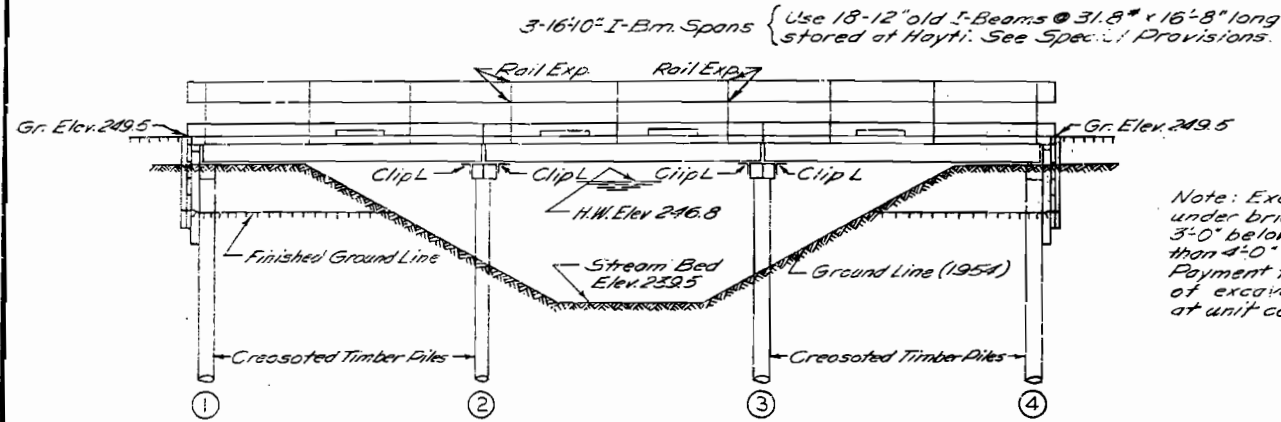


MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.	5-133910	19		



GENERAL ELEVATION

Note: Excavation of all existing materials under bridge shall be made to not less than 3'-0" below bottom of steel and not less than 4'-0" outside of curb lines. Payment for this excavation outside the limits of excavation for structure will be made at unit contract price for Roadway Excavation.

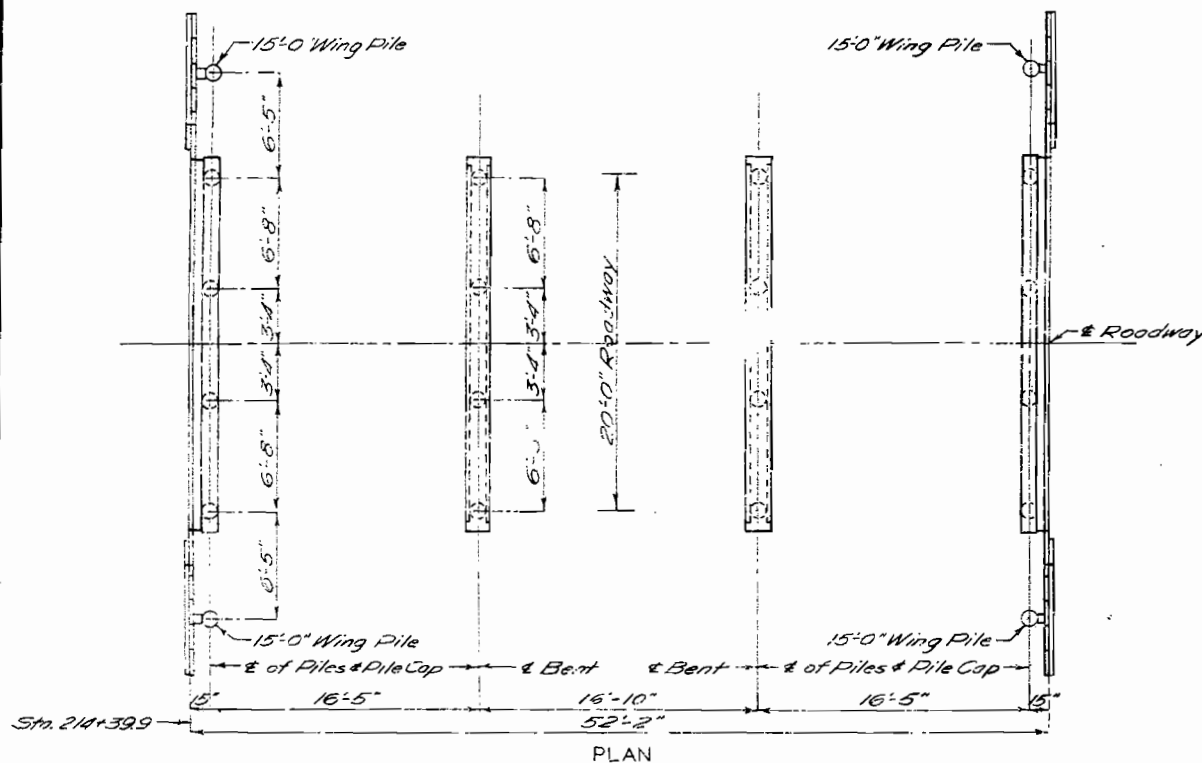
DATA FOR PILE DRIVING			
Bent No. (Not including Wing Piles)	1 & 4	2 & 3	
Plan Capacity Per Pile	100 Ton	130 Ton	
Computed Capacity Reg'd Per Pile	100 Ton	110 Ton	
Min. Penetration (Pile Tip Elev.)	224.0	224.0	

Note: All piling shall be creosoted timber. Estimated Quantities shown on plans are based on the following lengths 16 @ 30'-0" and 4 @ 15'-0". These indicated lengths are approximate only. Proper lengths to give required bearing and/or penetration will be determined by the Engineer during driving.

