

STRUCTURAL REHABILITATION CHECKLIST

Bridge No.:	A4408	Job No.:	JCD0240
Route:	32	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: _____
- * Existing overlay thickness: _____ "
- * Year overlay was applied: _____ ☒ Unknown
- * % of overlay repaired or patched: _____ %
- * Replace overlay: ☒ Yes ☐ No
- * Notes: Overlay; Cores will be taken to check depth of asphalt. Can't see concrete below the asphalt.

Picture #

2A

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

- * Half-sole repairs: 100 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)
- * 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:

(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 & Fill approaches to match new 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 20 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 15 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: Repair bottom of Safety Barrier curb along with overlay.

Picture #

6

EXPANSION DEVICES

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

* Notes:

Picture #

7

BEARINGS

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

* Notes: None

Picture # (Provide Pictures of Each Bearing)

8

COATING SYSTEM (PAINT)

* Existing coating system: ☐ green ☐ gray ☐ other

* Date last coated:

* 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: None

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>20</u> sq. ft.	☐ Yes ☐ No	☐ Yes ☐ No	<u>Wingwall/backwall</u>
<u>2</u>	_____ sq. ft.	_____ sq. ft.	☐ Yes ☐ No	☒ Yes ☐ No	<u>at ground line</u>
<u>3</u>	_____ sq. ft.	_____ sq. ft.	☐ Yes ☐ No	☒ Yes ☐ No	<u>at ground line</u>
<u>4</u>	_____ sq. ft.	<u>20</u> sq. ft.	☐ Yes ☐ No	☐ Yes ☐ No	<u>Wingwall/backwall</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: _____ _____	

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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 #

[illegible]

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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 #

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MAINTENANCE

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

2019 - Seal Deck with InDeck

2014 - Seal joints

2002 - Repair Erosion

Picture #

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ADDITIONAL FIELD NOTES

Picture #

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STAGING / DETOUR

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

* **Define probable detour route.** _____

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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>

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REQUIRED SIGNATURES

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

Name	<u>Maria Peters</u>	Date	<u>8/20/2026</u>
	<i>Transportation Project Manager</i>		
Name	<u>Derek Lepper</u>	Date	<u>8/20/2026</u>
	<i>District Bridge Engineer</i>		

