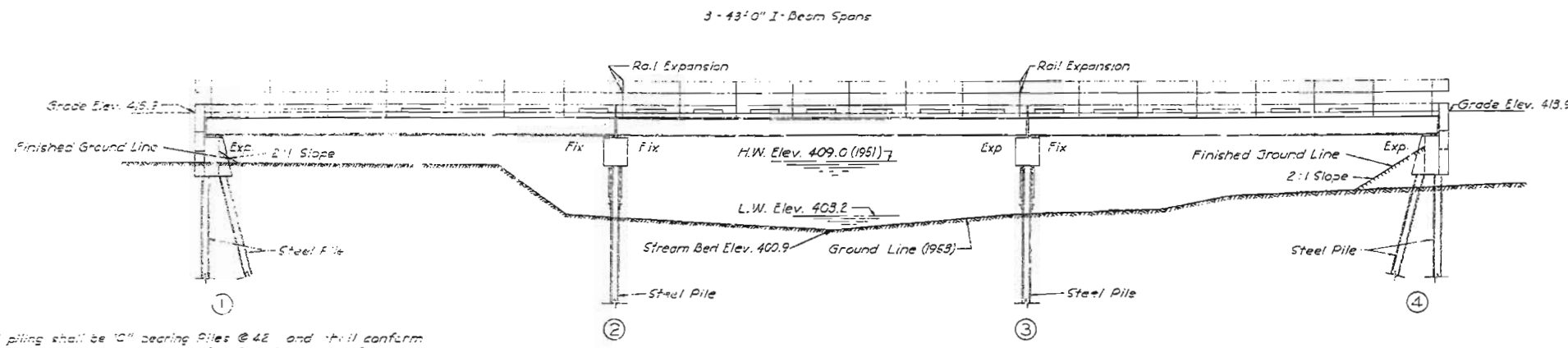


# MISSOURI STATE HIGHWAY DEPARTMENT

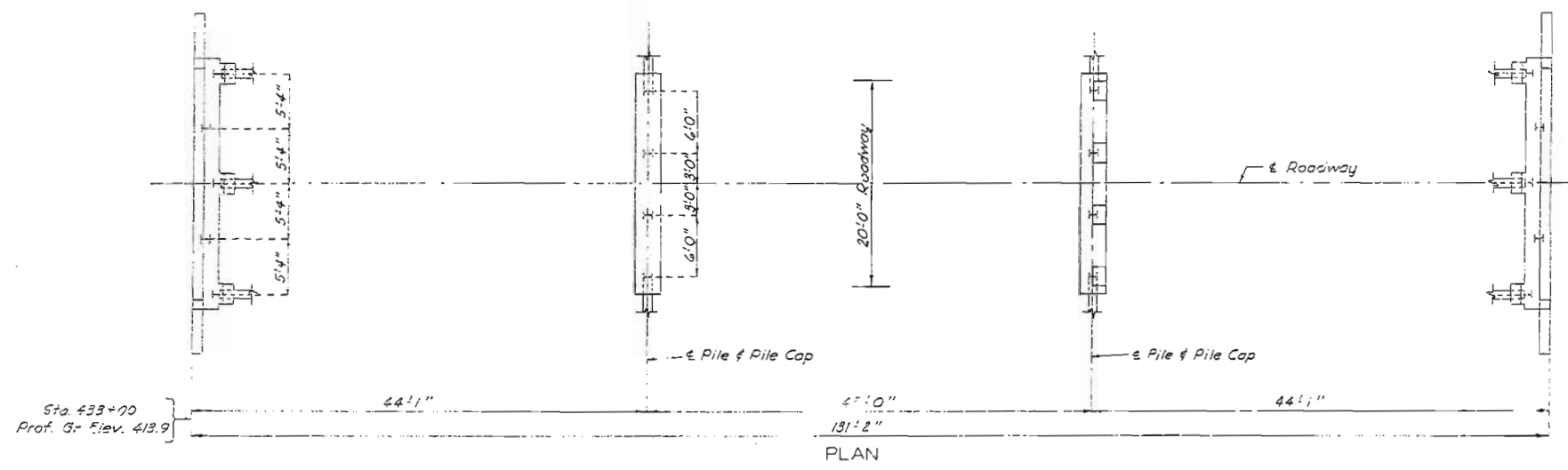
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.	0-2577 Sec. 1-5-11	19		



GENERAL ELEVATION

Note: All piling shall be 10" bearing piles @ 42' and shall conform with details and notes on sheet No. 2 of design plans. Estimated Quantities shown on plans are based on the following lengths: 10 @ 35' 0" and 6 @ 40' 0". These indicated lengths are approximate only. Proper lengths to give required bearing and for penetration will be authorized by the Engineer.

All piles shall be driven to or into solid rock, boulders, shale, or cemented gravel; or to not less than full length authorized and to sustain a load of at least 30 tons per pile. A gravity hammer may be used for driving if desired.



PLAN

### COMPLETE BILL OF REINFORCING STEEL

No.	Size	Length	Mark	Location	Bending Sketches & Cutting Diagrams
<b>End Bents No. 1 &amp; 4</b>					
4	#6	22'-3"	H1	Bk. Wall	
6	#2	22'-3"	H2	"	
16	#6	24'-0"	H3	Beam	
8	#6	24'-0"	H4	"	
12	#6	24'-0"	H5	Wing	
4	#6	3'-6"	H6	"	
3	#6	3'-9"	H7	"	
8	#6	3'-9"	H8	"	
96	#4	7'-9"	U1	Beam	
16	#4	3'-3"	U2	"	
48	#7	7'-3"	U3	"	
12	#7	7'-3"	U4	"	
16	#7	7'-0"	U5	"	
88	#4	4'-6"	V1	Bk. Wall	
24	#4	3'-9"	V2	Beam	
8	#4	3'-9"	V3	Wing	
4	#6	7'-3"	V4	"	
<b>Int. Bents No. 2 &amp; 3</b>					
16	#6	23'-3"	M7	Beam	
4	#6	2'-15"	M8	"	
12	#6	3'-9"	U6	"	
88	#4	6'-6"	U7	"	
<b>Substructure</b>					
172	#5	2'-9"	C1	Curb	
24	#6	23'-3"	C2	"	
12	#6	22'-9"	C3	"	
262	#4	22'-0"	S1	Slab	
131	#4	24'-0"	S2	"	
128	#4	22'-9"	S3	"	
64	#4	22'-3"	S4	"	

### ESTIMATED QUANTITIES

Item	Substr.	Superstr.	Total	
Class "B" Concrete	Cu. Yds.	38.8	62.6	101.4
Reinforcing Steel	Lbs.	4,790	10,590	15,380
Fabricated Structural Steel	Lbs.	1,690	51,590	53,280
Steel Piles in Place	Lin. Ft.	416		416
Steel Pile Cut-offs	Lin. Ft.	54		54
Gray Iron Alloy Castings	Lbs.	1,280		1,280

Note: Estimated Quantities of Fabricated Structural Steel Substructure is for angle sway bracing on interior bents.

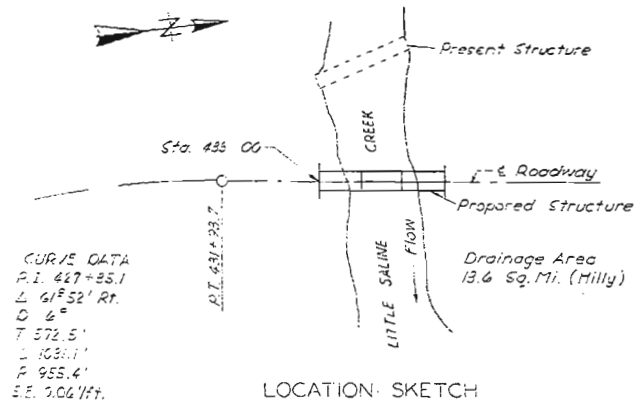
### GENERAL NOTES:

Design Specifications A. A. S. H. O. - 1958  
 Loading M10-44  
 Class "B" Concrete Stress 1000 #/sq.  
 Reinforcing Steel Stress 18,000 #/sq.  
 Structural Steel Stress 12,000 #/sq.  
 All concrete shall be Class "B"  
 Rivets 3/4" #; Nuts 3/4" # except in handrail where rivets shall be 1/2" #, holes 1/2" #. Field connections shall be riveted, 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 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 except as noted for Steel Pile. Red lead required shall be furnished by the Contractor. Payment for cleaning and painting such surfaces will be included in unit price bid for Fabricated Structural Steel.  
 Where joint filler is specified on plans it shall conform with the requirements for Premoulded Material for filler as given in Section 88-19A(1) of the Standard Specifications.  
 For requirements on welding electrodes see Special Provisions. Qualification of welding operators will be required.

Surfaces of piles at Bents No. 1 and 4 from bottom of concrete cap to 3'-0" below present ground line shall be painted with one coat of an approved brand of emulsified asphalt paint. Payment for excavating around piles below present ground line and backfilling same, furnishing emulsified asphalt paint and cleaning and painting steel surfaces specified will be included in the unit price bid for other items.