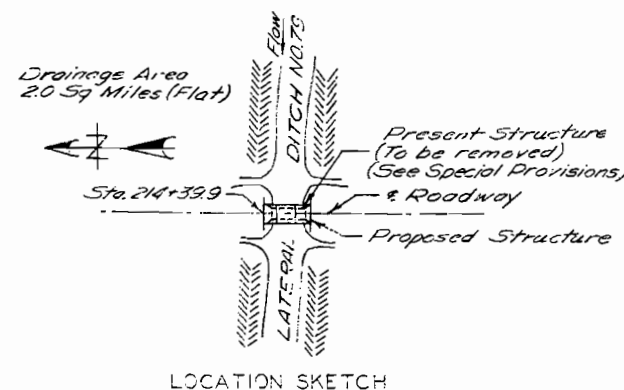
No test piles are to be driven and the Contractor may proceed to order piles to the lengths indicated on the plans without further authorization by the Engineer. Wing piles shall be driven to full penetration of lengths given on plans.

Piles other than wing piles shall be driven to not less than the specified "Plan" capacities, and to the minimum penetrations noted; unless the pile lengths authorized and furnished fail to give "Plan" capacities in which cases not less than the "Computed" capacities shall be obtained.

As the pile driving proceeds the Engineer may at his election require the contractor to cut off a designated length from the tip end of the piles before they are driven. All such lengths cut from pile tips will be included for payment as pile cut-offs.



PLAN



LOCATION SKETCH

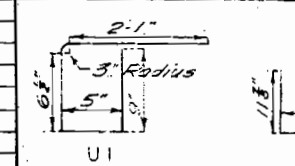
ESTIMATED QUANTITIES			
Item	Substr.	Superstr.	Total
Class I Excavation for Structures Cu Yds.	70		70
Class B Concrete Cu Yds.		25.3	25.3
Fabricated Structural Steel (Old) Lbs.		9540	9540
Fabricated Structural Steel (New) Lbs.		5290	5290
Reinforcing Steel Lbs.		5140	5140
Creosoted Timber Piles in Place Lin. Ft.	480		480
Creosoted Timber Pile Cut-offs Lin. Ft.	60		60
Creosoted Timber F.B.M.	2980		2980

Note: Bridge excavation will be allowed for all bents within the horizontal limits shown and noted on bent details. This excavation will be computed from existing ground line to bottom end of 6" backing supports for end bents.

All bridge excavation will be paid for as Class I Excavation for Structures. See Special Provisions regarding (old) and (New) Fabricated Structural Steel.

BILL OF REINFORCING STEEL				
No.	Size	Length	Mk.	Location
84	#5	2'-9"	C1	Curb
12	#6	17'-3"	C2	"
6	#6	16'-6"	C3	"
208	#4	22'-0"	S1	Slab
66	#4	17'-3"	S2	"
33	#4	16'-6"	S3	"
30	#4	4'-3"	U1	End Bents

Bending Sketches



GENERAL NOTES:

Design Specifications A.A.S.H.O.-1953
Loading H10-44
Class B Concrete Stress 1,000 #/sq.
Reinforcing Steel Stress 16,000 #/sq.
Structural Steel (New) Stress 18,000 #/sq.
Structural Steel (Old I-Beams) 16,000 #/sq.
Creosoted Timber Stress 1,600 #/sq.
All concrete shall be class B.
All 4" or shall be creosoted and shall be 1600 #/sq.
Douglas fir of the West Coast Region or either Longleaf or Shortleaf 1600 #/sq. Southern Yellow Pine.
All timber shall be standard sawn except as noted in timber bill for pile caps.
All timber shall be cut to billed lengths and shapes and shall be bored as shown before treating. All backing plank are billed 6" long and are to be recut and filled in the field.
Rivets 5/8" Holes 1 1/8"
Paint: Shop, none; Field, contact surfaces of bolted 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. Red lead required shall be furnished by the Contractor. Payment for cleaning and painting such surfaces will be included in unit price but for Fabricated Structural Steel.
Where joint filler is specified on plans it shall conform with the requirements for Pre-moulded Material for Filler as given in Section 38-19 A(1)h of the Standard Specifications.

B.M. #18 Elev. 247.23 N.I.E.R. 34' Elm 50' Rt. Sta. 212+85.0 (M...)

BRIDGE OVER LATERAL DITCH NO. 79

STATE ROAD FROM RTE. NN 3 MILES S. OF RTE 84 S.W.
ABOUT 10.0 MILES S.E. OF KENNETT
PROJECT NO. S-1354(1) (SUU) STA. 214+39.9

DUNKLIN COUNTY

SUBMITTED BY: J. A. Williams DATE: 12/6/1954
APPROVED BY: Ben McWhorter DATE: 12/6/1954

STD. C-10R3
P-684

Drawn Oct. 1954 by W.E.S.
Checked Oct. 1954 by H.J.K.

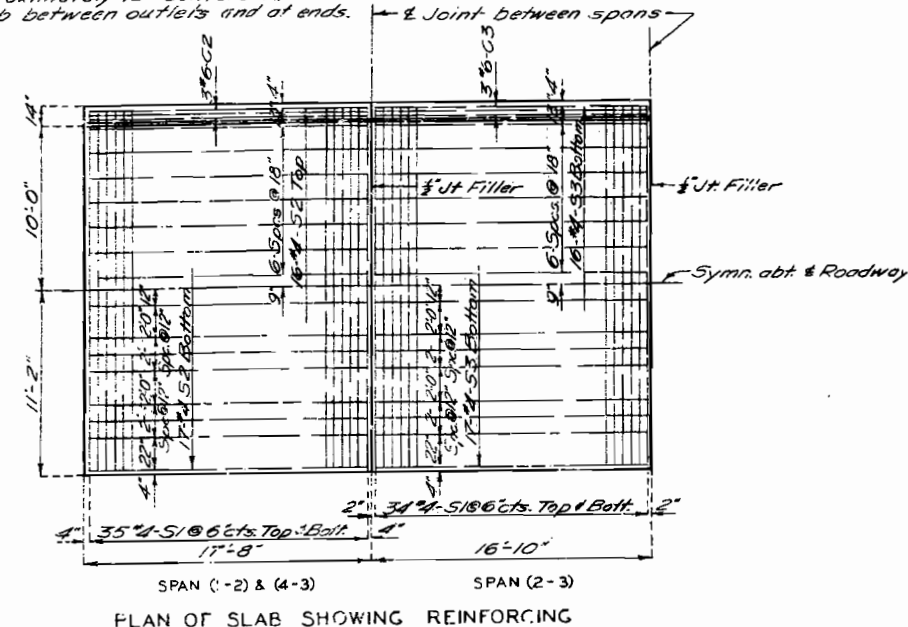
Note: This drawing is not to scale. Follow dimensions.

