

STRUCTURAL REHABILITATION CHECKLIST

Bridge No.:	A2588	Job No.:	JCD0240
Route:	H	Over:	Dry Fork Creek
County:	Dent	Date of Field Check:	11/10/2025

*** Please include photographs for all items that apply. ***

1

OVERLAY

- * Type of existing overlay: ☐ None ☐ Asphalt ☐ Low Slump ☐ Silica Fume ☐ Latex ☐ Epoxy ☒ Other: Chip Seal
- * Existing overlay thickness: _____ "
- * Year overlay was applied: 2002 ☐ Unknown
- * % of overlay repaired or patched: _____ %
- * Replace overlay: ☐ Yes ☐ No
- * Notes: Redeck

Picture #

2A

DECK REPAIRS (Deck repair quantities are required even if a Deck Test request has been ordered for this structure.)

- * Half-sole repairs: _____ sq. ft.
(round up to the nearest 50 sq. ft.)
- * Full-depth repairs: _____ sq. ft.
(round up to the nearest 25 sq. ft.)
- * Slab edge repairs: _____ lin. ft.
(covers the outer 4" of the slab edge)
- * Superstructure repair (Unformed): _____ sq. ft.
(covers the remaining slab cantilever beyond the outer 4")
- * Clean & seal slab edge: _____ lin. ft.
(in lieu of edge repairs)
- * Cantilever replacement: _____ lin. ft.
- * Total surface hydro demolition bridge deck: ☐ Yes ☒ No
(half-sole and full depth repair quantities still required)
- * Full deck replacement (redeck): ☒ Yes ☐ No ☐ Optional
- * Deck repairs with voided tube replacement: ☐ Yes ☒ No
(if applicable) _____ sq. ft.
- * Superstructure replacement: ☐ Yes ☒ No ☐ Optional
- * Full bridge replacement: ☐ Yes ☒ No ☐ Optional
(Deck repair quantities required for cost comparison of alternatives)
- * How were the quantities obtained? ☒ Visual ☐ Bridge Inspection Report ☐ Sounded ☐ Other _____
- * Notes: _____

Picture #

DECK REPAIRS CONT.

* ISSUES \ PROBLEMS WITH PRECAST PRESTRESSED DECK PANELS

Spans	Location in Span						Deterioration		Describe	
	At Panel Jt.	Btwn (mid) Panel Jt.	End		Mid		End	Type		Amount
	☐	☐	☐	☐	☐	☐	☐		sq. ft.	
	☐	☐	☐	☐	☐	☐	☐		sq. ft.	
	☐	☐	☐	☐	☐	☐	☐		sq. ft.	
	☐	☐	☐	☐	☐	☐	☐		sq. ft.	
	☐	☐	☐	☐	☐	☐	☐		sq. ft.	
	☐	☐	☐	☐	☐	☐	☐		sq. ft.	

* Notes: None Redeck

(Deterioration may include water saturation, efflorescence, rust staining, cracking, spalling, exposed steel, disintegration of panel edges at joints, etc. Typically observed at or near panel joints. The location and "Type" of deterioration should be recorded.)

Picture #

APPROACH SLABS

- * Is there a bridge approach slab in place? ☐ Yes ☒ No * Type: ☐ Concrete ☐ Asphalt ☐ Other _____
- * Is there a rdwy. approach pavement in place? ☒ Yes ☐ No * Type: ☐ Concrete ☒ Asphalt ☐ Other _____
- * Is the approach slab sinking at the end bent? ☐ N/A ☐ Yes ☒ No _____
- * Are repairs needed to the bridge approach slab driving surface? ☐ Yes ☐ No Mill and Fill to new bridge deck
(Typically a roadway item but will be reported to district on the Bridge Memorandum.)

* Notes: _____

Picture #

4

SLAB DRAINS

* Is the drainage system working adequately? ☒ Yes ☐ No

* Recommendations: _____

* Notes: _____

Picture #

5

CURBS & RAILS

* Existing curb (left side): ☐ Safety Barrier Curb ☒ Curb/parapet ☐ Blockouts ☐ Thrie Beam ☐ Baluster ☐ Steel Channel

☐ Other _____ ☐ Handrail ☐ Fence _____

* Does curb need repair ☐ Yes ☒ No

* Curb repair _____ lin. ft.

* Remove hand rail ☒ Yes ☐ No

* Add curb blockout ☐ Yes ☐ No

* Existing curb (right side): ☐ Safety Barrier Curb ☒ Curb/parapet ☐ Blockouts ☐ Thrie Beam ☐ Baluster ☐ Steel Channel

☐ Other _____ ☐ Handrail ☐ Fence _____

* Does curb need repair ☐ Yes ☒ No

* Curb repair _____ lin. ft.

* Remove hand rail ☒ Yes ☐ No

* Add curb blockout ☐ Yes ☐ No

* Existing median curb: Type: _____ Width _____ " Height _____ "

* Does curb need repair ☐ Yes ☐ No

* Curb repair _____ lin. ft.

* Approach rail attachment: ☐ None ☐ Not attached ☐ 4 Hole ☒ 5 Hole ☐ Turn-down ☐ Other _____

* If the existing handrails will be removed, does the local maintenance supervisor wish to keep them? ☐ Yes ☒ No

Storage address: location: _____

address: _____

city: _____ state: _____ zip: _____

* Notes: Safety Barrier Curb added to new deck

Picture #

6

EXPANSION DEVICES

Bent	Type	Recommendations			Gap Left	Gap Right	Temperature & Other Info
		☐	☐	☐	"	"	
		☐	☐	☐	"	"	
		☐	☐	☐	"	"	
		☐	☐	☐	"	"	
		☐	☐	☐	"	"	
		☐	☐	☐	"	"	

* Notes: Replace with Redeck

Picture #

7

BEARINGS

Bent	Coating	Recommendations				Notes (indicate which bearings at each bent)
2	☐	☒	☐	☐	☐	
3	☐	☒	☐	☐	☐	
	☐	☐	☐	☐	☐	
	☐	☐	☐	☐	☐	
	☐	☐	☐	☐	☐	
	☐	☐	☐	☐	☐	
	☐	☐	☐	☐	☐	

* Notes: Abut 1 and 4 are integral

Picture # (Provide Pictures of Each Bearing)

8

COATING SYSTEM (PAINT)

* Existing coating system: Inorganic Zinc ☐ green ☒ gray ☐ other

* Date last coated: 1992

* Is existing coating peeling? ☐ Yes (Overcoat is not an option) ☒ No

* Coating recommendation:

☐ Blast clean & recoat all steel ☒ Clean & overcoat all steel☐ Blast clean & recoat only at joint locations ☐ Blast & recoat at joint locations and clean & overcoat all other steel

Note: Pull off test required for overcoat (Calcium Sulfonate) option. Bridge Division will request pull off tests.

* Notes: Separate painting project after redeck

Picture #

SUPERSTRUCTURE REPAIRS

(Repairs needed not previously stated.)

Concrete Slab Superstructure or Girder: (above the bearings) _____(Example: Deck solid slabs, voided slabs, box girder,
deck girders & prestressed girders) _____**Steel:** (Example: Beams, stringers, girders, diaphragms, cross-frames, misc. steel)**Member** (Check all that apply) (Attach pictures)**Describe & Locate**

_____	☐ Section Loss	_____ %	☐ Cracks	_____ in.	_____
_____	☐ Section Loss	_____ %	☐ Cracks	_____ in.	_____
_____	☐ Section Loss	_____ %	☐ Cracks	_____ in.	_____
_____	☐ Section Loss	_____ %	☐ Cracks	_____ in.	_____

Notes: None**Picture #****SUBSTRUCTURE REPAIR**

Bent	Formed Repair	Unformed Repair	Seal Concrete Beam Cap Bts.	Coat Exposed Pile @ Int. Pile Cap Bts.	Describe (Beam, Backwall, Wing, etc.)
<u>1</u>	_____ sq. ft.	<u>30</u> sq. ft.	☒ Yes ☐ No	☐ Yes ☐ No	<u>Cap and Diaphragm</u>
<u>2</u>	_____ sq. ft.	_____ sq. ft.	☐ Yes ☐ No	☒ Yes ☐ No	<u>Piles need cleaned and coated.</u>
<u>3</u>	_____ sq. ft.	_____ sq. ft.	☐ Yes ☐ No	☒ Yes ☐ No	<u>Piles need cleaned and coated.</u>
<u>4</u>	<u>65</u> sq. ft.	_____ sq. ft.	☒ Yes ☐ No	☐ Yes ☐ No	<u>Cap and Diaphragm</u>
_____	_____ sq. ft.	_____ sq. ft.	☐ Yes ☐ No	☐ Yes ☐ No	_____

* Does the structure need graffiti protection? ☒ No ☐ Bottom 8' of Concrete ☐ End Bents ☐ Other _____

* Notes: _____

Picture #

SIGNS, SIGNALS &/OR LIGHTING ATTACHED TO STRUCTURE

* Notes: _____

UTILITIES ATTACHED TO STRUCTURE

* Notes: None

6 of 9

13

CATHODIC PROTECTION SYSTEM

- * Is there a cathodic system on this structure? ☐ Yes ☒ No ☐ Remove ☐ Do not alter ☐ Abandon in place (grooved system)

- * Is it on and working? ☐ Yes ☐ No ☐ Unknown

- * Notes:**

Picture #

14

CHANNEL ALIGNMENT, SLOPE PROTECTION & SCOUR

- * Is channel aligned to bridge opening? ☒ Yes ☐ No Describe

- * Is drift a continual problem? ☐ Yes ☒ No Describe & Locate

- * Is erosion a problem? ☐ Yes ☒ No Describe & Locate

- * Describe slope protection in place.
- Soil

- | * Scour | At Footing | At Piling | Depth | Bent | Recommendation |
|---------|--------------------------|--------------------------|-------|------|----------------|
| | ☐ | ☐ | | | |
| | ☐ | ☐ | | | |

- * Describe needed work. None

Picture #

15

TRAFFIC LANES

- * **Number of lanes striped:** on structure 2 under structure 0

- * **Shoulder width:** ☐ None on structure 4_(left) 4_(right) under structure ______(left) ______(right)

- [illegible]

- * **Median width:** ☒ None on structure _____ under structure _____

- * **Proposed improvements for lanes/shoulders/sidewalks:** **None**

Picture #

16

GENERAL AREA CONDITIONS

* **Primary area:** ☐ Commercial ☐ Industrial ☐ Residential ☒ Agricultural ☐ Military ☐ Other _____

* **Posted speed limit on structure:** 55 mph

* **Posted load on structure:** _____ tons @ _____ mph ☒ NA

Single Unit: _____ tons @ _____ mph ☒ NA

Semi (tractor/trailer): _____ tons @ _____ mph ☒ NA

* **Are both signs in place?**

☐ Yes ☐ No

* **Do pedestrians and/or bicyclists regularly use this structure?** ☐ Yes ☐ No ☒ Undetermined

* **Notes:** _____

Picture #

17

MAINTENANCE

* **What work has been done to this structure that may not be reflected on existing bridge plans?** _____

2019 - Seal Deck with In-deck

2014 - Repair Concrete >1000SF Deck

2010 - Repair Concrete >100SF Deck

2006 - Repair Concrete >100SF Deck

Picture #

18

ADDITIONAL FIELD NOTES

Picture #

19

STAGING / DETOUR

* **Traffic Control:** ☒ Close structure ☐ Stage construction on structure ☐ Cross over traffic to adjacent structure ☐ Detour
☐ Other option _____

* Define probable detour route. _____

20

PERSONS ASSISTING WITH CHECKLIST

Name	<u>Derek Lepper</u>	Title	<u>District Bridge Engineer</u>	Ph.	<u>(573) 418 - 9071</u>
Name	<u>Mia Peters</u>	Title	<u>Engineering Professional - TPT</u>	Ph.	<u>(660) 281 - 1295</u>
Name	<u>Hawa Faleh</u>	Title	<u>Intermediate Highway Designer</u>	Ph.	<u>(573) 751 - 5754</u>
Name	<u>Ted Koestner</u>	Title	<u>Structural Project Manager</u>	Ph.	<u>(573) 751 - 4229</u>
Name	_____	Title	_____	Ph.	<u>() -</u>

21

REQUIRED SIGNATURES

I have reviewed the information on this checklist and believe it to be as accurate as possible.

Name	<u></u>	Date	<u>8/18/2026</u>
	<u>Transportation Project Manager</u>		
Name	<u></u>	Date	<u>8/18/2026</u>
	<u>District Bridge Engineer</u>		

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

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

Send **NEW** Structural Rehabilitation Checklist by email

To: "Bridge Survey Processor"

Cc: Structural Project Manager or Structural Resource Manager







Bent 3



Abut 4



Span 2

MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STA. NO.	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	NO.		19	19	

GENERAL NOTES:

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

Design Loading:

H15-44 15#/sq. ft. Future Wearing Surface
Earth 120# Equivalent Fluid Pressure 30#
Fatigue Stress - Case II

Design Unit Stresses:

Class B Concrete (substructure) $f_c = 1,200$ psi
Class B Concrete (superstructure) $f_c = 1,600$ psi
Reinforcing Steel $f_s = 20,000$ psi
Structural Steel $f_s = 20,000$ psi
Steel Pile $f_b = 6000$ psi

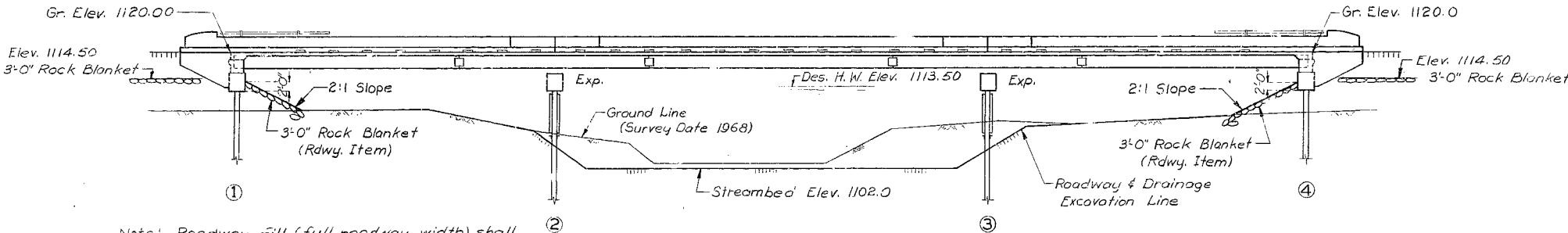
Fabricated Steel:

Field connections, High Strength Bolts $\frac{3}{4}" \phi$, holes $\frac{1}{16}" \phi$ except as noted.

