3-16:10" I-Bm. Spans (Use 18-12" old I-Beams @ 31.8" x 16'-8" long stored at Hayti. See Special Provisions.

15-0"Wing Pile

15-0" Wing Pile - # of Piles & Pile Cap

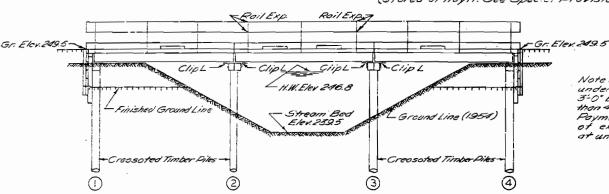
Present Structure

To be removed) (See Special Provisions)

Proposed Structure

- F. Roodway

# Roodway



GENERAL ELEVATION

-15'0 Wing Pile

-15-0" Wing Pile

- # of Piles & Pile Cop -

Drainage Area 2.0 Sq Miles (Flat)

 $\prec \overline{\prime} \prec \overline{\prime}$ 

16<del>`</del>5"

- & Bent

16-10

52:2 PLAN

LOCATION SKETCH

& Bent

Note: Excevation 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 excevation outside the limits of exception for structure will be made at unit contract price for Roosey Exception.

DATA FOR PILE DRIV	ING	
Bent No. (Not including Wing Piles	14.1	243
Plan Copacity Per Pile	100 Ton	130Ton.
Computed Capacity Regid Per Pile	10.CTon	11.0 Ton.
Min. Penetration (Pile Tip Elev.)	224.0	224.0

No test piles are to be driven and the Contractor may proceed to order piles to the lengths indicated on the plens 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 "Flon" capacities, and rother animum praetrations noted; unless the pile lengths authorized and furnished fail to give "lan" capacities in which cases not less than the Computed capacities shall be

obtained.
As the pile driving proceeds the Engineer may of 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.

DATA	FOR	PILE	DRIV	ING	
Bent No. (Not incluse	ding M	ling Pi	165	14.1	243
Plan Copacity F	Pr PI	'e		100Ton	
Compited Capa	CITYR	eg'd Pe	~ Pile	10.CTon	11.0 Ton.
Min. Penetration	n (Pil	a Tip E	lev.)	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 for penetration will be determined by the Engineer during

Item	Substr.	Superstr.	Total
Class I Excavation for Structures Culds	70		70
Class "B" Concrete CuYds		25.3	25.3
Fobricated Structural Steel (Old.) Lbs.		9540	9540
Fobricoled Structural Steel (New) Lbs.		5250	5290
Reinforcing Steel Lbs.		5140	5140
Creosoted Timber Piles in Place Lin. Ft.	480	. 1	480
Creosoted Timber Pile Cut-offs Lin. Ft.			60
Creasoted 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 and of 6"
16' backing supports for end bents.

All bridge excovation will be paid for as Class | Excevation

See Special Provisions regarding (old) and (New) Fabricated Structural Steel.

FED. ROAD STATE FED. AID FISCAL SHEET NO. PROJ. NO. YEAR NO. 5'333111 18

		E	HLL	OF RE	INFORCING STEEL	
No.	Size	Length	MK.	Location	Banding Steiches	
84	45	2:9"	01	Curb		
12	16	17:3"	C2	"	2-1"	
6	46	16-6	C3		1 15 17	
					-3" Fodius	
208	41	220"	5/	Siob	0 5	
66	Nex	17:3"	52	7.		
33	24	16-6	53	-		
			$\Box$		CI CI	
					1	
90	-4	4-3"	01	Siophs.	1	
	$\Box$		$\overline{}$	3.00174	1	٠.
					1	
	1 -			1	1	
	}				1	

GENERAL NOTES:

Design Specifications A.A.S.H.O.-1958 Loading HIO-44

Loading NO-44
Class B Concrete Stress 1,000 \*1.0"
Reinforcing Steel Stress 16,000 \*1.0"
Structural Steel (New) Stress 16,000 \*1.0"
Structural Steel (No I-Bms) 16,000 \*1.0"
Creosoted Timber Stress 1,600 \*1.0"

All concrete shall be class 15."
All to restable be class 15."
All times shall be crossored and shall be 1600 "f
Douglas in of the West Coast Region or either Longled
or Short lest 1600 "f 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 Tield.

Rivets & Holes to Paint: Shop, none; Field, contact surfaces of bolted Paint: Shop, none; Field, contact surfaces of bolted field connections one cost of red lead and surfaces inaccessible after erection three costs of red lead. No other point to be applied by the Contractor Red lead required shall be furnished by the Contractor Payment for cleaning and pointing such surfaces will be included in unit price but for Fabricated Structural

Where joint filler is specified on plans it shall conform with the requirements for Premoulded Material for Filler as given in Section 38-19.8(1) h of the Standard Specifications.

B.M. #18 Elex 247.23 N.I.E.R. 34" Elm 50'Rt. Sto. 212+65.0 (M" 1 F.

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. 5-1354(1) (SUU) STA. 214+39.9

DUNKLIN

COUNTY

a williams un 12/6/1954 Rex M. Whitton our 12/6/1954

STD. C-LOR3 P-064

**BI** [k [ !! ]

Sheet No. / of 3

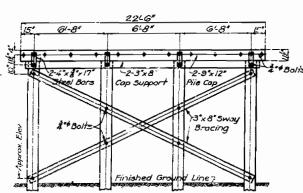
Stn. 214+39.9

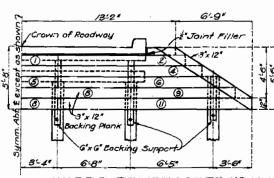
Drawn Oct. 1954 by W.E.S. Checked Oct. 1954 by H.J.K. Note: This drawing is not to scale. Follow dimension:

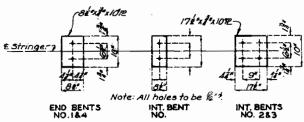
Sto. 214+39.9-

and the properties

## MISSOUR! STATE HIGHWAY DEPARTMENT

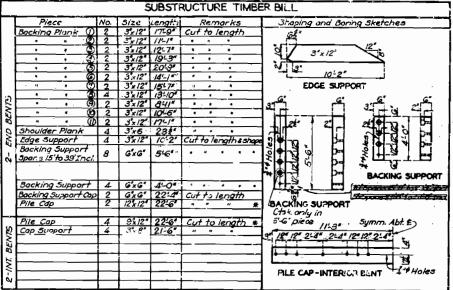






DETAILS OF BEARING PLATES Note: All bearing plates shall be straightened to plane surfaces.



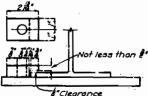


Note: Pile caps to be Classified as Beams and Stringers."

All other timber to be classified as Joists and Plank.

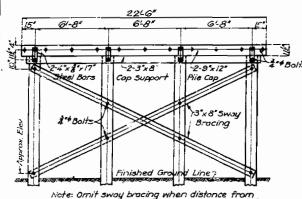
\* 325 to exact depth of I/E."

No holes are to be bored in end bent pile caps or in 12"x 18" interior pile caps (if used) before treating.



Note: Cast iron clamps used on bearing plates to have & clearance at flange of beam to allow for expansion. All clamps to have \$ " cored hales.

DETAILS OF FLANCE CLAMP



bottom of pile cap to ground is less than 5'0." DEVAIL OF INTERIOR BENTS NO. 2&3

REQUIRING SINGLE BRACING

Note: Excavation will be allowed for interior bents within the maximum horizontal limits of 4°9° in width and 22°6° in length.