Sheet No. 1 of 3

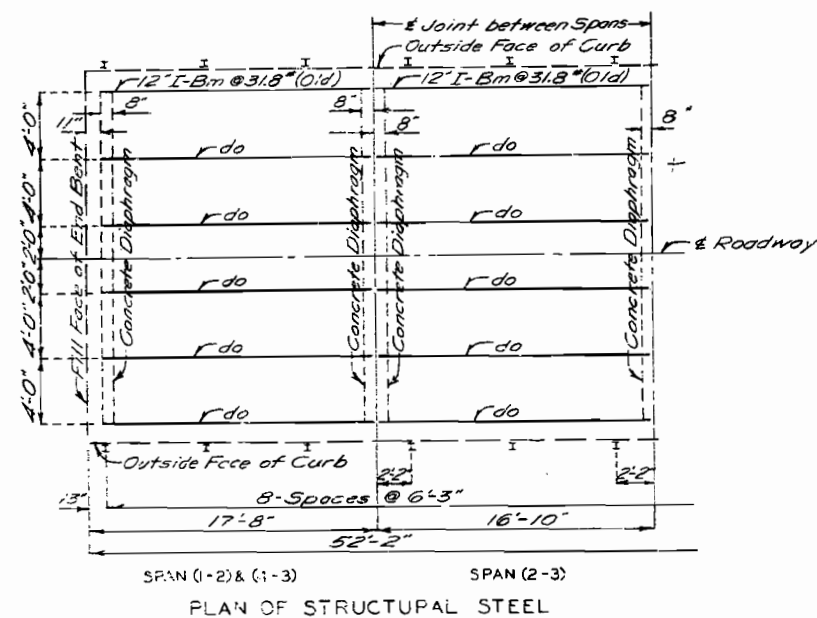
MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.	S-1354(1)	19		

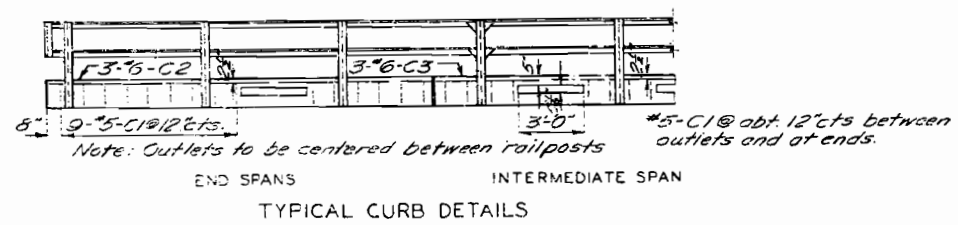
Note: Space dowel bars C1 at approximately 12" centers in curb between outlets and at ends.