Paint:

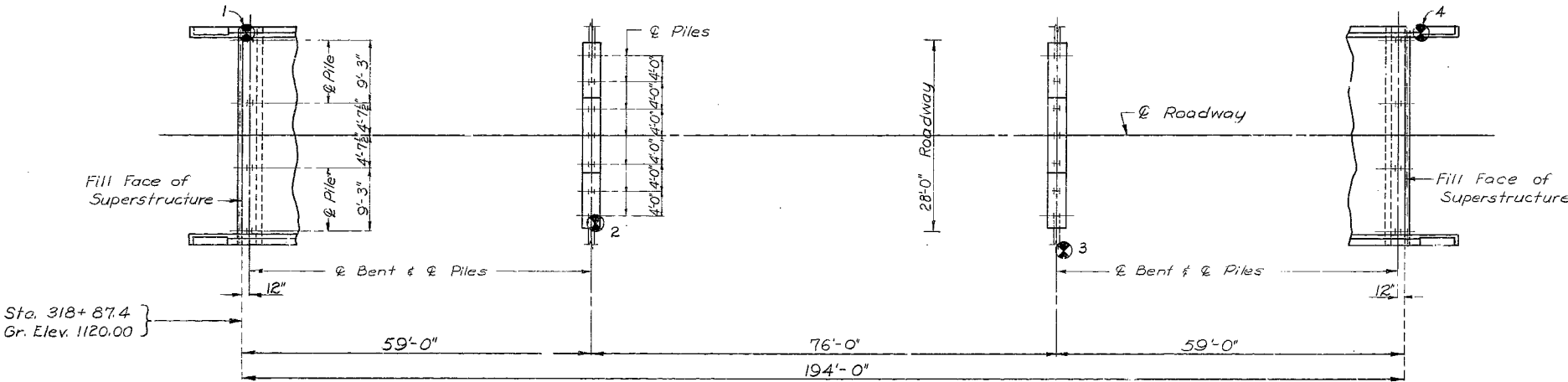
Shop, none; Field, by state forces, except as noted in Std. Spec. 712.12.2.

(58'-76'-58") Continuous WF-Beam Spans (Composite)



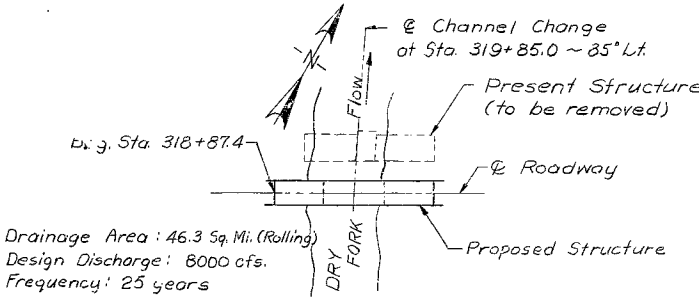
Note: Roadway fill (full roadway width) shall be placed up to elevation of bottom of concrete beam in front of and not less than 23'-0" in back of End Bents No. 1 & 4 before piles are driven.

GENERAL ELEVATION



PLAN

Note: For Boring Data see sheet No. 2 of 8.
"B" Indicates location of boring.



LOCATION SKETCH

PILE DATA				
BENT NO.	1	2	3	4
Pile Type and Size	10BP42	10BP42	10BP42	10BP42
Number	4	7	7	4
Approximate Length Ft.	25	27	27	25
Design Bearing Tons	30	33	33	30
Hammer Energy Required Ft. Lbs.	7000	7800	7800	7000
Min. Tip Penetration Elev.	1095.0	1087.0	1087.0	1095.0

Minimum energy requirement of hammer based on plan length of piles.

All pile shall be driven to the minimum penetrations and to not less than the design bearings noted.

ESTIMATED QUANTITIES			
ITEM	SUBSTR.	SUPERSTR.	TOTAL
Steel Piles in Place (10")	Lin. Ft. 578		578
Class B Concrete	Cu. Yd. 30.0		30.0
Class B Concrete	Cu. Yd. 187.5		187.5
Reinforcing Steel	Lb. 3240	48,670	51,910
Fabricated Structural Carbon Steel	Lb. 99,420		101,730
Bridge Rail (Single tube)	Lin. Ft. 398		398
Removal of Improvements	Lump Sum		1

Note: All concrete and reinforcing in End Bents No. 1 & 4 except substructure beam is included in Superstructure quantities.
Cost of any required excavation for bridge shall be included in price bid for other items.
Estimated weight of Fabricated Structural Steel includes weight of Angles required for bents No. 2 & 3.

B.M. #4 Elev. 1111.98 N.I.R. 24" Hickory
30' Rt. Sta. 319+25

BRIDGE OVER DRY FORK

STATE ROAD FROM LENOX EAST TO SALEM

ABOUT 7.0 MILES W. OF SALEM

PROJECT NO. S-205(4) RTE. D STA. 318+87.4

DENT

COUNTY

SUBMITTED BY: W. A. Cairney DATE: 4-15-69
APPROVED BY: M. J. Lindsey DATE: 4-15-69

STD. 706.30

A-2588

DESIGNED DEC. 1968 BY UNDERWOOD
DETAILED DEC. 1968 BY UNDERWOOD
CHECKED JAN. 1969 BY LINDSEY

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

Sheet No. 1 of 8

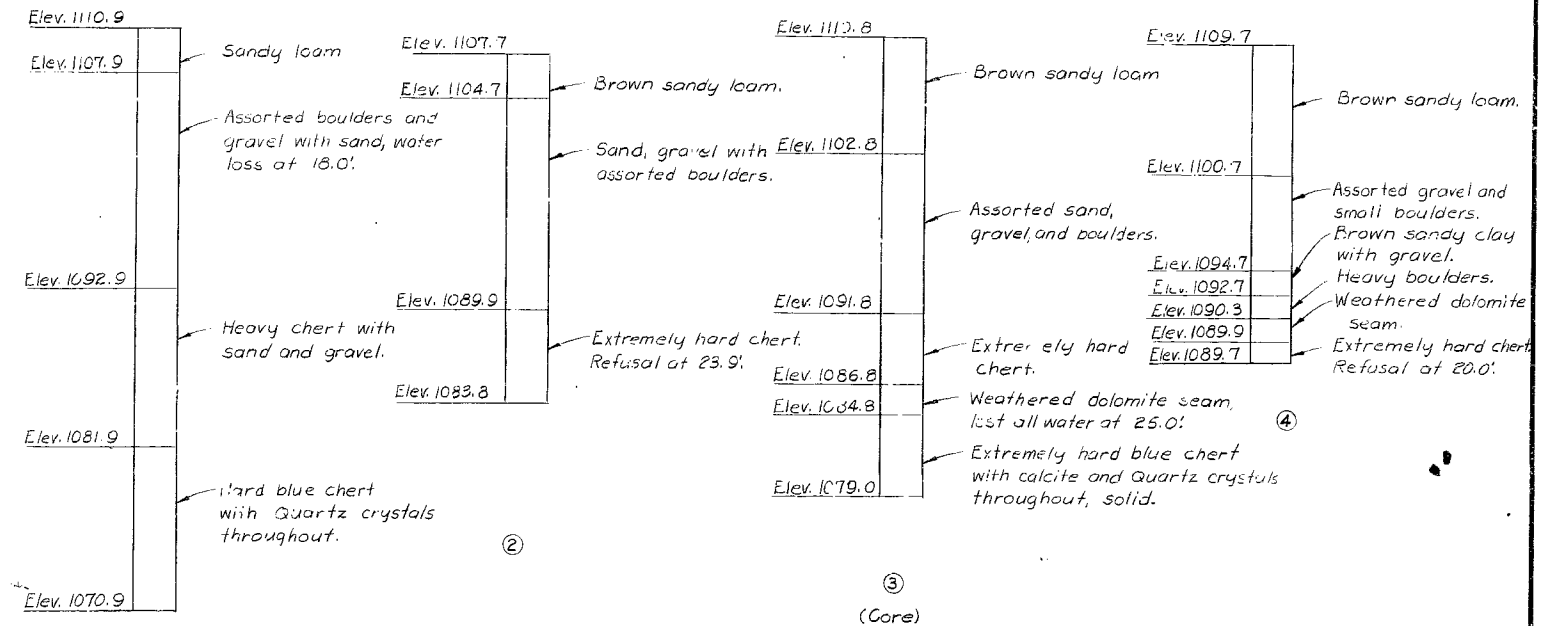
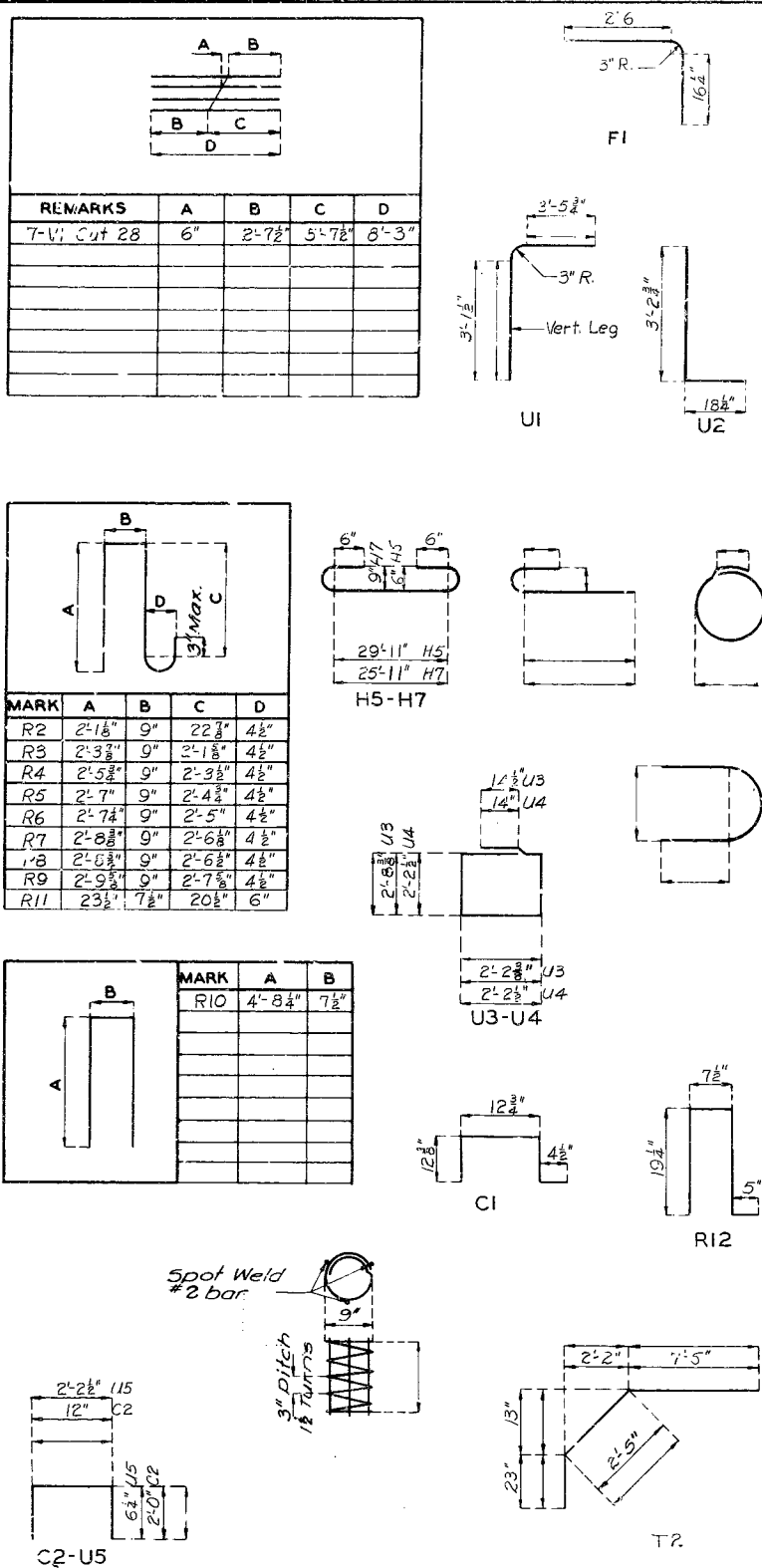
MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.		19	20	

COMPLETE BILL OF REINFORCING STEEL

NO.	SIZE	LENGTH	MARK	LOCATION
END BENTS NO. 1 & 4				
16	#6	32'-6"	H5	Beam
4	#6	30'-6"	H6	"
62	#4	11'-0"	U3	"
INT. BENT'S NO. 2 & 3				
16	#8	29'-3"	H7	Beam
4	#6	26'-9"	H8	"
56	#4	10'-0"	U4	"
16	#4	3'-3"	U5	"
SUPERSTRUCTURE				
16	#6	4'-3"	F1	Web (Bts. 1 & 4)
20	#6	30'-6"	H1	Web (Bts. 1 & 4)
24	#6	9'-3"	H2	Wings
8	#6	3'-6"	H4	"
8	#6	7'-0"	T1	Wings (Bts. 1 & 4)
8	#6	11'-9"	T2	"
54	#4	7'-0"	U1	Web (Bts. 1 & 4)
54	#4	4'-9"	U2	"
28	#4	8'-3"	V1	Wings
380	#5	3'-6"	C1	Curb
32	#5	5'-0"	C2	"
16	#6	34'-3"	C3	"
8	#6	38'-9"	C4	"
8	#5	4'-9"	R1	End Post
4	#5	5'-6"	R2	"
4	#5	6'-0"	R3	"
4	#5	6'-3"	R4	"
4	#5	6'-6"	R5	"
4	#5	6'-6"	R6	"
4	#5	6'-6"	R7	"
4	#5	6'-9"	R8	"
8	#5	7'-0"	R9	"
16	#5	10'-0"	R10	"
388	#5	5'-3"	R11	Parapet
56	#5	4'-3"		
16	#5	10'-0"		
32	#5	26'-0"	R14	"
16	#5	27'-6"	R15	"
16	#5	11'-6"	R16	"
846	#5	30'-6"	S1	Slab
155	#4	39'-9"	S2	"
144	#5	49'-6"	S3	"
60	#4	16'-0"	S4	"

BENDING SKETCHES & CUTTING DIAGRAMS



BORING DATA

Note: See sheet 1 of 8 for locations of borings.