All 4°x8° x 17° bars required for attaching pile cop to pile cop supports are to be considered

substructure hardware of d will be included in price bid for timber in place.

As noted in Section 30-4 of Specifications on

PILE CUT-OFF ELEVATIONS

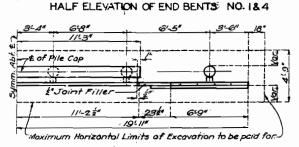
Bearing Piles 246.93 Bearing Piles 246.93 Wing Piles 246.83

Cut-OFF

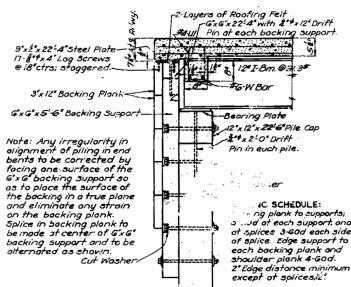
No. 184 ELEV.

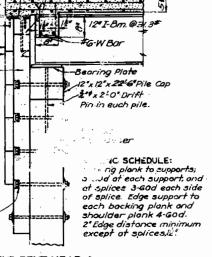
approved spike 'imber grid shall be used between piles and sway bracing of all interior bents.

No. 2E3 ELEV.



HALF PLAN OF END BENTS NO. 184







rat St. Filler #4-UI (#4-UI /12"I-Bm.@31.8# 12:13m.@318# TG-W BOT Bolt (Square Head L G'x 4'x 8'x 12' Hote Holes in clip Lto be Dri led in tield to motch hoies shep punched in stringer flange Bor 4'x 8'x 17'
"Bolts
3'x 8' Cop Support
9'x 12' Pile Cop

Note: Holes in clip angles to be drilled in shop and hales in beams to be drilled in field to match.

#### rR. 9"x 2"x 22-4" \* \* \* \* \* \* \* \* loles, Ctsk. Near Side 14 Spaces & 18" ctrs. alternated 22'4" CAP PLATE AT END BENT

## CLIP ANGLE AT FIXED END OF STRINGERS

Note: Clip angles against bearing blocks not requiring 42" cuts to be made to width of beam

#### SPANS REQUIRING INTERIOR BENTS FOR EQUAL DEPTH STRINGERS

/C Joint Bents 253

Naie: Pile caps 12"x 18" may be substituted for 2-9"x 12" pile caps shown. Field drill lower hole in one 4" bor of each pile.

BRIDGE OVER LOULINAL DITCH NO. 70 STATE ROAD FROM RTE. NN 3 MILES S. OF RTE. 84 S.W.

ABOUT 10.0 MILES S. S. OF KENNETT PROJECT NO.5-1354(1) (SUU) STA. 214+39.9

DUNKLIN

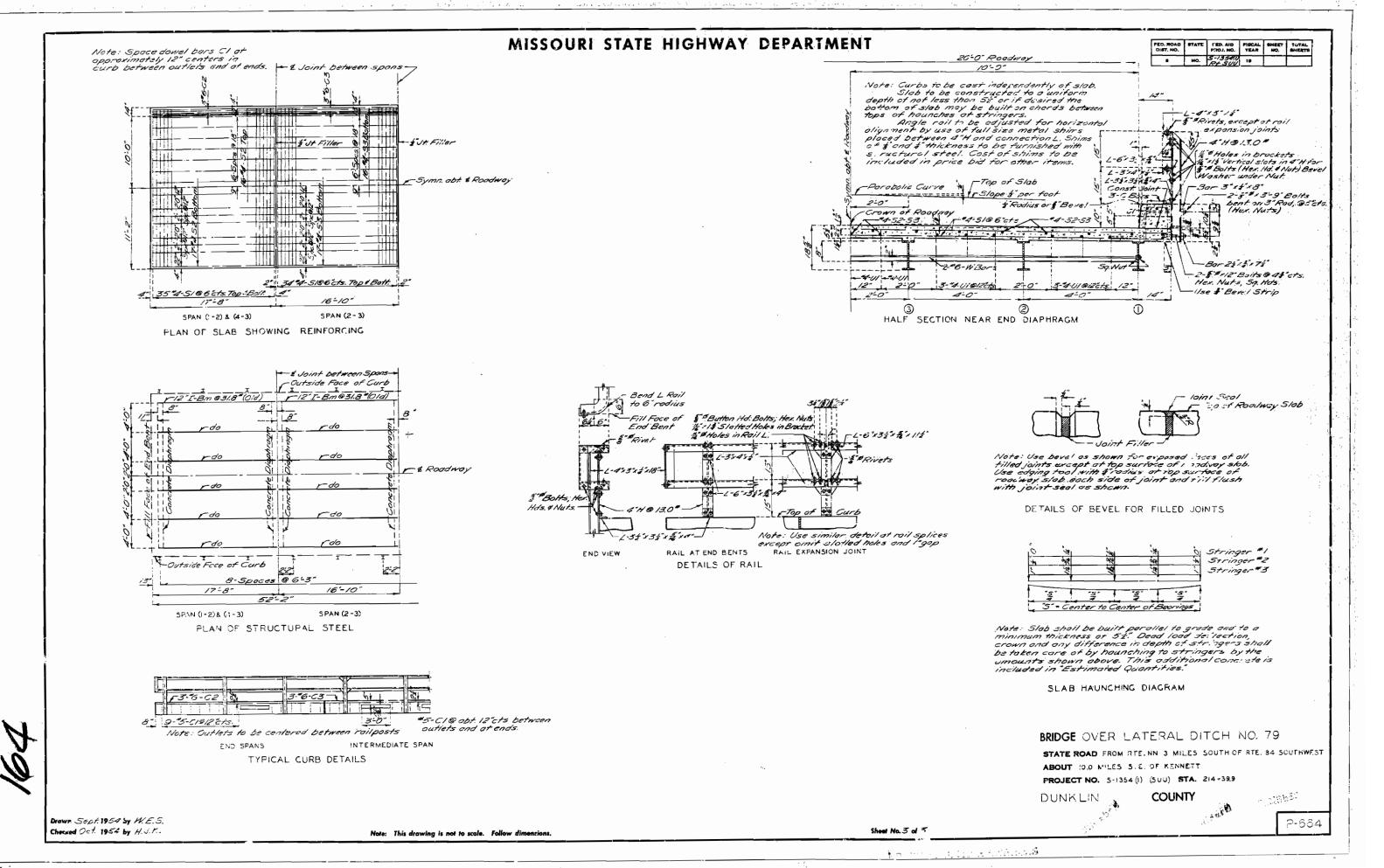
CCUNTY



AssembledSepd954 by W.E.S.E.W.G.S Checked Oct. 1954 by H.J.K.

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

Sheet No. 2 of 3  P-664





3-16-10" I-Bm. Spans (Use 18-12" old I-Beams @ 31.8" x 16-8" long stored of Hayti. See Special Provisions Gr. Elev 2495 W-ClipL-- H.W. Elev 246.8 Stream Bed Elev. 2595

GENERAL ELEVATION

-15-0 Wing Pile

-15'0" Wing Pile

of Piles & Pile Cop

16:5"

Note: Ercovation of all existing materials under bridge shall be made to not less than 3-0" below bottom of steel and not less Payment for this excevation outside the limits of excevation for structure will be made at unit contract price for Roodway Excevation.