S.M. #12 Elev. 403.15. N/W in foot "B" Elm. 200' Lt. Sta. 432+55 (U.S.G.S. Datum)

**BRIDGE OVER LITTLE SALINE CREEK**  
 STATE ROAD FROM ROUTE 142 NORTH TO STE. GENEVIEVE  
 ABOUT 1/2 MILE S. OF OLD BRIDGE  
 PROJECT NO. S-300-DISEN. AC. 100 STA. 433+00  
 STE. GENEVIEVE COUNTY



LOCATION SKETCH

417

Drawn July 1954 by H.M.W.  
 Checked April 1954 by C.S.P.

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

FINISHED

SUBMITTED BY: J.A. Williams, BRIDGE ENGINEER, DATE: 2/17/1955  
 APPROVED BY: Roy M. Whitton, CHIEF ENGR., DATE: 2/17/1955

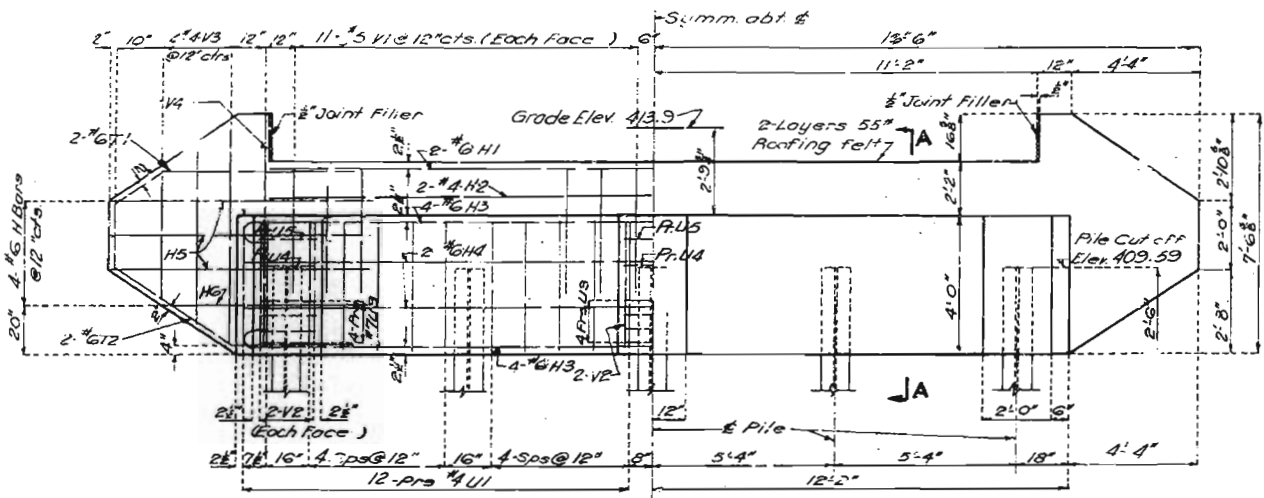
FINISHED  
 STG. CH. ORS.  
 R631

Sheet No. 1 of 4

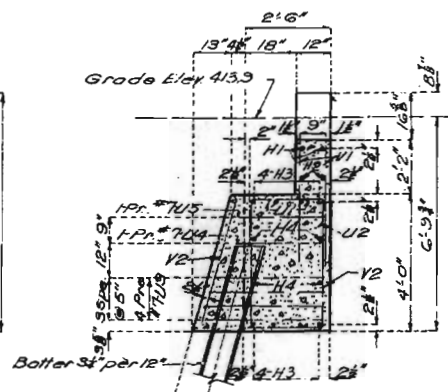
SEE FINAL PLANS BROWN-LINES

# MISSOURI STATE HIGHWAY DEPARTMENT

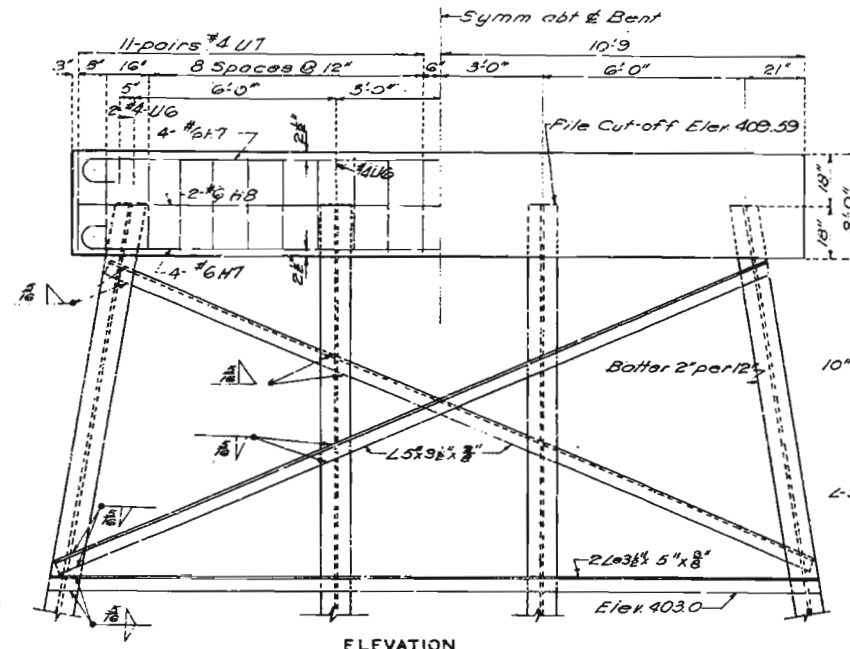
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.	5-1095(1) SEC. A(SN)	19		