DENT COUNTY

Sheet No. 2 of 8

A-2588

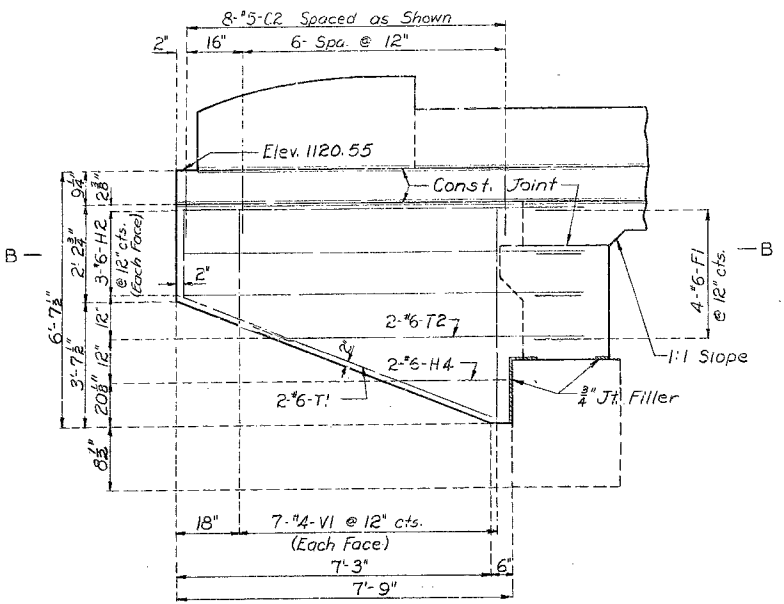
STD. 90.2
JUNE 1961
REVISED
NOV 1967

DETAILED Dec. 1968 BY UNDERWOOD
CHECKED JAN. 1969 BY LINDSEY

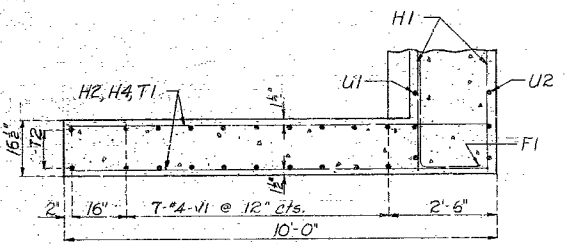
Note: This drawing is not to scale. Follow dimensions.

MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	MO.		19	21	

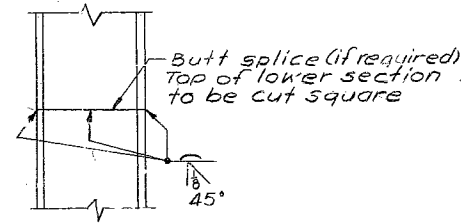


ELEVATION A-A

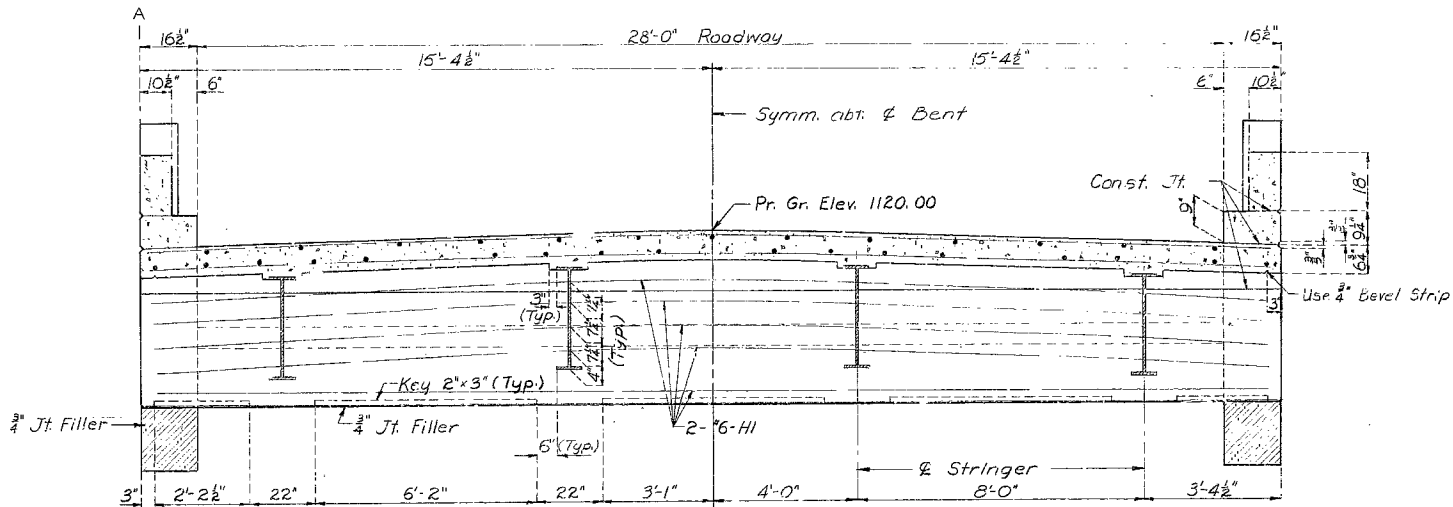


SECTION B-B

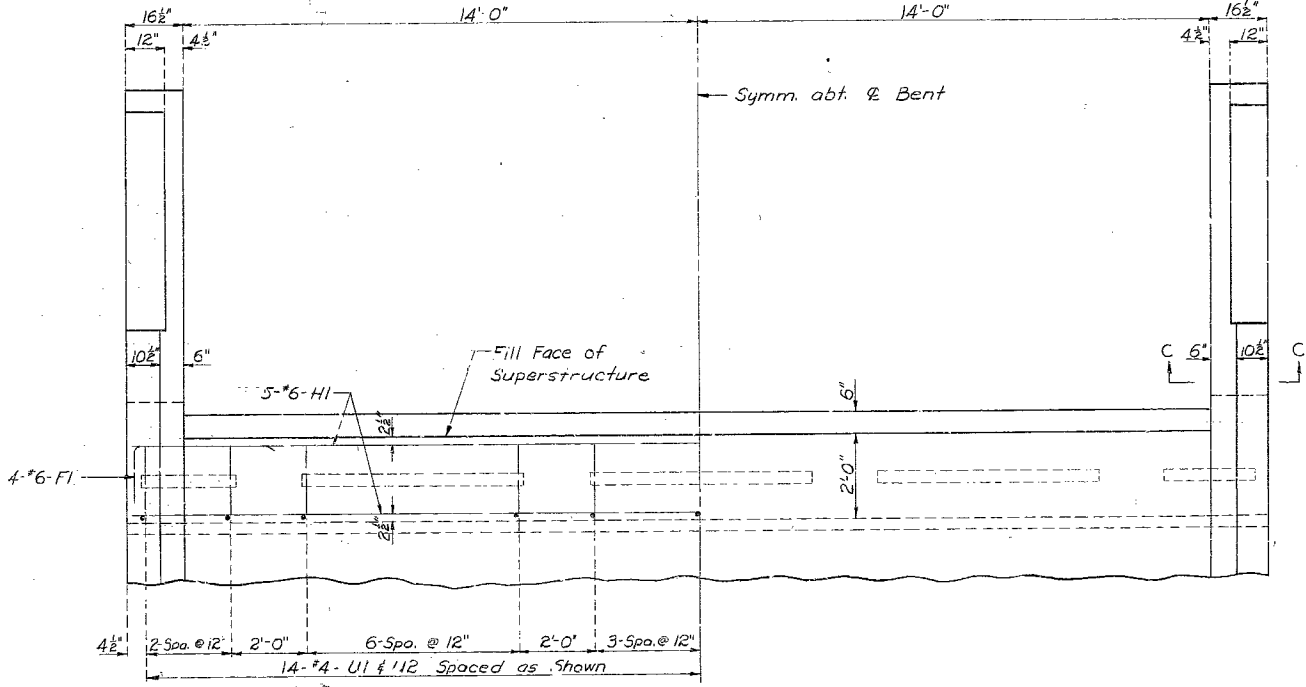
Note: Light dotted lines indicate substructure.
Heavy lines indicate superstructure.



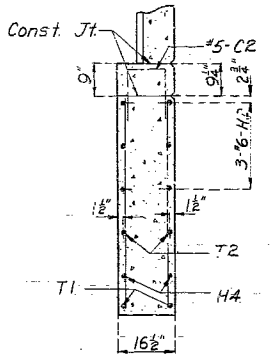
DETAIL OF STEEL PILE SPLICE



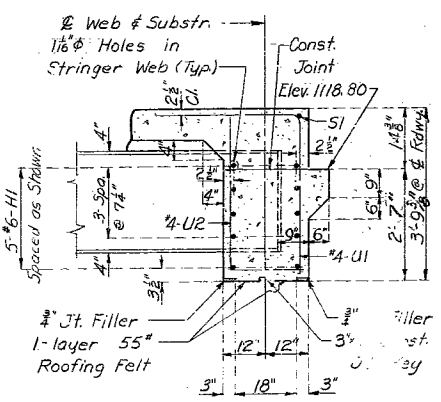
SECTION



PLAN
END BENTS NO. 1 & 4
(SUPERSTRUCTURE)



SECTION C-C



SECTION AT BENT

DEN?