	DATA FOR PILE DRIV		
•	Bent No. (Not including Wing Piles	114	215
Ì	Plan Copocity Per Pile	100 Ton	130Ton
٠	Computed Copocity Regis Per Pile	DOTOR	11.0 Ton.
	Min Denetration (Pile Tip Elex.)	224.0	2240

only. Proper lengths to give required bearing and for 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

	<u> </u>	1.6	41.74 (4)	<u> </u>	· .	
	DATA F					l
Bent No. (	Not including	Wing	Piles	114	215	1
Plan Co	ocity Per	Pile	10 12 <u>2</u> 5	100 Ton	130Ton	ŀ
Comput	ed Covocit	V Resol	J Der Pile	100Ton	11.0 Ton.	ŀ
Min. Den	etrotion (	Oile 7	pElev.)	224.0	224.0	1
	7 7 7 7 7 7 7				Γ	Ţ

Note: All piling shall be crossoted timber. Estimated Quantities shown on plans are based on the following lengths 16 @ 30-0" and 4 @ 15-0" These indicated lengths are approximate

obtained. optoined.
As the pile driving proceeds the Engineer may of 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.

Class B Concrete Cu'ds 253 253 Fabricated Structural Steel (Old) Lbs. 9540 9540 Fabricated Structural Steel (New) Lbs. 5190 5190 Reinforcing Steel Lbs. 5140 5140 Creasated Timber Piles in Place Linft. 452 452 Creasated Timber Pile Gut His Linft. 89 82	Item	Substr	Superstr.	Total
Fabricated Structural Steel (Old) Lbs. 9540 9540 Fabricated Structural Steel (Old) Lbs. 5190 5190 Febricated Structural Steel (New) Lbs. 5190 5190 Febricated Structural Steel (New) Lbs. 5140 5140 Greasated Timber Piles in Place Lin Ft. 452 452 Creasated Timber Pile Gut-ths Lin Ft. 89 82	Closs I Excavation for Structures Culds	61.0		61.0
Fabricated Structural Steel (Old) Lbs. 9540 9540 Fabricated Structural Steel (New) Lbs. 5190 5190 Reinforcing Steel Lbs. 5140 5140 Creasated Timber Piles in Place Linft. 452 452 Creasated Timber Pile Gututts Linft. 89 82	Class B Concrete Curds.		25.3	25.3
Fobricated Structural Steel (New) Lbs. 5190 5191 Reinforcing Steel Lbs 5140 5140 Creasated Timber Piles in Place Linft 452 452 Creasated Timber Pile Gututts Linft 89 82			9540	9540
Creasored Timber Piles in Place Linft. 452: 452. Creasored Timber Piles in Place Linft. 452: 452. Creasored Timber Pile Gut-Hs Linft. 89 82	Fobricated Structural Stes (New) Lbs.		5190	5190
Creosoted Timber Pile Gut offs Lin. Ft. 89 89		λ <sub>0</sub>	5140	5140
Creosoted Timber Pile Gut offs Lin. Ft. 89 89	Creasated Timber Piles in Place Lin. Ft.	452	1.5	452
Transacted Timber FAM 2980 2987				82
	Creosoted Timber F.B.M.	2980		2980

Note: Bridge excavation will be allowed for all bents within the harisantal limits shown and noted on bent details. This excuration will be computed from existing ground line to bottom and of 6' 16' backing supports for and bents.

All bridge excavation will be paid for as Class | Excavation for Structures.

See Special Provisions regarding (old) and (New) Fabricated Structural Steel

PER AND PRICAL SMEET FOTAL PRICAL NO. YEAR BO. SHEETS FINAL PLANS

٠,٠		, √B	بالثالة	OF RE	INFORCING STEEL
No.	Size	Length	Mk.	Location	Bending Stelches
84	15	29	C7	Curo	and the second s
12	16	17:3	C2		2:1
6	46	16:6	C3	~	rf3 173
	1 4	14.00			-3" Radius
208	41	220	51	5100	0 3-1
66	4	17:3"	52	~ -	
33	14	16-6	53		ure si
			17		1 . 01
	1.5		17	1.17	<u>'</u>
20	-4	1:3"	111	Brooks.	1
11:			7	1	
		1:	-		1 .
		ų			
1.	Г	1:			1

GENERAL NOTES.

Design Specifications A.A.S.H.O.-1963 Loading HIO-44 Class B Concrete Stress 1,000\*/\* Reinforcing Steel Stress 1,000"/"
Reinforcing Steel Stress 18,000"/"
Structural Steel (New) Stress 18,000"/"
Structural Steel (Old F-Bms) 16,000"/"
Creosoted Timber Stress 1,600"/s"
Ail concrete shall be closs 18.

All timber shall be close & and shall be 1600 of Douglis Fir of the West Coast Region or either Langles or Short leaf 1600 of Southern Yellow Pine.

All timber shall be standard sawn except as noted in timber shall be standard sawn except as noted

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 bared as shown before treating. All backing plank are billed 6° long and are to be recut and tilled in the field.

Rivet's § ", Holes #."

Paint: Shop, none: Field, contact surfaces of bolted field connections one coot 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. Payment for cleaning and painting such surfaces will be included in unit price bid for Fabricated Structural

where joint filler is specified on plans it shall conform with the requirements for Premoulded Material for Filler as given in Section 38-19.8(1) h of the Standard Specifications.

B.M. 418 Elev. 247.25 N.I.E.R. 24" Elm 50 Rt. Sto. 212+65.0 (M.G.L. Dotum) B.M Elev. 250.30 @ N.E.Car. Br. Curb 12'Et. 540. 214+39.9

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. 5-1354(1) (SUU) STA. 214+39.9

DUNKLIN

COUNTY

J.a. arlliam - 12/6/1954 Germoration 12/6/1954

STD.C-IIQR3 P-664

WINHED!

52-2 PLAN Drainage Area 2.0 Sq. Miles (Flat) Present Structure To be removed) (See Special Provisions) Sta. 214+399-E ROODWay Proposed Structure LOCATION SKETCH

& Bent

16'-10"

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

Sta 214+399

Note: This drewing is not to scale Follow dim

150 Wing Pile

150 Wing Pile

of Piles & Pile Cap

16:5"