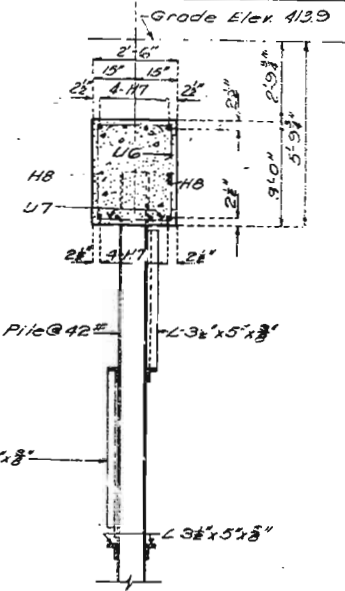
ELEVATION



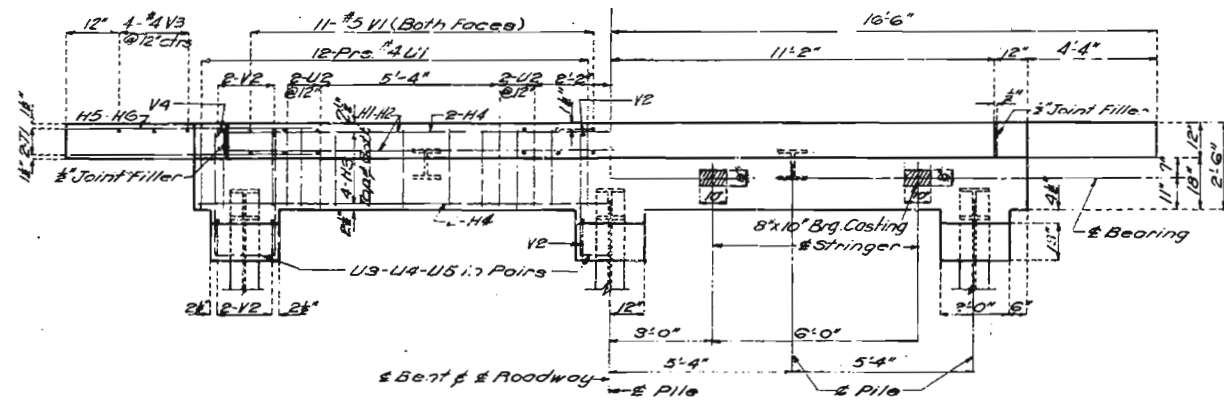
SECTION AT e



ELEVATION

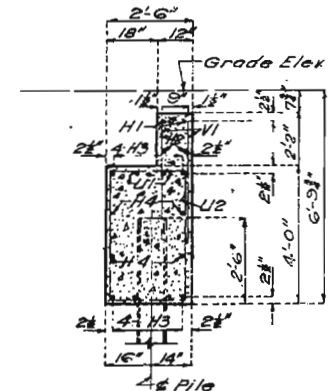


SECTION AT e

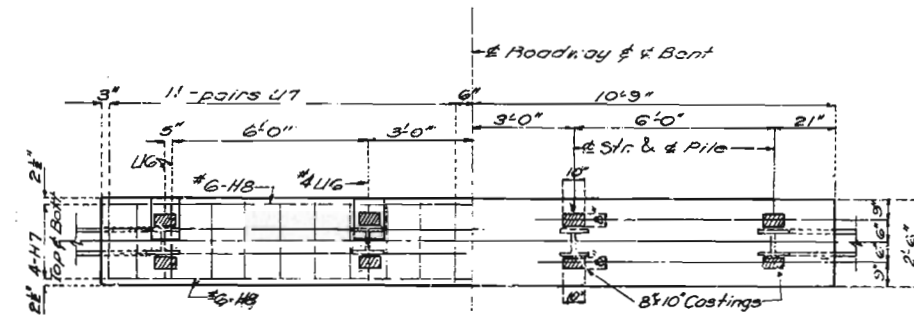


PLAN

DETAIL OF BENTS NO.1&4



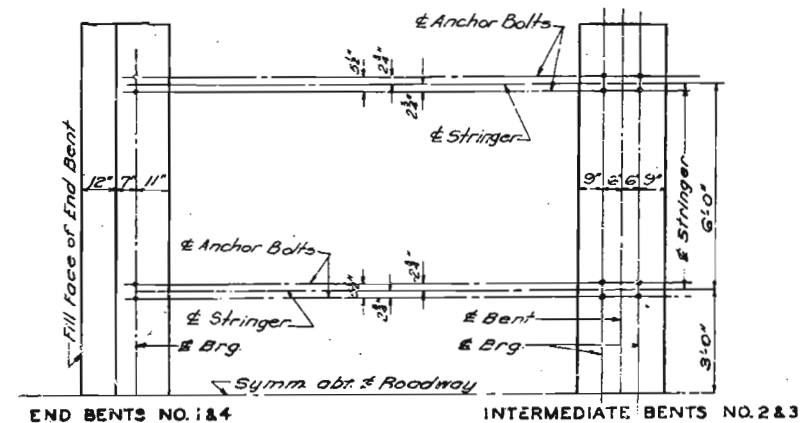
SECTION A-A



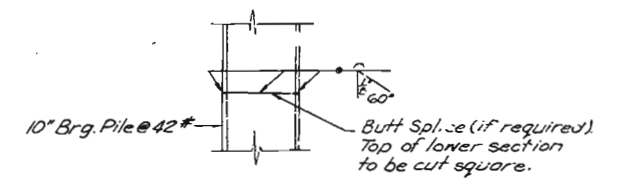
PLAN

DETAILS OF INTERMEDIATE BENTS NO.2&3

Notes: 1/2" Monolithic haunch on Bt. No. 3 only. See Sheet No. 4 of 4.



ANCHOR BOLT PLAN



DETAILS OF STEEL PILE

## BRIDGE OVER LITTLE SALINE CREEK

STATE ROAD FROM ROUTE 52 NORTH TO STE. GENEVIEVE  
ABOUT 10.0 MILES S. OF STE. GENEVIEVE  
PROJECT NO. 5-1095(1) SEC. A(SN) STA. 4.33+00

STE. GENEVIEVE COUNTY

420

Drawn July 1954 by HMM  
Traced July 1954 by SWS  
Checked Aug. 1954 by C. A.

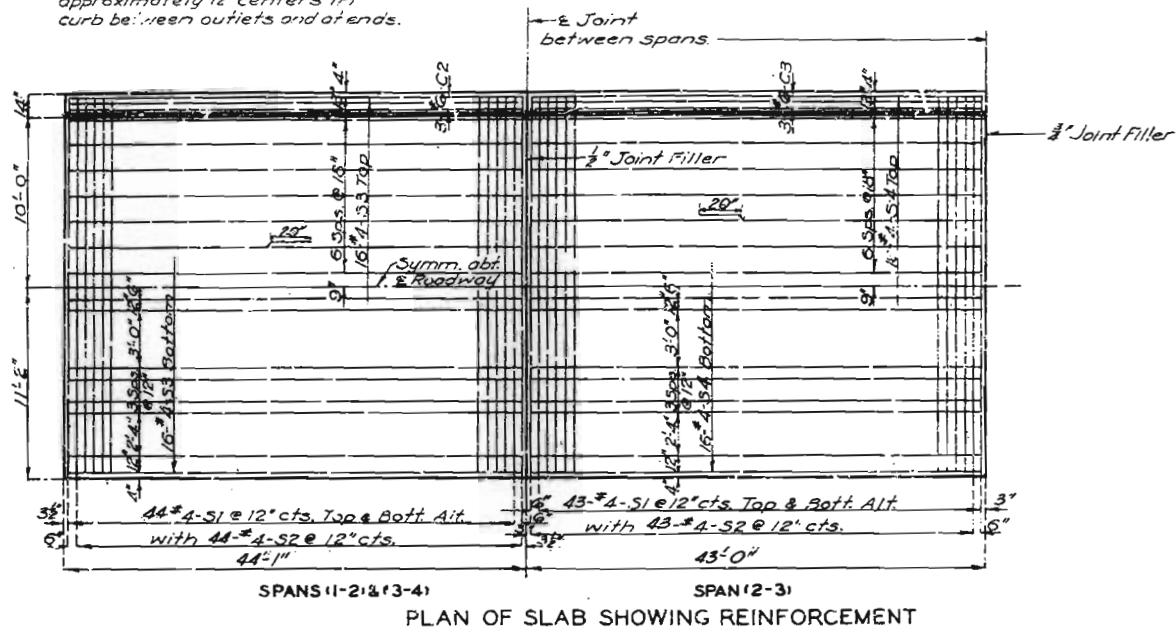
Note: This drawing is not to scale, Follow Dimensions

Sheet No. 2 of 4.

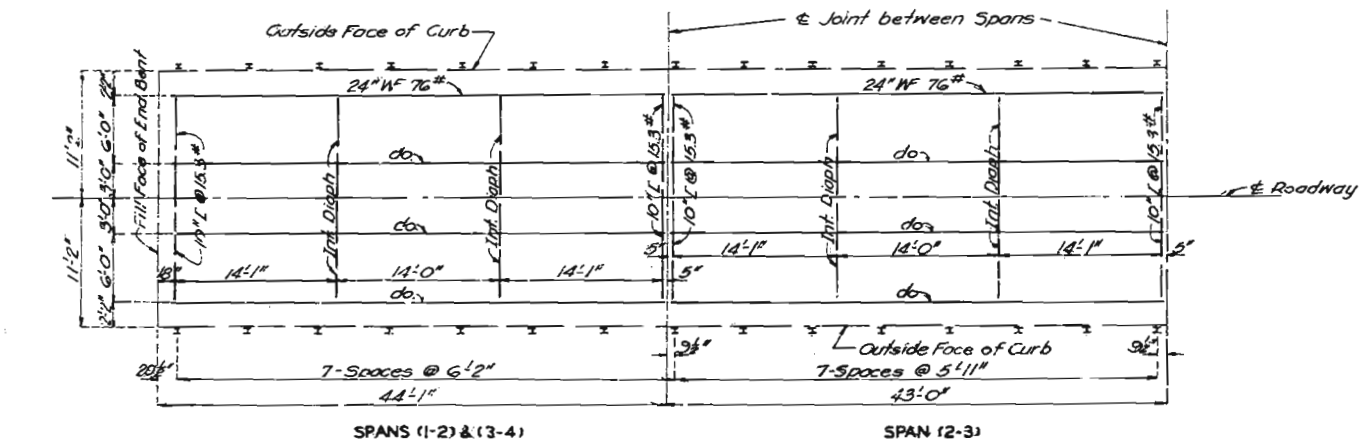
# MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.	S-1095 (I) Sec. A (CN)	19		

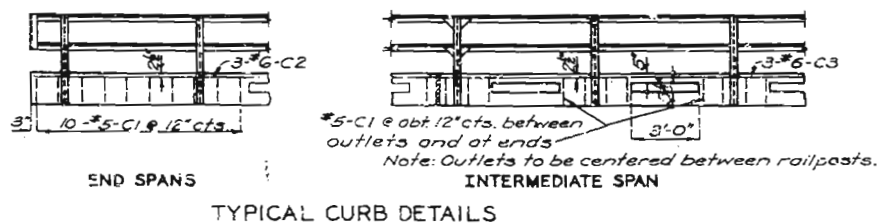
Note: Space lower bars C1 at approximately 12" centers in curb between outlets and at ends.



