/FLAT PL4	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
EXPANSION BEARING CONDITION	STEEL LOCATION 1	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	COMMENT
		LOCATION 2	<u>SLV LMIT</u>	MLASURLMLIT	COMMENT
ABUTMENT-4 RA-15 DEGREES 21	FT 1 IN REINFORCED CONCRETE	NON-INTEGRAL			
<u>CONDITION</u>	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
ASSOCIATED COMPONENT	<u>MATERIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	<u>LOCATION 1</u>	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
DELAMINATION	RANDOM		MODERATE		
SCALING COLUMN	BEAM CAP REINFORCED CONCRETE	CAST DI DI ACE	MINOR		
COLOMIN CONDITION	LOCATION 1	CAST-IN-PLACE <i>LOCATION 2</i>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	COMMENT
STRAIGHT WINGS	REINFORCED CONCRETE	CAST-IN-PLACE	<u>SLV LRITT</u>	MLASCREMENT	COMMENT
<u>CONDITION</u>	LOCATION 1	LOCATION 2	<b>SEVERITY</b>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FOOTING	REINFORCED CONCRETE	SPREAD	<u>527 BIULL</u>		
<u>CONDITION</u>	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BACKWALL	REINFORCED CONCRETE	CAST-IN-PLACE			
<u>CONDITION</u>	LOCATION 1	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
REBAR EXPOSED	RANDOM		MINOR		

Design\_No = S0814

Page 5 This report contains information that is protected from disclosure by federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Section 610.021 RSMo. Please review MoDOT's policy and procedure manual on the Sunshine Act before releasing any of the information contained herein.

#### December 21, 2022 10:15:49AM

# 50814

MODOT				Missouri Depa		-		
	COUNTY DIDI EV		DICTDICT. CF		lge Inspection	-	ID. 0055	DDIDCE, SA
	COUNTY: RIPLEY NSION BEARING		DISTRICT: SE	CLASS: STA	FLAT PLATE	FED	-ID: 8855	BRIDGE: S0
EAPA	CONDITION		LOCATION 1	<u>LOCATIO</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
				***OVER/UNDER	ROUTES CLEA	RANCE INFO	ORMATION***	
CLEARANCES OVER		**NOTE: Vertical	clearances for permitting purposes are tak	en as 2 inches less than the actual f	ield measured clearance.			
VERTICAL CLI	EARANCE TYPE**	VALUE	DIRECTION DATE	<u>COMMENT</u>				
CLEARANCES UNDE	R BRIDGE	**NOTE: Vertical	clearances for permitting purposes are tak	en as 2 inches less than the actual f	ield measured clearance.			
RECORD #	ROUTE	<u># LANES</u>	DIRECTION OF TRAFFIC			<u>LEFT LATE</u>	RAL CLEARANCE	<u>UR-I</u>
VERTICAL CLI	EARANCE TYPE**	VALUE	DIRECTION DATE	<u>COMMENT</u>				
				***STD11	TURE PAINT I	INFORMATIC	<b>`N</b> ***	
CONDITION:	FAIR	RUS	<b>T AMOUNT :</b> 5=3.0% OF SUF		<u>CTURE PAINT I</u> STEEL TON		DN***	
CONDITION:	FAIR ORIGINAL PAINT	RUS			CTURE PAINT I STEEL TON		DN***	DEPARTMEN
		RUS		FACE RUSTED NTRACT REPAINT		<b>S</b> : 17	DN***	DEPARTMEN
PAIN	<u>ORIGINAL PAINT</u> T TYPE : NAME :	RUS	<u>COP</u> PAINT TYP NAM	FACE RUSTED <u>NTRACT REPAINT</u> PE : 1E :		S: 17 PAINT	T <b>TYPE :</b> B SYSTEM NAME : BASIC LEAD (	
PAIN PAINT	ORIGINAL PAINT T TYPE : NAME : COLOR :	RUS	<u>COP</u> PAINT TYP NAM PAINT COLO	FACE RUSTED <u>NTRACT REPAINT</u> PE : IE : DR :		S: 17 PAINT PAINT C	T <b>TYPE :</b> B SYSTEM <b>NAME :</b> BASIC LEAD C OLOR : ALUMINUM	
PAIN PAINT	<u>ORIGINAL PAINT</u> T TYPE : NAME :	RUS	<u>COP</u> PAINT TY NAM PAINT COLO PAINT YEA	FACE RUSTED <u>NTRACT REPAINT</u> PE : IE : DR :		S: 17 PAINT PAINT C	T <b>TYPE :</b> B SYSTEM NAME : BASIC LEAD (	
PAIN PAINT	ORIGINAL PAINT T TYPE : NAME : COLOR : T YEAR : 1933	RUS	<u>COP</u> PAINT TY NAM PAINT COLO PAINT YEA	FACE RUSTED NTRACT REPAINT PE : 1E : DR : NR : LS :		S: 17 PAINT PAINT C PAINT	T <b>TYPE :</b> B SYSTEM NAME : BASIC LEAD C OLOR : ALUMINUM Y <b>YEAR :</b> 1986 MILS : 9	
PAIN PAINT	ORIGINAL PAINT T TYPE : NAME : COLOR : T YEAR : 1933 MILS :	RUS	<u>COP</u> PAINT TY NAM PAINT COLO PAINT YEA	FACE RUSTED NTRACT REPAINT PE : 1E : DR : NR : LS :	STEEL TON	S: 17 PAINT PAINT C PAINT	T <b>TYPE :</b> B SYSTEM NAME : BASIC LEAD C OLOR : ALUMINUM Y <b>YEAR :</b> 1986 MILS : 9	
PAIN PAINT PAIN	ORIGINAL PAINT T TYPE : NAME : COLOR : T YEAR : 1933 MILS : COMMENTS:		<u>COP</u> PAINT TY NAM PAINT COLO PAINT YEA	FACE RUSTED NTRACT REPAINT PE : 1E : DR : NR : LS :	STEEL TON	S: 17 PAINT PAINT C PAINT DRK ITEMS**	T <b>TYPE :</b> B SYSTEM NAME : BASIC LEAD C OLOR : ALUMINUM Y <b>YEAR :</b> 1986 MILS : 9	CHROMIUM
PAIN PAINT PAIN GENERAL WORK	ORIGINAL PAINT T TYPE : NAME : COLOR : T YEAR : 1933 MILS : COMMENTS:		<u>CO</u> PAINT TY NAM PAINT COLO PAINT YEA MI	FACE RUSTED NTRACT REPAINT PE : IE : DR : AR : LS : ***RI	STEEL TON	S: 17 PAINT PAINT C PAINT DRK ITEMS**	TYPE : B SYSTEM NAME : BASIC LEAD C OLOR : ALUMINUM YEAR : 1986 MILS : 9	CHROMIUM
PAIN PAINT PAIN GENERAL WORK	ORIGINAL PAINT T TYPE : NAME : COLOR : T YEAR : 1933 MILS : COMMENTS:		<u>CO</u> PAINT TY NAM PAINT COLO PAINT YEA MI	FACE RUSTED NTRACT REPAINT PE : IE : DR : AR : LS : ***RI	STEEL TON	S: 17 PAINT PAINT C PAINT DRK ITEMS**	TYPE : B SYSTEM NAME : BASIC LEAD C OLOR : ALUMINUM YEAR : 1986 MILS : 9	CHROMIUM
PAIN PAINT PAIN GENERAL WORK	ORIGINAL PAINT T TYPE : NAME : COLOR : T YEAR : 1933 MILS : COMMENTS:		<u>CO</u> PAINT TY NAM PAINT COLO PAINT YEA MI	FACE RUSTED NTRACT REPAINT PE : IE : DR : AR : LS : ***RI	STEEL TON	S: 17 PAINT PAINT C PAINT DRK ITEMS**	TYPE : B SYSTEM NAME : BASIC LEAD C OLOR : ALUMINUM YEAR : 1986 MILS : 9	CHROMIUM
PAIN PAINT PAIN GENERAL WORK	ORIGINAL PAINT T TYPE : NAME : COLOR : T YEAR : 1933 MILS : COMMENTS:		<u>CO</u> PAINT TY NAM PAINT COLO PAINT YEA MI	FACE RUSTED NTRACT REPAINT PE : IE : DR : NR : LS : ***R CATEGORY	STEEL TON	S: 17 PAINT PAINT C PAINT DRK ITEMS**	TYPE : B SYSTEM NAME : BASIC LEAD ( OLOR : ALUMINUM YEAR : 1986 MILS : 9 **	CHROMIUM
PAIN PAINT PAIN GENERAL WORK	ORIGINAL PAINT T TYPE : NAME : COLOR : T YEAR : 1933 MILS : COMMENTS:		<u>CO</u> PAINT TY NAM PAINT COLO PAINT YEA MI	FACE RUSTED NTRACT REPAINT PE : IE : DR : NR : LS : ***R CATEGORY	STEEL TON	S: 17 PAINT PAINT C PAINT DRK ITEMS**	TYPE : B SYSTEM NAME : BASIC LEAD ( OLOR : ALUMINUM YEAR : 1986 MILS : 9 **	CHROMIUM
PAIN PAINT PAIN GENERAL WORK	ORIGINAL PAINT T TYPE : NAME : COLOR : T YEAR : 1933 MILS : COMMENTS:		<u>CO</u> PAINT TY NAM PAINT COLO PAINT YEA MI	FACE RUSTED NTRACT REPAINT PE : IE : DR : NR : LS : ***R CATEGORY	STEEL TON	S: 17 PAINT PAINT C PAINT DRK ITEMS**	TYPE : B SYSTEM NAME : BASIC LEAD ( OLOR : ALUMINUM YEAR : 1986 MILS : 9 **	

This report contains information that is protected from disclosure by federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Section 610.021 RSMo. Please review MoDOT's policy and procedure manual on the Sunshine Act before releasing any of the information contained herein.