COUNTY

135
DETAILED DEC. 1968 BY UNDERWOOD
CHECKED JAN. 1969 BY LINDSEY

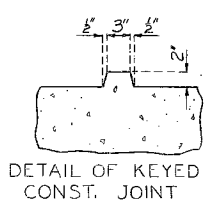
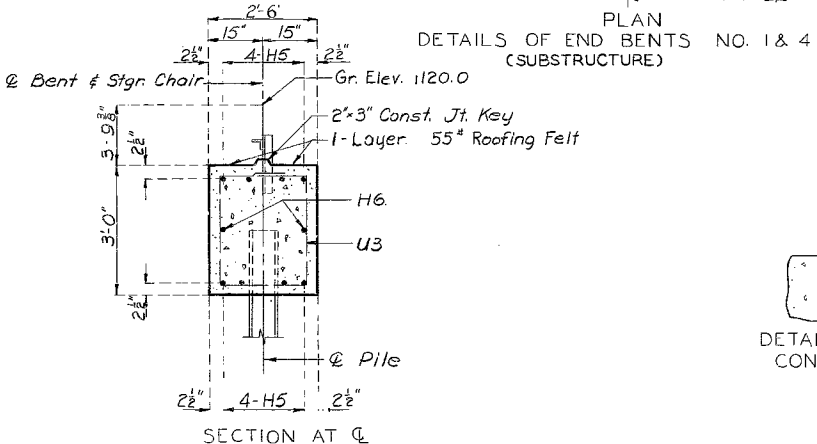
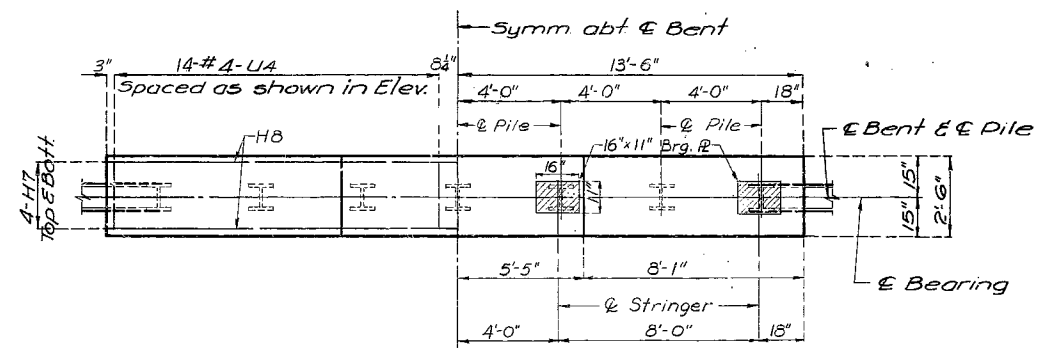
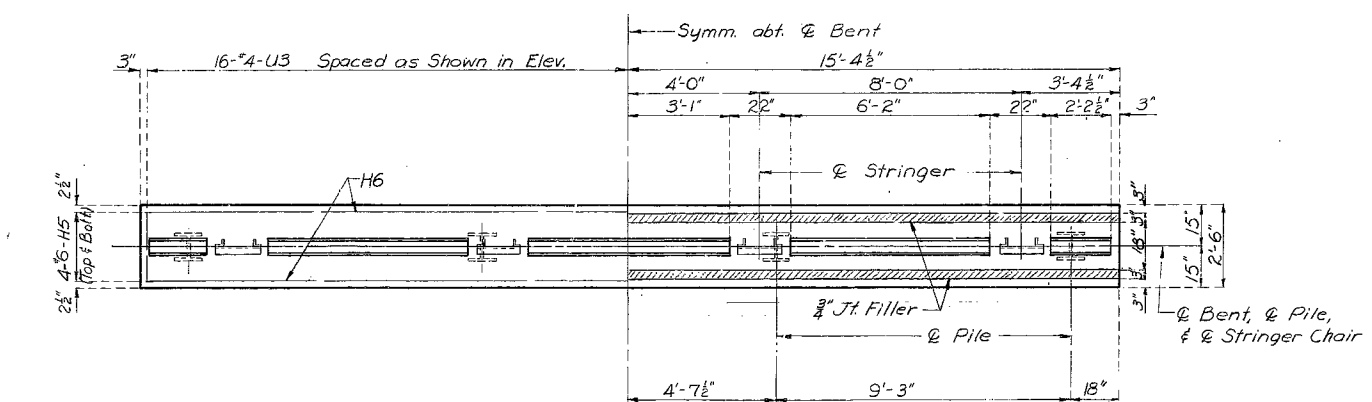
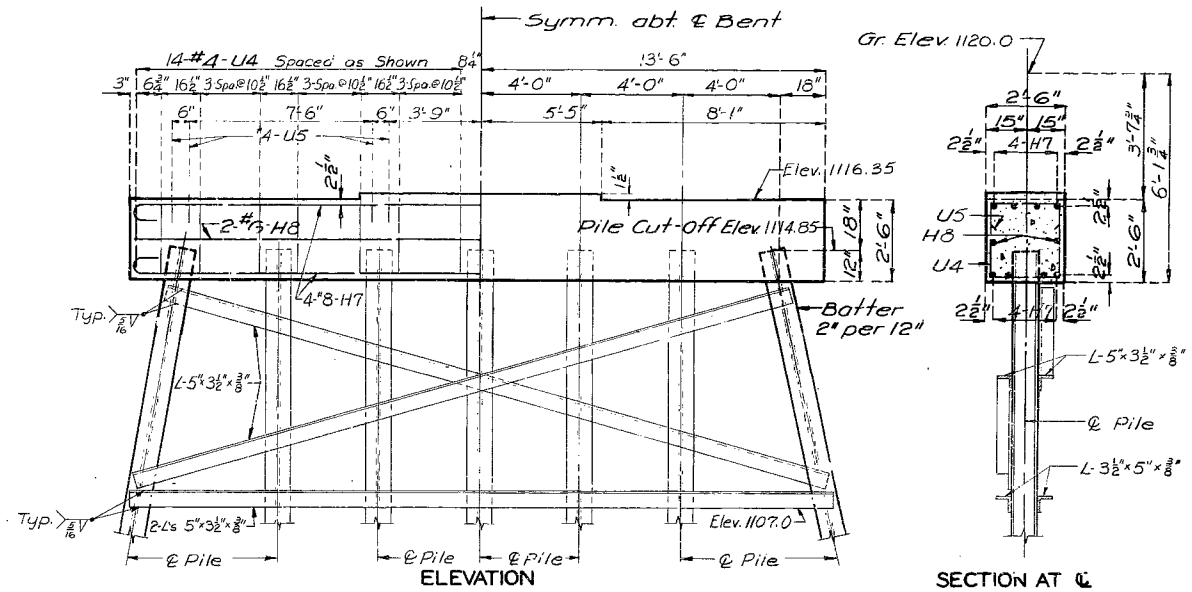
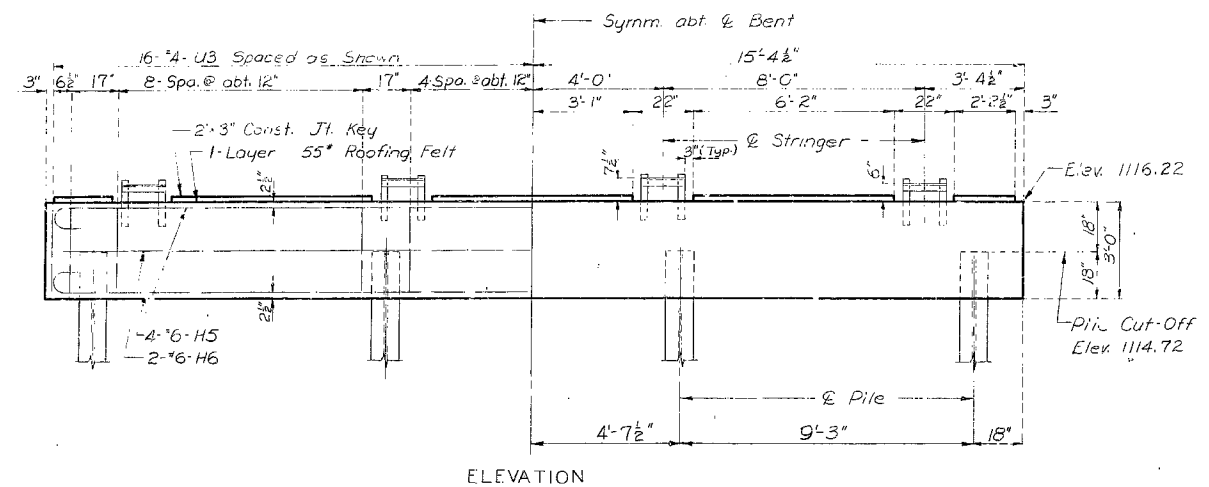
Note: This drawing is not to scale. Follow dimensions.

Sheet No. 3 of 8

A-2538

MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.		19	22	



Note: See Sheet 6 of 8 for details of Stringer Chair.

PLAN
DETAILS OF INTERMEDIATE BENTS NO. 2 & 3

DENT COUNTY

A-2538

No. 9.5 Revised
Mar 1964 June 1965

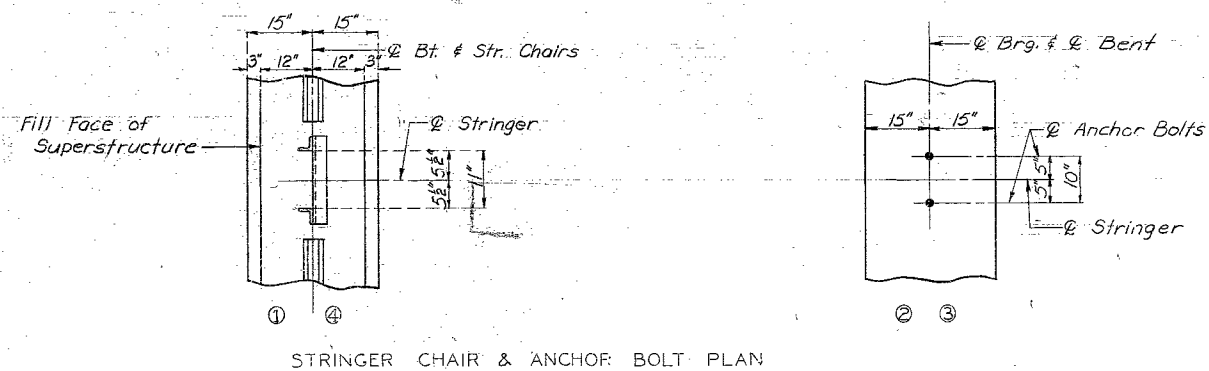
DETAILED DEC. 1968 BY UNDERWOOD
CHECKED JAN. 1969 BY LINDSEY.

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

Sheet No. 4 of 8.

13

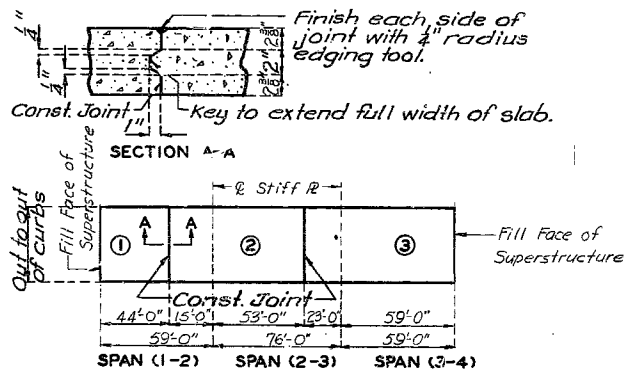
DENT COUNTY



A-2588

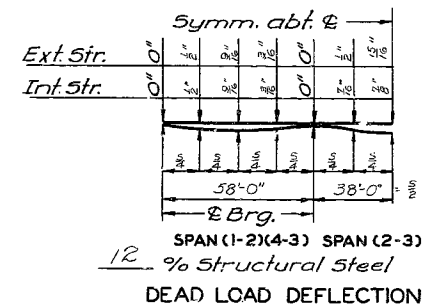
13

STD. 41.28, 4A	Revised
Oct 7 1964	JUNE 1968

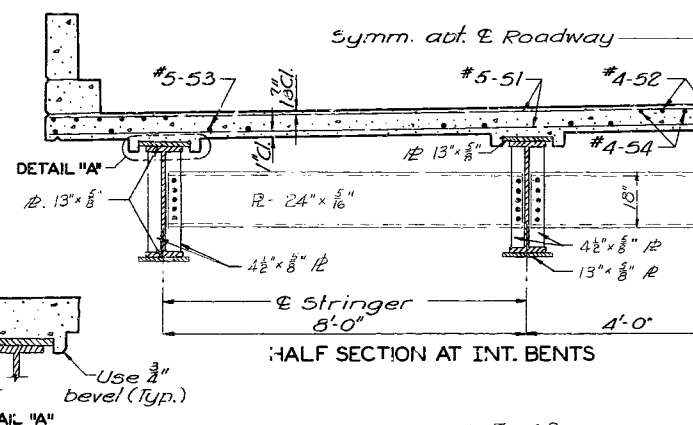


	Sequence of Pours		
	Direction		
Basic Sequence	1 End to 2	2 1 to 3	3 2 to End
Alternate "A" Pours	1+2 End to 3		3 2 to End
Alternate "B" Pours	1+2+3 End to End		

SLAB POURING SEQUENCE



DEAD LOAD DEFLECTION



DENT COUNTY

A-2588

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

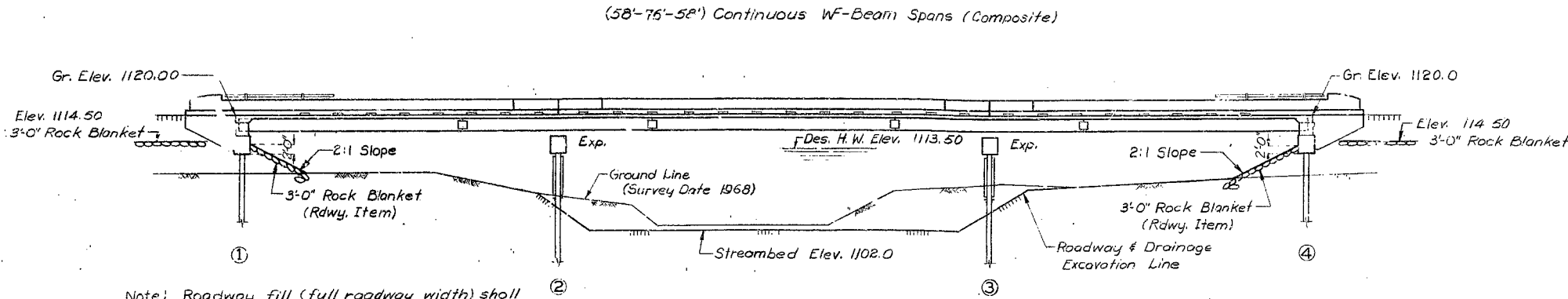
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	MO.		19	6	

MISSOURI STATE HIGHWAY DEPARTMENT

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

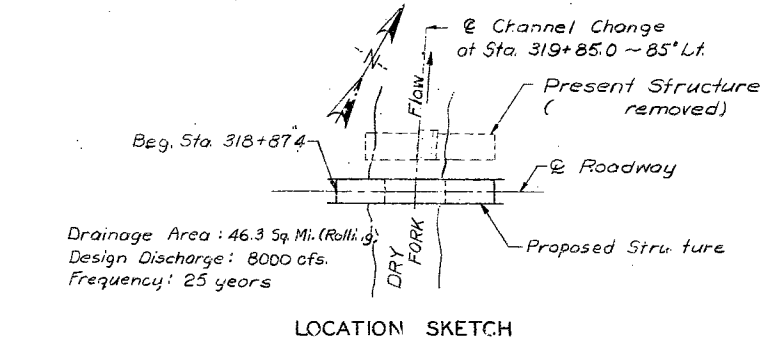
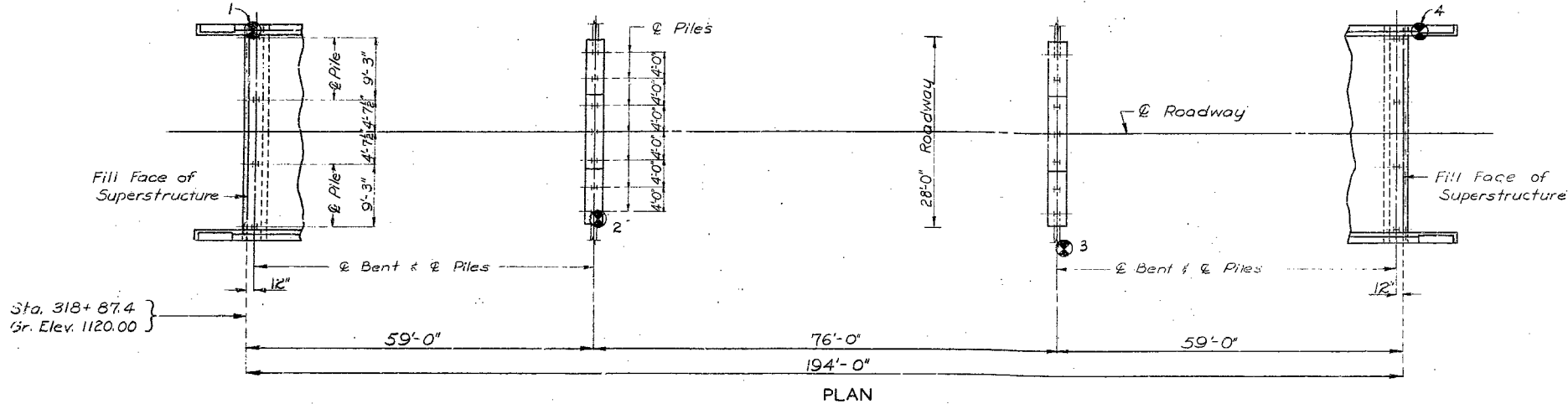
GENERAL NOTES: FINAL PLANS