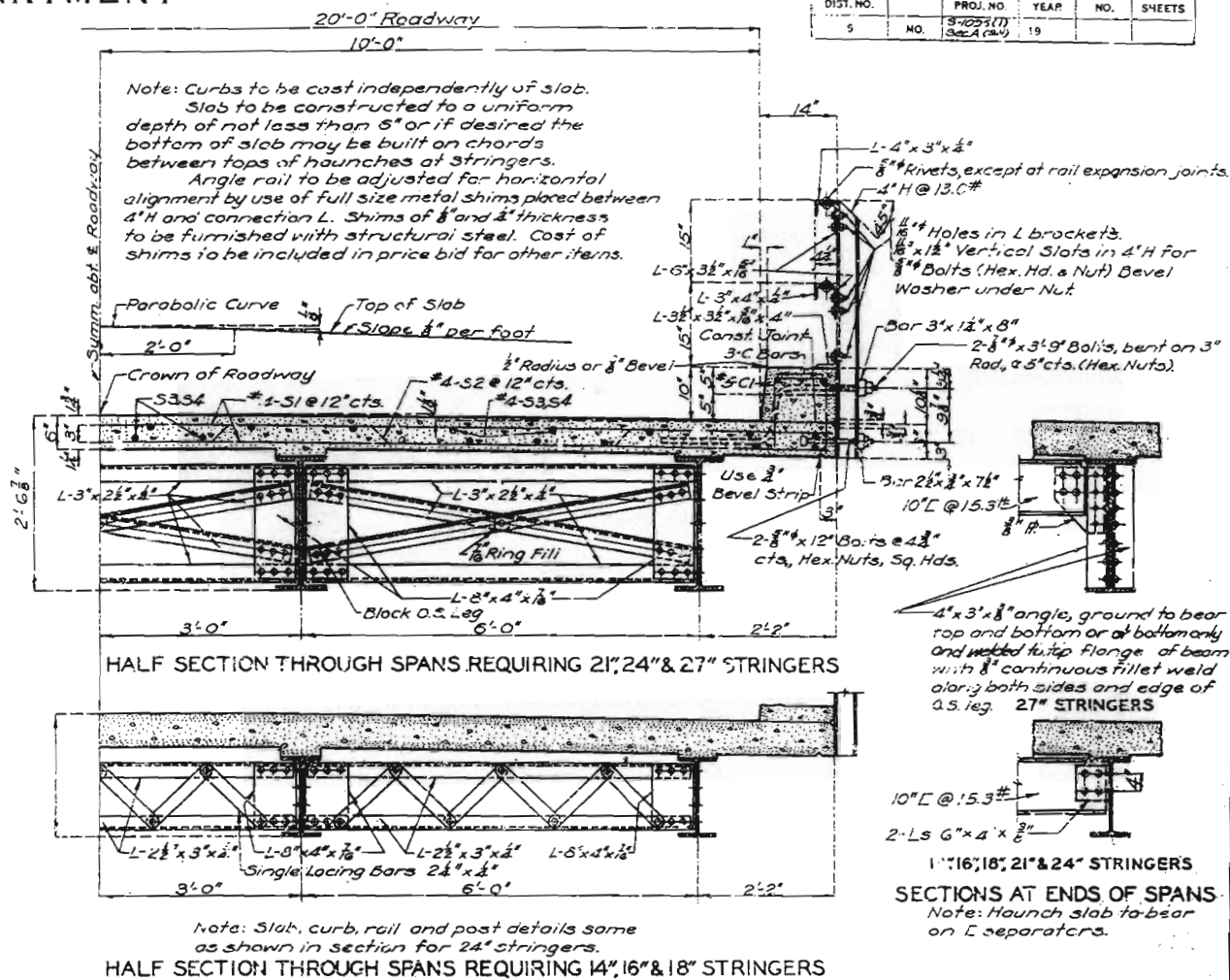
PLAN OF SLAB SHOWING REINFORCEMENT



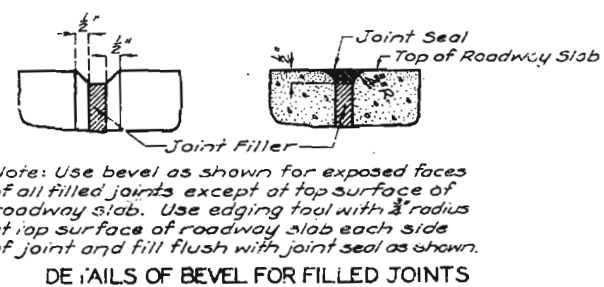
PLAN OF STRUCTURAL STEEL



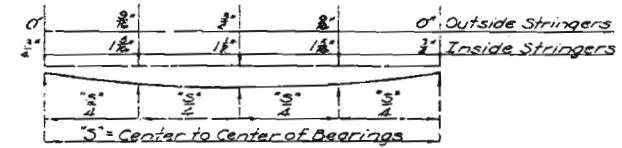
TYPICAL CURB DETAILS



HALF SECTION THROUGH SPANS REQUIRING 14\", 16\" & 18\" STRINGERS

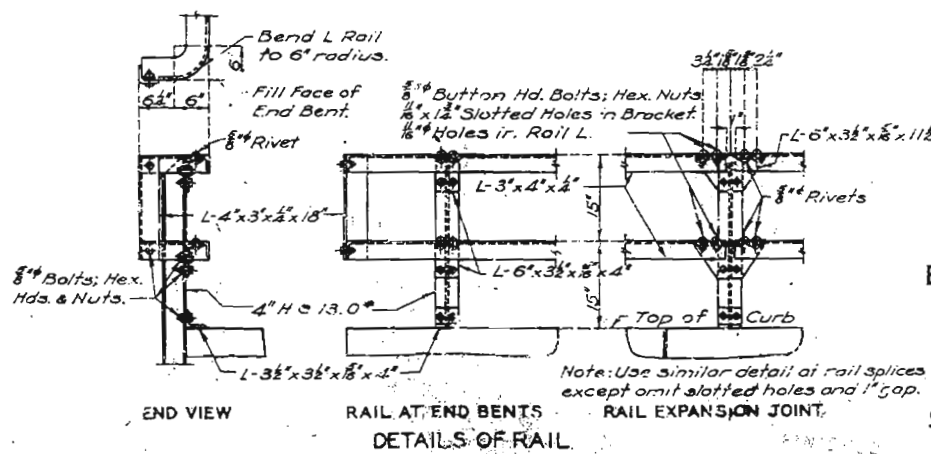


DETAILS OF BEVEL FOR FILLED JOINTS



Note: Slab shall be built parallel to grade and to a minimum thickness of 5". Dead load deflection, vertical curve (if any), 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



RAIL AT END BENTS DETAILS OF RAIL

## BRIDGE OVER LITTLE SALINE CREEK

STATE ROAD FROM ROUTE 52 NORTH TO STE. GENEVIEVE  
 ABOUT 10.0 MILES S. OF STE. GENEVIEVE  
 PROJECT NO. S-1095 (I) SEC. A (CN) STA. 433 +00  
 STE. GENEVIEVE COUNTY

421

Assembled July 1954 by H.M.W. & S.W.S.  
 Checked Aug. 1954 by C.S.A.