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

Deck W-E



South Profile



Abut 1



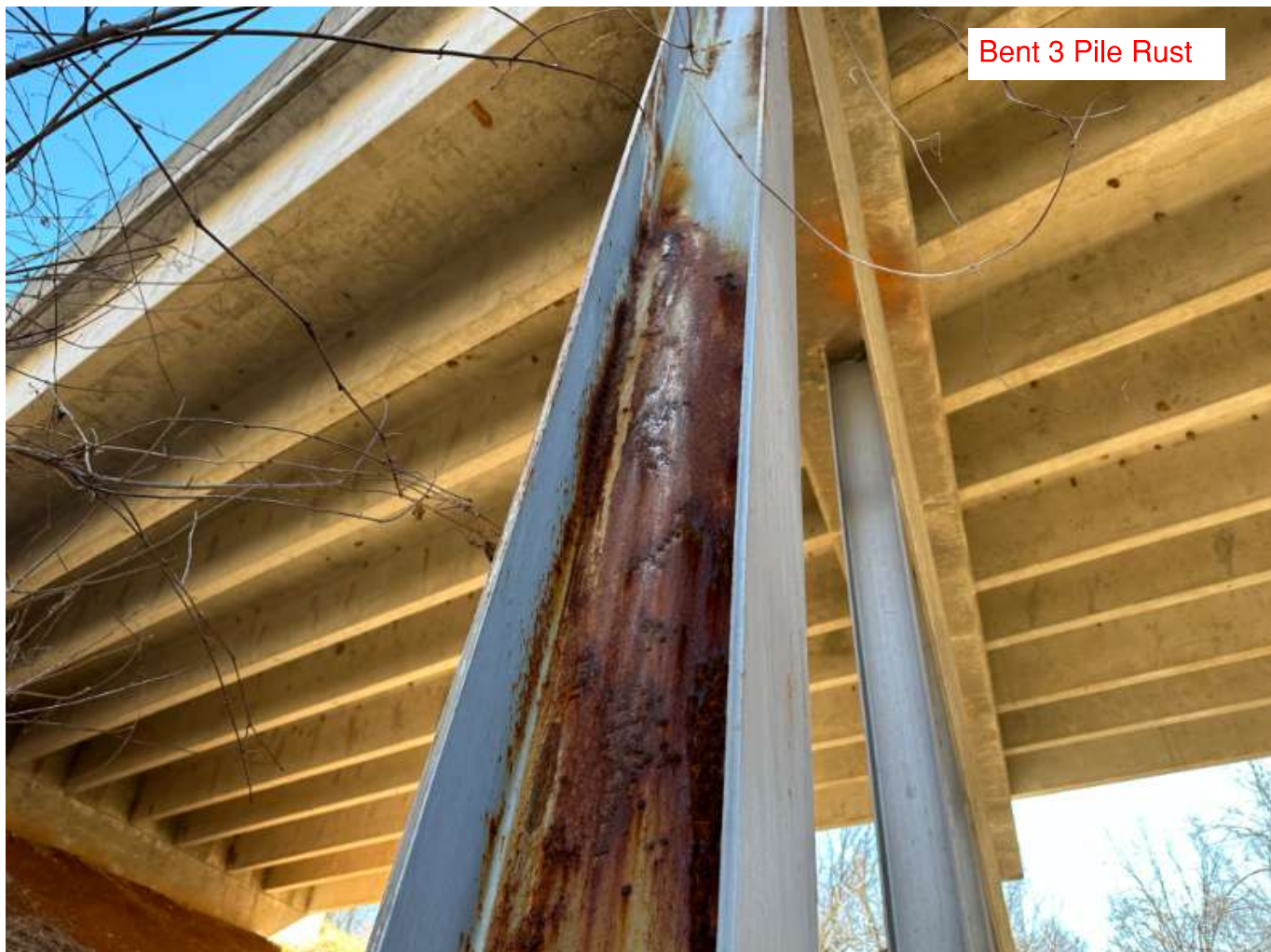
Bent 2



Bent 3



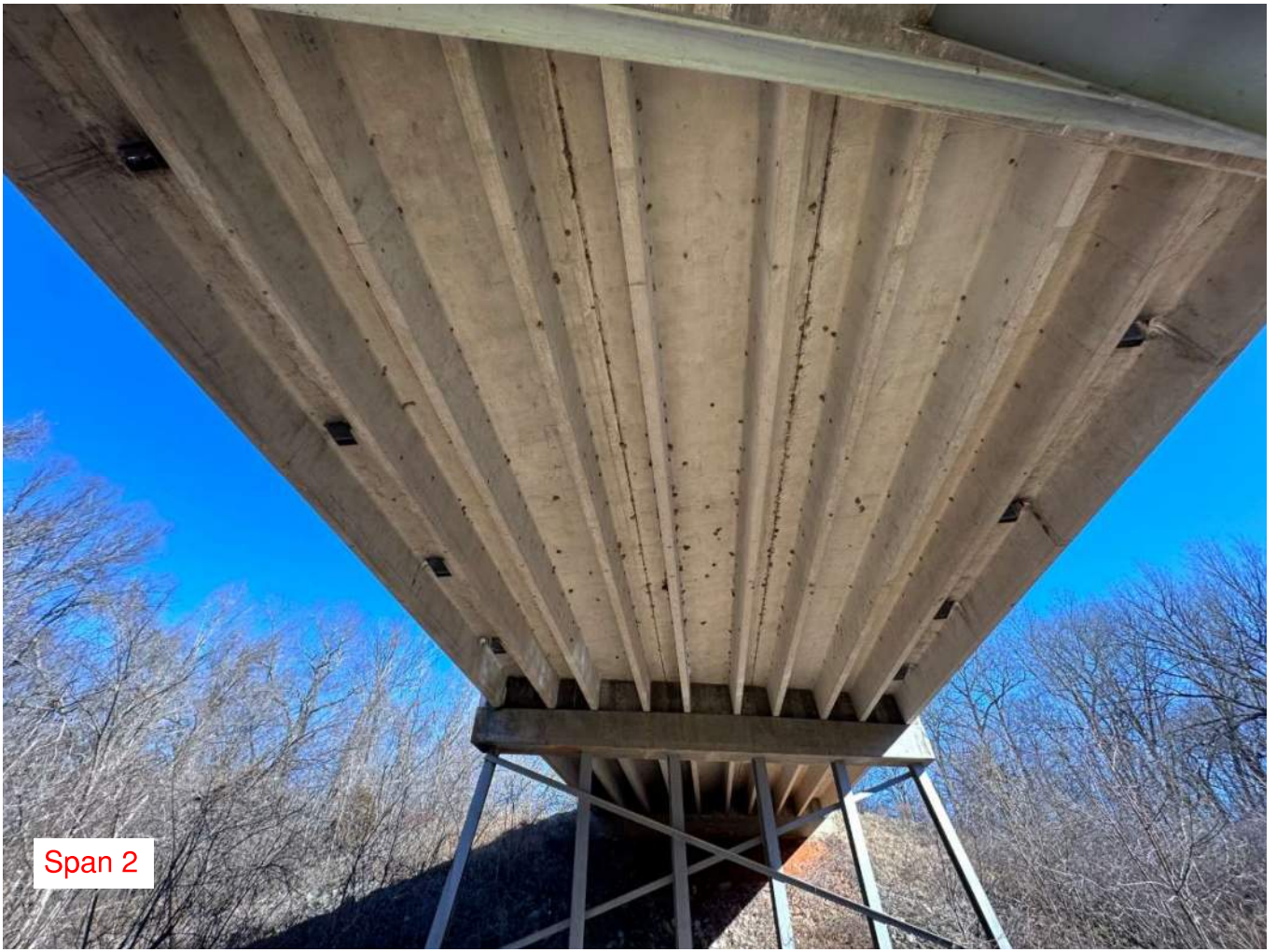
Abut 4



Bent 3 Pile Rust



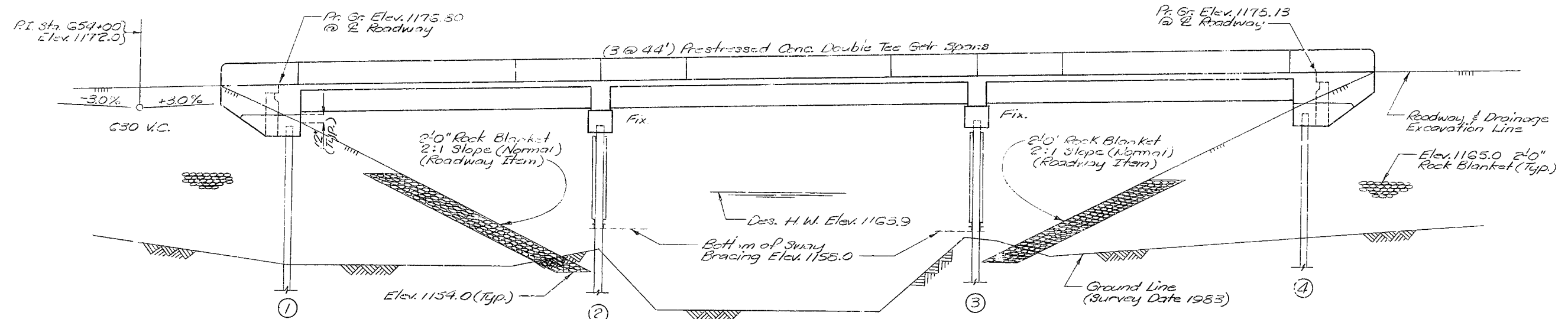
Diaphragms
leaching



Span 2

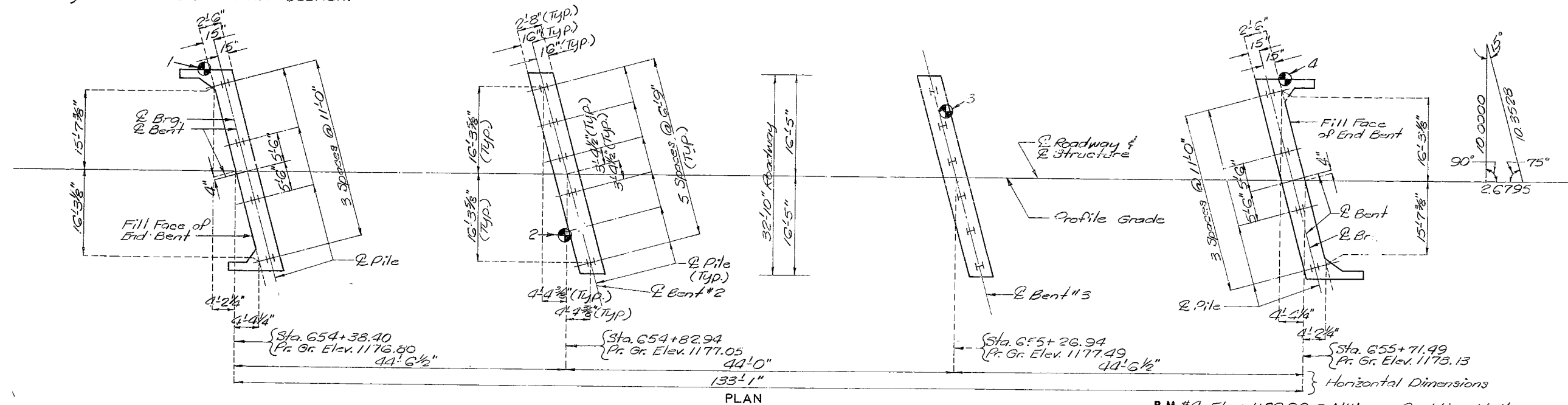
MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

STATE	PROJ. NO.	SHEET NO.
MO.		5
SEC. / SUR. 11	TWP. 33N	RGE. 7W



Note: Roadway fill shall be completed to the final roadway section and up to the elevation of the bottom of the concrete beam within the limits of the structure and to not less than 25' in back of the fill face of the end bents before piles are driven for any bents falling within the embankment section.

GENERAL ELEVATION



PLAN

Note: "●" Indicates location of borings.
For Boring Data, see sheet No. 3.
For Estimated Quantities, Pile Data
and Hydrologic Data, see sheet No. 2.
For Location Sketch and General Note,
see sheet No. 2.

B.M. #4 Elev. 1166.90 @ NW cor. Br. Wing Wall
62' Lt. Sta. 654+21

BRIDGE OVER DRY FORK

STATE ROAD FROM LICKING TO SALEM

ABOUT 9 MI. S.W. OF SALEM

PROJECT NO. BR-32-2 (6)

STA. 654+38.40

JOB NO. 9 P032 218

RTE. 32

DENT

COUNTY

DATE

STD.
STD. 706.35
A-4408

DESIGNED Aug 1984
DETAILED Oct 1984
CHECKED Dec 1984

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

Sheet No. 1 of 13.

329

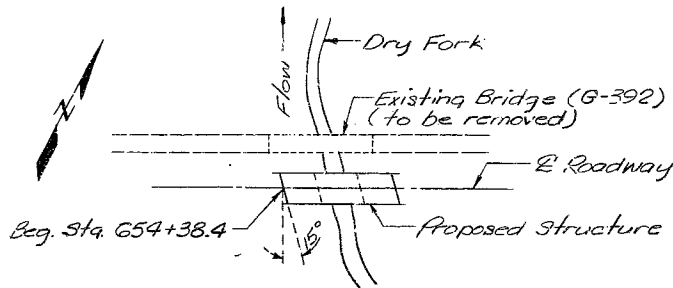
STATE	PROJ. NO.	SHEET NO.
MO.		9

ESTIMATED QUANTITIES			
ITEM		SUBSTR.	SUPERSTR. TOTAL
REMOVAL OF BRIDGES (G-392)	LUMP SUM		1
STRUCTURAL STEEL PILE (10 IN.)	LIN. FT.	787	787
CLASS B CONCRETE	CU. YD.	39.6	39.6
CLASS B-2 CONCRETE	CU. YD.		125.3 125.3
PLAIN NEOPRENE BEARING PADS	EACH		60 60
SAFETY BARRIER CURB	LIN. FT.		295 295
PRESTRESSED CONCRETE DOUBLE TEE GIRDER 44 FT. SPAN	EACH		15 15
REINFORCING STEEL	POUND	2370	5045 7410
REINFORCING STEEL (EPOXY COATED)	POUND		15810 15810
SLAB DRAINS	EACH		8 8

Note: All concrete above lower construction joint in end bents is included with superstructure quantities.
 All reinforcement in end bents is included in superstructure quantities.
 No direct payment will be made for furnishing, installing, cleaning and painting of bracing at intermediate bents.
 Cost of any required excavation for bridge shall be included in contract unit price for other items.

PILE DATA					
BENT NO.		1	2	3	4
BEARING PILE	PILE TYPE AND SIZE	HP10X42	HP10X42	HP10X42	HP10X42
	NUMBER	4	6	6	4
	APPROXIMATE LENGTH FT.	51	39 RT. 50 LT.	36	25
	DESIGN BEARING TONS	51	50	50	51
	HAMMER ENERGY REQUIRED FT. LBS.		11,800	11,800	11,400

Minimum energy requirement of hammer based on plan length and design bearing of piles.
 All piles shall be driven to practical refusal.