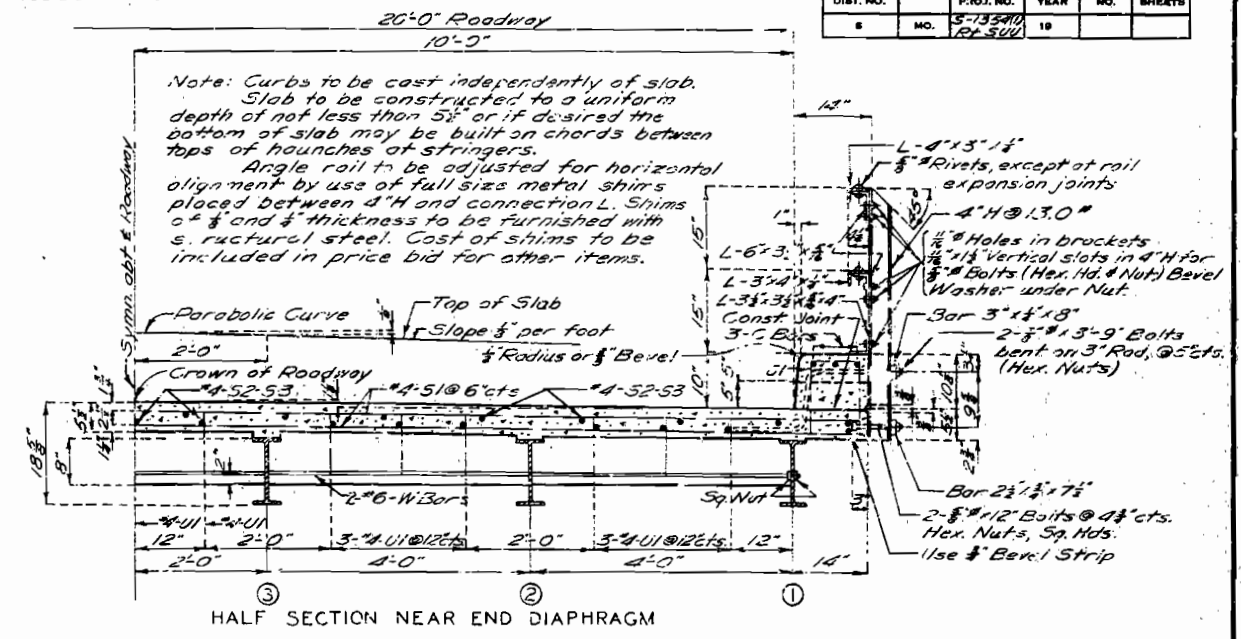
PLAN OF SLAB SHOWING REINFORCING



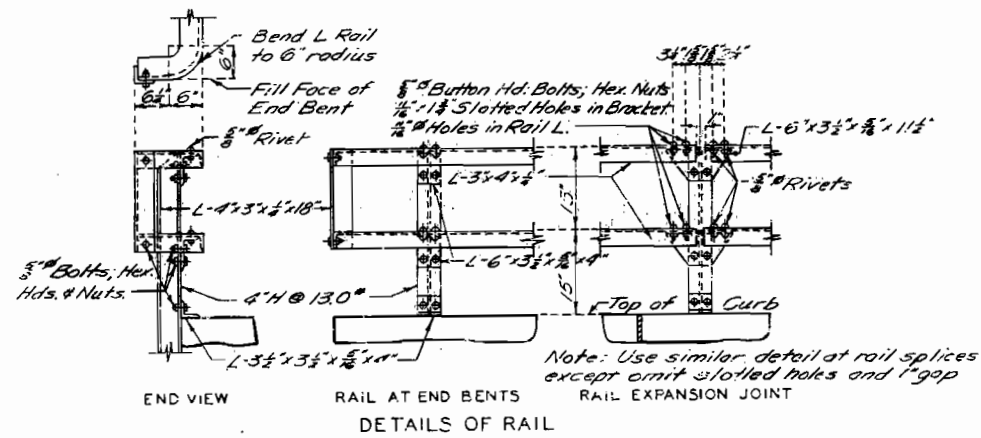
PLAN OF STRUCTURAL STEEL



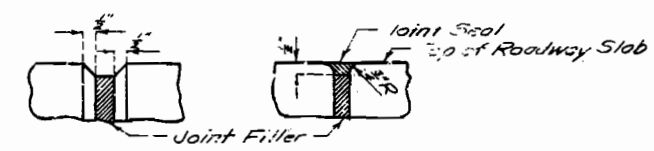
TYPICAL CURB DETAILS



HALF SECTION NEAR END DIAPHRAGM



DETAILS OF RAIL



DETAILS OF BEVEL FOR FILLED JOINTS



Note: Slab shall be built parallel to grade and to a minimum thickness of 5". Dead load deflection, crown and any difference in depth of stringers shall be taken care of by haunching to stringers by the amounts shown above. This additional concrete is included in "Estimated Quantities."

SLAB HAUNCHING DIAGRAM

BRIDGE OVER LATERAL DITCH NO. 79
STATE ROAD FROM RTE. NN 3 MILES SOUTH OF RTE. 84 SOUTHWEST ABOUT 10.0 MILES S.E. OF KENNETT
PROJECT NO. S-1354 (1) (SUU) STA. 214+39.9
DUNKLIN COUNTY


Drawn Sept. 1954 by W.E.S.
 Checked Oct. 1954 by H.J.P.