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

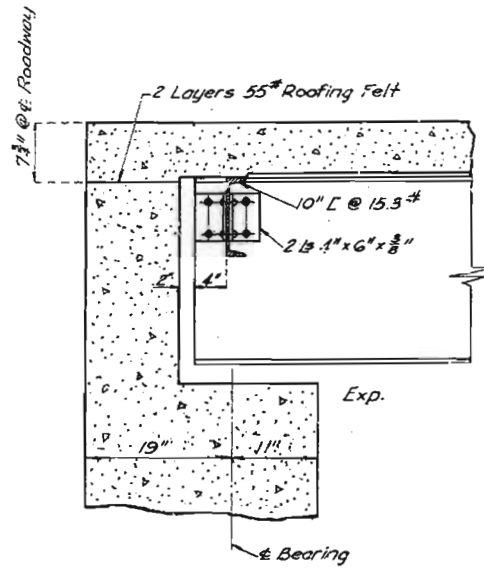
Sheet No. 3 of 4

P-631

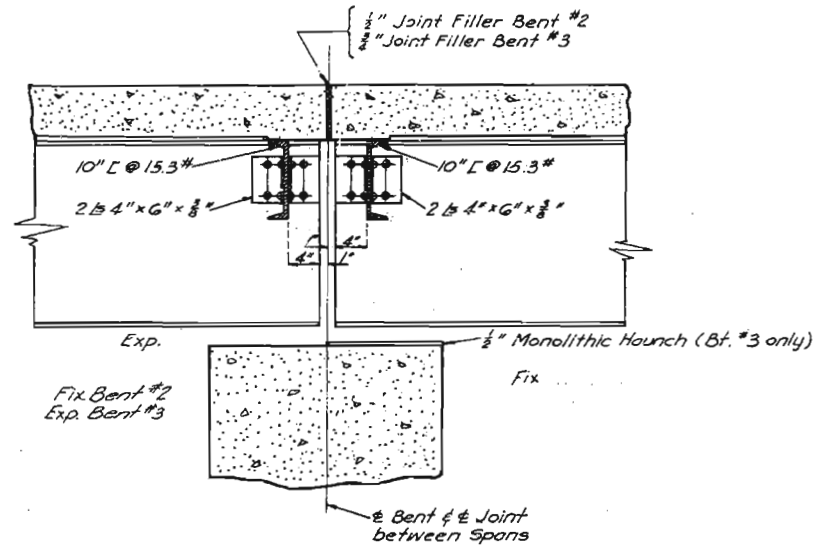
59-20-H10

# MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO	S-1095(1) Sec. A (SN)	19		

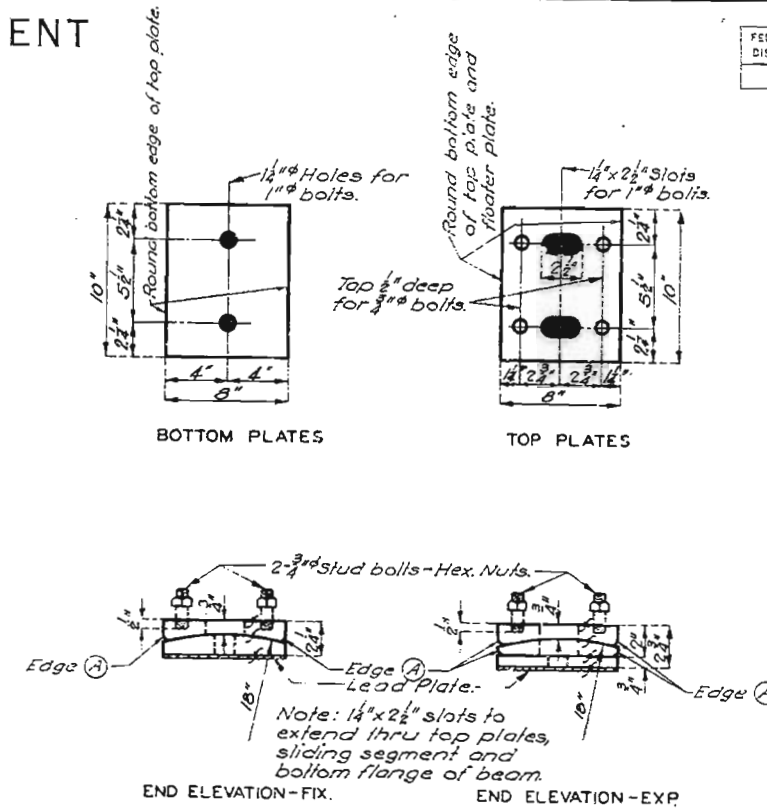


END BENTS NO. 1 & 4



INT BENTS NO. 2 & 3

PART LONGITUDINAL SECTION NEAR  $\phi$  ROADWAY

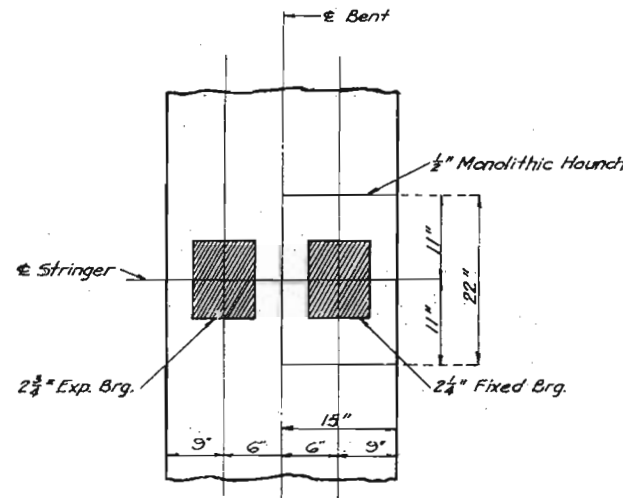


Required: 12 Sets

Each set consists of 5 plates each.

**GENERAL NOTES:**

- Finish all surfaces marked *J*.
- Bearing Castings shall be either gray iron alloy or cast steel.
- Payment will be made as gray iron alloy.
- All bolts and nuts shall be paid for as structural steel.
- Anchor bolts for 8"x10" castings shall be 1"  $\phi$  swaged bolts, no heads or nuts and are to extend 10" into concrete. Top ends of anchor bolts shall be above the top of castings, but no higher than 1/4" below the top surface of the bottom flange of beam.
- Lead Plates under bearings shall be approximately 1/8" thick and weigh 8#/sq.ft.
- Cost of lead plates shall be included in price bid for other items.
- Edge  $\phi$  to be rounded (1/8" to 3/8" radius).



DETAIL OF MONOLITHIC HAUNCH UNDER FIXED BEARINGS - BENT NO. 3 ONLY

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

422

Assembled July 1954 by H.M.W.f.s.w.s.  
Checked Aug. 1954 by C.S.A.

Sheet No. 4 of 4.

NO CONSTRUCTION CHANGES

**BRIDGE OVER LITTLE SALINE CREEK**

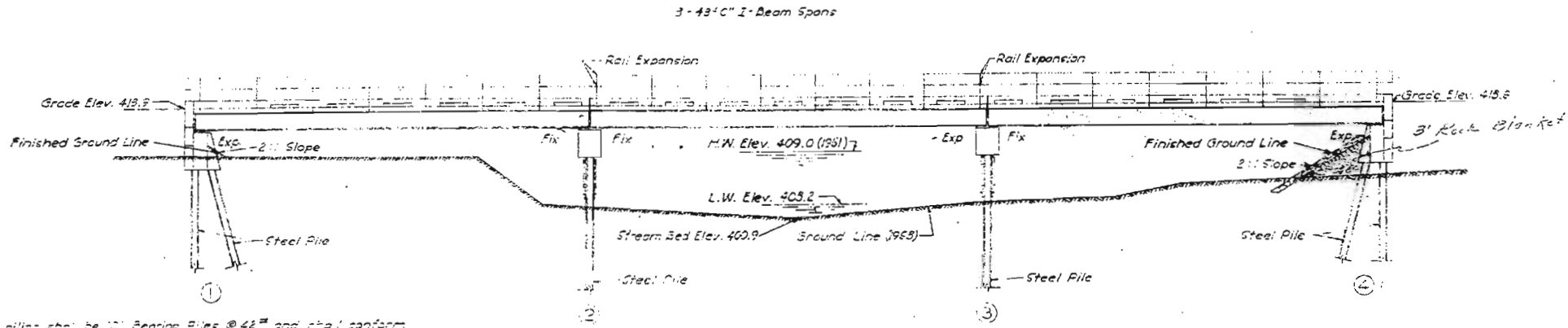
STATE ROAD FROM ROUTE 52 NORTH TO STE. GENEVIEVE  
ABOUT 10.0 MILES S. OF STE. GENEVIEVE  
PROJECT NO. S-1095(1) SEC. A (SN) STA. 433+00

STE. GENEVIEVE COUNTY

# MISSOURI STATE HIGHWAY DEPARTMENT

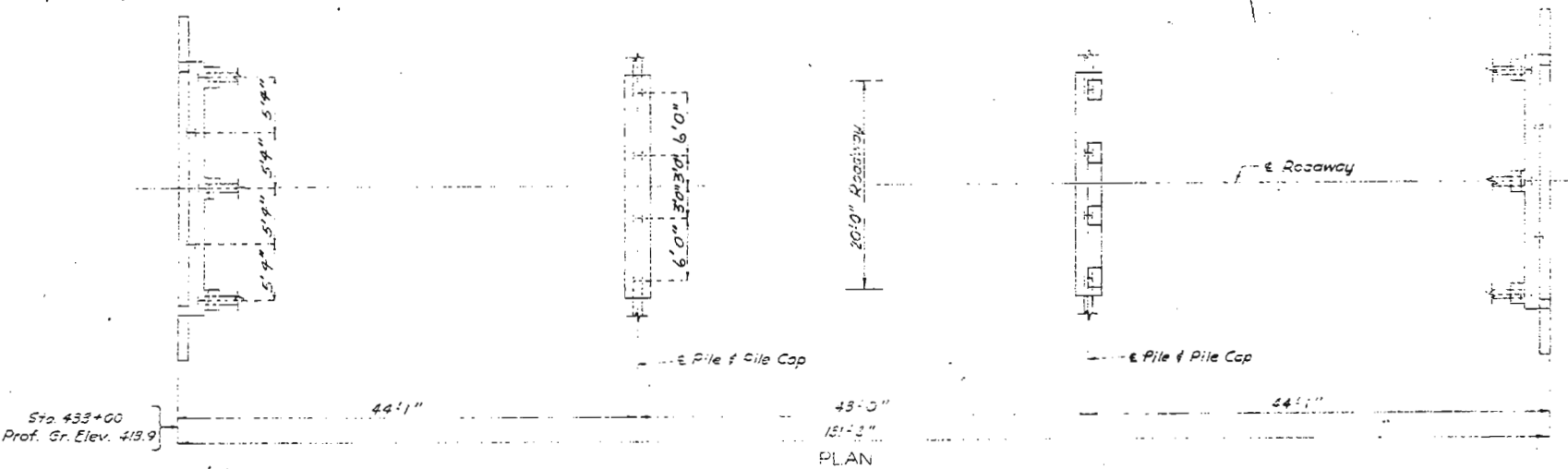
FED. ROAD DIST. NO.	STATE	FYD. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.	5-095(1)	19		

## FINAL PLANS



*Note: All piling shall be 12\"/>

*All piles shall be driven to or into solid rock, boulders, shale, or cemented gravel; or to not less than full length authorized and to sustain a load of at least 30 ton per pile. A gravity hammer may be used for driving if desired.*  
**Gravity hammer used by authority of Engineer.***