# 0814

#### R-ID

# ENT REPAINT

MANUFACTURE : SURFACE PREP :

MODOT		-	artment of Transporta dge Inspection Report		
COUNTY: RIPI	LEY DISTRIC	CT: SE CLASS: ST	TATBR	FED-ID: 8855	BRIDGE: S081
UTILITY	OWNER METH	HOD MEASUREMENT TYPE	VALUE NU	UMBER UTILITY	Y ATTACHMENT COMMENT
		***PRO	GRAM NOTES INFORM	ATION***	
YEAR 2025PROJECT # SE0031MONTH 1	H LET YEAR LET ITEMS 2025			COMMEN	<u>r</u>
		GS AND DEFICIENCY ITEMS**			***ADVANCEI
NOTE: The items listed in this section are <u>Rated Item</u>	updated whenever computer edits are range <u>Rating</u>	an on a structure after the inspection updates <u>Rating Date</u>	have been entered in to TMS.	<b>SIGN #</b> 1	<b>SIGN TYPE</b> B - ONE LANE BRIDGE
[Item 67] Structure Evaluation Rating: [Item 68] Deck Geometry Rating:	2-BASICALLY INTOLRBLE R 2-BASICALLY INTOLRBLE R	•		2	YIELD TO ONCOMING TRAFFI
[Item 69] Underclearance: Sufficiency Rating:	N-NOT APPLICABLE 42.2%	5/18/2001 3/8/2022			
Deficiency:	STRUCTURAL	4/2/2003			
Funding Eligibility:	FULL				<b>***OUTFALL INS</b>
Estimated New Structure Length:	125 FT.			# OUTFALLS:	I
Estimated Structure Cost: Estimated Total Project Cost:	\$421,007 \$631,511			STATUS:	
Year of Cost Estimate:	2022				
NOTE: The above structure length and cost generalized to use NBI items to come up wit square foot. The actual structure size and co	estimates are computer generated using the a new structure length and width to ca	g algorithims in the TMS system. These algo alculate a new area which is taken times a re	presentative cost per	NOTES:	

Page 7 This report contains information that is protected from disclosure by federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Section 610.021 RSMo. Please review MoDOT's policy and procedure manual on the Sunshine Act before releasing any of the information contained herein.

814

#### ED SIGN INFORMATION\*\*\* PROBLEM

PROBLEM DIRECTION

FFIC

# **SPECTION INFORMATION\*\*\***

# **INSPECTOR:** DATE:

MODOT	-		Missouri Department of T	ransportation	
	1		State Bridge Inspection	on Report	
	<b>COUNTY: RIPLEY</b>	DISTRICT: SE	CLASS: STATBR	FED-ID: 8855	BRIDGE: S081

Page 8 This report contains information that is protected from disclosure by federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Section 610.021 RSMo. Please review MoDOT's policy and procedure manual on the Sunshine Act before releasing any of the information contained herein.

#### December 21, 2022 10:15:49AM

# 0814



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

COUNTY:RIPLEYBRIDGE:\$0814RECORD TYPE:ROUTE CARRIED 'ON' STRUCT	REVIEW STATUS :CONVERTEDNBI STATUS :TRUN DATE :3/9/2022SUBMITTAL YEAR :2022
GENERAL STRUCTURE INFORMATION	ROUTE DESIGNATION INFORMATION
GENERAL STRUCTURE INFORMATION1StateMISSOURI2DistrictSE3CountyRIPLEY8Federal ID No.885527Year Built1933106Year Reconstructed042AType of Service OnHIGHWAY21Structure MaintenanceSTATE HIGHWAY AGENCY22Structure OwnerSTATE HIGHWAY AGENCY33Br. Median CodeNO MEDIAN37Historical SignificanceHISTORICAL SIGNIF UNKNWN101Parallel Struc DesgNONE EXISTS103Temporary StructureNOT TEMPORARY112NBIS Bridge LengthYES	ROUTE DESIGNATION INFORMATIONSARecord TypeROUTE CARRIED 'ON' STRUCT5BRoute Signing PrefixMO5CDesignated Level of ServiceMAINLINE5DRoute Number001425EDirectional SuffixNOT APPLICABLE7Facility CarriedMO 142 E12Base Hwy. NetworkYES13ALRS Inventory Route No.000000110713BSubroute No.0020Toll StatusON FREE ROAD26Functional Classification06-RURAL MINOR ARTERIAL28ALanes on Structure01100STRAHNET DesignationRTE NOT A DEFENSE HWY104National Highway SystemNOT ON NHS
	105     Federal Lands Highway     NOT APPLICABLE
STRUCTURE LOCATION INFORMATION	110     Designated Nat. Network     NO       STRUCTURE TRAFFIC INFORMATION
	1126
4     Place     VARNER       Code     75778	29         AADT         1126           30         AADT Year         2021
9 Location S 34 T 23 N R 3 E	102     Direction of Traffic   ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 90.10 miles	109 AADT Truck Percent 12%
16 Latitude 36 D 35 M 43 S	114 Future AADT 1689
17         Longitude         90 D         43 M         35 S	115     Future AADT Year     2041
UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected HARRIS CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 18.13 miles
28B     Lanes Under Structure     00	32 Approach Roadway Width 20 Ft. 0 In.
54A Vert. Clearance Ref. N/A	34 Skew 15.00 Degrees
54B     Vert. Clearance     0 Ft. 0 In.	35 Struct. Flared NO
55A Rt. Lat Clear Ref. N/A	47 Total Horiz. Clear 20 Ft. 0 In.
55B Rt. Lat Clearance 0 Ft. 0 In.	48 Maximum Span Length 45 Ft. 3 In.
56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 89 Ft. 11 In.
38 Navigation Control PERMIT NOT REQ	50A Left Curb/Sidewalk Width 0 Ft. 0 In.
39 Nav Vertical Clear 0 Ft. 0 In.	50B         Right Curb/Sidewalk Width         0 Ft. 0 In.
40 Nav Horizontal Clear 0 Ft. 0 In.	51 Curb to Curb Br. Width 20 Ft. 0 In.
111 Nav. Pier Protection	52 Deck Width (Out-Out) 20 Ft. 12 In.
116 Nav. Cl. Vert. Clear	53 Vert.Clearance Over Deck 99 Ft. 99 In.

Design\_No = S0814 and Inventory\_Appraisal\_Submittal\_Year = 2022

Page: 1



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

COUNTY: RIPLEYBRIDGE:\$0814RECORD TYPE:ROUTE CARRIED 'ON' STRUCT	REVIEW STATUS :CONVERTEDNBI STATUS :TRUN DATE :3/9/2022SUBMITTAL YEAR :2022
LOAD RATING AND POSTING INFORMATION	MATERIAL/CONSTRUCTION INFORMATION
31Design LoadH 1041Structure StatusPOSTED FOR LOAD63Oper. Rating Meth.LOAD FACTOR64Operating Rating21 Tons.65Inventory Rating MethLOAD FACTOR66Inventory Rating12 Tons.70Bridge Posting Code20.0-29.9% BELOW	43AMain Strue. Mat typeSTEEL43BMain strue Constr. TypeSTRINGER/MULTIBEAM - GRD45# of Main Spans344AAppr Strue. Mat type00044BAppr Strue. Cnstr. type00046# of Approach Span0107Deck Mat/Constr.1 CONCRETE CIP
PROPOSED IMPROVEMENT INFORMATION	108A     Wear Surf Mat/Constr.     6 BITUMINOUS
Sufficiency Rating42.2PercentDeficiency RatingSTRUCTURAL	108B     Membrane Mat/Constr.     0 NONE       108C     Deck Protect Mat/Constr.     0 NONE
Funding Eligibility FULL	CONDITION RATING INFORMATION
75A       Proposed Work       REPLACEMENT SUBSTND LOAD         75B       Work Done By       Contract         76       New Struc Length       121 Ft. 5 In.         94       Struc Improve Cost       \$ 421,000         95       Roadway Improve Cost       \$ 42,000	58Deck Cond. Rating459Superstructure Cond. Rating560Substructure Cond. Rating561Channel /Channel Protection Cond. Rating662Culvert Cond. RatingN
96       Total Project Cost       \$ 632,000         97       Year of Cost Estimates       2022	INSPECTION INFORMATION
APPRAISAL RATING INFORMATION         36A       Br. Rail App. Rating       DOES NOT MEET ACCEPT STND         36B       Transition Rail App. Rating       DOES NOT MEET ACCEPT STND         36C       Approach Rail App. Rating       DOES NOT MEET ACCEPT STND         36D       Rail End Treat. App. Rating       DOES NOT MEET ACCEPT STND         36D       Struc Eval App. Rating       2	90Gen. Insp Date1 / 2291Gen. Insp. Frequency24Months92AFrac. Critical InspectionNMonths93AFrac. Critical Insp. Date92BUnderwater InspectionN93BUnderwater Insp. Date93BUnderwater Insp. Date92CSpecial InspectionNMonths
68     Deck Geometry App. Rating     2       69     Underclearance App. Rating     N	93C Special Inspection Date
71       Waterway Adeq. App. Rating       6         72       Approach Road App. Rating       6         113       Scour Assess App. Rating       3	BORDER BRIDGE INFORMATION         98       Neighboring State Code         98B       Neighboring State % Respon         99       Neighboring State Struc. No.
APPROVED POSTING INFORMATION	FIELD POSTING INFORMATION
Approved Posting Category S-5 Ton1 Ton2 Ton3	Field Posting Category S-16 Ton1 Ton2 Ton3
Tonnage Values for Posting Sign 16	Tonnage Values for Posting Sign162239
General Text for Posting Sign	General Text for Posting Sign
CENTERLINE OF BRIDGE AND TRUCKS OVER 16 TONS 15 MPH ON BRIDGE.	TRKS OVR 16 TNS 15MPH ON BR EXCPT SNGLE UNIT TRKS WT LIMIT 22 TNS&ALL OTHR TRKS WT LIMIT 39 TNS.
Design_No = S0814 and Inventory_Appraisal_Submittal_Year = 2022	