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


Sheet No. 3 of 5

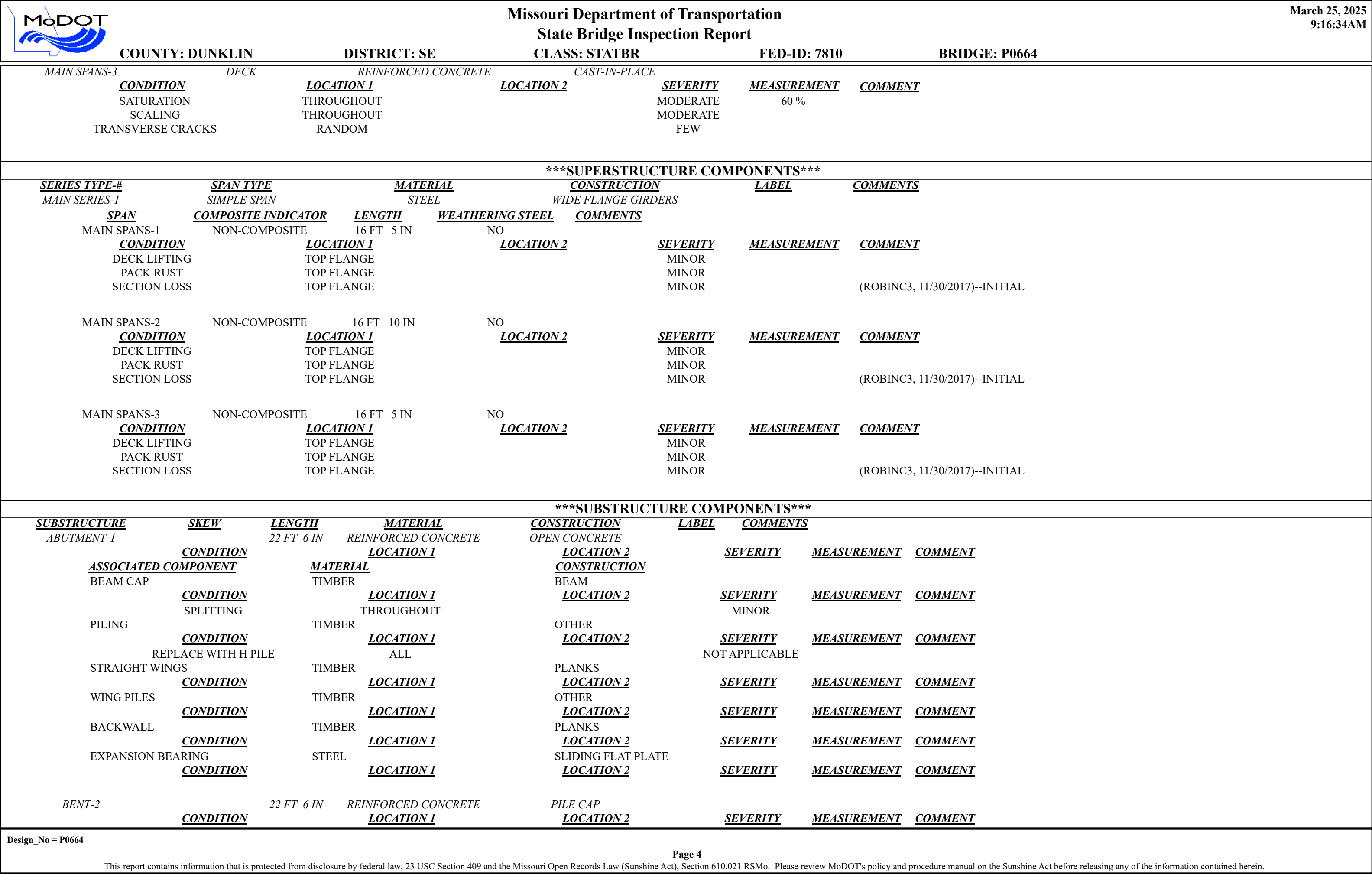
P-664


164


		<div>Missouri Department of Transportation</div> <div>State Bridge Inspection Report</div>				<div>March 25, 2025</div> <div>9:16:34AM</div>			
COUNTY: DUNKLIN		DISTRICT: SE		CLASS: STATBR		FED-ID: 7810		BRIDGE: P0664	
GENERAL STRUCTURE INFORMATION							***BRIDGE INSPECTION INFORMATION***		
<div>ROUTE: RTUUE</div> <div>FEATURE: LATERAL DTCH NO 79</div> <div>STATUS: P-POSTLOAD</div> <div>LOG MILE: 0.462</div> <div>DETOUR: 99.00 MILES</div> <div>NHS: NO</div> <div>BUILT: 1955</div> <div>REHAB:</div> <div>LOCATION: S 29 T 18 R 10 E</div> <div>LATITUDE: 36 10 4.45 (DMS)</div> <div>LONGITUDE: 90 0 15.45 (DMS)</div>		<div># SPANS: 3</div> <div>LANES ON: 1</div> <div>LANES UNDER: 0</div> <div>COMPASS DIRECTION: NORTH to SOUTH</div> <div>DIRECTION OF TRAFFIC: 1-LN/2-WAY</div> <div>FUNCTIONAL CLASS: RL-MINOR COLLECTOR</div> <div>NBI OWNER: MODOT</div> <div>NBI MAINTAINED: MODOT</div> <div>MAINTENANCE DISTRICT: SE</div> <div>MAINTENANCE COUNTY: DUNKLIN</div> <div>SUB AREA: 7H25</div>		<div>PLACE CODE: 34390 INDEPENDENCE</div> <div>LENGTH: 52 FT 0 IN</div> <div>MAXIMUM SPAN: 16 FT 10 IN</div> <div>APPROACH ROADWAY: 18 FT 0 IN</div> <div>CURB TO CURB: 20 FT 0 IN</div> <div>OUT TO OUT: 22 FT 4 IN</div> <div>AADT: 64</div> <div>AADT YEAR: 2024</div> <div>AADT TRUCK: 12.1%</div> <div>FUTURE AADT: 90</div> <div>FUTURE AADT YEAR: 2044</div>		<div>DATE: 11/19/2024</div> <div>RESPONSIBILITY: DISTRICT</div> <div>FREQUENCY: 12</div> <div>CALCULATED INTERVAL**: 12</div> <div>TEAM LEADER: JESSE ELSEMAN</div> <div>ELEMENT: NO</div> <div>INSPECTOR 2:</div> <div>INSPECTOR 4:</div> <div>INSPECTOR 3:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>			
						GENERAL INSPECTION COMMENTS			
FRACTURE CRITICAL INSPECTION INFORMATION					***INDEPTH INSPECTION INFORMATION***				
<div>DATE:</div> <div>FREQUENCY:</div> <div>TEAM LEADER:</div> <div>INSPECTOR 2:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>					<div>RESPONSIBILITY:</div> <div>CALCULATED INTERVAL**:</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>CATEGORY:</div> <div>NBI:</div> <div>METHOD:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>				
FRACTURE CRITICAL INSPECTION COMMENTS					INDEPTH INSPECTION COMMENTS				
SPECIAL INSPECTION INFORMATION					***UNDERWATER INSPECTION INFORMATION***				
<div>DATE: 05/29/2014</div> <div>FREQUENCY: 120</div> <div>TEAM LEADER:</div> <div>INSPECTOR 2: CHANNEL CROSS SECTION</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>					<div>RESPONSIBILITY: DISTRICT</div> <div>CALCULATED INTERVAL**:</div> <div>INSPECTOR 3:</div> <div>INSPECTOR 4:</div> <div>CATEGORY: CHANNEL CROSS SEC</div> <div>NBI: NO</div> <div>METHOD: WT TAPE</div> <div>** When calculated interval exceeds the frequency, a justification comment per BIRM is required.</div>				
SPECIAL INSPECTION COMMENTS					UNDERWATER INSPECTION COMMENTS				
OTHER SPECIAL INSPECTIONS					OTHER UNDERWATER INSPECTIONS				
<div>DATE</div> <div>FREQUENCY</div> <div>CATEGORY</div> <div>NBI</div> <div>CALCULATED INTERVAL</div> <div>RESPONSIBILITY</div> <div>METHOD</div>					<div>DATE</div> <div>FREQUENCY</div> <div>CATEGORY</div> <div>NBI</div> <div>CALCULATED INTERVAL</div> <div>RESPONSIBILITY</div> <div>METHOD</div>				
Design_No = P0664									
<div>Page 1</div> <div>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.</div>									