LOCATION SKETCH

HYDROLOGIC DATA	
DRAINAGE AREA	= 22.9 sq. mi. (Rolling)
DES. DISCHARGE	= 6600 cfs (50 years)
DES. H.W. ELEV.	= 1163.9 (50 years)
BASIC FLOOD DATA	
DISCHARGE	= 7560 cfs (100 years)
H.W. ELEV.	= 1164.5

GENERAL NOTES:

Design Specifications: A.H.S.H.T.D.—1977 and Interims thru 1982 Load Factor Design.

Design Loading: HS20-44
 35#/sq.ft. future wearing surface
 Earth 120#/cu.ft. Equivalent fluid pressure 30#/cu.ft.
 Superstructure: Simply supported non-composite for Dead Load. Continuous composite for Live Load.

Design Unit Stresses:
 Class B Concrete (Substructure) $f'_c = 3000$ psi
 Class B-1 Concrete (Safety Barrier Curb) $f'_c = 4000$ psi
 Class B-2 Concrete (Superstructure except Prestressed Double Tee Girder and Safety Barrier Curb) $f'_c = 4000$ psi
 Reinforcing Steel (Grade 60) $f_y = 60,000$ psi
 Steel Pile $f_b = 9000$ psi
 For Prestressed Double Tee Girder stresses, see sheets No. 8 and 9.

Neoprene Pads:
 Bearings shall be 60 diameter Neoprene Pads. Cost of furnishing, fabricating and installing Neoprene Bearing Pads complete in place, will be paid for at the contract unit price for Plain Neoprene Bearing Pads per each.

Joint Filler:
 All joint filler shall meet the requirement of Std. Spec. 1057.2.4.

Reinforcing Steel:
 Minimum clearance to reinforcing steel shall be 1 1/2" unless otherwise shown.

The test system for epoxy coated reinforcement as specified in Sec. 710.3.4 of the Standard Specifications will not be required on this job.

DETAILED Oct. 1984
 CHECKED Dec 1984

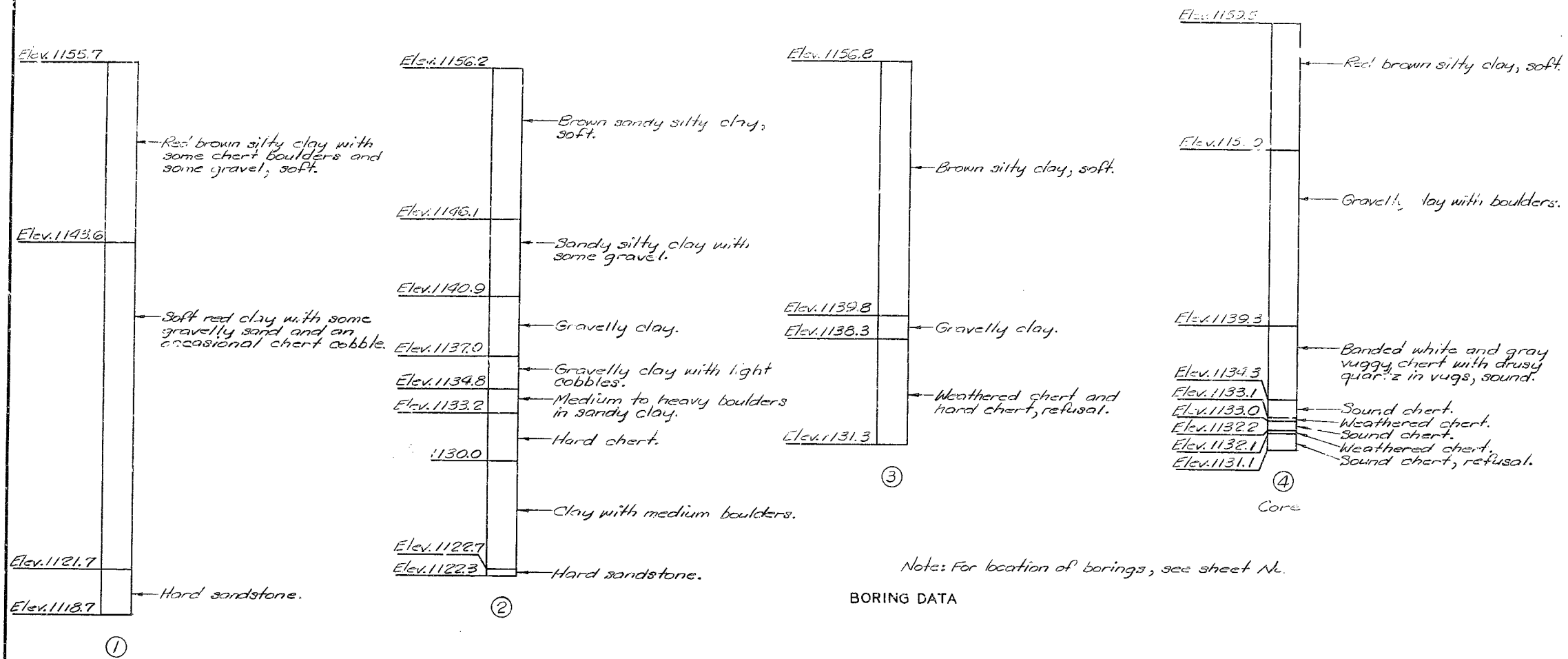
Note: This drawing is not to scale. Follow dimensions.

Sheet No. 2 of 13

DENT COUNTY

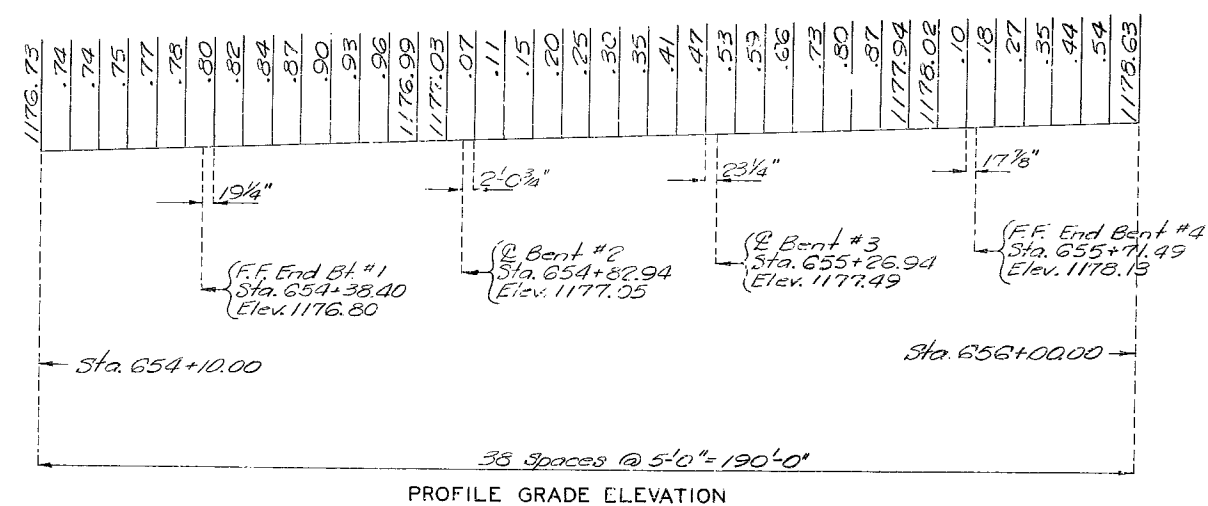
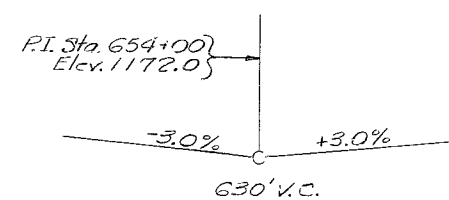
A-4408

STATE	PROJ. NO.	SHEET NO.
MO.		10



Note: For location of borings, see sheet No.