Design Specifications: A.A.S.H.O. - 1965
 Design Loading:
 H15-44 15 ft. Future Wearing Surface
 Earth 120# Equivalent Fluid Pressure 30#
 Fatigue Stress - Case II
 Design Unit Stresses:
 Class B Concrete (substructure) $f_c = 1,200$ psi
 Class B Concrete (superstructure) $f_c = 1,600$ psi
 Reinforcing Steel $f_s = 20,000$ psi
 Structural Steel $f_s = 20,000$ psi
 Steel Pile $f_p = 6000$ psi
 Fabricated Steel:
 Field connections, High Strength Bolts $\frac{3}{4}" \phi$,
 holes $\frac{1}{16}" \phi$ except as noted.
 Paint:
 Shop, none; Field, by state forces except as noted
 in Std. Spec. 712.12.2.



Note: Roadway fill (full roadway width) shall be placed up to elevation of bottom of concrete beam in front of and not less than 25'-0" in back of End Bents No. 1 & 4 before piles are driven.

GENERAL ELEVATION



LOCATION SKETCH

Note: For Boring Data see sheet No. 2 of 3.
 "X" Indicates location of boring.

PILE DATA				
BENT NO.	1	2	3	4
Pile Type and Size	10BP42	10BP42	10BP42	10BP42
Number	4	7	7	4
Approximate Length Ft.	25	27	27	25
Design Bearing Tons	30	33	33	30
Hammer Energy required Ft. Lbs.	7000	7800	7800	7000
Min. Tip Penetration Elev.	1095.0	1087.0	1087.0	1095.0

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

QUANTITIES			
ITEM	SUBSTR.	SUPERSTR.	TOTAL
Steel Piles in Place (10")	624		624
Class B Concrete	30.0		30.0
Class B Concrete		187.5	187.5
Reinforcing Steel	3240	48670	51910
Fabricated Structural Carbon Steel	101620		101620
Bridge Rail (Single tube)		398	398
Removal of Improvements			1

Note: All concrete and reinforcing in End Bents No. 1 & 4 except substructure beam is included in Superstructure quantities.
 Cost of any required excavation for bridge included in price bid for other items.
 Estimated weight of Fabricated Structural Steel includes weight of Angles required for bents No. 2 & 3.

B.M. #4 Elev. 1120.54 on West End Top Rt. Curb
 Sta. 318+87.4
 BRIDGE OVER DRY FORK

STATE ROAD FROM LENOX EAST TO SALEM
 ABOUT 7.0 MILES W. OF SALEM
 PROJECT NO. S-205(4) RTF. D STA. 318+87.4

DENT COUNTY

SUBMITTED BY: W. A. Camley, DATE: 4-15-68
 BRIDGE ENGINEER
 APPROVED BY: M. J. Bruden, DATE: 4-15-68
 CIVIL ENGINEER

DESIGNED DEC. 1968 BY UNDERWOOD
 DETAILED DEC. 1968 BY UNDERWOOD
 CHECKED JAN. 1969 BY LINDSEY

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

Sheet No. 1A of 3

FINAL PLANS

STD. 6.30
 A-2589



Missouri Department of Transportation

Bridge Inventory and Inspection System

State Inspection Report

August 18, 2026

6:52:03am

Maintained by County: DENT

Maintained by District: CD

Class: STBR

Compass Direction: WEST TO EAST

Facility Carried: RT H E

Feature Intersected: DRY FK CR

Bridge Status: OPEN-NORST

Alias:

Federal ID (L.01): 2237

Year Built (W.01): 1970

Bridge #: A2588

Rehab #:

GENERAL STRUCTURE INFORMATION

SNBI District (L.04): CD

SNBI County (L.02): DENT

Owner (CL.01): MODOT

Maintenance (CL.02): MODOT

Sub Area: 7D48 SALEM

Commercial Zone: NO

Commercial Zone Type:

Bridge Name (ID.02): A2588

Location Description:

Location (L.11): S 24 T 34 R 7 W-

Place (L.030): 77830 WATKINS

PLSS: S 24 T 34 R 7 W

Latitude (L.05): 37 38 6.06 (DMS)

Longitude (L.06): -91 39 36.39 (DMS)

Log Mile (H.07): 13.89

Lanes On (H.08): 2

Direction Traffic (RT.03): 2-WAY TRAF

Detour Length (H.17): 29 MI

NHS (H.03): NO

Emergency Route (CL.06):

Fracture Critical (IR.01): NO

E/E' Fatigue Details (IR.02):

Complex Features (IR.04):

Live/Deep Wade Required (IR.03): NO

Condition Classification (C.12): FAIR

Lowest Condition Rating (C.13): 5-FAIR CONDITION

Scour Vulnerability (A.03):

Scour POA (A.04): SAP NOT NEEDED

Seismic Vulnerability (A.03): EVAL NOT REQUIRED

Seismic Category: CATEGORY A

GENERAL BRIDGE GEOMETRY

Bridge Length (B.02): 194 FT 0 IN

Max Span Length (G.03): 76 FT 0 IN

Min Span Length (G.04): 59 FT 0 IN

Maximum Bridge Height (G.13):

Vertical Clearane Over (H.13):

Out to Out Width (G.05): 30 FT 8.4 IN

Curb to Curb Width (G.06): 28 FT 0 IN

Left Curb/Sidewalk (G.07): 0 FT 0 IN

Right Curb/Sidewalk (G.08): 0 FT 0 IN

Approach Width (G.09): 21 FT 0 IN

Wearing Surface Thickness: .3 IN

Fill Depth:

Culvert Barrel Length:

Irregular Deck Area (G.15):

Calculated Deck Area (G.16): 5955.8

Max Skew (G.11): 0

Bridge Median (G.10): NO MEDIAN

Curved Bridge (G.12):

Flared Structure: NO

GENERAL STRUCTURE COMMENTS

(59'-76'-59') CONT COMP WF GDR SPANS --(BOWDEJ1, 08/28/2008)

TRAFFIC INFORMATION

Functional Class (H.01): MAJOR COLL

Average Daily Traffic (H.09): 786

Average Daily Truck Traffic (H.10): 89

Average Daily Traffic Year (H.11): 2025

Freight Network (H.04): NOT NHFN

STRAHNET (H.05): NONE

ADVANCED SIGN INFORMATION

Sign Type

Sign Status

Direction

ASSOCIATED STRUCTURES

Association Type

Bridge #

Federal ID

Highway Record

BORDER BRIDGE INFORMATION

Bridge Number (L.07):

Border State (L.08):

Inspection Responsibility (L.09):

Lead State (L.10):

Missouri Responsibility:

Border State Responsibility:

Design_No = a2588

Page 1

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Maintained by County: DENT

Class: STBR

Facility Carried: RT H E

Bridge Status: OPEN-NORST

Federal ID (L.01): 2237

Bridge #: A2588

Maintained by District: CD

Compass Direction: WEST TO EAST

Feature Intersected: DRY FK CR

Alias:

Year Built (W.01): 1970

Rehab #:

APPROVED POSTING INFORMATION				POSTING STATUS CHANGE HISTORY*					
Category S-1 Ton1 0 Ton2 0 Ton3 0 Text: NO POSTING REQUIRED Comment:	Posting Class Status A Status B Change Date (PS.02) SNBI Code (PS.01) Submittal Year 1 APPROVED PERMANENT UNRESTRC OPEN 5/18/2001 PO 2025								
FIELD POSTING INFORMATION									
Category S-1 Ton1 0 Ton2 0 Ton3 0 Posting Sign Problem Problem Direction Text: NO POSTING REQUIRED Comment:									
				* The Inspection Report will show the most recent posting status change history that has been coded. Statuses not shown may be found in the Bridge Management System					

COMPONENT CONDITION AND APPRAISAL RATINGS	
Deck Rating (C.01): 5-FAIR CONDITION Rating Date: 1/28/2021	Comments: SPALL PATCH --(OTTINM, 01/29/2014) MANY LARGE PATCHES AND DELAMINATIONS --(MEYERM3, 01/28/2021)
Superstructure Rating (C.02): 6-SATISFACTORY CONDITION Rating Date: 5/18/2001	Comments: RUST @ DIAPH. --(OTTINM, 01/29/2014) MODERATE RUST ON TOP FLANGE, DETERIORATION IN DIAPHRAGMS AT EAST ABUT --(MEYERM3, 01/28/2021)
Substructure Rating (C.03): 7-GOOD CONDITION Rating Date: 5/18/2001	Comments: FEW CRACKS; LT RUST ON PILE; --(TRAMPA, 01/14/2019)
Culvert Rating (C.04): N-NOT APPLICABLE Rating Date: 5/18/2001	Comments:
Bridge Railing (C.05): 6-SATISFACTORY CONDITION Rating Date: 1/26/2009	Comments:
Transition Railing (C.06): 6-SATISFACTORY CONDITION Rating Date: 5/18/2001	Comments:
Bearings Rating (C.07): 5-FAIR CONDITION Rating Date: 1/9/2026	Comments:
Joints Rating (C.08): N-NOT APPLICABLE Rating Date: 1/9/2026	Comments:
Channel Rating (C.09): 7-GOOD CONDITION Rating Date: 5/18/2001	Comments:

Maintained by County: DENT	Class: STBR	Facility Carried: RT H E	Bridge Status: OPEN-NORST	Federal ID (L.01): 2237	Bridge #: A2588
Maintained by District: CD	Compass Direction: WEST TO EAST	Feature Intersected: DRY FK CR	Alias:	Year Built (W.01): 1970	Rehab #:

Channel Protection Rating (C.10): 7-GOOD CONDITION Rating Date: 5/18/2001	Comments: MINOR BRUSH --(OTTINM, 04/06/2015)
Scour Rating (C.11): 8-VERY GOOD CONDITION Rating Date: 5/18/2001 Scour Evaluation: OBSERVED	Comments: NO SCOUR 2014. --(OTTINM, 04/06/2015)
Fracture Critical Member (C.14): N-NOT APPLICABLE Rating Date: 1/9/2026	Comments:
Underwater Member (C.15): N-NOT APPLICABLE Rating Date: 1/9/2026	Comments:
Approach Alignment (AP.01): GOOD, NO SPEED REDUCTION Rating Date: 5/18/2001	Comments:
Overtopping Likelihood (AP.02): REMOTE-100 YRS OR MORE Rating Date: 5/18/2001	Comments:

INSPECTION PLANNING

Work Zone Type:	Typical Application:
Work Zone Note:	Access Note:

INITIAL INSPECTION

Inspection Type (IE.01):	Begin Date (IE.02):	RBI Method (IE.07):	Inspectors	Access and Inspection Equipment (IE.12)	
Inspection Category:	End Date (IE.03):	QC Date (ID.08):	Team Leader (IE.04):	Type	Equipment Name
Inspection Responsibility:	Next Due Date (IE.06):	QA Date (ID.09):	Inspector 2:		
Frequency (IE.05):	Data Entry Date (IE.10):	Submit SNBI:	Inspector 3:		
Inspection Note (IE.11):			Inspector 4:		
			Inspector 5:		
Inspection Comment:					

ROUTINE INSPECTION

Inspection Type (IE.01): ROUTINE	Begin Date (IE.02): 2/10/2026	RBI Method (IE.07): NBIS METHOD 1	Inspectors	Access and Inspection Equipment (IE.12)	
Inspection Category: GENERAL	End Date (IE.03): 2/10/2026	QC Date (ID.08):	Team Leader (IE.04): JOE GREEN	Type	Equipment Name
Inspection Responsibility: DISTRICT	Next Due Date (IE.06): 2/10/2028	QA Date (ID.09):	Inspector 2:		
Frequency (IE.05): 24	Data Entry Date (IE.10): 2/19/2026	Submit SNBI: YES	Inspector 3:		
Inspection Note (IE.11): A ROUTINE GENERAL INSPECTION WAS PERFORMED ON THE STRUCTURE.			Inspector 4:		
			Inspector 5:		
Inspection Comment:					

FRACTURE CRITICAL INSPECTION

Inspection Type (IE.01):	Begin Date (IE.02):	RBI Method (IE.07):	Inspectors	Access and Inspection Equipment (IE.12)	
Inspection Category:	End Date (IE.03):	QC Date (ID.08):	Team Leader (IE.04):	Type	Equipment Name
Inspection Responsibility:	Next Due Date (IE.06):	QA Date (ID.09):	Inspector 2:		
Frequency (IE.05):	Data Entry Date (IE.10):	Submit SNBI:	Inspector 3:		
Inspection Note (IE.11):			Inspector 4:		
			Inspector 5:		
Inspection Comment:					



Missouri Department of Transportation

Bridge Inventory and Inspection System

State Inspection Report

August 18, 2026

6:52:03am

Maintained by County: DENT

Maintained by District: CD

Class: STBR

Compass Direction: WEST TO EAST

Facility Carried: RT H E

Feature Intersected: DRY FK CR

Bridge Status: OPEN-NORST

Alias:

Federal ID (L.01): 2237

Year Built (W.01): 1970

Bridge #: A2588

Rehab #:

UNDERWATER INSPECTION

Inspection Type (IE.01): UNDERWATER

Inspection Category: DRY

Inspection Responsibility: DISTRICT

Frequency (IE.05): 60

Inspection Note (IE.11): AN UNDERWATER DRY INSPECTION WAS PERFORMED ON THE SUBSTRUCTURE UNITS WITHIN THE WATERWAY.