		Missouri Department of Transportation			March 25, 2025	
		State Bridge Inspection Report			9:16:34AM	
COUNTY: DUNKLIN		DISTRICT: SE		CLASS: STATBR	FED-ID: 7810	BRIDGE: P0664
STRUCTURE POSTING						
APPROVED CATEGORY: S-4		CENTERLINE OF BRIDGE.				
Ton 1:		Ton 2:		Ton 3:		
COMMENTS:						
FIELD CATEGORY: S-4		CENTERLINE OF BRIDGE.				
Ton 1:		Ton 2:		Ton 3:	PROBLEM:	PROBLEM DIRECTION:
COMMENTS:						
GENERAL COMMENTS/MAJOR RATED ITEMS						
GENERAL COMMENTS: (BOWDEJ1, 09/05/2008)--(16'-16'-16') SMP WF GDR SPANS						
[ITEM 58] DECK: 4-POOR CONDITION		COMMENTS: (SHRUBM1, 11/21/2011)--MINOR T-CRACKS				
RATING : 11/14/2023		(BRAWLK1, 11/28/2022)--SATURATION				
[ITEM 59] SUPER: 5-FAIR CONDITION		COMMENTS: (DENNIB1, 12/01/2020)--REPAIRS MADE TO GIRDER ENDS AT BTS #2 & #3				
RATING : 11/13/2019						
[ITEM 60] SUB: 5-FAIR CONDITION		COMMENTS: (DENNIB1, 11/09/2015)--ALL PILE REPLACED W/ H-PILE				
RATING : 11/09/2015						
[ITEM 61] BANK/CHANNEL: 6-WIDESPREAD MINOR DAMAGE		COMMENTS: (DENNIB1, 12/01/2020)--MINOR EROSION ON SLOPES				
RATING : 11/09/2015						
[ITEM 113] SCOUR: 8-STABLE FOR CALCULATED		COMMENTS:				
RATING : 05/18/2001						
EVALUATION TYPE :						
[ITEM 71] WATERWAY ADEQUACY: DECK ABOVE FLOOD ELEV		COMMENTS:				
RATING : 05/18/2001						
[ITEM 72] APPRRDWY ALIGNMENT: 8-VERYGOOD		COMMENTS:				
RATING : 05/18/2001						
RAILING AND APPROACH PAVEMENT COMPONENTS AND RATINGS						
[ITEM 36A] BRIDGE RAILING RATING: DOESNT MEET CURRNT STND-0		RATING : 02/18/2004		COMMENTS:		
<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>			
REINFORCED CONCRETE	CURB	BOTH				
STEEL	ANGLE-DOUBLE	BOTH				
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>COMMENT</u>		
COLLISION DAMAGE	RANDOM		MINOR			
[ITEM 36B] TRANSITION RAILING RATING: NOT PROVIDED-0		RATING : 05/18/2001		COMMENTS:		
[ITEM 36C] APPROACH RAILING RATING: NOT PROVIDED-0		RATING : 05/18/2001		COMMENTS:		
[ITEM 36D] RAIL END TREATMENT RATING: NOT PROVIDED-0		RATING : 05/18/2001		COMMENTS:		
Design_No = P0664						
Page 2						
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		Missouri Department of Transportation				March 25, 2025	
		State Bridge Inspection Report				9:16:34AM	
COUNTY: DUNKLIN		DISTRICT: SE		CLASS: STATBR		FED-ID: 7810	
						BRIDGE: P0664	
APPROACH PAVEMENT: *Overall condition assigned for each approach pavemenet component is shown below.							
<u>MATERIAL</u>		<u>CONSTRUCTION</u>		<u>DIRECTION</u>		<u>CONDITION*</u>	
ASPHALT		BITUMINOUS MAT		BOTH		POOR	
DRAINAGE, EXPANSION DEVICES, BANK/SLOPE, AND DECK PROTECTIVE COMPONENTS							
<u>DECK PROTECTIVE COMPONENTS:</u>							
<u>SERIES TYPE-#</u>		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>	
MAIN SERIES-1		WEARING SURFACE		ASPHALT		BITUMINOUS SEAL COAT	
						<u>THICKNESS</u>	
						.4 IN	
						<u>YEAR APPLIED</u>	
						2014	
						<u>MANUFACTURE</u>	
						<u>OVERALL CONDITION</u>	
						FAIR	
<u>COMMENT:</u>							
		<u>DECK PROTECTION</u>		<u>NOTAPPLICABLE</u>		<u>NONE</u>	
<u>COMMENT:</u>							
		<u>MEMBRANE</u>		<u>NOTAPPLICABLE</u>		<u>NONE</u>	
<u>COMMENT:</u>							
<u>DRAINAGE COMPONENTS:</u>							
		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>	
		DRAINAGE		REINFORCED CONCRETE		CURB OUTLET	
						<u>DIRECTION</u>	
						<u>COMMENTS</u>	
<u>EXPANSION DEVICE COMPONENTS:</u>							
<u>SUB UNIT-#</u>		<u>SUB LABEL</u>		<u>COMPONENT</u>		<u>MATERIAL</u>	
						<u>CONSTRUCTION</u>	
						<u>GAP</u>	
						<u>YEAR APPLIED</u>	
						<u>MANUFACTURE</u>	
						<u>OVERALL CONDITION</u>	
<u>COMMENT:</u>							
<u>BANK/SLOPE PROTECTION COMPONENTS:</u>							
		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>	
		BANK PROTECTION		EARTH FILL		BERM	
						<u>DIRECTION</u>	
						<u>COMMENTS</u>	
						<u>BOTH</u>	
DECK COMPONENTS							
<u>SPAN TYPE-#</u>		<u>COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>	
MAIN SPANS-1		DECK		REINFORCED CONCRETE		CAST-IN-PLACE	
						<u>COMMENTS</u>	
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	
SATURATION		RANDOM				MODERATE	
SCALING		THROUGHOUT				MODERATE	
SPALLS		EDGE				MINOR	
TRANSVERSE CRACKS		RANDOM				FEW	
						(ROBINC3, 11/30/2017)--W/EXPOSED REBAR	
MAIN SPANS-2		DECK		REINFORCED CONCRETE		CAST-IN-PLACE	
						<u>COMMENTS</u>	
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	
SATURATION		RANDOM				MODERATE	
SCALING		THROUGHOUT				MODERATE	
SPALLS		EDGE				MINOR	
TRANSVERSE CRACKS		RANDOM				FEW	
Design_No = P0664							
Page 3							
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		State Bridge Inspection Report					9:16:34AM		
COUNTY: DUNKLIN		DISTRICT: SE		CLASS: STATBR		FED-ID: 7810		BRIDGE: P0664	
<u>ASSOCIATED COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>					
BEAM CAP		TIMBER		BEAM					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
ROTTEN		ENDS				MODERATE			
PILING		TIMBER		OTHER					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
REPLACE WITH H PILE		ALL				NOT APPLICABLE			
CROSS BRACING		TIMBER		PLANKS					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
EXPANSION BEARING		STEEL		SLIDING FLAT PLATE					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
BENT-3		22 FT 6 IN	REINFORCED CONCRETE	PILE CAP					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
<u>ASSOCIATED COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>					
BEAM CAP		TIMBER		BEAM					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
ROTTEN		ENDS				MINOR			
PILING		TIMBER		OTHER					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
REPLACE WITH H PILE		ALL				NOT APPLICABLE			
CROSS BRACING		TIMBER		PLANKS					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
EXPANSION BEARING		STEEL		SLIDING FLAT PLATE					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
ABUTMENT-4		22 FT 6 IN	REINFORCED CONCRETE	OPEN CONCRETE					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
<u>ASSOCIATED COMPONENT</u>		<u>MATERIAL</u>		<u>CONSTRUCTION</u>					
BEAM CAP		TIMBER		BEAM					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
ROTTEN		ENDS				MINOR			
SPLITTING		THROUGHOUT				MINOR			
PILING		TIMBER		OTHER					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
REPLACE WITH H PILE		ALL				NOT APPLICABLE			
STRAIGHT WINGS		TIMBER		PLANKS					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
WING PILES		TIMBER		OTHER					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
BACKWALL		TIMBER		PLANKS					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
EXPANSION BEARING		STEEL		SLIDING FLAT PLATE					
<u>CONDITION</u>		<u>LOCATION 1</u>		<u>LOCATION 2</u>		<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
OVER/UNDER ROUTES CLEARANCE INFORMATION									
<u>CLEARANCES OVER DECK</u>									
**NOTE: Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance.									
<u>VERTICAL CLEARANCE TYPE**</u>		<u>VALUE</u>	<u>DIRECTION</u>	<u>DATE</u>	<u>COMMENT</u>				
</									