BORING DATA



DETAILED Sept 1984
CHECKED Dec 1984

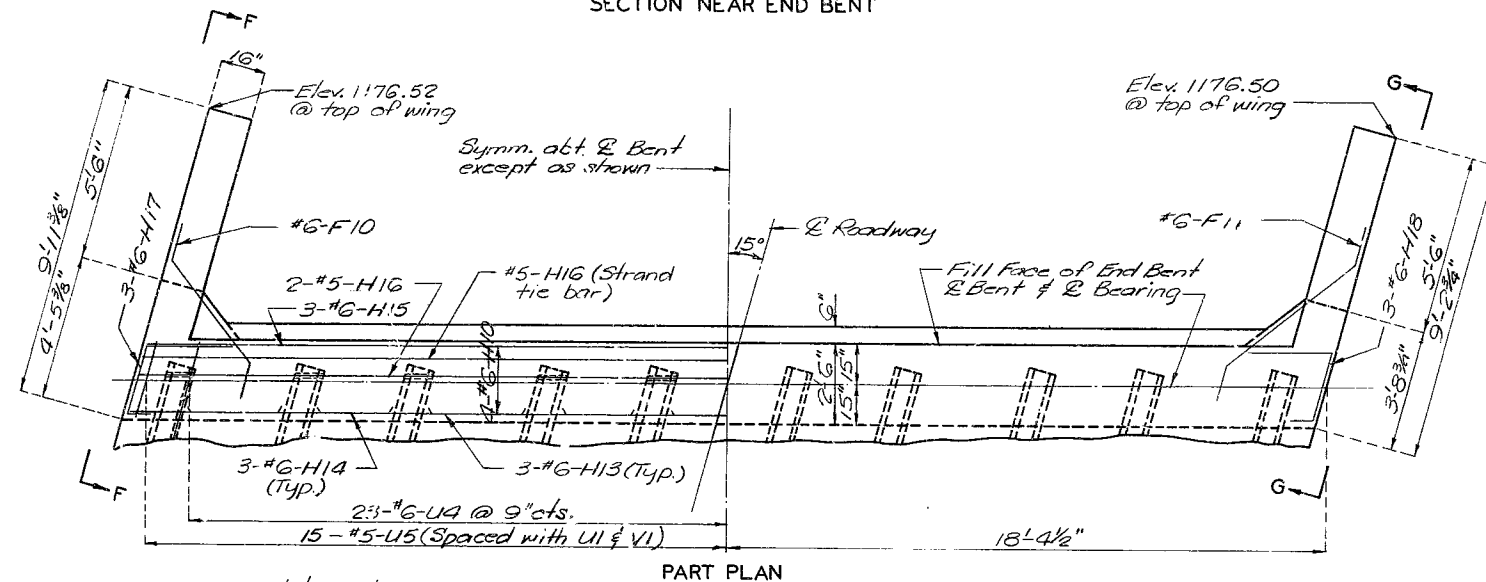
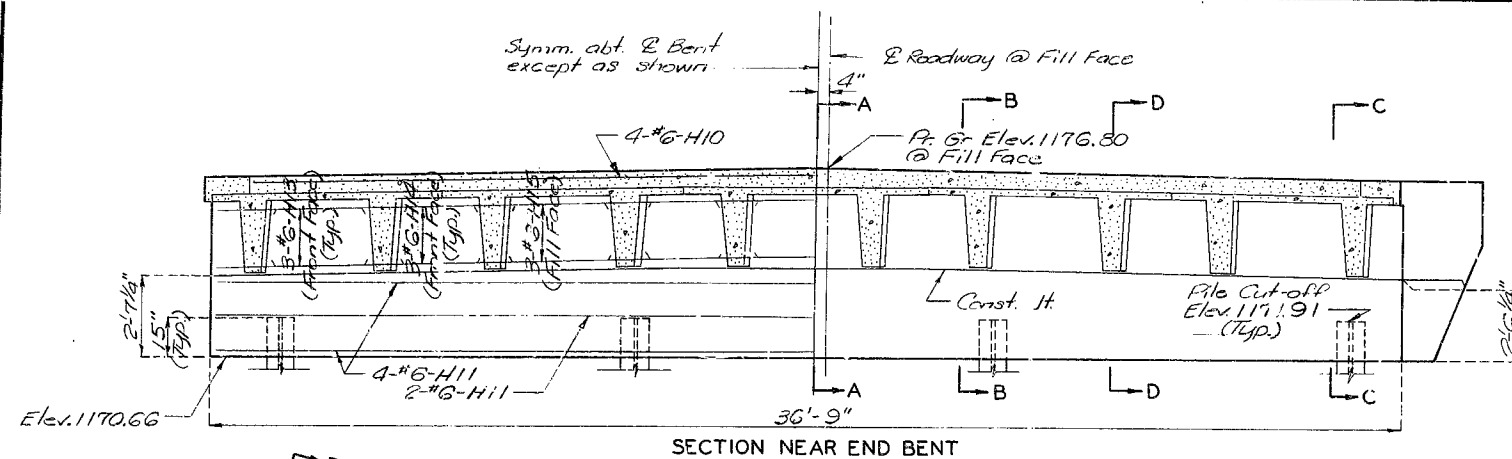
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Sheet No. 3 of 13

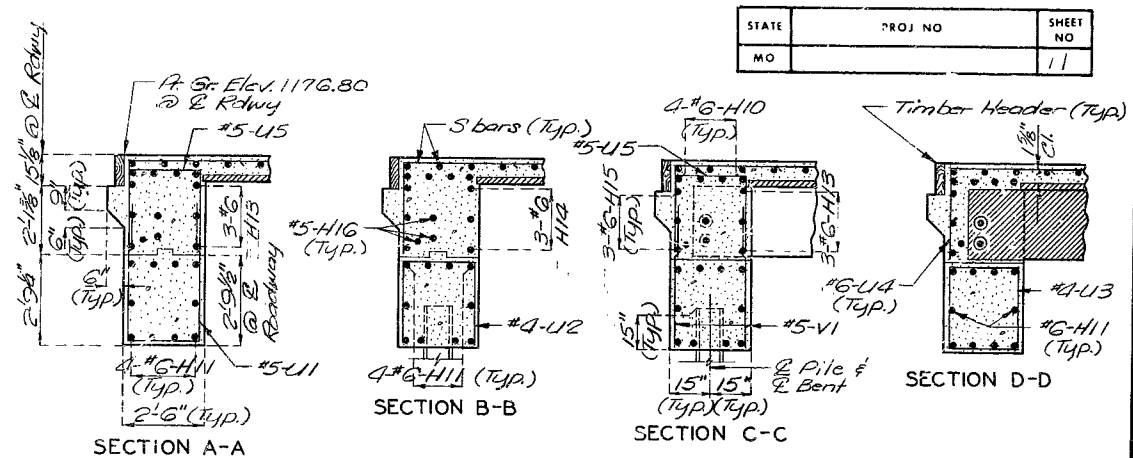
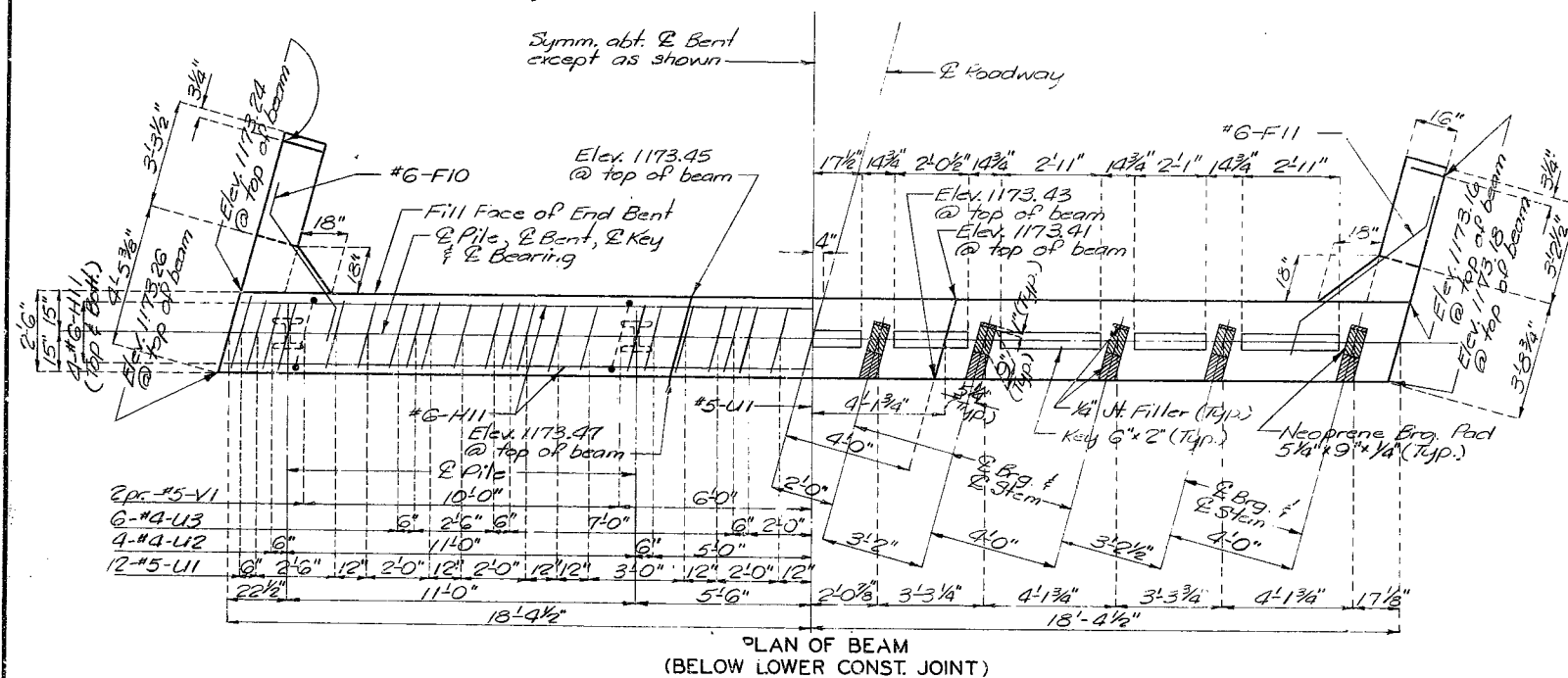
DENT COUNTY