# Roodwa

Sheet No. /A of /



## Missouri Department of Transportation State Bridge Inspection Report

March 25, 2025 9:16:34AM

COUNTY: DUNKLIN DISTRICT: SE CLASS: STATBR FED-ID: 7810 BRIDGE: P0664

\*\*\*GENERAL STRUCTURE INFORMATION\*\*\* \*\*\*BRIDGE INSPECTION INFORMATION\*\*\* **ROUTE: RTUUE** # **SPANS**: 3 PLACE CODE: 34390 INDEPENDENCE **RESPONSIBILITY: DISTRICT DATE:** 11/19/2024 LANES ON: 1 FEATURE: LATERAL DTCH NO 79 LENGTH: 52 FT 0 IN FREQUENCY: 12 CALCULATED INTERVAL\*\*: 12 LANES UNDER: 0 **STATUS: P-POSTLOAD MAXIMUM SPAN: 16 FT 10 IN TEAM LEADER: JESSE ELSEMAN ELEMENT: NO LOG MILE:** 0.462 **COMPASS DIRECTION: NORTH to SOUTH** APPROACH ROADWAY: 18 FT 0 IN **INSPECTOR 2: INSPECTOR 4: DETOUR: 99.00 MILES DIRECTION OF TRAFFIC: 1-LN/2-WAY** CURB TO CURB: 20 FT 0 IN **INSPECTOR 3: OUT TO OUT:** 22 FT 4 IN NHS: NO **FUNCTIONAL CLASS: RL-MINOR COLLECTOR** \*\* When calculated interval exceeds the frequency, a justification comment per BIRM is required. **BUILT:** 1955 **NBI OWNER: MODOT** AADT: 64 **GENERAL INSPECTION COMMENTS** REHAB: **NBI MAINTAINED: MODOT AADT YEAR: 2024** MAINTENANCE DISTRICT: SE LOCATION: S 29 T 18 R 10 E **AADT TRUCK:** 12.1% **LATITUDE:** 36 10 4.45 (DMS) **MAINTENANCE COUNTY: DUNKLIN FUTURE AADT: 90 LONGITUDE:** 90 0 15.45 (DMS) SUB AREA: 7H25 **FUTURE AADT YEAR: 2044** \*\*\*INDEPTH INSPECTION INFORMATION\*\*\* \*\*\*FRACTURE CRITICAL INSPECTION INFORMATION\*\*\* DATE: RESPONSIBILITY: **CATEGORY: CATEGORY:** DATE: **RESPONSIBILITY: FREQUENCY: CALCULATED INTERVAL\*\*: NBI**: **FREQUENCY: CALCULATED INTERVAL\*\*: NBI**: **TEAM LEADER: INSPECTOR 3: METHOD: TEAM LEADER: INSPECTOR 3: METHOD: INSPECTOR 2: INSPECTOR 4: INSPECTOR 2: INSPECTOR 4:** \*\* When calculated interval exceeds the frequency, a justification comment per BIRM is required. \*\* When calculated interval exceeds the frequency, a justification comment per BIRM is required. FRACTURE CRITICAL INSPECTION COMMENTS **INDEPTH INSPECTION COMMENTS** \*\*\*SPECIAL INSPECTION INFORMATION\*\*\* \*\*\*UNDERWATER INSPECTION INFORMATION\*\*\* **DATE:** 05/29/2014 **CATEGORY:** CHANNEL CROSS SECT **DATE:** 11/19/2024 **CATEGORY: DRY RESPONSIBILITY: DISTRICT RESPONSIBILITY: DISTRICT** FREOUENCY: 120 **NBI:** NO FREOUENCY: 60 NBI: NO **CALCULATED INTERVAL\*\*:** CALCULATED INTERVAL\*\*: 12 **TEAM LEADER:** JESSE ELSEMAN **TEAM LEADER: INSPECTOR 3: METHOD:** WT TAPE **INSPECTOR 3: METHOD: VISUAL INSPECTOR 2:** CHANNEL CROSS SECTIONINSPECTOR 4: **INSPECTOR 2: INSPECTOR 4:** \* When calculated interval exceeds the frequency, a justification comment per BIRM is required. \*\* When calculated interval exceeds the frequency, a justification comment per BIRM is required. SPECIAL INSPECTION COMMENTS **UNDERWATER INSPECTION COMMENTS** OTHER SPECIAL INSPECTIONS OTHER UNDERWATER INSPECTIONS **DATE FREQUENCY CATEGORY** NBI CALCULATED INTERVAL RESPONSIBILITY **METHOD** DATE **FREQUENCY CATEGORY** NBI CALCULATED INTERVAL RESPONSIBILITY **METHOD** 

MoDOT

## **Missouri Department of Transportation State Bridge Inspection Report**

March 25, 2025 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. **PROBLEM:** PROBLEM DIRECTION: **Ton 1: Ton 2: Ton 3: 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 (BRAWLK1, 11/28/2022)--SATURATION **RATING:** 11/14/2023 [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: DIRECTION MATERIAL CONSTRUCTION COMMENTS** REINFORCED CONCRETE **CURB BOTH BOTH** STEEL ANGLE-DOUBLE **CONDITION LOCATION 1 SEVERITY LOCATION 2 COMMENT** 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: RATING:** 05/18/2001 [ITEM 36D] RAIL END TREATMENT RATING: NOT PROVIDED-0 **COMMENTS:** Design No = P0664