No.	Size	Length	Quantity	Remarks	Bending	Sketches	Cutting Diagrams
1	#6	21'-0"	1	Beam	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
4	#6	23'-3"	1	Beam	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
16	#6	22'-0"	1	Beam	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
8	#6	24'-0"	1	Beam	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
12	#6	7'-6"	1	Beam	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
2	#6	3'-6"	1	Beam	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
7	#6	9'-9"	1	Beam	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
16	#6	7'-9"	1	Beam	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
48	#7	7'-9"	1	Beam	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
12	#7	7'-3"	1	Beam	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
12	#7	7'-0"	1	Beam	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
88	#5	4'-6"	1	Skylight	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
24	#5	3'-9"	1	Skylight	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
3	#5	3'-9"	1	Skylight	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
2	#5	7'-3"	1	Skylight	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
16	#6	17'-0"	1	Beam	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
4	#6	21'-3"	1	Beam	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
12	#6	3'-3"	1	Beam	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
26	#6	17'-0"	1	Beam	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
172	#5	2'-9"	1	Curb	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
24	#6	23'-3"	1	Curb	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
12	#6	22'-9"	1	Curb	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
262	#5	22'-0"	1	Slab	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
131	#5	24'-0"	1	Slab	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
128	#5	22'-9"	1	Slab	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]
64	#5	22'-3"	1	Slab	1/4" Dia. 1/2" Dia. 3/4" Dia.	[Sketch]	[Diagram]

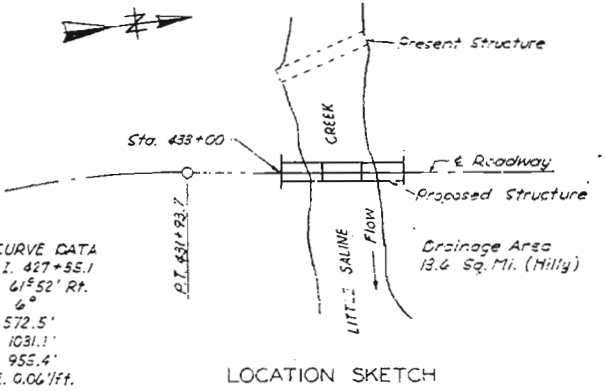
### FINAL QUANTITIES

Item	Substr.	Superstr.	Total
Class I Excavation for Structures	Cu Yds. 3.5		3.5
Class B Concrete	Cu Yds. 38.8	62.6	101.4
Reinforcing Steel	Lbs. 4,790	10,590	15,380
Fabricated Structural Steel	Lbs. 1,720	51,880	53,600
Steel Piles in Place	Lin. Ft. 5.70		5.70
Steel Pile Cut-offs	Lin. Ft. 1.28		1.28
Gray Iron Alloy Castings	Lbs. 1,280		1,280

*Note: Estimated Quantities of Fabricated Structural Steel Substructure is for angle Sway Bracing on Interior Girders.*

### GENERAL NOTES:

Design Specification - A.A.S.H.O. - 1953  
 Loading H10-44  
 Class "B" Concrete Stress 10,000 #/sq. in.  
 Reinforcing Steel Stress 18,000 #/sq. in.  
 Structural Steel Stress 18,000 #/sq. in.  
 All concrete shall be Class "B"  
 Rivets 5/8"; Holes 7/8" except in handrail where rivets shall be 1/2", holes 5/8". Field connections shall be riveted, or if the Contractor desires to eliminate all field riveting on this project, he may use machine bolts except for the 5/8" 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 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 except as noted for Steel Pile. Red lead required shall be furnished by the Contractor. Payment for cleaning and painting such surfaces will be included in unit price bid for Fabricated Structural Steel.  
 Where joint filler is specified on plans it shall conform with the requirements for Premoulded Material for filler as given in Section 38-19A(1) of the Standard Specifications.  
 For requirements on welding electrodes see Special Provisions. Qualification of welding operators will be required.  
 Surfaces of pile, at Bents No. 1 and 2 from bottom of concrete cap to 3'-0" below present ground line shall be painted with one coat of an approved brand of emulsified asphalt paint. Payment for excavating around piles below present ground line and backfilling same, furnishing emulsified asphalt paint and cleaning and painting steel surfaces specified will be included in the unit price bid for other items.



**BRIDGE OVER LITTLE SALINE CREEK**  
 STATE ROAD FROM ROUTE 53 NORTH TO STE. GENEVIEVE  
 ABOUT 100 MILES S. OF STE. GENEVIEVE  
 PROJECT NO. S-095(1) SEC A(SN) STA. 433+00  
 STE. GENEVIEVE COUNTY

SUBMITTED BY: *J. B. Williams* DATE: 2/17/1955  
 APPROVED BY: *Ray M. Whittier* DATE: 2/17/1955

423

Drawn July, 1954 by H.M.<sup>MC</sup>  
 Checked Aug 1954 by C.S.A.

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

Sheet No. 1A of 1

FINAL PLANS



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

January 02, 2024  
8:17:05AM

COUNTY: STE. GENEVIEVE

DISTRICT: SE

CLASS: STATBR

FED-ID: 7786

BRIDGE: P0631

**\*\*\*GENERAL STRUCTURE INFORMATION\*\*\***

**\*\*\*BRIDGE INSPECTION INFORMATION\*\*\***

ROUTE: RTNS  
FEATURE: SALINE CR  
STATUS: P-POSTLOAD  
LOG MILE: 2.134  
DETOUR: 8.00 MILES  
NHS: NO  
BUILT: 1955  
REHAB:  
LOCATION: S 306 T 36 R 9 E  
LATITUDE: 37 50 47.28 (DMS)  
LONGITUDE: 90 1 54.73 (DMS)

# SPANS: 3  
LANES ON: 1  
LANES UNDER: 0  
COMPASS DIRECTION: SOUTH to NORTH  
DIRECTION OF TRAFFIC: 1-LN/2-WAY  
FUNCTIONAL CLASS: RL-MAJOR COLLECTOR  
NBI OWNER: MODOT  
NBI MAINTAINED: MODOT  
MAINTENANCE DISTRICT: SE  
MAINTENANCE COUNTY: STE. GENEVIEVE  
SUB AREA: 7H44

PLACE CODE: 03790 BEAUVAIS  
LENGTH: 131 FT 0 IN  
MAXIMUM SPAN: 44 FT 1 IN  
APPROACH ROADWAY: 20 FT 0 IN  
CURB TO CURB: 20 FT 0 IN  
OUT TO OUT: 22 FT 0 IN  
AADT: 686  
AADT YEAR: 2022  
AADT TRUCK: 6.9%  
FUTURE AADT: 960  
FUTURE AADT YEAR: 2042

DATE: 10/19/2022      RESPONSIBILITY: DISTRICT  
FREQUENCY: 24      CALCULATED INTERVAL\*\*: 24  
TEAM LEADER: CHRIS CROCKER      ELEMENT: NO  
INSPECTOR 2:      INSPECTOR 4:  
INSPECTOR 3:  
\*\* When calculated interval exceeds the frequency, a justification comment per BIRM is required.

**GENERAL INSPECTION COMMENTS**

**\*\*\*FRACTURE CRITICAL INSPECTION INFORMATION\*\*\***

**\*\*\*INDEPTH INSPECTION INFORMATION\*\*\***

DATE:      RESPONSIBILITY:      CATEGORY:  
FREQUENCY:      CALCULATED INTERVAL\*\*:  
TEAM LEADER:      INSPECTOR 3:      METHOD:  
INSPECTOR 2:      INSPECTOR 4:  
  
\*\* When calculated interval exceeds the frequency, a justification comment per BIRM is required.

DATE:      RESPONSIBILITY:      CATEGORY:  
FREQUENCY:      CALCULATED INTERVAL\*\*:  
TEAM LEADER:      INSPECTOR 3:      METHOD:  
INSPECTOR 2:      INSPECTOR 4:  
  
\*\* 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: 07/19/2023      RESPONSIBILITY: DISTRICT      CATEGORY: CHANNEL CROSS SEC'  
FREQUENCY: 120      CALCULATED INTERVAL\*\*: 116      NBI: NO  
TEAM LEADER:      INSPECTOR 3:      METHOD: WT TAPE  
INSPECTOR 2: ED HESS      INSPECTOR 4:  
  
\*\* When calculated interval exceeds the frequency, a justification comment per BIRM is required.