A-4408

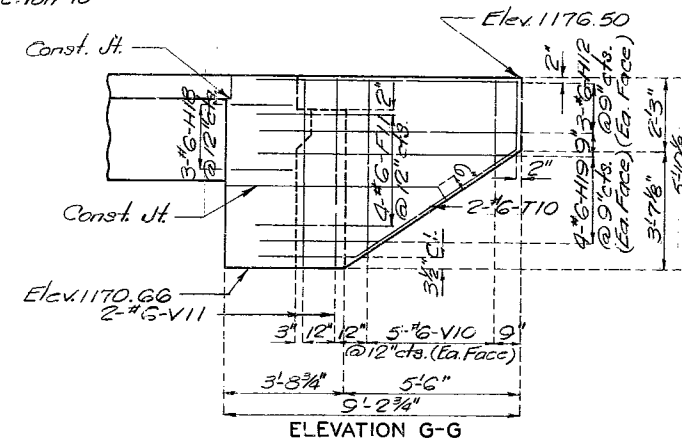
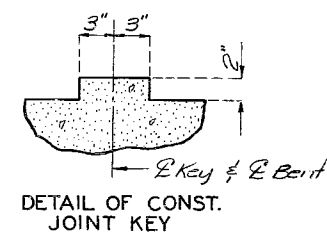
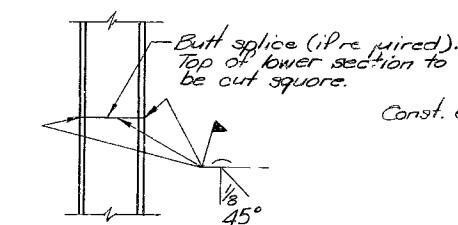
331



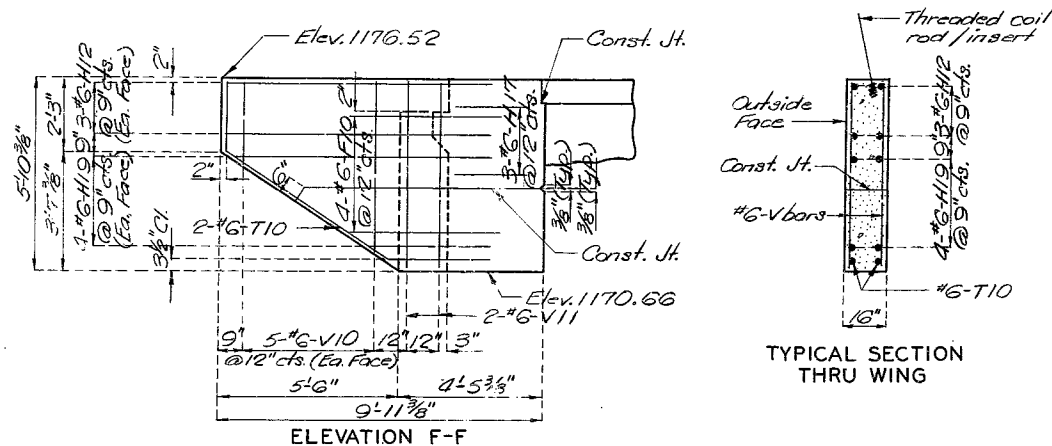
Note: U bars and V bars in diaphragm and beam shall be placed parallel to E Roadway.



Note: For details of Timber Header, see sheet No. 12.