MODOT

## **Missouri Department of Transportation State Bridge Inspection Report**

March 25, 2025 9:16:34AM

**COUNTY: DUNKLIN** 

**DISTRICT: SE** 

**CLASS: STATBR** 

FED-ID: 7810

BRIDGE: P0664

	H PAVEMENT: *Overall con		-	_		N. T. C.					
<u>MATERIAL</u> ASPHALT		<u>TRUCTION</u> NOUS MAT	<u>DIRECTION</u> BOTH	<u>CONDITIO</u> Poor	<u>COMME</u>	<u>V1S</u>					
ASITIALI	DITOWN	NOOS WAI	ВОПП	1001							
		***DRAIN	NAGE, EXPANS	ION DEVICES	, BANK/SLOPE,	AND DECK PR	OTECTIVE C	OMPONENTS***			
CK PROTECTIVE COMPON		3.6.47F1	CDIAI	CONCE	DUCTION	THEWNESS	VE AD ADDLIED	MANUELCEURE	OVER 411.6	ONDITION	
SERIES TYPE-#	<u>COMPONENT</u> WEARING SURFACE	· · · · · · · · · · · · · · · · · · ·	ERIAL		RUCTION		YEAR APPLIED	<u>MANUFACTURE</u>	<u>OVERALL C</u>		
MAIN SERIES-1	WEARING SURFACE	ASPF	PHALT	BITUMINOC	JS SEAL COAT	.4 IN	2014		FA.	IK	
<u>COMMENT:</u>											
	DECV DROTECTION	NOTADE	DLICADI E	A.T.	ONE						
	DECK PROTECTION	NOTAPP	PLICABLE	NO	ONE						
<u>COMMENT:</u>											
	MELOD AVE	NOTABE		17	ONE						
	MEMBRANE	NOTAPP	PLICABLE	IV (	ONE						
<u>COMMENT:</u>											
INVICE COLERON											
INAGE COMPONENTS:											
	<u>COMPONENT</u>		<u>'ERIAL</u>		<u>RUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>				
	DRAINAGE	REINFORCEI	ED CONCRETE	CURB	OUTLET						
ANGION DELUCE COLODO	NENTE										
ANSION DEVICE COMPO	NENTS:										
SUR UNIT_# SUR		NENT	MATFRIA)	r	CONSTRUCTI	ON	GAP VFA	R APPI IFD MAN	IIFACTIIRF	OVER ALL CONDITION	
SUB UNIT-# SUB I	LABEL COMPO	<u>NENT</u>	<u>MATERIAL</u>	<u>Ľ</u>	<u>CONSTRUCTI</u>	<u>ON</u>	<u>GAP</u> <u>YEA</u>	R APPLIED MAN	<u>UFACTURE</u>	OVERALL CONDITION	
		<u>NENT</u>	<u>MATERIAI</u>	<u>L</u>	<u>CONSTRUCTI</u>	<u>ON</u>	GAP YEA	R APPLIED MAN	<u>UFACTURE</u>	OVERALL CONDITION	
SUB UNIT-# SUB I		<u>ONENT</u>	<u>MATERIA)</u>	<u>L</u>	<u>CONSTRUCTI</u>	<u>ON</u>	GAP YEA	<u>R APPLIED</u> <u>MAN</u>	<u>UFACTURE</u>	OVERALL CONDITION	
<u>COMMENT:</u>	<u>COMPO</u>	<u>NENT</u>	<u>MATERIAI</u>	<u>L</u>	CONSTRUCTI	<u>ON</u>	GAP YEA	<u>R APPLIED</u> <u>MAN</u>	<u>UFACTURE</u>	OVERALL CONDITION	
	COMPONENTS:								UFACTURE	OVERALL CONDITION	
<u>COMMENT:</u>	<u>COMPONENTS:</u> <u>COMPONENTS:</u> <u>COMPONENT</u>	<u>MATE</u>	<u>'ERIAL</u>	<u>CONST</u>	<u>RUCTION</u>	<u>DIRECTION</u>	GAP YEA		<u>UFACTURE</u>	OVERALL CONDITION	
<u>COMMENT:</u>	COMPONENTS:	<u>MATE</u>		<u>CONST</u>					UFACTURE	OVERALL CONDITION	
<u>COMMENT:</u>	<u>COMPONENTS:</u> <u>COMPONENTS:</u> <u>COMPONENT</u>	<u>MATE</u>	<u>'ERIAL</u>	<u>CONSTI</u> BE	RUCTION ERM	<u>DIRECTION</u> BOTH			UFACTURE	OVERALL CONDITION	
<u>COMMENT:</u> VK/SLOPE PROTECTION C	COMPONENTS:  COMPONENTS:  COMPONENT  BANK PROTECTION	<u>MATE</u> EARTF	EERIAL TH FILL	<u>CONSTI</u> BE ***	RUCTION ERM DECK COMPON	DIRECTION BOTH NENTS***			UFACTURE	OVERALL CONDITION	
COMMENT:  VK/SLOPE PROTECTION CO	COMPONENTS:  COMPONENT  BANK PROTECTION  COMPONENT	<u>MATE</u> EARTE	EERIAL TH FILL	<u>CONSTI</u> BE *** <u>CONST</u>	RUCTION ERM DECK COMPON	<u>DIRECTION</u> BOTH			UFACTURE	OVERALL CONDITION	
COMMENT:  VK/SLOPE PROTECTION CO  SPAN TYPE-#  MAIN SPANS-1	COMPONENTS:  COMPONENT  BANK PROTECTION  COMPONENT  DECK	<u>MATE</u> EARTH <u>MATE</u> REINFORCEI	ERIAL TH FILL ERIAL ED CONCRETE	CONSTI BE *** CONSTI CAST-II	RUCTION ERM DECK COMPON RUCTION N-PLACE	DIRECTION BOTH NENTS*** COMMENTS	COMMENTS		UFACTURE	OVERALL CONDITION	
COMMENT:  UK/SLOPE PROTECTION CONDITION  SPAN TYPE-#  MAIN SPANS-1  CONDITION  CONDITION	COMPONENTS:  COMPONENT  BANK PROTECTION  COMPONENT  DECK  TION	MATE EARTH MATE REINFORCEI LOCATION 1	ERIAL TH FILL ERIAL ED CONCRETE	<u>CONSTI</u> BE *** <u>CONST</u>	RUCTION ERM DECK COMPON RUCTION N-PLACE SEVERIT	<u>DIRECTION</u> BOTH  NENTS*** <u>COMMENTS</u> Y <u>MEASURE</u>	<u>COMMENTS</u> <u>MENT</u> <u>COMM</u>		UFACTURE	OVERALL CONDITION	
COMMENT:  UK/SLOPE PROTECTION CONDITION  SPAN TYPE-#  MAIN SPANS-1  CONDITION  SATURA	COMPONENTS:  COMPONENT  BANK PROTECTION  COMPONENT  DECK  TION  ATION	MATE EARTH  MATE REINFORCEL LOCATION 1 RANDOM	ERIAL TH FILL ERIAL ED CONCRETE	CONSTI BE *** CONSTI CAST-II	RUCTION ERM  DECK COMPON RUCTION N-PLACE SEVERIT MODERAT	DIRECTION BOTH  NENTS***  COMMENTS Y MEASUREM E 60 %	<u>COMMENTS</u> <u>MENT</u> <u>COMM</u>		UFACTURE	OVERALL CONDITION	
COMMENT:  UK/SLOPE PROTECTION CONDITION  SPAN TYPE-#  MAIN SPANS-1  CONDITION  CONDITION	COMPONENTS:  COMPONENT  BANK PROTECTION  COMPONENT  DECK  TION  ATION  ING	MATE EARTH MATE REINFORCEI LOCATION 1	ERIAL TH FILL ERIAL ED CONCRETE	CONSTI BE *** CONSTI CAST-II	RUCTION ERM DECK COMPON RUCTION N-PLACE SEVERIT	DIRECTION BOTH  NENTS***  COMMENTS Y MEASUREM E 60 %	<u>COMMENTS</u> MENT <u>COMM</u>			OVERALL CONDITION	
COMMENT:  WK/SLOPE PROTECTION COMMENT:  SPAN TYPE-#  MAIN SPANS-1  CONDITION OF THE STATURAL SCAL	COMPONENTS:  COMPONENT  BANK PROTECTION  COMPONENT  DECK  TION  ATION ING LLS	MATE EARTE  MATE REINFORCES LOCATION 1 RANDOM THROUGHOUT	ERIAL TH FILL ERIAL ED CONCRETE	CONSTI BE *** CONSTI CAST-II	RUCTION ERM FDECK COMPON RUCTION N-PLACE SEVERIT MODERAT MODERAT	DIRECTION BOTH  NENTS***  COMMENTS Y MEASUREM E 60 %	<u>COMMENTS</u> MENT <u>COMM</u>	ENT		OVERALL CONDITION	
COMMENT:  WK/SLOPE PROTECTION COMMENT:  SPAN TYPE-# MAIN SPANS-1  CONDITION COMMENT:  SATURA SCAL SPAL	COMPONENTS:  COMPONENT  BANK PROTECTION  COMPONENT  DECK  TION  ATION ING LLS	MATE EARTE  MATE REINFORCE LOCATION 1 RANDOM THROUGHOUT EDGE	ERIAL TH FILL ERIAL ED CONCRETE	CONSTI BE *** CONSTI CAST-II	RUCTION ERM  *DECK COMPON RUCTION N-PLACE SEVERIT MODERAT MODERAT MINOR	DIRECTION BOTH  NENTS***  COMMENTS Y MEASUREM E 60 %	<u>COMMENTS</u> MENT <u>COMM</u>	ENT		OVERALL CONDITION	
COMMENT:  WK/SLOPE PROTECTION CONDITION  SPAN TYPE-#  MAIN SPANS-1  CONDITION  SATURA  SCAL  SPAL  TRANSVERS	COMPONENTS:  COMPONENT  BANK PROTECTION  COMPONENT  DECK  TION  ATION  ING  LLS  E CRACKS	MATE EARTH  MATE REINFORCEL LOCATION 1 RANDOM THROUGHOUT EDGE RANDOM	ERIAL TH FILL ERIAL ED CONCRETE LOC	CONSTI BE *** CONSTI CAST-II CATION 2	RUCTION ERM  *DECK COMPON RUCTION N-PLACE  MODERAT MODERAT MINOR FEW	DIRECTION BOTH  NENTS***  COMMENTS Y MEASUREM E 60 %	<u>COMMENTS</u> MENT <u>COMM</u>	ENT		OVERALL CONDITION	
COMMENT:  WK/SLOPE PROTECTION COMMENT:  SPAN TYPE-# MAIN SPANS-1  CONDITION COMMENT:  SATURA SCAL SPAL	COMPONENTS:  COMPONENT  BANK PROTECTION  COMPONENT  DECK  TION  ATION  ING  LLS  E CRACKS  DECK	MATE EARTH  MATE REINFORCEL LOCATION 1 RANDOM THROUGHOUT EDGE RANDOM	ERIAL TH FILL ERIAL ED CONCRETE LOC	CONSTI BE *** CONSTI CAST-II CATION 2	RUCTION ERM  *DECK COMPON RUCTION N-PLACE SEVERIT MODERAT MODERAT MINOR	DIRECTION BOTH  NENTS***  COMMENTS  Y MEASUREM TE 60 % TE 60 %	<u>COMMENTS</u> MENT <u>COMM</u> (ROBING	E <b>NT</b> C3, 11/30/2017)W/EXP		OVERALL CONDITION	
COMMENT:  WK/SLOPE PROTECTION CONDITION  SPAN TYPE-#  MAIN SPANS-1  CONDITION  SATURA  SCAL  SPAL  TRANSVERS  MAIN SPANS-2	COMPONENTS:  COMPONENT  BANK PROTECTION  COMPONENT  DECK  TION  ATION  ING  LS  E CRACKS  DECK  TION	MATE EARTH  MATE REINFORCES LOCATION 1 RANDOM THROUGHOUT EDGE RANDOM REINFORCES	ERIAL TH FILL ERIAL ED CONCRETE LOC	CONSTI *** CONSTI CAST-II CAST-II	RUCTION ERM  FDECK COMPON RUCTION N-PLACE  MODERAT MODERAT MINOR FEW  N-PLACE	DIRECTION BOTH  NENTS***  COMMENTS Y MEASUREM E 60 % E  Y MEASUREM	COMMENTS  MENT COMM	E <b>NT</b> C3, 11/30/2017)W/EXP		OVERALL CONDITION	
COMMENT:  WK/SLOPE PROTECTION CONDITION  SPAN TYPE-# MAIN SPANS-1  CONDITION SATURA SCAL SPAL TRANSVERS  MAIN SPANS-2 CONDITION SATURA SCAL SATURA SCAL	COMPONENTS:  COMPONENT  BANK PROTECTION  COMPONENT  DECK  TION  ATION  ING  LS  E CRACKS  DECK  TION  ATION  ATION  ING  ATION  ATION  ING  ING  ING  ING  ING  ING  ING	MATE EARTH  MATE REINFORCED LOCATION 1 RANDOM THROUGHOUT EDGE RANDOM  REINFORCED LOCATION 1 RANDOM THROUGHOUT	ERIAL TH FILL ERIAL ED CONCRETE LOC	CONSTI *** CONSTI CAST-II CAST-II	RUCTION ERM  FDECK COMPON RUCTION N-PLACE SEVERIT MODERAT MINOR FEW  N-PLACE SEVERIT MODERAT MINOR FEW  N-PLACE MODERAT MODERAT MODERAT	DIRECTION BOTH  NENTS***  COMMENTS Y MEASUREM E 60 % E  Y MEASUREM E 60 %	COMMENTS  MENT COMM	E <b>NT</b> C3, 11/30/2017)W/EXP		OVERALL CONDITION	
COMMENT:  WK/SLOPE PROTECTION CONDITION  SPAN TYPE-# MAIN SPANS-1  CONDITION SATURA SCAL SPAL TRANSVERS  MAIN SPANS-2 CONDITION SATURA SCAL SPAL SPAL	COMPONENTS:  COMPONENT  BANK PROTECTION  COMPONENT  DECK  TION  ATION  ATION  ATION  ATION  ATION  ING  LLS  CE CRACKS	MATE EARTH  MATE REINFORCED LOCATION 1 RANDOM THROUGHOUT EDGE RANDOM  REINFORCED LOCATION 1 RANDOM THROUGHOUT EDGE LOCATION 1 RANDOM THROUGHOUT EDGE	ERIAL TH FILL ERIAL ED CONCRETE LOC	CONSTI *** CONSTI CAST-II CAST-II	RUCTION ERM  DECK COMPON RUCTION N-PLACE SEVERIT MODERAT MINOR FEW  N-PLACE SEVERIT MODERAT MINOR FEW  N-PLACE MODERAT MODERAT MODERAT MODERAT MODERAT MODERAT MODERAT	DIRECTION BOTH  NENTS***  COMMENTS Y MEASUREM E 60 % E  Y MEASUREM E 60 %	COMMENTS  MENT COMM	E <b>NT</b> C3, 11/30/2017)W/EXP		OVERALL CONDITION	
COMMENT:  WK/SLOPE PROTECTION CONDITION  SPAN TYPE-# MAIN SPANS-1  CONDITION SATURA SCAL SPAL TRANSVERS  MAIN SPANS-2 CONDITION SATURA SCAL SATURA SCAL	COMPONENTS:  COMPONENT  BANK PROTECTION  COMPONENT  DECK  TION  ATION  ATION  ATION  ATION  ATION  ING  LLS  CE CRACKS	MATE EARTH  MATE REINFORCED LOCATION 1 RANDOM THROUGHOUT EDGE RANDOM  REINFORCED LOCATION 1 RANDOM THROUGHOUT	ERIAL TH FILL ERIAL ED CONCRETE LOC	CONSTI *** CONSTI CAST-II CAST-II	RUCTION ERM  FDECK COMPON RUCTION N-PLACE SEVERIT MODERAT MINOR FEW  N-PLACE SEVERIT MODERAT MINOR FEW  N-PLACE MODERAT MODERAT MODERAT	DIRECTION BOTH  NENTS***  COMMENTS Y MEASUREM E 60 % E  Y MEASUREM E 60 %	COMMENTS  MENT COMM	E <b>NT</b> C3, 11/30/2017)W/EXP		OVERALL CONDITION	