Page: 2

# PROJECT SUMMARY REPORT FOR 983685 AS OF Dec 16, 2022

						<b>FROJECT SUN</b>	INIANI KEFUNI	FUR 953065 AS UF	Dec 10, 2022				
		Work Distri	ct SOUTHEAST		Status	ONEDOT APPROVED	Version	APPROVED STIP	Project Manage	r CHRIS (PETE) BERRY	Payment Project	N	
	Award 1	Month/Award Ye	ar / 2025		Letting Date		Estimated Submittal Date	Jan 12, 2022	Let by	y CENTRAL OFFICE	Letting Exclusion	N	
							~						
	P		te MO 142 E				County	RIPLEY					
	De		n Bridge replaceme										
			xs Project involves l	oridge T	0/58.								
		District Commen	ts										
		Project Amoun	ts					Total Estimated C	ost for the Proiect				
		Typical Bridg		je	Pavement	Safety	Mobility	Capital Improvement	Contingency	Other Non-Contractual	Right of Way Acquisition	Preliminary Engineering	Construction Engineering
		12	20		295				:	8	8	75	29
		Total Bridg	ze	120			<b>Cotal Contract Estimate</b>	415	Total Construction	n 423		Total Engineering	104
			<b>,</b>							of Way and Construction	431	Total Project	535
	Yearly	Program Amoun						Amount Progra					
			Prior to 202		2023	2024	2025	2026	2027	2028	Future	Program Total	<b>Project Total</b>
		iminary Engineerin		7	8	32	28					68	75
		truction Engineerin					29					29	29
	Right	t of Way Acquisition		0		8						8	8
		Constructio			0		423					423	423
		Tot	al	7	8	40	480					528	535
							How the District is Fu	nding the Project					
		Funding Categor	ry										
	Asso	et Management - C	N	0	0	0	423	0		0 0	0	423	423
	Asse	et Management - R	W	0	0	8	0	0		0 0	0	8	8
		Tot	al	0	0	8	423	0		0 0	0	431	431
	Funding F	rom Other Sourc	25										
	r unung r	Toti Other Source		0	0	0	0	0		0 0	0	0	0
		Funds Transf											
		Tot	al	0	0	0	0	0		0 0	0	0	0
	Fotal Right of Wa	y and Construction	an l	0	0	8	423	0		0 0	0	431	431
	i otal Right of Wa	y and Construction		U	U	0	423	U		0	0	431	431
		Engineerir	Ig	7	8	32	57	0		0 0	0	97	104
Fundir	ig From Other So	urces - Engineerii	Ig										
		Tot	al	0	0	0	0	0		0 0	0	0	0
		Total Proje	ct	7	8	40	480	0		0 0	0	528	535
		Bridge Cou	nt	1	<b>Railroads Impacted</b>	0	Impro	vement	Action	Detaile	d Work	Federal Funds Category	Initiatives
								BRIDGE		BR	IDGE REPLACEMENT		
Bridges								PAVEMENT	REPLACI		PAVEMENT REBUILD	NHPP	
		T0758	3,				L						
Route	Begin Log	End Log	Begin County	ТМА	Travelway ID	System		Functional	NHS A	AADT Conflict of			
Louit	Dogin Dog	Lina Log	2. gin County	1.1.1.1	I a contra j	System		Class		Interest			

Route	Begin Log	End Log	Begin County	ТМА	Travelway ID	System	Functional Class	NHS	AADT	Conflict of Interest
MO 142 E	96.562	96.762	RIPLEY	Ν	1,107	SUPPLEMENTARY	MINOR ARTERIAL	N	629	Ν
MO 142 W	25.568	25.768	RIPLEY	Ν	1,108	SUPPLEMENTARY	MINOR ARTERIAL	N	508	Ν
Lane Miles     0.4     Centerline I				Centerline Miles	0.2					
		TIP Num	ber							

Planning Organization	Federal District	Senate District	House District

#### PROJECT SUMMARY REPORT FOR 983685 AS OF Dec 16, 2022

OZARK FOOTHILLS REG PLAN COMM	8	25	153
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# PROJECT SUMMARY REPORT FOR 9S3817 AS OF Dec 16, 2022

						FROJECT SUN	IWIAKI KEFUKI	FUR 983817 AS UF	Dec 10, 2022				
		Work Distrie	t SOUTHEAS	Т	Status	ONEDOT APPROVED	Version	APPROVED STIP	Project Manage	r CHRIS (PETE) BERRY	Payment Project	N	
	Award Mo	onth/Award Yea	r 1 / 202	25	Letting Date	Dec 01, 2024	Estimated Submittal Date	Jan 26, 2022	Let by	Y CENTRAL OFFICE	Letting Exclusion	Ν	
		D	DTWC				Country	DIDLEV					
	Deser	Primary Rout			During a Dital 1		County	RIPLEY					
			s Project involv		Drainage Ditch 1.								
		strict Commen		es bridge P	0070.								
	DI	strict Commen	.5										
	]	Project Amoun	s					Total Estimated C	ost for the Project				
		Typical Bridg		ridge	Pavement	Safety	Mobility	Capital Improvement	Contingency	Other Non-Contractua	l Right of Way Acquisition	Preliminary Engineering	Construction Engineering
		49	9		353				1′	7 10	7	148	60
		Total Bridg	je	499		Т	otal Contract Estimate	852	Total Construction	n 879		Total Engineering	208
									Total Right of	of Way and Construction	886	Total Project	1,094
								·					
	Yearly Pr	rogram Amoun				• • • •	•••-	Amount Progra					
			Prior to		2023	2024	2025	2026	2027	2028	Future	Program Total	Project Total
		inary Engineerin	-	14	15	61	58	0				134	148
		ction Engineerin					60					60	60
	Right of	Way Acquisitio				7	0	0				7	070
		Constructio		14	17	(0)	879	0				879	879
		Tota	1	14	15	68	997	0				1,080	1,094
							How the District is Fu	nding the Project					
	F	unding Categor	V					iung the Project					
				0			0.70					0.00	0.50
	Asset N	Management - C	N	0	0	0	879	0		) (	0	879	879
	Asset M	lanagement - RV	V	0	0	7	0	0	(	) (	0	7	7
		Tota		0	0	7	879	0		) (	0	886	886
		100	•	v	Ŭ	1	077	0		5	Ū	000	000
	Funding From	m Other Source Tot		0	0	0	0	0		) 0	0	0	0
		<b>Funds</b> Transfe	r										
		Tota	վ	0	0	0	0	0		0 0	0	0	(
]	Fotal Right of Way a	and Constructio	n	0	0	7	879	0		) (	0	886	880
						<i>(</i> 1	110	0			0	101	• • •
		Engineerin	g	14	15	61	118	0		0 0	0	194	208
F			-										
Fundin	ng From Other Sourc	ces - Engineerin Tota		0	0	0	0	0		)	0	0	0
		100	u	U	U	U	U	0			U	U	U
		Total Proje	et	14	15	68	997	0		) ()	0	1,080	1,094
		Bridge Cour	ıt	1	Railroads Impacted	0	Improv	vement	Action	Detail	ed Work	Federal Funds Category	Initiatives
Bridges								BRIDGE		BI	RIDGE REPLACEMENT	NHPP	
211uges								PAVEMENT	REPLACE	Ξ	PAVEMENT REBUILD	1,1111	
		P0676	,						I				
Route	Begin Log	End Log	Begin County	ТМА	Travelway ID	System		Functional Class	NHS A	ADT Conflict of Interest			

	Route	Begin Log	End Log	Begin County	ТМА	Travelway ID	System	Functional Class	NHS	AADT	Conflict of Interest
	RT W S	0.814	1.014	RIPLEY	Ν	958	SUPPLEMENTARY	MAJOR COLLECTOR	Ν	132	Ν
	RT W N	3.476	3.676	RIPLEY	Ν	959	SUPPLEMENTARY	MAJOR COLLECTOR	Ν	138	Ν
[			Lane M	iles	0.4	Centerline Miles	0.2				