		<div>Missouri Department of Transportation</div> <div>State Bridge Inspection Report</div>				<div>March 25, 2025</div> <div>9:16:34AM</div>							
COUNTY: DUNKLIN		DISTRICT: SE		CLASS: STATBR		FED-ID: 7810		BRIDGE: P0664					
<div><div><div>CLEARANCES UNDER BRIDGE</div><div><div>RECORD #</div><div>ROUTE</div><div># LANES</div><div>DIRECTION OF TRAFFIC</div><div>RIGHT LATERAL CLEARANCE</div><div>LEFT LATERAL CLEARANCE</div><div>UR-ID</div></div></div><div><div>VERTICAL CLEARANCE TYPE**</div><div>VALUE</div><div>DIRECTION</div><div>DATE</div><div>COMMENT</div></div></div> <div>**NOTE: Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance.</div>													
STRUCTURE PAINT INFORMATION													
CONDITION: FAIR		RUST AMOUNT : 8=.1% OF SURFACE RUSTED			STEEL TONS : 8								
<u>ORIGINAL PAINT</u>		<u>CONTRACT REPAINT</u>			<u>DEPARTMENT REPAINT</u>								
PAINT TYPE :		PAINT TYPE :			PAINT TYPE : S SYSTEM		MANUFACTURE :SHERWIN WILLIAMS						
NAME :		NAME :			NAME : CAL SULPH/LEAD PAINT		SURFACE PREP :HAND CLEANED						
PAINT COLOR :		PAINT COLOR :			PAINT COLOR : GRAY								
PAINT YEAR : 1974		PAINT YEAR :			PAINT YEAR : 2007								
MILS :		MILS :			MILS : 10								
REQUESTED WORK ITEMS													
GENERAL WORK COMMENTS:													
RESPONSIBILITY		LOCATION		ITEM		CATEGORY		PRIORITY		DATE		WORK ITEM COMMENT	
UTILITY ATTACHMENTS													
UTILITY		OWNER		METHOD		MEASUREMENT TYPE		VALUE		NUMBER		UTILITY ATTACHMENT COMMENT	
PROGRAM NOTES INFORMATION													
<u>YEAR</u>		<u>PROJECT #</u>		<u>MONTH LET</u>		<u>YEAR LET</u>		<u>ITEMS</u>		<u>COMMENT</u>			
2027		SE0065		1		2027		REPLACE BRIDGE					
Design_No = P0664													
<div>Page 6</div> <div>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.</div>													