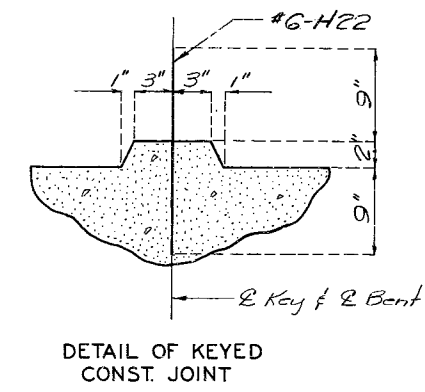
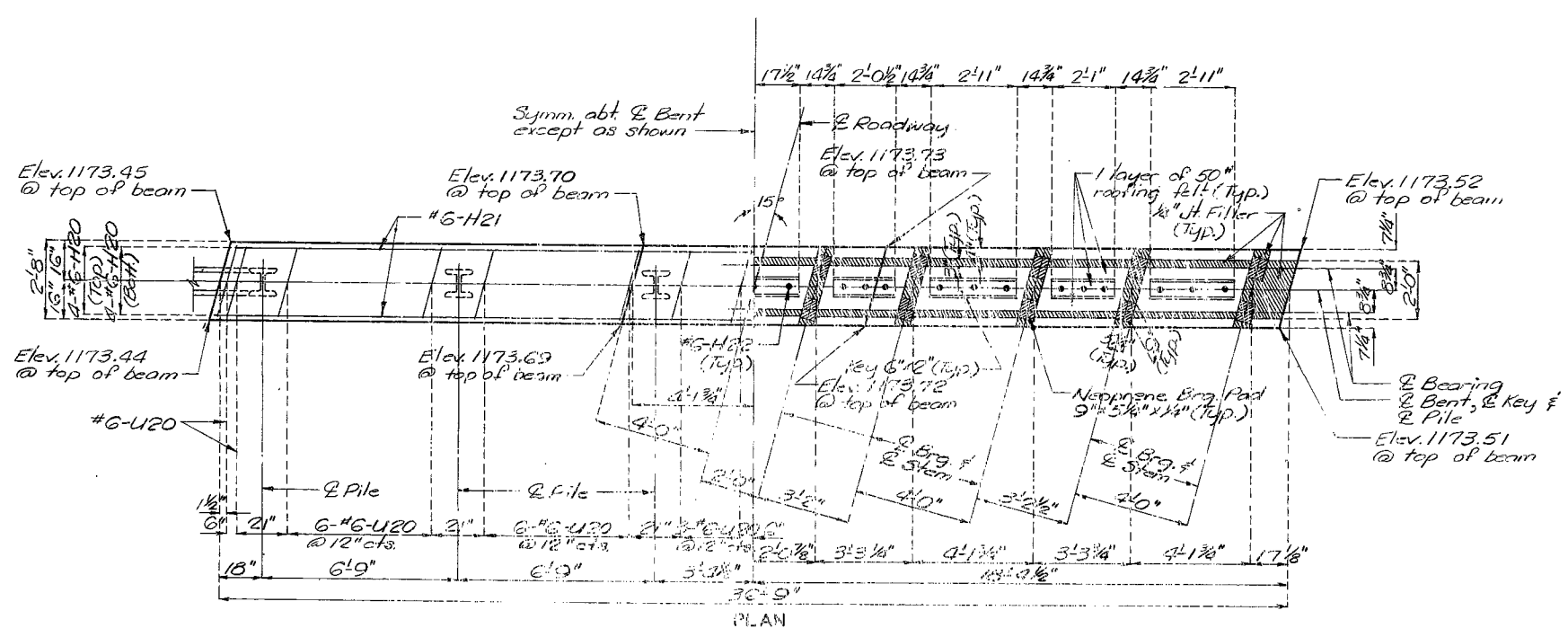
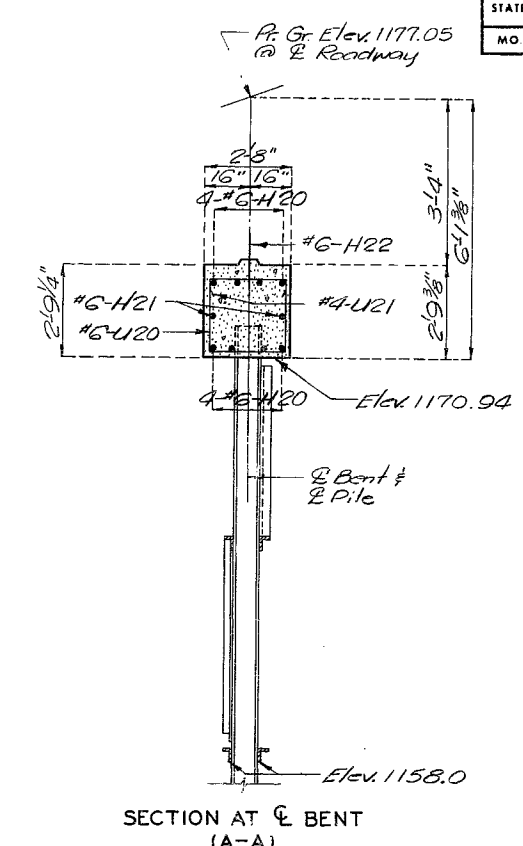
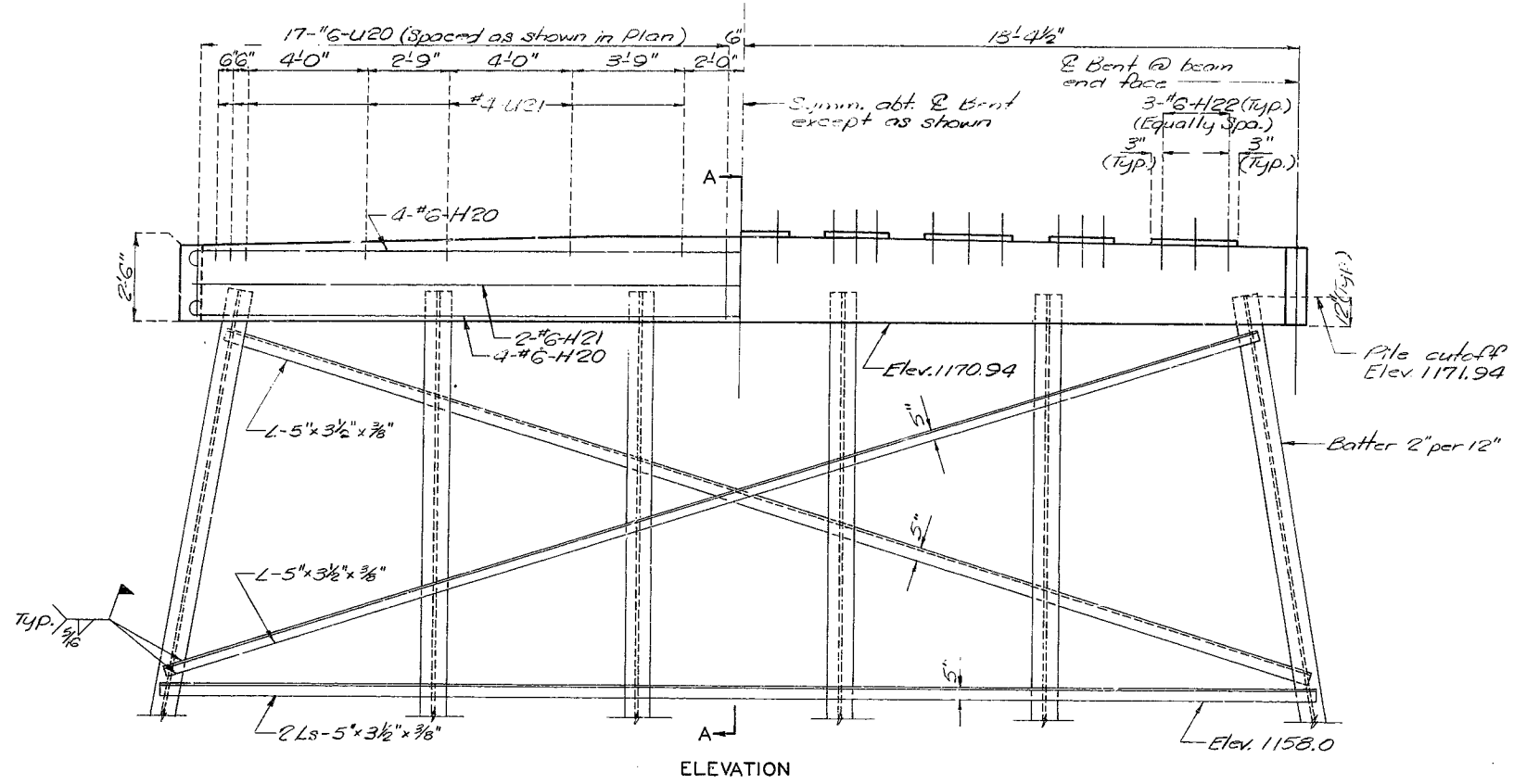
Note: Field bending shall be required for F bars when necessary to conform to slope of wing.



Note: See Curb Sheet for location of coil inserts in wings.

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STATE	PROJ NO	SHEET NO
MO		12



Note: U bars placed parallel to R Roadway.

DETAILS OF INTERMEDIATE BENT NO. 2.

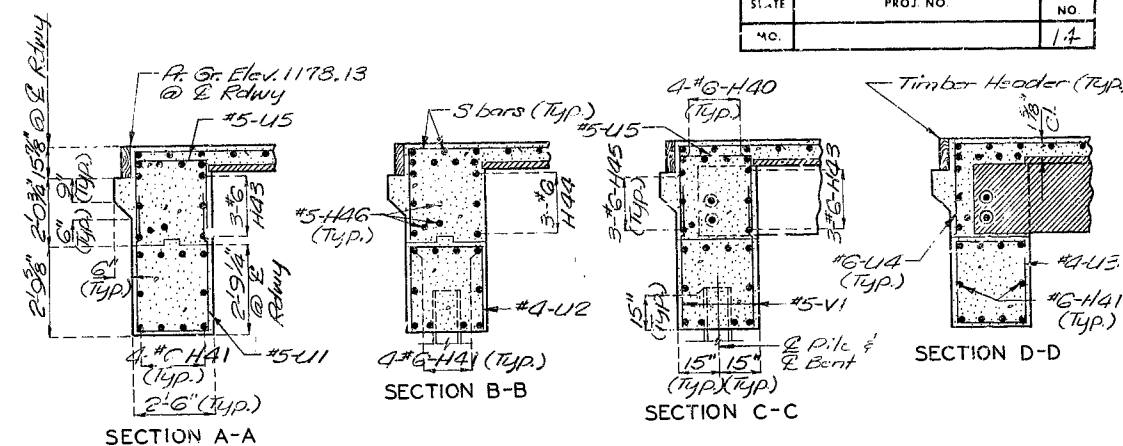
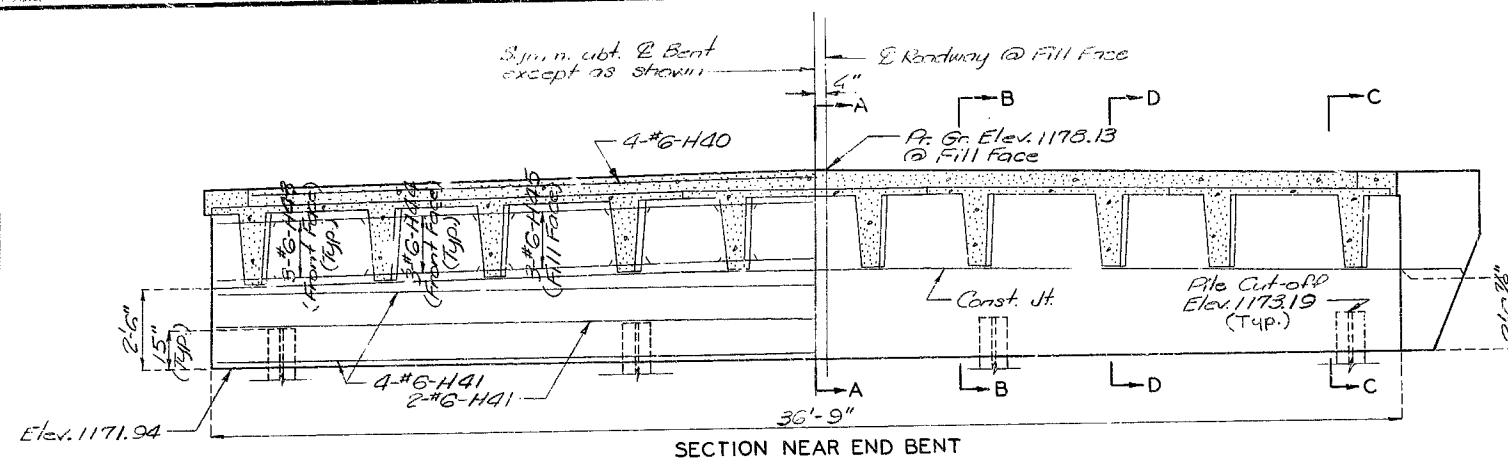
DETAILED Oct. 1934
CHECKED Dec. 1934