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## Missouri Department of Transportation State Bridge Inspection Report

COUNTY: DUNKLIN DISTRICT: SE CLASS: STATBR FED-ID: 7810 BRIDGE: P0664

DECK REINFORCED CONCRETE

ZINFORCED CONCRETE CAST-IN-PLACE
1 LOCATION 2

<u>SEVERITY</u> <u>MEASUREMENT</u> COMMENT

SATURATION SCALING TRANSVERSE CRACKS

**CONDITION** 

MODOT

MAIN SPANS-3

LOCATION 1
THROUGHOUT
THROUGHOUT
RANDOM

MODERATE MODERATE FEW 60 %

***SUPERSTR	UCTURE C	OMPONENTS***

CONSTRUCTION SERIES TYPE-# LABEL **COMMENTS** SPAN TYPE **MATERIAL** MAIN SERIES-1 SIMPLE SPAN STEELWIDE FLANGE GIRDERS **COMPOSITE INDICATOR WEATHERING STEEL** <u>SPAN</u> **LENGTH COMMENTS** MAIN SPANS-1 NON-COMPOSITE 16 FT 5 IN NO **CONDITION LOCATION 1 LOCATION 2 SEVERITY MEASUREMENT COMMENT** DECK LIFTING TOP FLANGE MINOR **TOP FLANGE MINOR** PACK RUST SECTION LOSS **TOP FLANGE MINOR** (ROBINC3, 11/30/2017)--INITIAL MAIN SPANS-2 NON-COMPOSITE 16 FT 10 IN NO LOCATION 1 **SEVERITY MEASUREMENT CONDITION** LOCATION 2 **COMMENT** TOP FLANGE MINOR **DECK LIFTING** PACK RUST **TOP FLANGE** MINOR SECTION LOSS **TOP FLANGE** MINOR (ROBINC3, 11/30/2017)--INITIAL MAIN SPANS-3 NON-COMPOSITE 16 FT 5 IN NO LOCATION 2 **SEVERITY CONDITION** LOCATION 1 **MEASUREMENT COMMENT DECK LIFTING TOP FLANGE** MINOR PACK RUST **TOP FLANGE MINOR** SECTION LOSS **TOP FLANGE MINOR** (ROBINC3, 11/30/2017)--INITIAL