Р	lanning Organization	Federal District	Senate District	<b>House District</b>

**TIP Number** 

#### PROJECT SUMMARY REPORT FOR 9S3817 AS OF Dec 16, 2022

OZARK FOOTHILLS REG PLAN COMM	8	25	153
		20	155

# PROJECT SUMMARY REPORT FOR 9S3848 AS OF Dec 16, 2022

						PROJECT SUN	IMARY REPORT	FUK 953848 AS UF	Dec 10, 2022					
		Work Distric	ct SOUTHEAS	ST	Status	ONEDOT APPROVED	Version	APPROVED STIP	Project Ma	nager CHRIS	(PETE) BERRY	Payment Project	N	
	Award Mo	nth/Award Yea	nr 1 / 20	025	Letting Date	Dec 01, 2024	Estimated Submittal Date	Jan 12, 2022	I	et by CENT	TRAL OFFICE	Letting Exclusion	Ν	
		Primary Rout	to DT W S				County	DIDI EV						
	Descr		n Bridge replac	cement over D	Trainage Ditch 3		County	KII LE I						
			s Project invol											
		strict Comment		ves blidge i o	077.									
		strict Commen												
	l	Project Amoun	ts					Total Estimated C	ost for the Projec	t				
		Typical Bridg	ge Major B	Bridge	Pavement	Safety	Mobility	Capital Improvement	Contingency		on-Contractual	Right of Way Acquisition	Preliminary Engineering	Construction Engineering
		49	9		353					17	10	7	147	6
		Total Bridg	ge	499		Т	otal Contract Estimate	852	Total Constru	ction	879		<b>Total Engineering</b>	20
									Total Ri	ght of Way an	d Construction	886	<b>Total Project</b>	1,09
	Yearly Pr	ogram Amoun						Amount Progra						
			Prior to		2023	2024	2025	2026	2027		2028	Future	Program Total	Project Total
		inary Engineerin	-	14	15	60	58	0					133	14'
		ction Engineerin					60						60	60
	Right of	Way Acquisitio				7	0						7	
		Constructio					879	0					879	879
		Tota	al	14	15	67	997	0					1,079	1,093
							How the District is Fur	ding the Duciest						
	Fi	unding Categor	·y			1	How the District is Fur	luing the Project						
	Asset N	Management - Cl	N	0	(	0	879	0		0	0	0	879	879
	Asset N	lanagement - RV	N	0	(	) 7	0	0		0	0	0	7	,
		Tota		0	0	7	879	0		0	0	0	886	880
	Funding Fro	m Other Source	26											
	T unung TTO	Tota		0	0	0	0	0		0	0	0	0	
		Funds Transfe	) P											
		Tunus Transie Tota		0	(	0	0	0		0	0	0	0	
		100										, i i i i i i i i i i i i i i i i i i i	, i i i i i i i i i i i i i i i i i i i	
T	otal Right of Way a	nd Constructio	n	0	0	7	879	0		0	0	0	886	88
	8 1									1				
		Engineerin	g	14	15	60	118	0		0	0	0	193	20
Funding	g From Other Sourc			0		0	0	0		0	0	0	0	
		Tota	al	0	0	0	0	0		0	0	0	0	
		Total Proje	at	14	15	67	997	0		0	0	0	1,079	1,09
		Total Projec		14	15	0/	997	U		U	U	U	1,079	1,09
		Bridge Cour	nt	1	Railroads Impacted	0	Improv	vement	Action		Detailed	Work	Federal Funds Category	Initiatives
								BRIDGE			BRID	GE REPLACEMENT		
Bridges													NHPP	
								PAVEMENT	REPI	LACE	PA	VEMENT REBUILD		
		P0677	Ί,											
		1												
Route	Begin Log	End Log	Begin County	ТМА	Travelway ID	System		Functional	NHS	AADT	Conflict of			
								Class			Interest			
RT W S	2.300	2.500	RIPLEY		N 958	SUPPLEMENTARY		MAJOR COLLECTOR	N	132	N			

		Lane M	iles	0.4	Centerline Miles	0.2				
RT W N	1.990	2.190	RIPLEY	N	959	SUPPLEMENTARY	MAJOR COLLECTOR	N	138	
RT W S	2.300	2.500	RIPLEY	N	958	SUPPLEMENTARY	MAJOR COLLECTOR	N	132	

TIP Number			
Planning Organization	Federal District	Senate District	House District

# PROJECT SUMMARY REPORT FOR 9S3848 AS OF Dec 16, 2022

OZARK FOOTHILLS REG PLAN COMM	8	25	153
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# PROJECT SUMMARY REPORT FOR SE0031 AS OF Dec 16, 2022

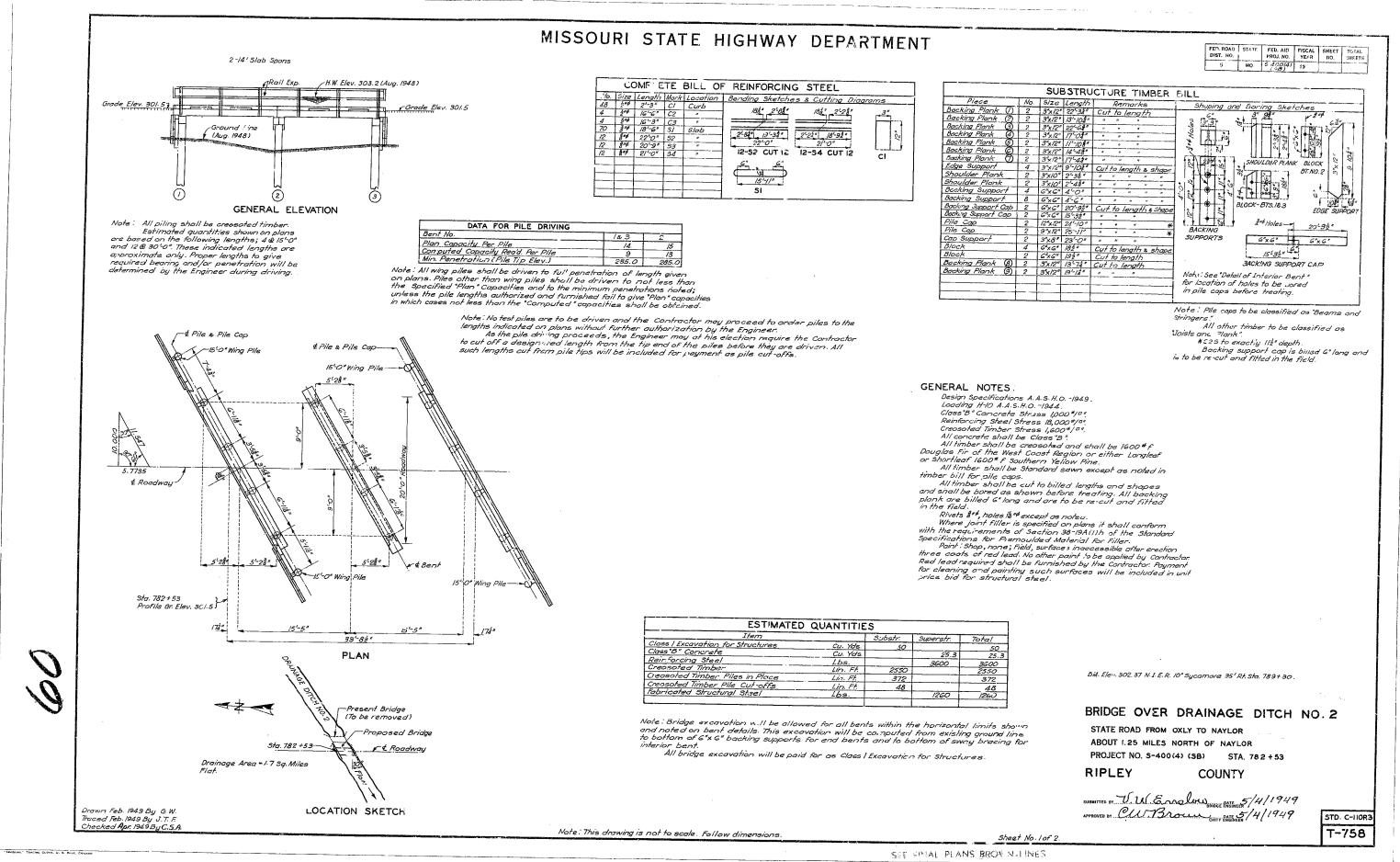
									·					
		Work Distri	ct SOUTHEAST		Status	ONEDOT APPROVED		APPROVED STIP	Project Manag	ger CHRIS (PET	E) BERRY	Payment Project	N	
	Award	Month/Award Ye	ar		Letting Date		Estimated Submittal Date	Jan 20, 2022	Let	by CENTRAL	OFFICE	Letting Exclusion	Ν	
		D	<b>te</b> MO 142 E				Country	DIDLEV						
	Da	escription / Location		mant arran	Housin Cuools		County	RIPLEY						
	De		ks Project involve											
		District Commen		s onuge 3	00014.									
		District Commen	.1.5											
		Project Amoun	ts					Total Estimated C	ost for the Project					
		Typical Bridg		dge	Pavement	Safety	Mobility	Capital Improvement	Contingency	Other Non-C	Contractual	Right of Way Acquisition	Preliminary Engineering	Construction Engineering
		29	93		284					12		14	111	4
		Total Bridg	ge	293		T	<b>Cotal Contract Estimate</b>	577	Total Constructi	on	589		Total Engineering	15
										t of Way and Co	nstruction	603	Total Project	754
								,		•				
	Yearly	y Program Amoun						Amount Progra						
			Prior to 2	023	2023	2024	2025	2026	2027	202	28	Future	Program Total	<b>Project Total</b>
		liminary Engineerii	•		22	46	43						111	11
		struction Engineerin					40						40	40
	Righ	t of Way Acquisition				14							14	14
		Constructio					589						589	58
		Tot	al		22	60	672						754	754
				-				11 J D 1 J			-			
		Funding Categor	ry				How the District is Fu	nding the Project						
	۵۹۶	et Management - C	'N	0	0	0	589	0		0	0	0	589	589
				Ű										
	Asso	et Management - R		0	0	14	0	0		0	0	0	14	14
		Tot	al	0	0	14	589	0		0	0	0	603	60.
	Funding I	From Other Sourc	es											
		Tot	al	0	0	0	0	0		0	0	0	0	
		Funds Transf Tot		0	0	0	0	0		0	0	0	0	
		101		0	0	0	0	0		0	0	0	0	
r	Total Right of Wa	ay and Construction	)n	0	0	14	589	0		0	0	0	603	60
		· <b>y</b> ·· · · · · · · · · ·									-			
		Engineerir	ıg	0	22	46	83	0		0	0	0	151	15
Fundin	ng From Other So	ources - Engineerin												
		Tot	al	0	0	0	0	0		0	0	0	0	(
		Total Proje	ct	0	22	60	672	0		0	0	0	754	754
		Bridge Cou	nt	1	<b>Railroads Impacted</b>	0	Impro	vement	Action		Detailed	l Work	Federal Funds	Initiatives
							· · ·						Category	
Dwidges								BRIDGE			BRI	DGE REPLACEMENT		DII
Bridges								PAVEMENT	REPLAC	CE	р	AVEMENT REBUILD	AC-STBG	BIL
		C001.	1								1			
		S0814	+,											
Route	Begin Log	End Log	Begin County	ТМА	Travelway ID	System		Functional	NHS	AADT (	Conflict of			
Route	Degili Lug	End Log	Degin County	IWIA	Travelway ID	System		Class	1113		Interest			
								Class			interest			