DATE: 10/19/2022      RESPONSIBILITY: DISTRICT      CATEGORY: DRY  
FREQUENCY: 60      CALCULATED INTERVAL\*\*: 24      NBI: NO  
TEAM LEADER: CHRIS CROCKER      INSPECTOR 3:      METHOD: VISUAL  
INSPECTOR 2:      INSPECTOR 4:  
  
\*\* 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
05/10/2017	999	DAMAGE POST INCIDENT	NO		DISTRICT	

DATE	FREQUENCY	CATEGORY	NBI	CALCULATED INTERVAL	RESPONSIBILITY	METHOD
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**Missouri Department of Transportation  
State Bridge Inspection Report**

January 02, 2024  
8:17:05AM

COUNTY: STE. GENEVIEVE

DISTRICT: SE

CLASS: STATBR

FED-ID: 7786

BRIDGE: P0631

**\*\*\*STRUCTURE POSTING\*\*\***

**APPROVED CATEGORY:** S-5      CENTERLINE OF BRIDGE AND TRUCKS OVER 15 TONS 15 MPH ON BRIDGE.  
**Ton 1:** 15      **Ton 2:**      **Ton 3:**  
**COMMENTS:**

**FIELD CATEGORY:** S-5      CENTERLINE OF BRIDGE AND TRUCKS OVER 15 TONS 15 MPH ON BRIDGE.  
**Ton 1:** 15      **Ton 2:**      **Ton 3:**      **PROBLEM:**      **PROBLEM DIRECTION:**  
**COMMENTS:**

**\*\*\*GENERAL COMMENTS/MAJOR RATED ITEMS\*\*\***

**GENERAL COMMENTS:** (BOWDEJ1, 09/03/2008)--(44'-43'-44') SMP WF GDR SPANS - INSPECTORS SHOULD CLOSLEY MONITOR RUSTING OF H-PILES AT GROUNDLINE

**[ITEM 58] DECK:** 4-POOR CONDITION      **COMMENTS:** (CROCKC1, 11/05/2020)--10 - 30% SATURATION MODERATE SPALLING & CRACKING THROUGHOUT  
**RATING :** 11/05/2020      (CROCKC1, 11/05/2020)--DROPPED TO 4 DUE TO SPAN 2 & 3 HEAVY SATURATION AND CRACKING AND POPOUTS THROUGHOUT

**[ITEM 59] SUPER:** 5-FAIR CONDITION      **COMMENTS:** (CROCKC1, 11/05/2020)--DROPPED TO 5 DUE TO TOP FLANGE PACK RUST AND LIFTING.  
**RATING :** 11/05/2020

**[ITEM 60] SUB:** 6-SATISFACTORY CONDITION      **COMMENTS:** (DENNIB1, 10/24/2012)--H-PILE W/ MINOR SECTION LOSS  
**RATING :** 11/03/2010      (ROBINC3, 10/24/2018)--@ TOPS NEW CAPS CONTINUE TO MONITOR CONSIDER RATING OF 5

**[ITEM 61] BANK/CHANNEL:** 7-MINOR DAMAGE      **COMMENTS:**  
**RATING :** 05/18/2001

**[ITEM 113] SCOUR:** 8-STABLE FOR CALCULATED      **COMMENTS:**  
**RATING :** 05/18/2001  
**EVALUATION TYPE :**

**[ITEM 71] WATERWAY ADEQUACY:** DECK/APPRCH OVERTOP SLIGT      **COMMENTS:** (CROCKC1, 05/12/2017)--DRIFT US AT BENT 2 CAUSING LOCAL SCOUR.  
**RATING :** 05/18/2001

**[ITEM 72] APPRRDWY ALIGNMENT:** 6-SATISFACTORY      **COMMENTS:**  
**RATING :** 05/18/2001

**\*\*\*RAILING AND APPROACH PAVEMENT COMPONENTS AND RATINGS\*\*\***

**[ITEM 36A] BRIDGE RAILING RATING:** DOESNT MEET CURRNT STND-0      **RATING :** 11/03/2010      **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>
RUSTING	THROUGHOUT		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:**



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**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>	<u>COMMENTS</u>
ASPHALT	BITUMINOUS MAT	BOTH	GOOD	

**\*\*\*DRAINAGE, EXPANSION DEVICES, BANK/SLOPE, AND DECK PROTECTIVE COMPONENTS\*\*\***

**DECK PROTECTIVE COMPONENTS:**

<u>SERIES TYPE-#</u>	<u>COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>THICKNESS</u>	<u>YEAR APPLIED</u>	<u>MANUFACTURE</u>	<u>OVERALL CONDITION</u>
MAIN SERIES-1	WEARING SURFACE	ASPHALT	BITUMINOUS SEAL COAT	.4 IN	2012		FAIR

**COMMENT:**

DECK PROTECTION

LIQUID SEALANT

INTERNALLY SEALED

2011

PAVON INDECK

**COMMENT:** (STEGEC, 11/03/2006)--INDECK APPLIED IN 2006

MEMBRANE

NOTAPPLICABLE

NONE

**COMMENT:**

**DRAINAGE COMPONENTS:**

<u>COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>
DRAINAGE	REINFORCED CONCRETE	CURB OUTLET		

**EXPANSION DEVICE COMPONENTS:**

<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>
-------------------	------------------	------------------	-----------------	---------------------	------------	---------------------	--------------------	--------------------------

**COMMENT:**

**BANK/SLOPE PROTECTION COMPONENTS:**

<u>COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>DIRECTION</u>	<u>COMMENTS</u>
BANK PROTECTION	ROCK	GROUTED	BOTH	

**\*\*\*DECK COMPONENTS\*\*\***

<u>SPAN TYPE-#</u>	<u>COMPONENT</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>COMMENTS</u>
MAIN SPANS-1	DECK	REINFORCED CONCRETE	CAST-IN-PLACE	
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> <u>MEASUREMENT</u> <u>COMMENT</u>
	DELAMINATION	OVERHANGS		MINOR
	EFFLORESCENCE	THROUGHOUT		MEDIUM
	MAP CRACKS	THROUGHOUT		MEDIUM
	PATCHES	RANDOM		SMALL
	REBAR EXPOSED	OVERHANGS		MINOR
	SATURATION	RANDOM		MINOR            10 %
	SPALLS	BOTTOM		SMALL
	TRANSVERSE CRACKS	THROUGHOUT		MINOR            (CROCKC1, 11/05/2020)--HOLE IN DECK ABOVE BENT 2
MAIN SPANS-2	DECK	REINFORCED CONCRETE	CAST-IN-PLACE	
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u> <u>MEASUREMENT</u> <u>COMMENT</u>
	DELAMINATION	EDGE		MINOR
	EFFLORESCENCE	THROUGHOUT		MINOR





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LONGITUDINAL CRACKS	THROUGHOUT	MINOR	
PATCHES	RANDOM	FEW	
REBAR EXPOSED	OVERHANGS	MINOR	
SATURATION	RANDOM	MINOR	40 %
SPALLS	AT JOINTS	LARGE	
SPALLS	EDGE	MINOR	
TRANSVERSE CRACKS	THROUGHOUT	MINOR	

<i>MAIN SPANS-3</i>	<i>DECK</i>	<i>REINFORCED CONCRETE</i>	<i>CAST-IN-PLACE</i>			
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>	
DELAMINATION	AT JOINTS		MINOR			
EFFLORESCENCE	THROUGHOUT		MEDIUM			
MAP CRACKS	THROUGHOUT		FINE			
PATCHES	RANDOM		FEW			
REBAR EXPOSED	BOTTOM		MINOR			
SATURATION	RANDOM		MINOR	40 %		
SPALLS	BOTTOM		MINOR			
SPALLS	OVERHANGS		MINOR			(ROBINC3, 12/17/2018)--ADVANCED SECTION LOSS (ROBINC3, 12/17/2018)--W/EXP REBAR
TRANSVERSE CRACKS	THROUGHOUT		MINOR			

**\*\*\*SUPERSTRUCTURE COMPONENTS\*\*\***

<u>SERIES TYPE-#</u>	<u>SPAN TYPE</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>LABEL</u>	<u>COMMENTS</u>
<i>MAIN SERIES-1</i>	<i>SIMPLE SPAN</i>	<i>STEEL</i>	<i>WIDE FLANGE GIRDERS</i>		
<u>SPAN</u>	<u>COMPOSITE INDICATOR</u>	<u>LENGTH</u>	<u>WEATHERING STEEL</u>	<u>COMMENTS</u>	
MAIN SPANS-1	NON-COMPOSITE	44 FT 1 IN	NO		
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
PACK RUST	AT JOINTS		MINOR		
RUSTING	AT JOINTS		MINOR		
RUSTING	TOP FLANGE		MINOR		
SATURATION	THROUGHOUT		MINOR		
MAIN SPANS-2	NON-COMPOSITE	43 FT 0 IN	NO	(REHAGM, 02/09/2004)--PUMPING RUST	
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
PACK RUST	AT JOINTS		MINOR		
RUSTING	AT JOINTS		MINOR		
SATURATION	THROUGHOUT		MINOR		
MAIN SPANS-3	NON-COMPOSITE	44 FT 1 IN	NO		
<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
PACK RUST	THROUGHOUT		MINOR		
RUSTING	THROUGHOUT		MINOR		
SATURATION	THROUGHOUT		MINOR		

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

<u>SUBSTRUCTURE</u>	<u>SKEW</u>	<u>LENGTH</u>	<u>MATERIAL</u>	<u>CONSTRUCTION</u>	<u>LABEL</u>	<u>COMMENTS</u>
<i>ABUTMENT-1</i>		24 FT 4 IN	REINFORCED CONCRETE	NON-INTEGRAL		
<u>ASSOCIATED COMPONENT</u>	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BACKWALL		REINFORCED CONCRETE	CAST-IN-PLACE			