#### \*\*\*SUBSTRUCTURE COMPONENTS\*\*\*

<u>SUBSTRUCTURE</u>	<u>SKEW</u>	<i>LENGTH</i>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>LABEL</u> <u>COMMENTS</u>	-	
ABUTMENT-1		22 FT 6 IN	REINFORCED CONCRETE	OPEN CONCRETE			
	<b>CONDITION</b>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<u>ASSOCIATED C</u>	<u>OMPONENT</u>	<u>MATE</u>	<u>RIAL</u>	<u>CONSTRUCTION</u>			
BEAM CAP		TIMBI	ER	BEAM			
	<b>CONDITION</b>		<u>LOCATION 1</u>	LOCATION 2	<u>SEVERITY</u>	<b>MEASUREMENT</b>	<u>COMMENT</u>
	SPLITTING		THROUGHOUT		MINOR		
PILING		TIMBI	ER	OTHER			
	<b>CONDITION</b>		<u>LOCATION 1</u>	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
REF	LACE WITH H PI	LE	ALL		NOT APPLICABLE		
STRAIGHT WIN	GS	TIMBI	ER	PLANKS			
	<b>CONDITION</b>		<u>LOCATION 1</u>	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
WING PILES		TIMBI	ER	OTHER			
	<b>CONDITION</b>		<u>LOCATION 1</u>	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BACKWALL		TIMBI	ER	PLANKS			
	<b>CONDITION</b>		<u>LOCATION 1</u>	LOCATION 2	<u>SEVERITY</u>	<b>MEASUREMENT</b>	<u>COMMENT</u>
EXPANSION BE	ARING	STEEI		SLIDING FLAT PLATE			
	<b>CONDITION</b>		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BENT-2		22 FT 6 IN	REINFORCED CONCRETE	PILE CAP			
	<b>CONDITION</b>		LOCATION 1	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>

Design No = P0664

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## **Missouri Department of Transportation** State Bridge Inspection Report

COUNTY: DUNKI	IN DIS	STRICT: SE	CLASS: STATBR	FED-ID: 7810		BRIDGE: P0664
ASSOCIATED COMPONENT	<u>MATERIA</u>	<u>4L</u>	<u>CONSTRUCTION</u>			
BEAM CAP	TIMBER		BEAM			
CONDITIO		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
ROTTEN		ENDS		MODERATE		
PILING	TIMBER		OTHER			
CONDITIO		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
REPLACE WITH		ALL	DI ANIZO	NOT APPLICABLE		
CROSS BRACING	TIMBER		PLANKS	CELEDITY	MEACUDEMENT	COMMENT
CONDITION DE A DIVIC		<u>LOCATION 1</u>	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
EXPANSION BEARING  CONDITION	STEEL	<u>LOCATION 1</u>	SLIDING FLAT PLATE <i>LOCATION 2</i>	<u>SEVERITY</u>	<b>MEASUREMENT</b>	COMMENT
CONDITIO	<u>//                                   </u>	<u>LOCATION I</u>	<u>LOCATION 2</u>	<u>SEVERIII</u>	MEASUREMENT	COMMENT
BENT-3	22 FT 6 IN RE	EINFORCED CONCRETE	PILE CAP			
CONDITION CONDITION		LOCATION 1	LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	COMMENT
ASSOCIATED COMPONENT			CONSTRUCTION	<u>SLV LRITI</u>	MEASCREMENT	COMMENT
BEAM CAP	TIMBER	<u>12</u>	BEAM			
CONDITION		<u>LOCATION 1</u>	LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	COMMENT
ROTTEN	<del></del>	ENDS	<u>========</u>	MINOR		
PILING	TIMBER		OTHER			
CONDITIO	<u> </u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<b>MEASUREMENT</b>	<u>COMMENT</u>
REPLACE WITH	H PILE	ALL		NOT APPLICABLE		
CROSS BRACING	TIMBER		PLANKS			
<u>CONDITIO</u>	<u> </u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
EXPANSION BEARING	STEEL		SLIDING FLAT PLATE			
CONDITIO	<u> </u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
ABUTMENT-4		EINFORCED CONCRETE	OPEN CONCRETE			
CONDITIO		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
ASSOCIATED COMPONENT	·		<u>CONSTRUCTION</u>			
BEAM CAP	TIMBER		BEAM	CEL EDITE	145 464 155 145 145	COLOREDVE
CONDITIO		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
ROTTEN		ENDS		MINOR		
SPLITTIN PILING	TIMBER	THROUGHOUT	OTHER	MINOR		
CONDITIO		<u>LOCATION 1</u>	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	COMMENT
REPLACE WITH		ALL	EUC/IIIU/V Z	NOT APPLICABLE	MEMBUREMENT	COMMENT
STRAIGHT WINGS	TIMBER	ALL	PLANKS	NOT ATTEICABLE		
CONDITION		<u>LOCATION 1</u>	LOCATION 2	<u>SEVERITY</u>	MEASUREMENT	COMMENT
WING PILES	TIMBER		OTHER			
CONDITIO		<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BACKWALL	TIMBER	<del>-</del>	PLANKS			
CONDITIO	<u> </u>	LOCATION 1	<u>LOCATION 2</u>	<u>SEVERITY</u>	<b>MEASUREMENT</b>	<u>COMMENT</u>
EXPANSION BEARING	STEEL		SLIDING FLAT PLATE			
CONDITIO	<u> </u>	<u>LOCATION 1</u>	LOCATION 2	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
		***	OVER/UNDER ROUTES CLE	ARANCE INFORM	MATION***	

#### \*OVER/UNDER ROUTES CLEARANCE INFORMATION\*

**CLEARANCES OVER DECK** 

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

VERTICAL CLEARANCE TYPE\*\*

**VALUE** DIRECTION **DATE** 

**COMMENT** 

**Missouri Department of Transportation** 

**State Bridge Inspection Report** 

**CLASS: STATBR FED-ID: 7810 BRIDGE: P0664** 

CLEARANCES UNDER BRIDGE

MODOT

RECORD #

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

**ROUTE** 

**DISTRICT: SE** 

**DIRECTION OF TRAFFIC** RIGHT LATERAL CLEARANCE # LANES

LEFT LATERAL CLEARANCE

**UR-ID** 

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**VERTICAL CLEARANCE TYPE\*\*** 

**COUNTY: DUNKLIN** 

**VALUE** 

**DIRECTION** 

**DATE** 

**COMMENT** 

\*\*\*STRUCTURE PAINT INFORMATION\*\*\*

**CONDITION:** 

**FAIR** 

**ORIGINAL PAINT** 

**RUST AMOUNT:** 8=.1% OF SURFACE RUSTED

STEEL TONS: 8

DEPARTMENT REPAINT

MANUFACTURE: SHERWIN WILLIAMS

**SURFACE PREP:**HAND CLEANED

**PAINT TYPE:** 

PAINT COLOR:

NAME:

PAINT YEAR: 1974

MILS:

PAINT TYPE:

**PAINT COLOR: PAINT YEAR:** MILS:

**CONTRACT REPAINT** 

NAME: **PAINT COLOR:** GRAY

PAINT YEAR: 2007 **MILS**: 10

**PAINT TYPE:** S SYSTEM

\*\*\*REQUESTED WORK ITEMS\*\*\*

**GENERAL WORK COMMENTS:** 

RESPONSIBILITY

**LOCATION** 

**ITEM** 

**CATEGORY** 

PRIORITY

DATE

**WORK ITEM COMMENT** 

**NAME:** CAL SULPH/LEAD PAINT

\*\*\*UTILITY ATTACHMENTS\*\*\*

**UTILITY** 

**OWNER** 

**METHOD** 

**MEASUREMENT TYPE** 

**VALUE** 

**NUMBER** 

UTILITY ATTACHMENT COMMENT

\*\*\*PROGRAM NOTES INFORMATION\*\*\*

**YEAR** 2027

PROJECT# SE0065

MONTH LET

YEAR LET 2027

**ITEMS** REPLACE BRIDGE **COMMENT** 

Design No = P0664



### Missouri Department of Transportation State Bridge Inspection Report CLASS: STATBR FED

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COUNTY: DUNKLIN DISTRICT: SE CLASS: STATBR FED-ID: 7810 BRIDGE: P0664

COUNTY: DU	INKLIN DISTRICT: SE	CLASS: STATER	FED-ID: /810	BRIDGE: P0004			
***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	
Rated Item	<u>Rating</u>	Rating Date	1	YIELD TO ONCOMING TRAFFIC			
[Item 67] Structure Evaluation Rating:	4-MEETS MINIMUM TOLERABLE	4/10/2015	2	B - ONE LANE BRIDGE			
[Item 68] Deck Geometry Rating:	5-BETTER THAN MINIMUM	4/10/2015					
[Item 69] Underclearance:	N-NOT APPLICABLE	5/18/2001					
Sufficiency Rating:	48.1%	11/15/2023					
Deficiency:	STRUCTURAL	11/15/2023					
Funding Eligibility:		<del></del>		***OUTFALL INSPECT	TION INFORMATION	***	
<b>Estimated New Structure Length:</b>		<del></del>	" OHEDALI G	Diabea	NEO D		
<b>Estimated Structure Cost:</b>		<del></del>	# OUTFALLS		TOR:		
<b>Estimated Total Project Cost:</b>			STATUS	: I	DATE:		
Year of Cost Estimate:		<del></del>	NOTES	:			
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.							



# Missouri Department of Transportation State Bridge Inspection Report

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NTY: DUNKLIN DISTRICT: SE CLASS: STATBR FED-ID: 7810 BRIDGE: P0664

Design\_No = P0664





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

COUNTY: DUNKLIN P0664 REVIEW STATUS: CONVERTED T **BRIDGE:** NBI STATUS: 3/7/2025 2025 ROUTE CARRIED 'ON' STRUCT **RECORD TYPE: RUN DATE: SUBMITTAL YEAR:** GENERAL STRUCTURE INFORMATION ROUTE DESIGNATION INFORMATION ROUTE CARRIED 'ON' STRUCT State MISSOURI 5A Record Type MO District 5B SE Route Signing Prefix MAINLINE **DUNKLIN** County 5C Designated Level of Service 000UU7810 8 Federal ID No. 5D Route Number 1955 NOT APPLICABLE 27 5E Year Built Directional Suffix 106 RT UU E 0 7 Year Reconstructed Facility Carried NO HIGHWAY Type of Service On 12 Base Hwv. Network STATE HIGHWAY AGENCY 21 Structure Maintenance 13A LRS Inventory Route No. STATE HIGHWAY AGENCY 22 Structure Owner 13B Subroute No. 33 NO MEDIAN Toll Status ON FREE ROAD Br. Median Code 20 08-RURAL MINOR COLLECTOR 37 Historical Significance NOT ELIGIBLE FOR NR OF HP 26 Functional Classification NONE EXISTS 101 28A Parallel Struc Desg Lanes on Structure NOT TEMPORARY Temporary Structure 103 RTE NOT A DEFENSE HWY 100 STRAHNET Designation NBIS Bridge Length YES NOT ON NHS 112 National Highway System 104 NOT APPLICABLE 105 Federal Lands Highway 110 Designated Nat. Network STRUCTURE LOCATION INFORMATION STRUCTURE TRAFFIC INFORMATION 4 Place INDEPENDENCE 29 AADT 34390 2024 Code 30 AADT Year S 29 T 18 N R 10 E ONE LANE BRIDGE FOR 2-WAY Location 102 Direction of Traffic 0.47 miles 11 Milepoint 12% 109 AADT Truck Percent 16 Latitude 36 D 10 M 4 S 90 114 Future AADT 17 Longitude 90 D 0 M 15 S 2044 115 Future AADT Year UNDERRECORD INFORMATION STRUCTURE GEOMETRIC INFORMATION 6 LATERAL DTCH NO 79 10 99 Ft. 99 In. Features Intersected Inventory Rte. Vert. Clear 42B WATERWAY 19 124.38 miles Type of Service Under By pass Detour Length 00 18 Ft. 1 In. 28B Lanes Under Structure 32 Approach Roadway Width N/A 0.00 Degrees 54A Vert. Clearance Ref. 34 Skew 54B NO Vert. Clearance 0 Ft. 0 In. 35 Struct. Flared Rt. Lat Clear Ref. N/A Total Horiz. Clear 20 Ft. 0 In. 55A 47 55B Rt. Lat Clearance 0 Ft. 0 In. 48 Maximum Span Length 16 Ft. 9 In. 51 Ft. 10 In. Left Lat Clearance 0 Ft. 0 In. 49 Structure Length PERMIT NOT REQ Navigation Control 50A 0 Ft. 0 In. Left Curb/Sidewalk Width Nav Vertical Clear 0 Ft. 0 In. 39 50B Right Curb/Sidewalk Width 0 Ft. 0 In. 0 Ft. 0 In. Curb to Curb Br. Width 20 Ft. 0 In. 40 Nav Horizontal Clear 51 22 Ft. 4 In. Nav. Pier Protection 52 Deck Width (Out-Out) 111 99 Ft. 99 In. Nav. Cl. Vert. Clear 53 Vert.Clearance Over Deck



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

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 DATING AND DOCTING INFORMATION	MATERIAL (CONCERNICTION INFORMATION				
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.	Appr Struc. Mat type				
65 Inventory Rating Meth ALLOWABLE STRESS	44B Appr Struc. Cnstr. type 000				
66 Inventory Rating 15 Tons.	# of Approach Span 0				
70 Bridge Posting Code 0.1-9.9% BELOW	1 CONCRETE CIP				
PROPOSED IMPROVEMENT INFORMATION	108A Wear Surf Mat/Constr. 6 BITUMINOUS  108B Membrane Mat/Constr. 0 NONE				
Sufficiency Rating 48.1 Percent	108B Membrane Mat/Constr. 0 NONE 108C Deck Protect Mat/Constr. 0 NONE				
Deficiency Rating STRUCTURAL	100C Deck Protect Mal/Collstr. V PORE				
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					
APPRAISAL RATING INFORMATION	90 Gen. Insp Date 11/24				
36A Br. Rail App. Rating DOES NOT MEET ACCEPT STND	91 Gen. Insp. Frequency 12 Months 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					
71 Waterway Adeq. App. Rating 8	BORDER BRIDGE INFORMATION				
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-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