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

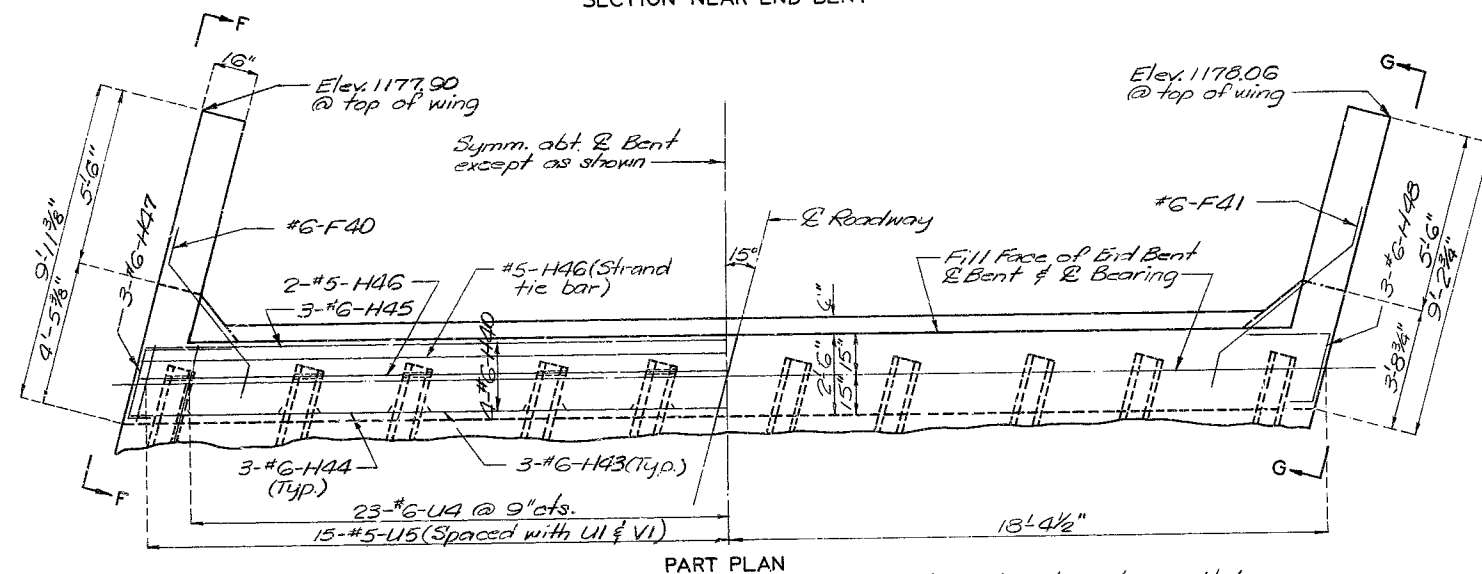
Sheet No. 5 of 13

DENT COUNTY

A-4408

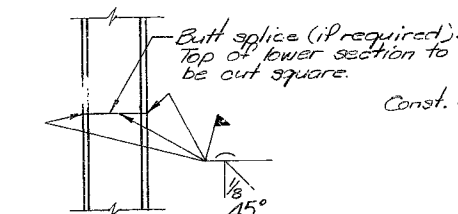


Note: For details of Timber Header, see sheet No. 12.

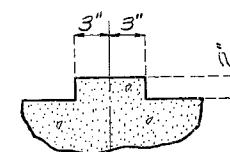


Part Plan

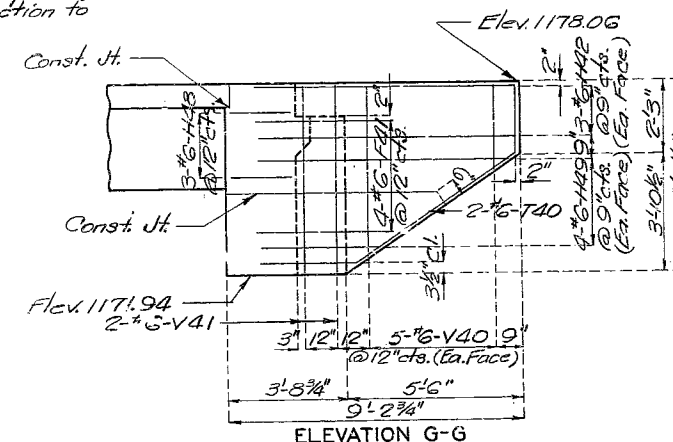
Note: U bars and V bars in diaphragm and beam shall be placed parallel to ϕ Roadway.



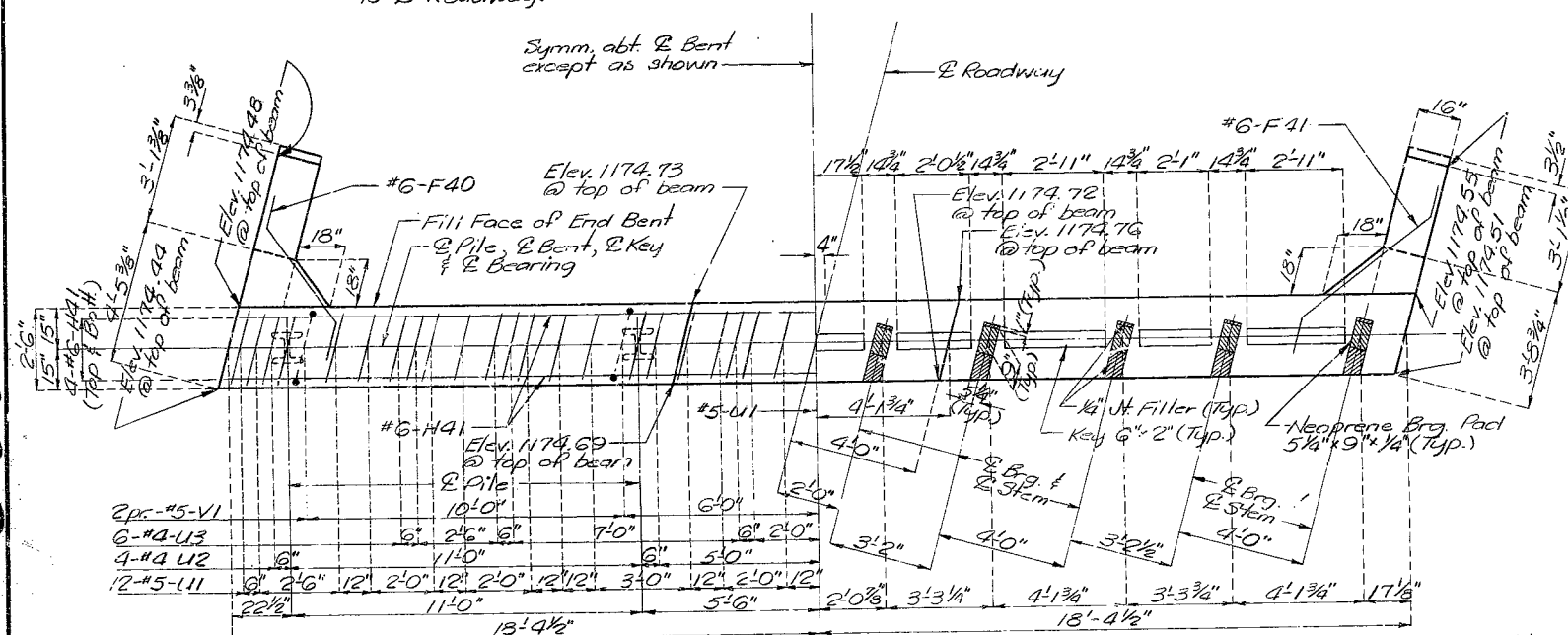
DETAIL OF STEEL
PILE SPLICE



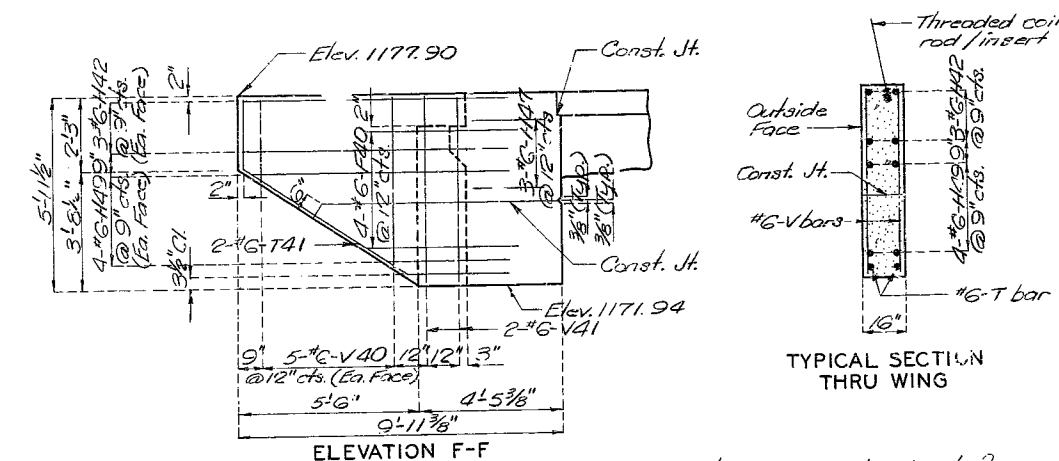
DETAIL OF CONST.
JOINT KEY



Note: Field bending shall be required for F bars when necessary to conform to slope of wing.