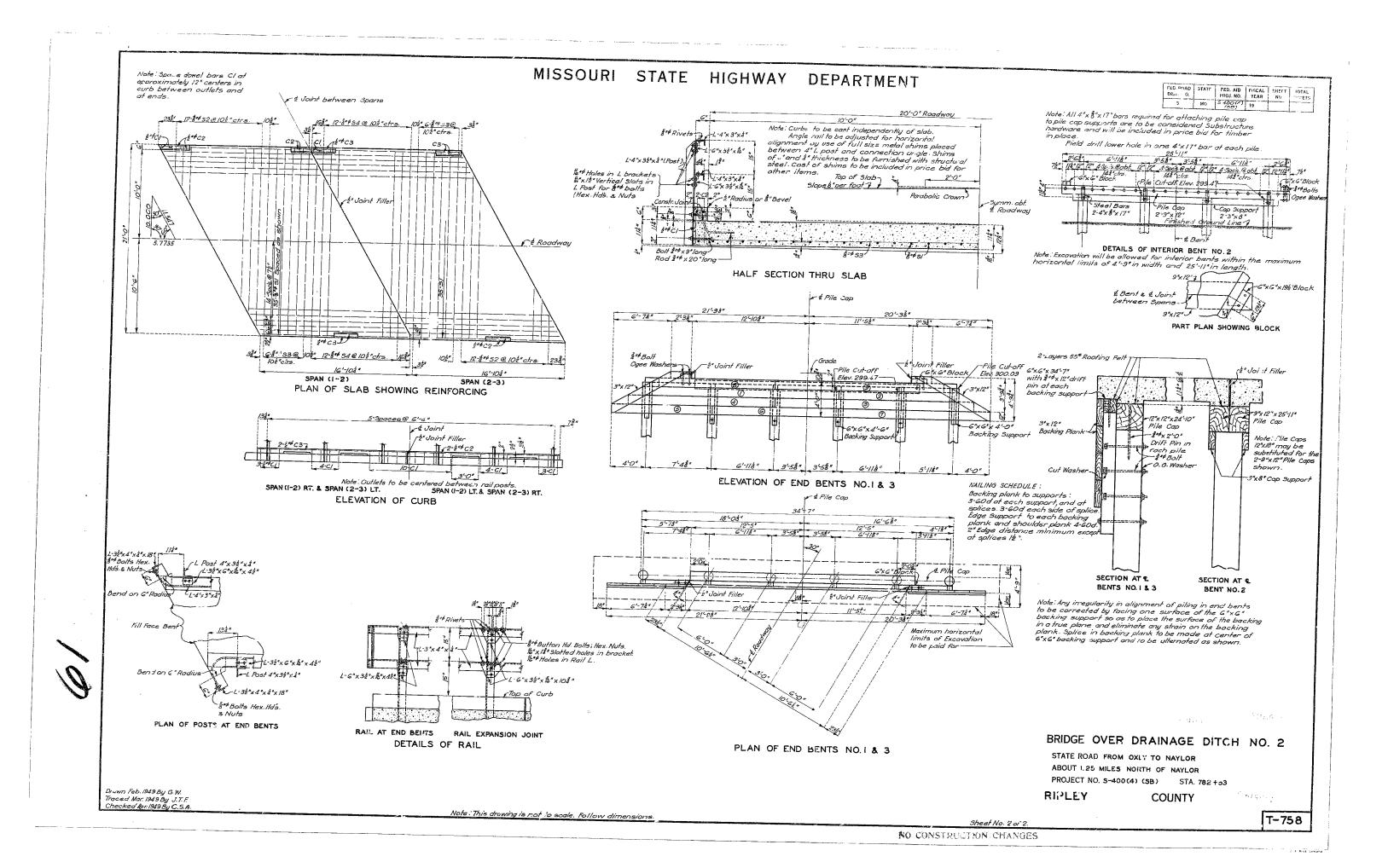
Route	Begin Log	End Log	Begin County	ТМА	Travelway ID	System	Functional Class	NHS	AADT	Conflict of Interest
MO 142 E	89.576	89.614	RIPLEY	N	1,107	SUPPLEMENTARY	MINOR ARTERIAL	N	563	Ν
MO 142 W	32.716	32.754	RIPLEY	N	1,108	SUPPLEMENTARY	MINOR ARTERIAL	N	563	Ν
		Lane Mi	iles	0.076	Centerline Miles	0.038				

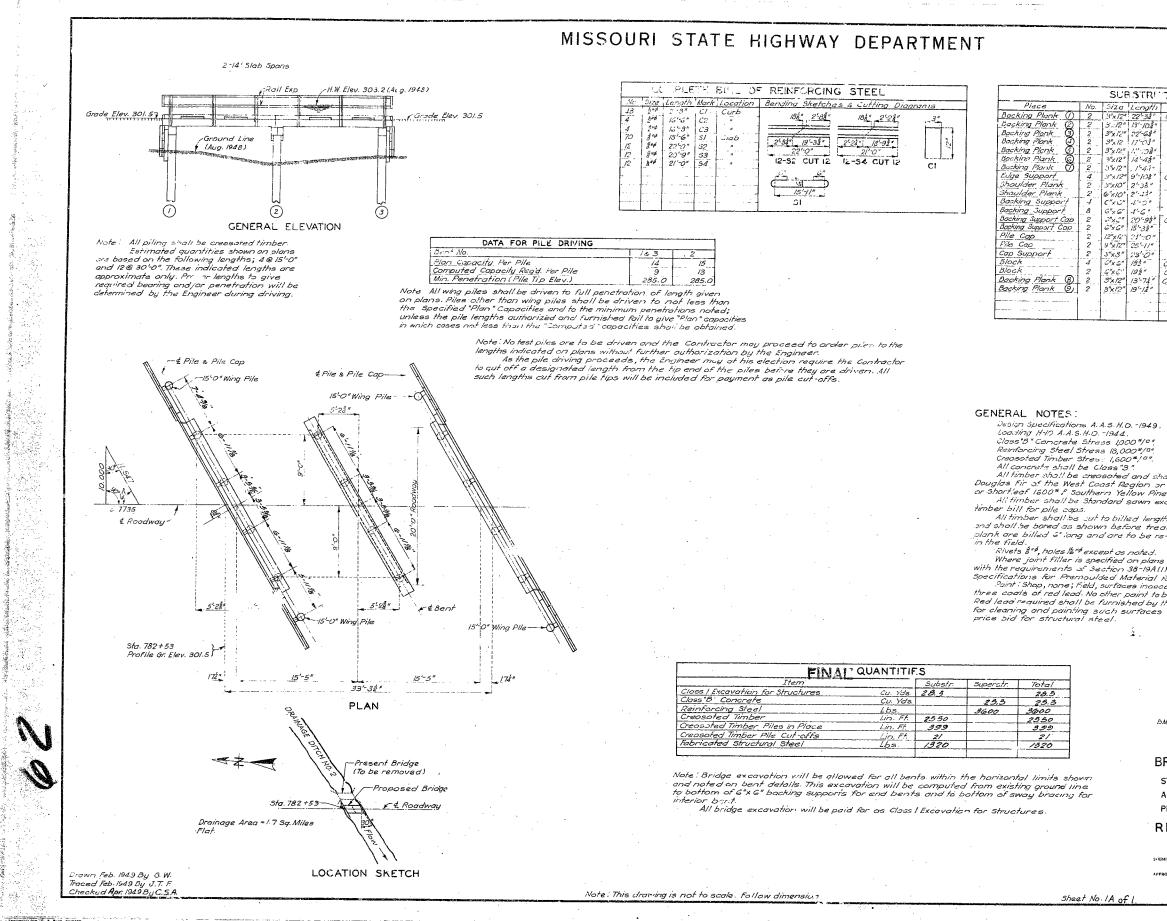
Lane Miles	0.076	<b>Centerline Miles</b>	0.038
TIP Number			
Planning Organization	Federal District	Senate District	House District

# PROJECT SUMMARY REPORT FOR SE0031 AS OF Dec 16, 2022

OZARK FOOTHILLS REG PLAN COMM	8	25	153
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	FED ROAD STATE FEE AND FISCAL SHEET TOTAL
	015T NU HPOLINO YEAR NO 10FETS 5 40 5-2-20140 19
	FINAL PLANS
Remarks 37	aping and Boring skelches
Cut to length Cut to length & shape Cut to length & shape Cut to length & shape Cut to length & shape Cut to length Supe Cut to length Supe Cut to length Note: Sor io	SHULL DEK PLANK BLOCK SHULL DEK PLANK BLOCK BLOCK-BIS.183 List Structure BLOCK-BIS.183 List Structure See "Detail of uniterior Bent" cotion of holes to be borad e capis before trauting.
Note:	Mile cops to be charified as 'Beams and
UOISTS 0. *	All other timber to be classified as no Plank" 525 to exactly III" depth Backing support backs filled & loop and
•	re-out and filled in the <b>field</b>
-111- Kootta	
all be 1600 # f " eitiser Longleaf e.	
cept as noted in	
hs and shapes ating. All backing cut and fitted	
t it shall conform Ih of the Sundard Garfiller essible ofter erection be applied by Contractor he Contractor Poyment will be included in unit	
M. Elev. 302, 37 N. I. E. R. 10" Sycc	vmore 35' Rt. Sta. 789+30.
RIDGE OVER DRA STATE ROAD FROM OXLY T ABOUT 1.25 MILES NURTH PROJECT NO. 5-400(4) (SB	OF NAYLCR
	COUNTY
NITTED BY V.W.E. Molecular NOVED BY CUT. PErocu	
	T-758
FINAL PLANS	