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	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BEAM CAP	SPALLS VERTICAL CRACKS	RANDOM RANDOM	CAST-IN-PLACE	MINOR MINOR		(ROBINC3, 10/18/2016)--EXPOSED REBAR
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
PILING		STEEL	H-SHAPE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
STRAIGHT WINGS		REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING		STEEL	CURVED PLATE(ROTATING)			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	PACK RUST	THROUGHOUT		MINOR		
<b>BENT-2</b>	<b>21 FT 6 IN</b>	<b>REINFORCED CONCRETE</b>	<b>PILE CAP</b>			
	<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	REINFORCED CONCRETE	CAST-IN-PLACE				
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	HORIZONTAL CRACKS	THROUGHOUT		FEW		
	SPALLS	ENDS		MINOR		(ROBINC3, 10/18/2016)--EXPOSED REBAR
	VERTICAL CRACKS	THROUGHOUT		MINOR		
PILING		STEEL	H-SHAPE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	PACK RUST	TOP		MINOR		(ROBINC3, 12/17/2018)--W/ADVANCED SECTION LOSS
	SECTION LOSS	GROUND LINE		MINOR		
CROSS BRACING		STEEL	ANGLE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING		STEEL	CURVED PLATE(ROTATING)			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	PACK RUST	THROUGHOUT		MINOR		
<b>BENT-3</b>	<b>21 FT 6 IN</b>	<b>REINFORCED CONCRETE</b>	<b>PILE CAP</b>			
	<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	REINFORCED CONCRETE	CAST-IN-PLACE				
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	HORIZONTAL CRACKS	THROUGHOUT		RANDOM		
	VERTICAL CRACKS	THROUGHOUT		MINOR		(ROBINC3, 10/18/2016)--IN CAP
PILING		STEEL	H-SHAPE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	PACK RUST	TOP		MINOR		(ROBINC3, 12/17/2018)--ADVANCED SECTION LOSS
	SECTION LOSS	GROUND LINE		MINOR		
CROSS BRACING		STEEL	ANGLE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
	PACK RUST	THROUGHOUT		MINOR		
FIXED BEARING		STEEL	FLAT PLATE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
<b>ABUTMENT-4</b>	<b>24 FT 4 IN</b>	<b>REINFORCED CONCRETE</b>	<b>NON-INTEGRAL</b>			
	<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>				
BACKWALL	REINFORCED CONCRETE	CAST-IN-PLACE				



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State Bridge Inspection Report**

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COUNTY: STE. GENEVIEVE

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	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
HIGH STEEL SPALLS		RANDOM		FEW		
VERTICAL CRACKS		RANDOM		MINOR		
PILING		STEEL	H-SHAPE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
STRAIGHT WINGS		REINFORCED CONCRETE	CAST-IN-PLACE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
FIXED BEARING		STEEL	FLAT PLATE			
	<u>CONDITION</u>	<u>LOCATION 1</u>	<u>LOCATION 2</u>	<u>SEVERITY</u>	<u>MEASUREMENT</u>	<u>COMMENT</u>
PACK RUST		THROUGHOUT		MINOR		

**\*\*\*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.

<u>VERTICAL CLEARANCE TYPE**</u>	<u>VALUE</u>	<u>DIRECTION</u>	<u>DATE</u>	<u>COMMENT</u>
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**CLEARANCES UNDER BRIDGE**      \*\*NOTE: Vertical clearances for permitting purposes are taken as 2 inches less than the actual field measured clearance.

<u>RECORD #</u>	<u>ROUTE</u>	<u># LANES</u>	<u>DIRECTION OF TRAFFIC</u>	<u>RIGHT LATERAL CLEARANCE</u>	<u>LEFT LATERAL CLEARANCE</u>	<u>UR-ID</u>
<u>VERTICAL CLEARANCE TYPE**</u>	<u>VALUE</u>	<u>DIRECTION</u>	<u>DATE</u>	<u>COMMENT</u>		

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

CONDITION:	FAIR	RUST AMOUNT :	7 = .2% OF SURFACE RUSTED	STEEL TONS :	26
	<u>ORIGINAL PAINT</u>		<u>CONTRACT REPAINT</u>		<u>DEPARTMENT REPAINT</u>
	PAINT TYPE :		PAINT TYPE :	PAINT TYPE :	C SYSTEM
	NAME :		NAME :	NAME :	INORGANIC ZINC/VINYL
	PAINT COLOR :		PAINT COLOR :	PAINT COLOR :	GREEN
	PAINT YEAR :		PAINT YEAR :	PAINT YEAR :	1984
	MILS :		MILS :	MILS :	4
				MANUFACTURE :	
				SURFACE PREP :	

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



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State Bridge Inspection Report**

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COUNTY: STE. GENEVIEVE

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**GENERAL WORK COMMENTS:**

<i>RESPONSIBILITY</i>	<i>LOCATION</i>	<i>ITEM</i>	<i>CATEGORY</i>	<i>PRIORITY</i>	<i>DATE</i>	<i>WORK ITEM COMMENT</i>
DISTRICT ROUTINE	UPSTREAM	CUT UP DRIFT	CHANNEL	2	05/12/2017	

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

<i>UTILITY</i>	<i>OWNER</i>	<i>METHOD</i>	<i>MEASUREMENT TYPE</i>	<i>VALUE</i>	<i>NUMBER</i>	<i>UTILITY ATTACHMENT COMMENT</i>

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

<u>YEAR</u>	<u>PROJECT #</u>	<u>MONTH LET</u>	<u>YEAR LET</u>	<u>ITEMS</u>	<u>COMMENT</u>
2025	SE0026	1	2025	REPLACE BRIDGE	

**\*\*\*COMPUTER GENERATED RATINGS AND DEFICIENCY ITEMS\*\*\***

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.

<u>Rated Item</u>	<u>Rating</u>	<u>Rating Date</u>
[Item 67] Structure Evaluation Rating:	2-BASICALLY INTOLRBLE REQ	12/27/2023
[Item 68] Deck Geometry Rating:	3-BASICALLY INTOL CORRECT	2/9/2017
[Item 69] Underclearance:	N-NOT APPLICABLE	5/18/2001
Sufficiency Rating:	40.9%	3/8/2022
Deficiency:	STRUCTURAL	1/19/2021
Funding Eligibility:	FULL	----
Estimated New Structure Length:	197 FT.	----
Estimated Structure Cost:	\$933,639	----
Estimated Total Project Cost:	\$1,400,459	----
Year of Cost Estimate:	2023	----

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.

**\*\*\*ADVANCED SIGN INFORMATION\*\*\***

<u>SIGN #</u>	<u>SIGN TYPE</u>	<u>PROBLEM</u>	<u>PROBLEM DIRECTION</u>
1			

**\*\*\*OUTFALL INSPECTION INFORMATION\*\*\***

<b># OUTFALLS:</b>	<b>INSPECTOR:</b>
<b>STATUS:</b>	<b>DATE:</b>
<b>NOTES:</b>	



COUNTY: STE. GENEVIEVE

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

January 2, 2024  
8:18:09am

COUNTY : STE. GENEVIEVE	BRIDGE : P0631	REVIEW STATUS : APPROVED	NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 12/27/2023	SUBMITTAL YEAR : 2023

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 STE. GENEVIEVE	5C Designated Level of Service MAINLINE
8 Federal ID No. 7786	5D Route Number 0000N
27 Year Built 1955	5E Directional Suffix NOT APPLICABLE
106 Year Reconstructed 0	7 Facility Carried RT N S
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 07-RURAL MAJOR 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 BEAUVAIS	29 AADT 686
Code 03790	30 AADT Year 2022
9 Location S 306 T 36 N R 9 E	102 Direction of Traffic ONE LANE BRIDGE FOR 2-WAY
11 Milepoint 2.15 miles	109 AADT Truck Percent 7%
16 Latitude 37 D 50 M 47 S	114 Future AADT 960
17 Longitude 90 D 1 M 55 S	115 Future AADT Year 2042

UNDERRECORD INFORMATION	STRUCTURE GEOMETRIC INFORMATION
6 Features Intersected SALINE CR	10 Inventory Rte. Vert. Clear 99 Ft. 99 In.
42B Type of Service Under WATERWAY	19 By pass Detour Length 8.13 miles
28B Lanes Under Structure 00	32 Approach Roadway Width 20 Ft. 0 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 43 Ft. 12 In.
56 Left Lat Clearance 0 Ft. 0 In.	49 Structure Length 130 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) 21 Ft. 12 In.
116 Nav. Cl. Vert. Clear	53 Vert. Clearance Over Deck 99 Ft. 99 In.

Design\_No = P0631 and Inventory\_Appraisal\_Submittal\_Year = 2023



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

January 2, 2024  
8:18:09am

COUNTY : STE. GENEVIEVE	BRIDGE : P0631	REVIEW STATUS : APPROVED	NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT		RUN DATE : 12/27/2023	SUBMITTAL YEAR : 2023

LOAD RATING AND POSTING INFORMATION	MATERIAL/CONSTRUCTION INFORMATION																																																						
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