			Missouri Department of Transportation		March 25, 2025	
			State Bridge Inspection Report		9:16:34AM	
COUNTY: DUNKLIN			DISTRICT: SE		CLASS: STATBR	
			FED-ID: 7810		BRIDGE: P0664	
COMPUTER GENERATED RATINGS AND DEFICIENCY ITEMS					***ADVANCED SIGN INFORMATION***	
NOTE: The items listed in this section are updated whenever computer edits are ran on a structure after the inspection updates have been entered in to TMS.					SIGN #	
					SIGN TYPE	
					PROBLEM	
					PROBLEM DIRECTION	
<u>Rated Item</u>					1	
<u>Rating</u>					YIELD TO ONCOMING TRAFFIC	
<u>Rating Date</u>					2	
[Item 67] Structure Evaluation Rating: 4-MEETS MINIMUM TOLERABLE					B - ONE LANE BRIDGE	
[Item 68] Deck Geometry Rating: 5-BETTER THAN MINIMUM						
[Item 69] Underclearance: N-NOT APPLICABLE						
Sufficiency Rating: 48.1%						
Deficiency: STRUCTURAL						
Funding Eligibility: ----						
Estimated New Structure Length: ----						
Estimated Structure Cost: ----						
Estimated Total Project Cost: ----						
Year of Cost Estimate: ----						
NOTE: The above structure length and cost estimates are computer generated using algorithms in the TMS system. These algorithms are generalized to use NBI items to come up with a new structure length and width to calculate a new area which is taken times a representative cost per square foot. The actual structure size and cost may vary significantly from these numbers once site specific engineering is done.						
					OUTFALL INSPECTION INFORMATION	
					# OUTFALLS:	
					INSPECTOR:	
					STATUS:	
					DATE:	
					NOTES:	



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

March 25, 2025
9:12:52am

COUNTY : DUNKLIN BRIDGE : P0664 REVIEW STATUS : CONVERTED NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 3/7/2025 SUBMITTAL YEAR : 2025

GENERAL 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	DUNKLIN	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	7810	5D	Route Number	000UU
27	Year Built	1955	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	RT UU E
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	NO
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	08-RURAL MINOR COLLECTOR
101	Parallel Struc Desg	NONE EXISTS	28A	Lanes on Structure	01
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
STRUCTURE LOCATION INFORMATION			STRUCTURE TRAFFIC INFORMATION		
4	Place	INDEPENDENCE	29	AADT	64
	Code	34390	30	AADT Year	2024
9	Location	S 29 T 18 N R 10 E	102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
11	Milepoint	0.47 miles	109	AADT Truck Percent	12%
16	Latitude	36 D 10 M 4 S	114	Future AADT	90
17	Longitude	90 D 0 M 15 S	115	Future AADT Year	2044
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	LATERAL DTCH NO 79	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	0.00 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	16 Ft. 9 In.
56	Left Lat Clearance	0 Ft. 0 In.	49	Structure Length	51 Ft. 10 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		53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = p0664 and Inventory_Appraisal_Submittal_Year = 2025



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Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet

March 25, 2025
9:12:52am

COUNTY : DUNKLIN BRIDGE : P0664 REVIEW STATUS : CONVERTED NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 3/7/2025 SUBMITTAL YEAR : 2025

LOAD RATING AND POSTING INFORMATION			MATERIAL/CONSTRUCTION INFORMATION		
31	Design Load	H 10	43A	Main Struc. Mat type	STEEL
41	Structure Status	POSTED FOR LOAD	43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD
63	Oper. Rating Meth.	ALLOWABLE STRESS	45	# of Main Spans	3
64	Operating Rating	29 Tons.	44A	Appr Struc. Mat type	000
65	Inventory Rating Meth	ALLOWABLE STRESS	44B	Appr Struc. Cnstr. type	000
66	Inventory Rating	15 Tons.	46	# of Approach Span	0
70	Bridge Posting Code	0.1-9.9% BELOW	107	Deck Mat/Constr.	1 CONCRETE CIP
PROPOSED IMPROVEMENT INFORMATION			108A	Wear Surf Mat/Constr.	6 BITUMINOUS
Sufficiency Rating 48.1 Percent			108B	Membrane Mat/Constr.	0 NONE
Deficiency Rating STRUCTURAL			108C	Deck Protect Mat/Constr.	0 NONE
Funding Eligibility FULL			CONDITION RATING INFORMATION		
75A	Proposed Work	REPLACEMENT SUBSTND LOAD	58	Deck Cond. Rating	4
75B	Work Done By	Contract	59	Superstructure Cond. Rating	5
76	New Struc Length	75 Ft. 6 In.	60	Substructure Cond. Rating	5
94	Struc Improve Cost	\$ 390,000	61	Channel /Channel Protection Cond. Rating	6
95	Roadway Improve Cost	\$ 39,000	62	Culvert Cond. Rating	N
96	Total Project Cost	\$ 585,000	INSPECTION INFORMATION		
97	Year of Cost Estimates	2025	90	Gen. Insp Date	11 / 24
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	5	93C	Special Inspection Date	
69	Underclearance App. Rating	N	BORDER BRIDGE INFORMATION		
71	Waterway Adeq. App. Rating	8	98	Neighboring State Code	
72	Approach Road App. Rating	8	98B	Neighboring State % Respon	
113	Scour Assess App. Rating	8	99	Neighboring State Struc. No.	
APPROVED POSTING INFORMATION			FIELD POSTING INFORMATION		
Approved Posting Category S-4			Field Posting Category S-4		
Ton1 Ton2 Ton3			Ton1 Ton2 Ton3		
Tonnage Values for Posting Sign			Tonnage Values for Posting Sign		
General Text for Posting Sign			General Text for Posting Sign		
CENTERLINE OF BRIDGE.			CENTERLINE OF BRIDGE.		

Design_No = p0664 and Inventory_Appraisal_Submittal_Year = 2025