MODOT			Department of T Bridge Inspectio	-		
COUNTY: RIPLEY	DISTRICT: SE		: STATBR	FED-ID: 9270	BRIDGE: T075	
	***GENERAL STRUCTUR			122 120,210	***BR	
ROUTE: MO142E	# SPANS: 2			CODE: 72970 THOMAS	<b>DATE:</b> 01/26/	
FEATURE: DTCH NO 2	LANES ON: 1		LEN	<b>GTH:</b> 34 FT 0 IN	FREQUENCY: 12	
STATUS: P-POSTLOAD	LANES UNDER: 0			<b>SPAN:</b> 15 FT 5 IN	TEAM LEADER: ED HI	
LOG MILE: 96.663	COMPASS DIRECTION: NO		APPROACH ROAD		<b>INSPECTOR 2:</b>	
DETOUR: 19.00 MILES NHS: NO	DIRECTION OF TRAFFIC: 1-I			CURB: 20 FT 0 IN	<b>INSPECTOR 3:</b>	
BUILT: 1949	FUNCTIONAL CLASS: RL NBI OWNER: MO			<b>OUT:</b> 21 FT 0 IN <b>ADT:</b> 1137	** When calculated interv	
REHAB:	NBI MAINTAINED: MO			(EAR: 2021	<i>G</i> _	
LOCATION: S 2 T 22 R 4 E	MAINTENANCE DISTRICT: SE			RUCK: 12.2%		
LATITUDE: 36 35 3.29 (DMS)	MAINTENANCE COUNTY: RI	PLEY		<b>ADT:</b> 1706		
LONGITUDE: 90 36 40.93 (DMS)	SUB AREA: 7H	12	FUTURE AADT Y	<b>(EAR: 2041</b>		
***FRACTURE CI	I RITICAL INSPECTION INFOR	MATION***			***INDEPTH INSPECT	
DATE: RESPO	NSIBILITY:	CATEGORY:		DATE:	<b>RESPONSIBILITY:</b>	
FREQUENCY: CALCULATED IN	TERVAL**:	NBI:		FREQUENCY:	CALCULATED INTERVAL**:	
TEAM LEADER: INS	SPECTOR 3:	<b>METHOD:</b>		TEAM LEADER:	<b>INSPECTOR 3:</b>	
INSPECTOR 2: INS	SPECTOR 4:			<b>INSPECTOR 2:</b>	<b>INSPECTOR 4:</b>	
** When calculated interval exceeds the frequency, a ju		** When calculated interval exceeds the frequency, a justification com				
FRACTURE	CRITICAL INSPECTION COMM	<i>TENTS</i>		INDEPTH INSPEC		
***SPECIA	L INSPECTION INFORMATION	N***			***UNDERWATER INSPE	
	NSIBILITY: DISTRICT	CATEGORY: CHAN	NEL CROSS SEC	<b>DATE:</b> 01/26/2022	<b>RESPONSIBILITY:</b>	
FREQUENCY: 72 CALCULATED IN		NBI: NO	222 200	FREQUENCY: 60	CALCULATED INTERVAL**:	
TEAM LEADER: ED HESS INS	PECTOR 3:	METHOD: WT TA	PE	TEAM LEADER: ED HESS	<b>INSPECTOR 3:</b>	
INSPECTOR 2: INS	PECTOR 4:			<b>INSPECTOR 2:</b>	<b>INSPECTOR 4:</b>	
** When calculated interval exceeds the frequency, a just	stification comment per BIRM is required.			** When calculated interval exce	eds the frequency, a justification com	
SPECI	AL INSPECTION COMMENTS				UNDERWATER INSP.	
	ER SPECIAL INSPECTIONS				OTHER UNDERWA	
DATEFREQUENCYCATEGORY05/08/2017999DAMAGE POSTINCIDENTINCIDENT	NBI CALCULATED INTERVAL NO	<u>RESPONSIBILITY</u> DISTRICT	<u>METHOD</u>	<u>DATE</u> <u>FREQUENCY</u>	<u>CATEGORY</u> <u>NBI</u> <u>CAL</u>	
Design_No = T0758			Pag			
This report contains information that is pro	tected from disclosure by federal law, 23 USC Section	on 400 and the Missouri Onen P	c c	5	I's policy and procedure manual on the Sunch	

December 21, 2022 10:12:20AM

#### 758

# BRIDGE INSPECTION INFORMATION\*\*\* 26/2022 RESPONSIBILITY: DISTRICT CALCULATED INTERVAL\*\*: 12 HESS ELEMENT: NO INSPECTOR 4:

erval exceeds the frequency, a justification comment per BIRM is required. **GENERAL INSPECTION COMMENTS** 

#### CTION INFORMATION\*\*\* : CAT

#### CATEGORY: NBI: METHOD:

mment per BIRM is required.

ECTION COMMENTS

#### ECTION INFORMATION\*\*\*

Y: DISTRICT \*\*: 12 3: 4: CATEGORY: DRY NBI: NO METHOD: VISUAL

omment per BIRM is required.

SPECTION COMMENTS

VATER INSPECTIONS

**METHOD** 

MoDOT		Ν	Iissouri Departmen State Bridge Ins	-	1		December 21, 2022 10:12:20AM
COUNTY: RIPLEY	DISTR	ICT: SE	CLASS: STATBR		D-ID: 9270	<b>BRIDGE: T0758</b>	
				CTURE POSTING**			
APPROVED CATEGORY: S-5	CENTERLINE OF BRID	GE AND TRUCKS OVER	17 TONS 15 MPH ON BR				
<b>Ton 1:</b> 17	<b>Ton 2:</b>		Ton 3:				
COMMENTS:							
FIELD CATEGORY: S-5		GE AND TRUCKS OVER	17 TONS 15 MPH ON BR				
Ton 1: 17 COMMENTS:	<b>Ton 2:</b>		Ton 3:	PROBLEM:		PROBLEM DIRECTION:	
		*	**GENERAL COMM	IENTS/MAJOR RATI	ED ITEMS***		
GENERAL COMMENTS: (BOWDEJ1, 08/28	/2008)(15'-15') SMP CONC						
[ITEM 58] DECK: 4-	POOR CONDITION	COMMENT	S: (DENNIB1, 01/03/2019)	SPALL & EFF, DIAGON	AL CRACK IN SPAN	#2	
RATING: 01	1/03/2019						
[ITEM 59] SUPER: 4-	POOR CONDITION	COMMENT	S: (DENNIB1, 01/28/2015)	SAME AS DECK			
RATING: 01	1/03/2019						
[ITEM 60] SUB: 5-	FAIR CONDITION	COMMENT	S: (DENNIB1, 01/16/2014)	ALL PILE SPICED ON B	ENT #2 & #3		
RATING: 02	2/10/2012						
[ITEM 61] BANK/CHANNEL: 5-	MAJOR DAMAGE	COMMENT	S: (DENNIB1, 01/03/2019)	MINOR EROSION ON N	ORTH SLOPE		
RATING: 01	1/03/2019						
[ITEM 113] SCOUR: 8-	STABLE FOR CALCULATE	D COMMENT	S:				
RATING: 05	5/18/2001						
EVALUATION TYPE :			~				
[ITEM 71] WATERWAY ADEQUACY: SI RATING: 03		COMMENT	S:				
[ITEM 72] APPRRDWY ALIGNMENT: 8- RATING : 03		COMMENT	S:				
KATING. 0.	0/10/2001						
[ITEM 36A] BRIDGE RAILING RATIN	C. DOESNT MEET CLIDDNT		AND APPROACH PA RATING: 02/24/2004	AVEMENT COMPON COMMENTS:	ENTS AND RAT	INGS***	
IIIEM 30AJ BRIDGE KAILING KAIIN <u>MATERIAL</u>	G: DOESNI MEET CORRNI CONSTRUCTION	<u>DIRECTION</u>	<u>COMMENTS</u>	COMMENTS:			
REINFORCED CONCRETE	CURB	BOTH	<u>comments</u>				
<u>CONDITION</u>		<u>CATION 1</u>	LOCATION 2	<u>SEVERITY</u>	<u>COMMENT</u>		
DETERIORATIO STEEL	ANGLE-DOUBLE	ROUGHOUT BOTH		MODERATE			
<u>CONDITION</u>		CATION 1	LOCATION 2	<u>SEVERITY</u>	<u>COMMENT</u>		
COLLISION DAMA	AGE K	ANDOM		MODERATE		4/2011)NE CORNER 9/2013)LOOSE SE CORNER	
[ITEM 36B] TRANSITION RAILING RATIN	G: NOT PROVIDED-0		<b>RATING:</b> 05/18/2001	COMMENTS:	x ·	· · · ·	
ITEM 36CJ APPROACH RAILING RATIN			<b>RATING :</b> 05/18/2001	COMMENTS:			
	<b>G.</b> 1101111011020-0		MILLIG. 05/10/2001	COMMENTD.			
Design_No = T0758				Page 2			