Inspection Comment:

Begin Date (IE.02): 2/10/2026

End Date (IE.03): 2/10/2026

Next Due Date (IE.06): 2/10/2031

Data Entry Date (IE.10): 2/19/2026

RBI Method (IE.07): NBIS METHOD 1

QC Date (ID.08):

QA Date (ID.09):

Submit SNBI: NO

Inspectors

Team Leader (IE.04):	JOE GREEN
Inspector 2:	
Inspector 3:	
Inspector 4:	
Lead Diver:	

Access and Inspection Equipment (IE.12)

Type	Equipment Name
INSPECTION	VISUAL OBSERVATION

IN-DEPTH INSPECTION

Inspection Type (IE.01):

Inspection Category:

Inspection Responsibility:

Frequency (IE.05):

Inspection Note (IE.11):

Inspection Comment:

Begin Date (IE.02):

End Date (IE.03):

Next Due Date (IE.06):

Data Entry Date (IE.10):

RBI Method (IE.07):

QC Date (ID.08):

QA Date (ID.09):

Submit SNBI:

Inspectors

Team Leader (IE.04):	
Inspector 2:	
Inspector 3:	
Inspector 4:	
Inspector 5:	

Access and Inspection Equipment (IE.12)

Type	Equipment Name

SPECIAL INSPECTION

Inspection Type (IE.01):

Inspection Category:

Inspection Responsibility:

Frequency (IE.05):

Inspection Note (IE.11):

Inspection Comment:

Begin Date (IE.02):

End Date (IE.03):

Next Due Date (IE.06):

Data Entry Date (IE.10):

RBI Method (IE.07):

QC Date (ID.08):

QA Date (ID.09):

Submit SNBI:

Inspectors

Team Leader (IE.04):	
Inspector 2:	
Inspector 3:	
Inspector 4:	
Inspector 5:	

Access and Inspection Equipment (IE.12)

Type	Equipment Name

DATA COLLECTION INSPECTION

Inspection Type (IE.01): DATA COLLECTION

Inspection Category: QUALITY ASSURANCE

Inspection Responsibility: BRIDGE DIVISION

Frequency (IE.05): 0

Inspection Note (IE.11): A DATA COLLECTION FIELD VISIT WAS DONE ON THIS STRUCTURE AS PART OF QUALITY CONTROL/QUALITY ASSURAN ACTIVITIES.

Inspection Comment: USING THE FIELD VERIFICATION MODEL (FVM) - AS A THIRD PARTY INSPECTOR, I TOOK THE PREVIOUS INSP REPORT II FIELD AND VERIFIED THOROUGHNESS OF REPORT WITH ASSIGNED CONDITION AND APPRAISAL RATINGS --(RAITHK, 04/10/2026)

Begin Date (IE.02): 4/8/2026

End Date (IE.03): 4/8/2026

Next Due Date (IE.06):

Data Entry Date (IE.10): 4/10/2026

RBI Method (IE.07): NOT APPLICABLE

QC Date (ID.08):

QA Date (ID.09):

Submit SNBI: YES

Inspectors

Team Leader (IE.04):	
Inspector 2:	DUSTIN PIERCE
Inspector 3:	KEVIN RAITHEL
Inspector 4:	
Inspector 5:	

Access and Inspection Equipment (IE.12)

Type	Equipment Name

Inspection Type (IE.01): DATA COLLECTION

Inspection Category: CHANNEL CROSS SECTIONS

Inspection Responsibility: DISTRICT

Frequency (IE.05): 120

Inspection Note (IE.11): A Data Collection field visit was done to update information on Channel Cross Sections.

Inspection Comment:

Begin Date (IE.02): 1/30/2024

End Date (IE.03): 1/30/2024

Next Due Date (IE.06): 1/30/2034

Data Entry Date (IE.10): 2/8/2024

RBI Method (IE.07): NOT APPLICABLE

QC Date (ID.08):

QA Date (ID.09):

Submit SNBI: NO

Inspectors

Team Leader (IE.04):	JOE GREEN
Inspector 2:	
Inspector 3:	
Inspector 4:	
Inspector 5:	

Access and Inspection Equipment (IE.12)

Type	Equipment Name
INSPECTION	WEIGHTED TAPE

Design_No = a2588

Page 4

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Missouri Department of Transportation

Bridge Inventory and Inspection System

State Inspection Report

August 18, 2026

6:52:03am

Maintained by County: DENT

Maintained by District: CD

Class: STBR

Compass Direction: WEST TO EAST

Facility Carried: RT H E

Feature Intersected: DRY FK CR

Bridge Status: OPEN-NORST

Alias:

Federal ID (L.01): 2237

Year Built (W.01): 1970

Bridge #: A2588

Rehab #:

DAMAGE INSPECTION

Inspection Type (IE.01):

Inspection Category:

Inspection Responsibility:

Frequency (IE.05):

Inspection Note (IE.11):

Inspection Comment:

Begin Date (IE.02):

End Date (IE.03):

Next Due Date (IE.06):

Data Entry Date (IE.10):

RBI Method (IE.07):

QC Date (ID.08):

QA Date (ID.09):

Submit SNBI:

Inspectors

Team Leader (IE.04):

Inspector 2:

Inspector 3:

Inspector 4:

Inspector 5:

Access and Inspection Equipment (IE.12)

Type

Equipment Name

SCOUR MONITORING INSPECTION

Inspection Type (IE.01):

Inspection Category:

Inspection Responsibility:

Frequency (IE.05):

Inspection Note (IE.11):

Inspection Comment:

Begin Date (IE.02):

End Date (IE.03):

Next Due Date (IE.06):

Data Entry Date (IE.10):

RBI Method (IE.07):

QC Date (ID.08):

QA Date (ID.09):

Submit SNBI:

Inspectors

Team Leader (IE.04):

Inspector 2:

Inspector 3:

Inspector 4:

Inspector 5:

Access and Inspection Equipment (IE.12)

Type

Equipment Name

OUTFALL INSPECTIONS

Outfall Inspection Required:

Outfalls Exist:

Inspection Date:

Inspection Type:

Inspection Category:

Inspection Responsibility:

Frequency:

Inspectors

Team Leader (IE.04):

Inspector 2:

Inspector 3:

Inspector 4:

Inspector 5:

Outfall Type

Outfall Status

Location Description

Outfall Notes

STIP PROGRAMMING INFORMATION

Project Number

Letting

Fiscal Year

Main Work Category

Secondary Work Category

Complete

Completion Year

STIP Project Description

RECOMMENDED STIP CONTRACT WORK

Recommended Project Type

Year

Date Entered

Recommended Project Description

Comment

HYDRO-DECK REPAIR

2015

4/6/2015

Do hydro-demolition of the entire deck and place a low slump concrete overlay.

HYDRO / PATCH EPO. --(OTTINM, 04/06/2015)

Design_No = a2588

Page 5

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	Missouri Department of Transportation Bridge Inventory and Inspection System State Inspection Report	August 18, 2026 6:52:03am
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	Missouri Department of Transportation Bridge Inventory and Inspection System State Inspection Report	August 18, 2026 6:52:03am
--	---	------------------------------

Bridge #: A2588

Rehab #:

RECOMMENDED MAINTENANCE WORK HISTORY										
Responsibility	Work Category	Work Location	Work Recommendation Description	Desired Date	Priority	Entry Date	Completed	Completed By	Completion Date	Comment
DISTRICT ROUTINE	DECK	ROADWAY SURFACE	SEAL DECK WITH IN DECK	10/2/2026	3-PREVIOUS CONVERTED WORK ITEM	11/28/2023	NO			
DISTRICT ROUTINE	SLOPE	SLOPE	CUT BRUSH & TREES	2/8/2024	3-PREVIOUS CONVERTED WORK ITEM	2/8/2024	NO			

RECOMMENDED MAINTENANCE WORK HISTORY										
Responsibility	Work Category	Work Location	Work Recommendation Description	Desired Date	Priority	Entry Date	Completed	Completed By	Completion Date	Comment
DISTRICT ROUTINE	DECK	ROADWAY SURFACE	SEAL DECK WITH IN DECK	10/2/2026	3-PREVIOUS CONVERTED WORK ITEM	11/28/2023	NO			
DISTRICT ROUTINE	SLOPE	SLOPE	CUT BRUSH & TREES	2/8/2024	3-PREVIOUS CONVERTED WORK ITEM	2/8/2024	NO			

Responsibility	Work Category	Work Location	Work Recommendation Description	Desired Date	Priority	Entry Date	Completed	Completed By	Completion Date	Comment
DISTRICT	BRIDGE APPROACH	APPROACH SLAB / WING	SEAL JOINTS - HOT POUR		MEDIUM	2/5/2002	YES	DISTRICT CREW	7/30/2002	
DISTRICT	BRIDGE DECK	ROADWAY SURFACE	SEAL - IRON MOUNTAIN CHIP		HIGH	11/4/2002	YES	DISTRICT CREW	7/16/2003	
DISTRICT ROUTINE	DECK	ROADWAY SURFACE	REM/REP LOOSE SEAL OR MAT		PREV/REACT	11/8/2006	YES	DISTRICT ROUTINE	9/6/2012	
DISTRICT	BRIDGE DECK	ROADWAY SURFACE	REPAIR CONCRETE>100 SF		HIGH	11/8/2006	YES	DISTRICT CREW	10/11/2007	
DISTRICT ROUTINE	DECK	ROADWAY SURFACE	REPAIR CONCRETE>100 SF		PREV/REACT	11/4/2010	YES	DISTRICT ROUTINE	9/6/2012	
DISTRICT SPECIAL	DECK	ROADWAY SURFACE	SEAL DECK WITH IN DECK		PREV/REACT	6/1/2012	YES	7DB1	7/11/2016	
DISTRICT ROUTINE	DECK	ROADWAY SURFACE	REPAIR CONCRETE>1000 SF		PREV/REACT	1/8/2014	YES	DISTRICT SPECIAL CREW	6/21/2023	
DISTRICT SPECIAL	DECK	ROADWAY SURFACE	SEAL DECK WITH IN DECK		PREV/REACT	7/11/2019	YES	DISTRICT SPECIAL CREW	10/2/2023	
DISTRICT ROUTINE	DECK	ROADWAY SURFACE	CLEAN AND FLUSH		PREV/REACT	5/14/2014	YES	DISTRICT ROUTINE	5/15/2014	

Responsibility	Work Category	Work Location	Work Recommendation Description	Desired Date	Priority	Entry Date	Completed	Completed By	Completion Date	Comment
DISTRICT	BRIDGE APPROACH	APPROACH SLAB / WING	SEAL JOINTS - HOT POUR		MEDIUM	2/5/2002	YES	DISTRICT CREW	7/30/2002	
DISTRICT	BRIDGE DECK	ROADWAY SURFACE	SEAL - IRON MOUNTAIN CHIP		HIGH	11/4/2002	YES	DISTRICT CREW	7/16/2003	
DISTRICT ROUTINE	DECK	ROADWAY SURFACE	REM/REP LOOSE SEAL OR MAT		PREV/REACT	11/8/2006	YES	DISTRICT ROUTINE	9/6/2012	
DISTRICT	BRIDGE DECK	ROADWAY SURFACE	REPAIR CONCRETE>100 SF		HIGH	11/8/2006	YES	DISTRICT CREW	10/11/2007	
DISTRICT ROUTINE	DECK	ROADWAY SURFACE	REPAIR CONCRETE>100 SF		PREV/REACT	11/4/2010	YES	DISTRICT ROUTINE	9/6/2012	
DISTRICT SPECIAL	DECK	ROADWAY SURFACE	SEAL DECK WITH IN DECK		PREV/REACT	6/1/2012	YES	7DB1	7/11/2016	
DISTRICT ROUTINE	DECK	ROADWAY SURFACE	REPAIR CONCRETE>1000 SF		PREV/REACT	1/8/2014	YES	DISTRICT SPECIAL CREW	6/21/2023	
DISTRICT SPECIAL	DECK	ROADWAY SURFACE	SEAL DECK WITH IN DECK		PREV/REACT	7/11/2019	YES	DISTRICT SPECIAL CREW	10/2/2023	
DISTRICT ROUTINE	DECK	ROADWAY SURFACE	CLEAN AND FLUSH		PREV/REACT	5/14/2014	YES	DISTRICT ROUTINE	5/15/2014	

[illegible][illegible]

PAINT INFORMATION									
Overall Condition: GOOD		Rust Rating: 9=.03% OF SURFACE RUSTED				Steel Tonnage: 51.0			
Paint Category	Paint Type Code	Paint Long Name	Paint Manufacturer	Paint Color	Year Applied	Thickness (Mils)	Surface Preparation	Level of Painting/Location	Comment
DEPARTMENT	C SYSTEM	INORGANIC ZINC/VINYL		ALUMINUM	1992	7			