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MoDOT					Department Bridge Insp	-				
COUN	TY: RIPLEY	DISTRIC	CT: SE	CLAS	S: STATBR		FED-II	D: 9270	BR	IDGE: T075
[ITEM 36D] RAIL END TRE	ATMENT RATING: NOT P	PROVIDED-0		RATING	: 05/18/2001	COMMENTS	:			
APPROACI	HPAVEMENT: *Overall co	ndition assigned for ea	ch annroach navemen	et component is	s shown below					
<u>MATERIAL</u> ASPHALT	CONS	<u>TRUCTION</u> INOUS MAT	DIRECTION BOTH	<u>CO</u>	N <i>DITION*</i> FAIR	<u>COMMENTS</u>				
		***DF	RAINAGE, EXPA	NSION DE	VICES, BANK/	/SLOPE, AND	DECK PI	ROTECTIV	E COMPONE	NTS***
ECK PROTECTIVE COMPON SERIES TYPE-# MAIN SERIES-1 <u>COMMENT:</u>	I <u>ENTS:</u> <u>COMPONENT</u> WEARING SURFACE		<u>MATERIAL</u> ASPHALT		<u>CONSTRUCTION</u> BITUMINOUS MAT		ICKNESS 6 IN	<u>YEAR APPL</u> 2010	IED <u>MANUFA</u>	<u>CTURE</u>
<u>COMMENT:</u>	DECK PROTECTION	NO	TAPPLICABLE		NONE					
<u>COMMENT:</u>	MEMBRANE	LIQ	UID SEALANT		BUILT-UP					
RAINAGE COMPONENTS:										
MINNOL COMI ONLIVIS.	<u>COMPONENT</u> DRAINAGE		<u>MATERIAL</u> RCED CONCRETE		<u>CONSTRUCTION</u> CURB OUTLET	<u> </u>	<u>DIRECTION</u>	<u>COMME</u>	<u>ENTS</u>	
XPANSION DEVICE COMPO <u>SUB UNIT-#</u> SUB I BENT-2 <u>COMMENT:</u>	<u>NENTS:</u> L <u>ABEL</u> CLOSED EXPA		<u>MATEI</u> FEL			N <b>STRUCTION</b> LLED JOINT		<u>GAP</u>	<u>YEAR APPLIEI</u>	<u>MANUFA</u>
NK/SLOPE PROTECTION C	OMPONENTS									
MASLOIL INOILEIION C	<u>COMPONENT</u> BANK PROTECTION	<u>1</u>	<u>MATERIAL</u> ROCK		<u>CONSTRUCTION</u> GROUTED	<u> </u>	DIRECTION BOTH	<u>COMME</u>	<u>ENTS</u>	
					***DECK (	COMPONEN	ГS***			
<u>SPAN TYPE-#</u> MAIN SPANS-1	<u>COMPONENT</u> DECK		<u>MATERIAL</u> RCED CONCRETE		CONSTRUCTION CAST-IN-PLACE		<u>MENTS</u>			
<u>CONDIA</u> DETERIO DIAGONAL EFFLORES REBAR EX SPAL	RATION CRACKS SCENCE KPOSED	EDGE RANDOM RANDOM BOTTOM BOTTOM		<u>LOCATION 2</u>	I	<u>SEVERITY</u> MODERATE FEW MODERATE MINOR MODERATE	<u>MEASURE</u>	<u>EMENT</u> <u>CO</u>	<u>MMENT</u>	
MAIN SPANS-2	DECK <b>TION</b>	REINFO <b>LOCATION 1</b>	RCED CONCRETE	LOCATION 2	CAST-IN-PLACE	<u>SEVERITY</u>	MEASURE	EMENT CO	MMENT	

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OVERALL CONDITION FAIR

FACTURE

**OVERALL CONDITION** 

<b>DOT</b>			-	nt of Transportation spection Report		
COUNTY: RI	PLEV	DISTRICT: SE	CLASS: STATBR		D: 9270	BRIDGE: T07
DIAGONAL CRACKS EFFLORESCENCE	S El	NDS NDOM		MODERATE MODERATE		
			***SUPERSTRI	JCTURE COMPONENTS	***	
SERIES TYPE-#	SPAN TYPE	MATERIAL	<u>CONSTRUCTI</u>		<u>COMMEN</u>	<u>TS</u>
	<i>SIMPLE SPAN DMPOSITE INDICATOR</i> NON-COMPOSITE <u>LOCA</u>	<i>REINFORCED CONC</i> <u>LENGTH</u> <u>WEA</u> 15 FT 5 IN <u>TION 1</u>	RETE SOLID SLAE <u>THERING STEEL</u> <u>COMMENTS</u> NO <u>LOCATION 2</u>	<u>SEVERITY MEASUR</u>	<u>EMENT COMMEN</u>	<u>NT</u>
MAIN SPANS-2 <u>CONDITION</u>	NON-COMPOSITE <u>LOCA</u>	15 FT 5 IN <u>TION 1</u>	NO <u>LOCATION 2</u>	<u>SEVERITY</u> <u>MEASUR</u>	<u>EMENT COMME</u>	<u>NT</u>
				CTURE COMPONENTS*		
<u>NUBSTRUCTURE</u> <u>SK</u> ABUTMENT-1 RA-30 D. <u>CON</u>		<u>MATERIAL</u> TIMBER LOCATION 1	<u>CONSTRUCTION</u> NON-INTEGRAL <u>LOCATION 2</u>	<u>LABEL COMMENT</u> <u>SEVERITY</u>	<u>S</u> <u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED COMPO</u> BEAM CAP	<u>NENT</u> <u>MATI</u> Time Dition	<u>ERIAL</u> BER LOCATION 1	<u>CONSTRUCTION</u> BEAM LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	COMMENT
PILING	TIME DITION		OTHER LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	<u>COMMENT</u>
RO	WITH H PILE TTEN	1 OF 4 THROUGHOUT		NOT APPLICABLE MINOR		
STRAIGHT WINGS <u>CON</u> WING PILES	TIME <u>Dition</u> Time	LOCATION 1	PLANKS <u>LOCATION 2</u> OTHER	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>CON</u> RO	<u>DITION</u> TTEN	<u>LOCATION 1</u> THROUGHOUT	LOCATION 2	<u>Severity</u> Moderate	<u>MEASUREMENT</u>	<u>COMMENT</u> (SHRUBM1, 03/05/201
	TIME <u>Dition</u> Tten	BER <u>LOCATION 1</u> THROUGHOUT	PLANKS <u>LOCATION 2</u>	<u>Severity</u> Moderate	<u>MEASUREMENT</u>	<u>COMMENT</u>
EXPANSION BEARING		PAPER LOCATION 1	SLIDING LAYERS <u>LOCATION 2</u>		<u>MEASUREMENT</u>	<u>COMMENT</u>
BENT-2 RA-30 D. <u>CON</u>	EGREES 25 FT 11 IN DITION	TIMBER <u>LOCATION 1</u>	PILE CAP <u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED COMPO</u> BEAM CAP CON	<u>NENT MATI</u> Stee <u>Dition</u>	E <u>RIAL</u> EL <u>LOCATION 1</u>	<u>CONSTRUCTION</u> H-SHAPE <u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	COMMENT
RU PILING	STING TIME	TOP	OTHER	MINOR		
	<u>DITION</u> WITH H PILE TARI	<u>LOCATION 1</u> All Paper	<u>LOCATION 2</u> SLIDING LAYERS	<u>SEVERITY</u> NOT APPLICABLE	<u>MEASUREMENT</u>	<u>COMMENT</u>
	<u>DITION</u>	LOCATION 1	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
ABUTMENT-3 RA-30 D.	EGREES 24 FT 10 IN <b>DITION</b>	<i>TIMBER</i> LOCATION 1	NON-INTEGRAL LOCATION 2	SEVERITY	MEASUREMENT	COMMENT

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/2012)--BOTH

MODOT		Missouri Department of Tra	-		
	DISTRICT. SE	State Bridge Inspection	-		DDIDCE, TA7
BEAM CAP	DISTRICT: SE STEEL	CLASS: STATBR H-SHAPE	FED-ID	): 9270	BRIDGE: T07
DEAM CAP <u> CONDITION</u> RUSTING		LOCATION 2	<u>SEVERITY</u> MINOR	<u>MEASUREMENT</u>	<u>COMMENT</u>
PILING <u>CONDITION</u> REPLACE WITH H		OTHER <u>LOCATION 2</u>	<u>SEVERITY</u> NOT APPLICABLE	<u>MEASUREMENT</u>	<u>COMMENT</u>
STRAIGHT WINGS <u>CONDITION</u>	TIMBER LOCATION 1	PLANKS LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
WING PILES <u>CONDITION</u> BACKWALL	TIMBER <u>LOCATION 1</u> TIMBER	OTHER <u>LOCATION 2</u> PLANKS	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
EXPANSION BEARING		LANKS LOCATION 2 SLIDING LAYERS	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
CONDITION		LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
		***OVER/UNDER ROUTES CLE/	ARANCE INFOR	MATION***	
<u>'LEARANCES OVER DECK</u> <u>VERTICAL CLEARANCE TYPE**</u>	**NOTE: Vertical clearances for permitting purposes are ta <u>VALUE</u> <u>DIRECTION</u> <u>DAT</u>				
<u>LEARANCES UNDER BRIDGE</u> RECORD <u>#</u> <u>ROUTE</u>	**NOTE: Vertical clearances for permitting purposes are ta <u># LANES</u> <u>DIRECTION OF TRAFF</u>		LEFT LATERA	L CLEARANCE	<u>UR-II</u>
VERTICAL CLEARANCE TYPE**	<u>VALUE DIRECTION DAT</u>	<u>E</u> <u>COMMENT</u>			
		***STRUCTURE PAINT	INFORMATION <sup>3</sup>	* * *	
<b>CONDITION:</b> FAIR	<b>RUST AMOUNT :</b> 6=1.0% OF SU	RFACE RUSTED STEEL TO	NS: 1		
ORIGINAL PAINT	<u>C0</u>	NTRACT REPAINT			<b>DEPARTMEN</b>
	PAINT TY		PAINT TY	<b>PE:</b> S SYSTEM	
PAINT TYPE :	NT A	ME :		ME : CAL SULPH/LI	EAD PAINT
NAME :		ΔD .	DA INT COL		
NAME : PAINT COLOR :	PAINT COL		PAINT COL PAINT YE		
NAME :	PAINT COL PAINT YE		PAINT YE		

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#### December 21, 2022 10:12:20AM