PAINT INFORMATION									
Overall Condition: GOOD		Rust Rating: 9=.03% OF SURFACE RUSTED				Steel Tonnage: 51.0			
Paint Category	Paint Type Code	Paint Long Name	Paint Manufacturer	Paint Color	Year Applied	Thickness (Mils)	Surface Preparation	Level of Painting/Location	Comment
DEPARTMENT	C SYSTEM	INORGANIC ZINC/VINYL		ALUMINUM	1992	7			

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Page 6

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Class: STBR

Facility Carried: RT H E

Bridge Status: OPEN-NORST

Federal ID (L.01): 2237

Bridge #: A2588

Maintained by District: CD

Compass Direction: WEST TO EAST

Feature Intersected: DRY FK CR

Alias:

Year Built (W.01): 1970

Rehab #:

HIGHWAY FEATURES ABOVE BRIDGE						
Feature Type (F.01)	Feature Name (F.03)	# Lanes (H.08)	Primary Route	Vertical Clearance		
			Type (RT.04) - Number (RT.02) - Direction (RT.03)	Measurement Type	Date	Value (H.13)

HIGHWAY FEATURES BELOW BRIDGE												
Feature Type (F.01)Feature Name (F.03)# Lanes (H.08)			Primary Route	Vertical Clearance			Left Horizontal Clearance (Median)			Right Horizontal Clearance		
			Type (RT.04) - Number (RT.02) - Direction (RT.03)	Measurement Type	Date	Value (H.13)	Measurement Type	Date	Value (H.14)	Measurement Type	Date	Value (H.15)

CLEARANCE RECORDS FOR RAILROADS BELOW BRIDGE					
Feature (F.01)	Feature Classification	Feature Name	Railroad Service Type (RR.01)	Railroad Minimum Vertical Clearance (RR.02)	Railroad Minimum Horizontal Offset (RR.03)

NAVIGABLE WATERWAY INFORMATION							
Feature (F.01)	Navigable Waterway (N.01)	Feature Name	Nav Min Vertical Clearance (N.02)	Movable Bridge Max Vertical Clearance (N.03)	Nav Channel Width (N.04)	Nav Channel Min Horizontal Clearance (N.05)	Substructure Nav Protection (N.06)

		Missouri Department of Transportation Bridge Inventory and Inspection System State Inspection Report				August 18, 2026 6:52:03am		
Maintained by County: DENT		Class: STBR	Facility Carried: RT H E		Bridge Status: OPEN-NORST		Federal ID (L.01): 2237	Bridge #: A2588
Maintained by District: CD		Compass Direction: WEST TO EAST	Feature Intersected: DRY FK CR		Alias:		Year Built (W.01): 1970	Rehab #:
SPAN 1 COMPONENT CONDITION AND ELEMENT CONDITION STATES								
APPROACH PAVEMENT, RAIL END TREATMENT, APPROACH RAIL, TRANSITION RAIL, BRIDGE RAILING, AND DRAINAGE COMPONENTS								
Associated Span: SPAN 1		Material: ASPHALT		Overall Condition:		Component Comment:		
Component Type: APPROACH PAVEMENT		Construction: BITUMINOUS MAT		Direction: BOTH				
Condition Comment:								
Associated Span: SPAN 1		Material: ALUMINUM		Overall Condition:		Component Comment:		
Component Type: BRIDGE RAILING		Construction: CIRCULAR TUBE		Direction: BOTH				
Crash Test Level:		Crash Test Height:	Field Measured Height:	Substandard:				
Condition Comment:								
Associated Span: SPAN 1		Material: REINFORCED CONCRETE		Overall Condition:		Component Comment:		
Component Type: BRIDGE RAILING		Construction: CURB		Direction: BOTH				
Crash Test Level:		Crash Test Height:	Field Measured Height:	Substandard:				
Condition Comment:								
Associated Span: SPAN 1		Material: REINFORCED CONCRETE		Overall Condition:		Component Comment:		
Component Type: BRIDGE RAILING		Construction: PARAPET		Direction: BOTH				
Crash Test Level:		Crash Test Height:	Field Measured Height:	Substandard:				
Condition Comment:								
Associated Span: SPAN 1		Material: REINFORCED CONCRETE		Overall Condition:		Component Comment:		
Component Type: DRAINAGE		Construction: CURB OUTLET		Direction:				
Condition Comment:								
Design_No = a2588								
Page 8								
This report contains information that is protected from disclosure by federal law, 23 USC Section 407 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.								

Maintained by County: DENT

Class: STBR

Facility Carried: RT H E

Bridge Status: OPEN-NORST

Federal ID (L.01): 2237

Bridge #: A2588

Maintained by District: CD

Compass Direction: WEST TO EAST

Feature Intersected: DRY FK CR

Alias:

Year Built (W.01): 1970

Rehab #:

SUPERSTRUCTURE COMPONENTS									
Series Order		Label	Type	# Spans	# Bean Lines	Continuity	Related Series	Protective Coating	Series Component Comment:
Series Information:	1		MAIN SPAN	3		CONTINUOUS		COATING-PAINT	
Span Order	Component Type	Label	Material			Construction		Length	Span Component Comment:
1	MAIN SPAN		STEEL - ROLLED SHAPES			WIDE FLANGE GIRDERS SPRD		59' - 0"	
Condition Comments: MINOR-RUSTING-BOTTFLANGE__02/16/22, GREENA2 MINOR-SPALLS-DIAPHRAGMS__01/29/14, OTTINM__SMALL SPALLS AT GIRDER ENCASEMENT. MINOR-RUSTING-TOPFLANGE__04/06/15, OTTINM FEW-VERTCRACKS-GDRENCASMT__01/28/21, MEYERM3 --(BMSCONV, 01/09/2026)									

DECK COMPONENT				
Associated Span: SPAN 1		Form Type: NONE	Deck Protective System: NONE	Deck Component Comment:
Component Type: DECK		Material: REINFORCED CONCRETE	Reinforcing Protective System: NONE	
Deck Interaction: COMPOSITE-UNSHORED CONSTR		Construction: CAST-IN-PLACE		
Condition Comment:				

WEARING SURFACE COMPONENT			
Associated Span: SPAN 1	Material: ASPHALT	Overall Condition: POOR	Wearing Surface Component Comment: APPLIED IN 97. SEVERAL PATCHES --(WILSOT2, 02/09/2011)
Component Type: WEARING SURFACE	Construction: BITUMINOUS SEAL COAT		
Condition Comment:			

MISCELLANEOUS COMPONENTS			
Associated Span:	Material:	Overall Condition:	Component Comment:
Component Type:	Construction:		
Condition Comment:			

Maintained by County: DENT	Class: STBR	Facility Carried: RT H E	Bridge Status: OPEN-NORST	Federal ID (L.01): 2237	Bridge #: A2588
Maintained by District: CD	Compass Direction: WEST TO EAST	Feature Intersected: DRY FK CR	Alias:	Year Built (W.01): 1970	Rehab #:
BANK PROTECTION AND SLOPE PROTECTION COMPONENTS					
Associated Span: SPAN 1	Material: ROCK	Overall Condition:	Component Comment:		
Component Type: BANK PROTECTION	Construction: GROUTED	Direction: BOTH			
Condition Comment:					

SUBSTRUCTURE COMPONENTS			
Associated Span: SPAN 1	Compoment Type: ABUTMENT	Related Substructure:	Sub Protective System:
Substructure Order: 1	Material: REINFORCED CONCRETE CIP	Skew: 0	Foundation Support:
Label:	Construction: ABUT - INTEGRAL	Skew Direction:	Foundation Protective System:
Substructure Component Comment:			
Condition Comment:			

Maintained by County: DENTClass: STBRFacility Carried: RT H EBridge Status: OPEN-NORSTFederal ID (L.01): 2237Bridge #: A2588

Maintained by District: CDCompass Direction: WEST TO EASTFeature Intersected: DRY FK CRAlias:Year Built (W.01): 1970Rehab #:

ASSOCIATED SUBSTRUCTURE COMPONENTS			
Associated Substructure: ABUTMENT 1 Component Type: BEAM CAP		Material: REINFORCED CONCRETE Construction: CAST-IN-PLACE	Overall Condition: Component Comment:
Condition Comment:			
Associated Substructure: ABUTMENT 1 Component Type: TURNED BACK WINGS		Material: REINFORCED CONCRETE Construction: CAST-IN-PLACE	Overall Condition: Component Comment:
Condition Comment:			
Associated Substructure: ABUTMENT 1 Component Type: PILING		Material: STEEL Construction: H-SHAPE	Overall Condition: Component Comment:
Condition Comment:			

Maintained by County: DENT	Class: STBR	Facility Carried: RT H E	Bridge Status: OPEN-NORST	Federal ID (L.01): 2237	Bridge #: A2588
Maintained by District: CD	Compass Direction: WEST TO EAST	Feature Intersected: DRY FK CR	Alias:	Year Built (W.01): 1970	Rehab #:

SPAN 2

COMPONENT CONDITION AND ELEMENT CONDITION STATES

APPROACH PAVEMENT, RAIL END TREATMENT, APPROACH RAIL, TRANSITION RAIL, BRIDGE RAILING, AND DRAINAGE COMPONENTS						
Associated Span: SPAN 2		Material: ALUMINUM		Overall Condition:		Component Comment:
Component Type: BRIDGE RAILING		Construction: CIRCULAR TUBE		Direction:		
Crash Test Level:		Crash Test Height:		Field Measured Height:		
				Substandard:		
Condition Comment:						
Associated Span: SPAN 2		Material: REINFORCED CONCRETE		Overall Condition:		Component Comment:
Component Type: BRIDGE RAILING		Construction: CURB		Direction:		
Crash Test Level:		Crash Test Height:		Field Measured Height:		
				Substandard:		
Condition Comment:						
Associated Span: SPAN 2		Material: REINFORCED CONCRETE		Overall Condition:		Component Comment:
Component Type: BRIDGE RAILING		Construction: PARAPET		Direction:		
Crash Test Level:		Crash Test Height:		Field Measured Height:		
				Substandard:		
Condition Comment:						
Associated Span: SPAN 2		Material: REINFORCED CONCRETE		Overall Condition:		Component Comment:
Component Type: DRAINAGE		Construction: CURB OUTLET		Direction:		
Condition Comment:						

		Missouri Department of Transportation Bridge Inventory and Inspection System State Inspection Report				August 18, 2026 6:52:03am					
Maintained by County: DENT		Class: STBR		Facility Carried: RT H E		Bridge Status: OPEN-NORST		Federal ID (L.01): 2237		Bridge #: A2588	
Maintained by District: CD		Compass Direction: WEST TO EAST		Feature Intersected: DRY FK CR		Alias:		Year Built (W.01): 1970		Rehab #:	
SUPERSTRUCTURE COMPONENTS											
Series Order		Label	Type	# Spans	# Bean Lines	Continuity	Related Series	Protective Coating	Series Component Comment:		
Series Information:		1	MAIN SPAN	3		CONTINUOUS		COATING-PAINT			
Span Order	Component Type	Label		Material		Construction		Length	Span Component Comment:		
2	MAIN SPAN			STEEL - ROLLED SHAPES		WIDE FLANGE GIRDERS SPRD		76' - 0"			
Condition Comments: MINOR-RUSTING-TOPFLANGE__04/06/15, OTTINM --(BMSCONV, 01/09/2026)											
DECK COMPONENT											
Associated Span: SPAN 2		Form Type: NONE		Deck Protective System: NONE				Deck Component Comment:			
Component Type: DECK		Material: REINFORCED CONCRETE		Reinforcing Protective System: NONE							
Deck Interaction: COMPOSITE-UNSHORED CONSTR		Construction: CAST-IN-PLACE									
Condition Comment:											
WEARING SURFACE COMPONENT											
Associated Span: SPAN 2		Material: ASPHALT				Overall Condition: POOR		Wearing Surface Component Comment: APPLIED IN 97. SEVERAL PATCHES --(WILSOT2, 02/09/2011)			
Component Type: WEARING SURFACE		Construction: BITUMINOUS SEAL COAT									
Condition Comment:											
MISCELLANEOUS COMPONENTS											
Associated Span:		Material:				Overall Condition:		Component Comment:			
Component Type:		Construction:									
Condition Comment:											
Design_No = a2588											
Page 13											
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Maintained by County:	DENT	Class:	STBR	Facility Carried:	RT H E	Bridge Status:	OPEN-NORST	Federal ID (L.01):	2237	Bridge #:	A2588
Maintained by District:	CD	Compass Direction:	WEST TO EAST	Feature Intersected:	DRY FK CR	Alias:		Year Built (W.01):	1970	Rehab #:	
BANK PROTECTION AND SLOPE PROTECTION COMPONENTS											
Associated Span:		Material:		Overall Condition:			Component Comment:				
Component Type:		Construction:		Direction:							
Condition Comment:											

SUBSTRUCTURE COMPONENTS											
Associated Span:		Component Type:		Related Substructure:			Sub Protective System:				
Substructure Order:		Material:		Skew:			Foundation Support:				
Label:		Construction:		Skew Direction:			Foundation Protective System:				
Substructure Component Comment:											
Condition Comment:											

Maintained by County: DENTClass: STBRFacility Carried: RT H EBridge Status: OPEN-NORSTFederal ID (L.01): 2237Bridge #: A2588

Maintained by District: CDCompass Direction: WEST TO EASTFeature Intersected: DRY FK CRAlias:Year Built (W.01): 1970Rehab #:

ASSOCIATED SUBSTRUCTURE COMPONENTS			
Associated Substructure: BENT 2	Material: STEEL	Overall Condition: GOOD	Component Comment:
Component Type: FIXED BEARING	Construction: PEDESTAL		
Condition Comment:			
Associated Substructure: BENT 2	Material: REINFORCED CONCRETE	Overall Condition:	Component Comment:
Component Type: BEAM CAP	Construction: CAST-IN-PLACE		
Condition Comment:			
Associated Substructure: BENT 2	Material: STEEL	Overall Condition:	Component Comment:
Component Type: PILING	Construction: H-SHAPE		
Condition Comment: MINOR-RUSTING-GROUNDLINE__04/06/15, OTTINM AT BENT-LOCALSCOUR-GROUNDLINE__02/16/22, GREENA2 --(BMSCONV, 01/09/2026) SCOUR REPAIRED IN 2026. --(GREENA2, 02/19/2026)			
Associated Substructure: BENT 2	Material: STEEL	Overall Condition:	Component Comment:
Component Type: CROSS BRACING	Construction: ANGLE		
Condition Comment:			

Maintained by County: DENT

Class: STBR

Facility Carried: RT H E

Bridge Status: OPEN-NORST

Federal ID (L.01): 2237

Bridge #: A2588

Maintained by District: CD

Compass Direction: WEST TO EAST

Feature Intersected: DRY FK CR

Alias:

Year Built (W.01): 1970

Rehab #:

SPAN 3

COMPONENT CONDITION AND ELEMENT CONDITION STATES

APPROACH PAVEMENT, RAIL END TREATMENT, APPROACH RAIL, TRANSITION RAIL, BRIDGE RAILING, AND DRAINAGE COMPONENTS						
Associated Span: SPAN 3		Material: ASPHALT		Overall Condition:		Component Comment:
Component Type: APPROACH PAVEMENT		Construction: BITUMINOUS MAT		Direction:		
Condition Comment:						
Associated Span: SPAN 3		Material: ALUMINUM		Overall Condition:		Component Comment:
Component Type: BRIDGE RAILING		Construction: CIRCULAR TUBE		Direction:		
Crash Test Level:	Crash Test Height:	Field Measured Height:	Substandard:			
Condition Comment:						
Associated Span: SPAN 3		Material: REINFORCED CONCRETE		Overall Condition:		Component Comment:
Component Type: BRIDGE RAILING		Construction: CURB		Direction:		
Crash Test Level:	Crash Test Height:	Field Measured Height:	Substandard:			
Condition Comment:						
Associated Span: SPAN 3		Material: REINFORCED CONCRETE		Overall Condition:		Component Comment:
Component Type: BRIDGE RAILING		Construction: PARAPET		Direction:		
Crash Test Level:	Crash Test Height:	Field Measured Height:	Substandard:			
Condition Comment:						
Associated Span: SPAN 3		Material: REINFORCED CONCRETE		Overall Condition:		Component Comment:
Component Type: DRAINAGE		Construction: CURB OUTLET		Direction:		
Condition Comment:						

Maintained by County: DENT

Class: STBR

Facility Carried: RT H E

Bridge Status: OPEN-NORST

Federal ID (L.01): 2237

Bridge #: A2588

Maintained by District: CD

Compass Direction: WEST TO EAST

Feature Intersected: DRY FK CR

Alias:

Year Built (W.01): 1970

Rehab #:

SUPERSTRUCTURE COMPONENTS										
Series Information:		Series Order	Label	Type	# Spans	# Bean Lines	Continuity	Related Series	Protective Coating	Series Component Comment:
		1		MAIN SPAN	3		CONTINUOUS		COATING-PAINT	
Span Order	Component Type	Label		Material		Construction		Length		Span Component Comment:
3	MAIN SPAN			STEEL - ROLLED SHAPES		WIDE FLANGE GIRDERS SPRD		59' - 0"		
Condition Comments: MODERATE-RUSTING-BOTTFLANGE__01/29/14, OTTINM MODERATE-DELAMINAT-DIAPHRAGMS__01/30/17, STEGEC__LARGE, TO STEEL AT GIRDER 3 AND GIRDER 2 SHOWING SIGNS OF WATER AT GIRDERS MODERATE-RUSTING-TOPFLANGE__01/28/21, MEYERM3 MODERATE-DETERIORAT-DIAPHRAGMS__01/28/21, MEYERM3 LARGE-SPALLS-DIAPHRAGMS__02/08/24, GREENA2__WITH STEEL EXPOSED AT ABUTMENT. --(BMSCONV, 01/09/2026)										

DECK COMPONENT				
Associated Span: SPAN 3		Form Type: NONE	Deck Protective System: NONE	Deck Component Comment:
Component Type: DECK		Material: REINFORCED CONCRETE	Reinforcing Protective System: NONE	
Deck Interaction: COMPOSITE-UNSHORED CONSTR		Construction: CAST-IN-PLACE		
Condition Comment:				

WEARING SURFACE COMPONENT			
Associated Span: SPAN 3	Material: ASPHALT	Overall Condition: POOR	Wearing Surface Component Comment: APPLIED IN 97. SEVERAL PATCHES --(WILSOT2, 02/09/2011)
Component Type: WEARING SURFACE	Construction: BITUMINOUS SEAL COAT		
Condition Comment:			

		Missouri Department of Transportation Bridge Inventory and Inspection System State Inspection Report				August 18, 2026 6:52:03am		
Maintained by County: DENT		Class: STBR	Facility Carried: RT H E		Bridge Status: OPEN-NORST		Federal ID (L.01): 2237	Bridge #: A2588
Maintained by District: CD		Compass Direction: WEST TO EAST	Feature Intersected: DRY FK CR		Alias:		Year Built (W.01): 1970	Rehab #:
MISCELLANEOUS COMPONENTS								
Associated Span:		Material:		Overall Condition:		Component Comment:		
Component Type:		Construction:						
Condition Comment:								
BANK PROTECTION AND SLOPE PROTECTION COMPONENTS								
Associated Span: SPAN 3		Material: ROCK		Overall Condition:		Component Comment:		
Component Type: BANK PROTECTION		Construction: GROUTED		Direction:				
Condition Comment:								
SUBSTRUCTURE COMPONENTS								
Associated Span: SPAN 3		Compoment Type: BENT		Related Substructure:		Sub Protective System:		
Substructure Order: 3		Material: REINFORCED CONCRETE CIP		Skew: 0		Foundation Support:		
Label:		Construction: BENT - PILE CAP		Skew Direction:		Foundation Protective System:		
Substructure Component Comment:								
Condition Comment:								
Associated Span: SPAN 3		Compoment Type: ABUTMENT		Related Substructure:		Sub Protective System:		
Substructure Order: 4		Material: REINFORCED CONCRETE CIP		Skew: 0		Foundation Support:		
Label:		Construction: ABUT - INTEGRAL		Skew Direction:		Foundation Protective System:		
Substructure Component Comment:								
Condition Comment:								
Design_No = a2588								
Page 18								
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Maintained by County: DENTClass: STBRFacility Carried: RT H EBridge Status: OPEN-NORSTFederal ID (L.01): 2237Bridge #: A2588

Maintained by District: CDCompass Direction: WEST TO EASTFeature Intersected: DRY FK CRAlias:Year Built (W.01): 1970Rehab #:

ASSOCIATED SUBSTRUCTURE COMPONENTS			
Associated Substructure: BENT 3 Component Type: FIXED BEARING		Material: STEEL Construction: PEDESTAL	Overall Condition: Component Comment:
Condition Comment:			
Associated Substructure: BENT 3 Component Type: BEAM CAP		Material: REINFORCED CONCRETE Construction: CAST-IN-PLACE	Overall Condition: Component Comment:
Condition Comment:			
Associated Substructure: BENT 3 Component Type: PILING		Material: STEEL Construction: H-SHAPE	Overall Condition: Component Comment:
Condition Comment:			
Associated Substructure: BENT 3 Component Type: CROSS BRACING		Material: STEEL Construction: ANGLE	Overall Condition: Component Comment:
Condition Comment:			
Associated Substructure: ABUTMENT 4 Component Type: BEAM CAP		Material: REINFORCED CONCRETE Construction: CAST-IN-PLACE	Overall Condition: Component Comment:
Condition Comment: MINOR-DETERIORAT-ENDS__01/28/21, MEYERM3 --(BMSCONV, 01/09/2026)			

Maintained by County: DENT		Class: STBR		Facility Carried: RT H E		Bridge Status: OPEN-NORST		Federal ID (L.01): 2237		Bridge #: A2588	
Maintained by District: CD		Compass Direction: WEST TO EAST		Feature Intersected: DRY FK CR		Alias:		Year Built (W.01): 1970		Rehab #:	
Associated Substructure: ABUTMENT 4		Material: REINFORCED CONCRETE		Overall Condition:		Component Comment:					
Component Type: TURNED BACK WINGS		Construction: CAST-IN-PLACE									
Condition Comment:											
Associated Substructure: ABUTMENT 4		Material: STEEL		Overall Condition:		Component Comment:					
Component Type: PILING		Construction: H-SHAPE									
Condition Comment:											



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

August 18, 2026
7:08:21am

COUNTY : DENT BRIDGE : A2588 REVIEW STATUS : CONVERTED NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 1/6/2026 SUBMITTAL YEAR : 2026

GENERAL STRUCTURE INFORMATION			ROUTE DESIGNATION INFORMATION		
1	State	MISSOURI	5A	Record Type	ROUTE CARRIED 'ON' STRUCT
2	District	CD	5B	Route Signing Prefix	MO
3	County	DENT	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	2237	5D	Route Number	0000H
27	Year Built	1970	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	RT H 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	07-RURAL MAJOR COLLECTOR
101	Parallel Struc Desg	NONE EXISTS	28A	Lanes on Structure	02
103	Temporary Structure	NOT TEMPORARY	100	STRAHNET Designation	RTE NOT A DEFENSE HWY
112	NBIS Bridge Length	YES	104	National Highway System	NOT ON NHS
			105	Federal Lands Highway	NOT APPLICABLE
			110	Designated Nat. Network	NO
STRUCTURE LOCATION INFORMATION			STRUCTURE TRAFFIC INFORMATION		
4	Place	WATKINS	29	AADT	773
	Code	77830	30	AADT Year	2024
9	Location	S 24 T 34 N R 7 W	102	Direction of Traffic	2-WAY TRAFFIC
11	Milepoint	13.97 miles	109	AADT Truck Percent	11%
16	Latitude	37 D 38 M 6 S	114	Future AADT	1082
17	Longitude	91 D 39 M 36 S	115	Future AADT Year	2044
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	DRY FK CR	10	Inventory Rte. Vert. Clear	99 Ft. 99 In.
42B	Type of Service Under	WATERWAY	19	By pass Detour Length	29.38 miles
28B	Lanes Under Structure	00	32	Approach Roadway Width	20 Ft. 12 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	27 Ft. 11 In.
55B	Rt. Lat Clearance	0 Ft. 0 In.	48	Maximum Span Length	76 Ft. 1 In.
56	Left Lat Clearance	0 Ft. 0 In.	49	Structure Length	193 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	27 Ft. 11 In.
111	Nav. Pier Protection		52	Deck Width (Out-Out)	30 Ft. 10 In.
116	Nav. Cl. Vert. Clear		53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = a2588



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

August 18, 2026
7:08:21am

COUNTY : DENT BRIDGE : A2588 REVIEW STATUS : CONVERTED NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 1/6/2026 SUBMITTAL YEAR : 2026

LOAD RATING AND POSTING INFORMATION			MATERIAL/CONSTRUCTION INFORMATION		
31	Design Load	H 15	43A	Main Struc. Mat type	STEEL CONTINUOUS
41	Structure Status	OPEN NO RESTRICTIONS	43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD
63	Oper. Rating Meth.	ALLOWABLE STRESS	45	# of Main Spans	3
64	Operating Rating	31 Tons.	44A	Appr Struc. Mat type	000
65	Inventory Rating Meth	ALLOWABLE STRESS	44B	Appr Struc. Cnstr. type	000
66	Inventory Rating	19 Tons.	46	# of Approach Span	0
70	Bridge Posting Code	=>LEGAL LOADS	107	Deck Mat/Constr.	1 CONCRETE CIP
PROPOSED IMPROVEMENT INFORMATION			108A	Wear Surf Mat/Constr.	6 BITUMINOUS
Sufficiency Rating 63.3 Percent			108B	Membrane Mat/Constr.	0 NONE
Deficiency Rating NOT DEFICIENT			108C	Deck Protect Mat/Constr.	0 NONE
Funding Eligibility			CONDITION RATING INFORMATION		
75A	Proposed Work		58	Deck Cond. Rating	5
75B	Work Done By		59	Superstructure Cond. Rating	6
76	New Struc Length	0 Ft. 0 In.	60	Substructure Cond. Rating	7
94	Struc Improve Cost	\$ 0,000	61	Channel /Channel Protection Cond. Rating	7
95	Roadway Improve Cost	\$ 0,000	62	Culvert Cond. Rating	N
96	Total Project Cost	\$ 0,000	INSPECTION INFORMATION		
97	Year of Cost Estimates	0	90	Gen. Insp Date	1 / 24
APPRAISAL RATING INFORMATION			91	Gen. Insp. Frequency	24 Months
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND	92A	Frac. Critical Inspection	N Months
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND	93A	Frac. Critical Insp. Date	
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND	92B	Underwater Inspection	N Months
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND	93B	Underwater Insp. Date	
67	Struc Eval App. Rating	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-1			Field Posting Category S-1		
Ton1 Ton2 Ton3			Ton1 Ton2 Ton3		
Tonnage Values for Posting Sign			Tonnage Values for Posting Sign		
General Text for Posting Sign			General Text for Posting Sign		
NO POSTING REQUIRED			NO POSTING REQUIRED		

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