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#### -ID

# NT REPAINT

MANUFACTURE :ARMOR SHIELD SURFACE PREP :HAND CLEANED

MODOT			Missouri Depar State Bridg	rtment of Tra ge Inspection	-	on	
COUNTY:	RIPLEY	<b>DISTRICT: SE</b>	CLASS: STA	TBR	F	ED-ID: 9270	BRIDGE: TO
			***RE	QUESTED WO	ORK ITEM	S***	
GENERAL WORK COMMENTS	8:						
RESPONSIBILITY	LOCATION	ITEM	CATEGORY	PRIORITY	DATE	WORK ITEM CO	MMENT
				<b>TH 17787 A 7777 A</b>	CUMPNITO	***	
UTILITY	OWNER	METHOD	MEASUREMENT TYPE	<u>TILITY ATTA(</u> <i>Value</i>	<u>UHMEN15</u> NUM		ATTACHMENT COMMENT
			***PROG	RAM NOTES I	NFORMAT	TION***	
YEAR         PROJECT #         M           2025         9S3685         M	IONTH LET 0YEAR LET 2025	<u>ITEMS</u> REPLACE BRIDGE				<u>COMMEN</u>	<u>T</u>
***C	OMPUTER GENERA	<b>FED RATINGS AND I</b>	DEFICIENCY ITEMS***				***ADVANC
NOTE: The items listed in this section				ave been entered in	to TMS.	SIGN #	SIGN TYPE
Rated Item	R	ating	Rating Date			1	YIELD TO ONCOMING TRAF
[Item 67] Structure Evaluation Rati [Item 68] Deck Geometry Rating:	8	IUM TOLERABLE INTOLRBLE REQ	3/12/2003 3/25/2002			2	B - ONE LANE BRIDGE
[Item 69] Underclearance:		PPLICABLE	5/18/2001				
Sufficiency Rating:		3.3%	3/8/2022				
Deficiency:	STRU	CTURAL	3/25/2002		-		
Funding Eligibility:							***OUTFALL IN
Estimated New Structure Length: Estimated Structure Cost:						<b># OUTFALLS:</b>	
Estimated Total Project Cost:						STATUS:	
Year of Cost Estimate:						NOTES:	
NOTE: The above structure length and generalized to use NBI items to come a square foot. The actual structure size a	up with a new structure length	n and width to calculate a new	w area which is taken times a repr			NOTES:	

Page 6 This report contains information that is protected from disclosure by federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Section 610.021 RSMo. Please review MoDOT's policy and procedure manual on the Sunshine Act before releasing any of the information contained herein.

December	21,	2022
10:1	2:2	0AM

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# **CED SIGN INFORMATION\*\*\*** PROBLEM

**PROBLEM DIRECTION** 

FFIC

## **NSPECTION INFORMATION\*\*\***

#### **INSPECTOR:** DATE:



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

COUNTY: RIPLEY RECORD TYPE : ROU	BRIDGE : T0758 TE CARRIED 'ON' STRUCT		CW STATUS :	APPROVED 9/1/2022	NBI STATUS : SUBMITTAL YEAR :	T 2022
GENEKAL S	TRUCTURE INFORMATION		ROU	TE DESIGN	NATION INFORMATION	
1 State	MISSOURI	5A	Record Type		ROUTE CARRIED 'ON' STRUCT	
2 District	SE	5B	Route Signing F	Prefix	MO	
3 County	RIPLEY	5C	Designated Lev	el of Service	MAINLINE	
8 Federal ID No.	9270	5D	Route Number		00142	
27 Year Built	1949	5E	Directional Suff	fix	NOT APPLICABLE	
106 Year Reconstructed	0	7	Facility Carried		MO 142 E	
42A Type of Service On	HIGHWAY	12	Base Hwy. Netw	work	YES	
21 Structure Maintenance	STATE HIGHWAY AGENCY	13A	LRS Inventory	Route No.	0000001107	
22 Structure Owner	STATE HIGHWAY AGENCY	13B	Subroute No.		00	
33 Br. Median Code	NO MEDIAN	20	Toll Status		ON FREE ROAD	
37 Historical Significance	HISTORICAL SIGNIF UNKNWN	26	Functional Class	sification	06-RURAL MINOR ARTERIAL	
101 Parallel Struc Desg	NONE EXISTS	28A	Lanes on Struct	ure	01	
103 Temporary Structure	NOT TEMPORARY	100	STRAHNET De	esignation	RTE NOT A DEFENSE HWY	
112 NBIS Bridge Length	YES	104	National Highw	vay System	NOT ON NHS	
		105	Federal Lands H	Highway	NOT APPLICABLE	
		110	Designated Nat	t. Network	NO	
STRUCTURI	E LOCATION INFORMATION		STRU	UCTURE TH	RAFFIC INFORMATION	
4 Place	THOMAS	29	AADT		1137	
Code	72970		AADT Year		2021	
9 Location	S 2 T 22 N R 4 E	102	Direction of Tra	affic	ONE LANE BRIDGE FOR 2-WAY	
11 Milepoint	97.23 miles	109	AADT Truck Pe	ercent	12%	
16 Latitude	36 D 35 M 3 S	114	Future AADT		1706	
17 Longitude	90 D 36 M 41 S	115	Future AADT Y	<i>'ear</i>	2041	
UNDER	RECORD INFORMATION		STRUC	TURE GEO	METRIC INFORMATION	
6 Features Intersected	DTCH NO 2	10	Inventory Rte. V	Vert. Clear	99 Ft. 99 In.	
42B Type of Service Under	WATERWAY	19	By pass Detour	Length	19.38 miles	
28B Lanes Under Structure	00	32	Approach Road	way Width	20 Ft. 0 In.	
54A Vert. Clearance Ref.	N/A	34	Skew		30.00 Degrees	
54B Vert. Clearance	0 Ft. 0 In.	35	Struct. Flared		NO	
55A Rt. Lat Clear Ref.	N/A	47	Total Horiz. Cle	ear	20 Ft. 0 In.	
55B Rt. Lat Clearance	0 Ft. 0 In.	48	Maximum Span	1 Length	15 Ft. 5 In.	
56 Left Lat Clearance	0 Ft. 0 In.	49	Structure Lengt	h	34 Ft. 1 In.	
38 Navigation Control	PERMIT NOT REQ	50A	Left Curb/Sidev	walk Width	0 Ft. 0 In.	
39 Nav Vertical Clear	0 Ft. 0 In.	50B	Right Curb/Side	ewalk Width	0 Ft. 0 In.	
40 Nav Horizontal Clear	0 Ft. 0 In.	51	Curb to Curb Bi	r. Width	20 Ft. 0 In.	
111 Nav. Pier Protection		52	Deck Width (Ou	ut-Out)	20 Ft. 12 In.	
116 Nav. Cl. Vert. Clear		53	Vert.Clearance	Over Deck	99 Ft. 99 In.	

Design\_No = T0758 and Inventory\_Appraisal\_Submittal\_Year = 2022

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

COUNTY:RIPLEYBRIDGE:T0758RECORD TYPE:ROUTE CARRIED 'ON' STRUCT	REVIEW STATUS :APPROVEDNBI STATUS :TRUN DATE :9/1/2022SUBMITTAL YEAR :2022
LOAD RATING AND POSTING INFORMATION	MATERIAL/CONSTRUCTION INFORMATION
31Design LoadH 1041Structure StatusPOSTED FOR LOAD63Oper. Rating Meth.LOAD FACTOR64Operating Rating24 Tons.65Inventory Rating MethLOAD FACTOR66Inventory Rating15 Tons.70Bridge Posting Code=>LEGAL LOADS	43AMain Strue. Mat typeCONCRETE43BMain strue Constr. TypeSLAB45# of Main Spans244AAppr Strue. Mat type00044BAppr Strue. Cnstr. type00046# of Approach Span0107Deck Mat/Constr.1 CONCRETE CIP108AWear Surf Mat/Constr.6 BITUMINOUS
PROPOSED IMPROVEMENT INFORMATION	108A     wear sun Mat/Constr.     0 Bit OMm COS       108B     Membrane Mat/Constr.     1 BUILT UP
Sufficiency Rating28.3PercentDeficiency RatingSTRUCTURALFunding EligibilityFULL	108C     Deck Protect Mat/Constr.     0 NONE       CONDITION RATING INFORMATION
75A         Proposed Work         REPLACEMENT SUBSTND LOAD	
75B     Work Done By     Contract	58     Deck Cond. Rating     4       59     Superstructure Cond. Rating     4
76 New Struc Length 55 Ft. 9 In.	60     Substructure Cond. Rating     5
94 Struc Improve Cost \$ 325,000	61 Channel /Channel Protection Cond. Rating 5
95 Roadway Improve Cost \$ 32,000	62 Culvert Cond. Rating N
96 Total Project Cost \$487,000	INSPECTION INFORMATION
97 Year of Cost Estimates 2022	90 Gen. Insp Date 1/22
APPRAISAL RATING INFORMATION	91 Gen. Insp. Frequency 12 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 4	92C Special Inspection N Months
68 Deck Geometry App. Rating 2	93C Special Inspection Date
69 Underclearance App. Rating N 71 Waterway Adeg. App. Rating 2	BORDER BRIDGE INFORMATION
71     Waterway Adeq. App. Rating     2       72     Approach Road App. Rating     8	98 Neighboring State Code
113 Scour Assess App. Rating 8	98B Neighboring State % Respon
	99 Neighboring State Struc. No.
APPROVED POSTING INFORMATION	FIELD POSTING INFORMATION
Approved Posting Category S-5	Field Posting Category S-5
Ton1 Ton2 Ton3	Ton1 Ton2 Ton3
Tonnage Values for Posting Sign 17	Tonnage Values for Posting Sign 17
General Text for Posting Sign	General Text for Posting Sign
CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.	CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.
Design_No = T0758 and Inventory_Appraisal_Submittal_Year = 2022	
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