PLAN OF BEAM
(BELOW LOWER CONST. JOINT)



TYPICAL SECTION
THRU WING

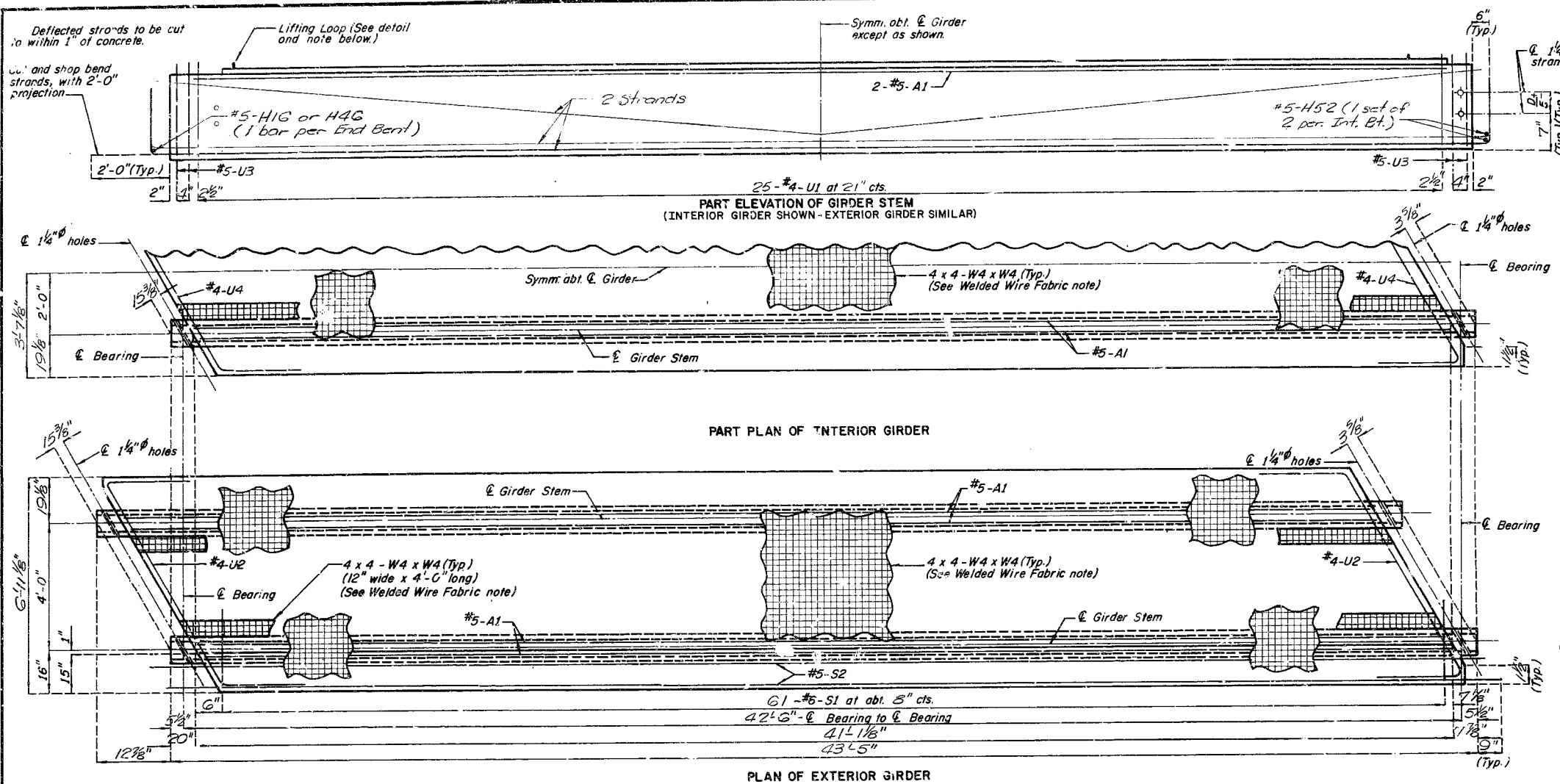
Note: See Curb Sheet for location of coil inserts in wings.

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SPS TT-BG-2 Revised
October 1978
JULY 1984

DETAILED Oct. 1984
CHECKED Dec 1984

2 1/2" + Theoretical slab thickness

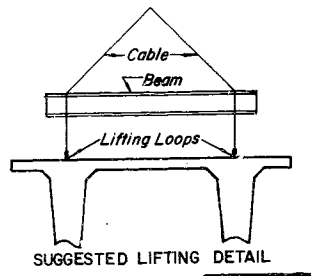
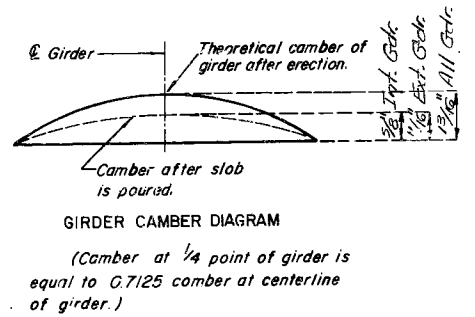
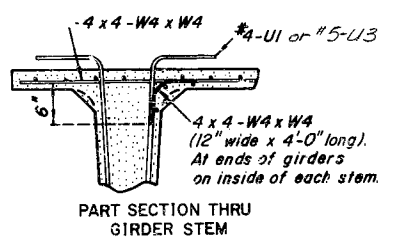
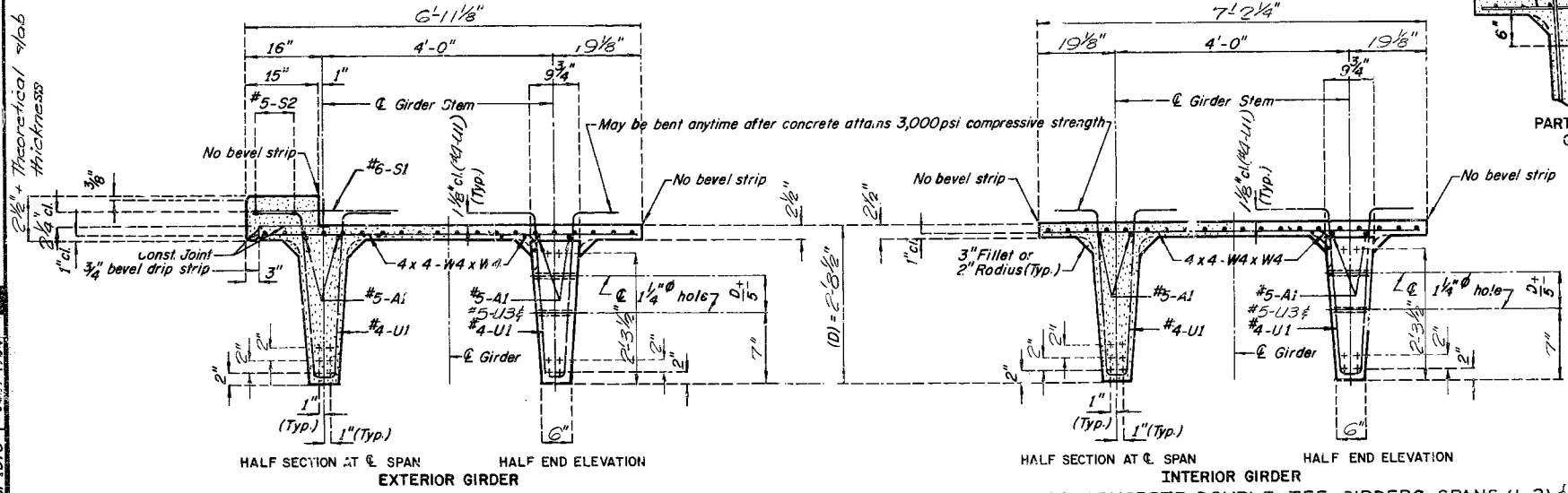


STATE	PROJ NO	SHEET NO
MO		15

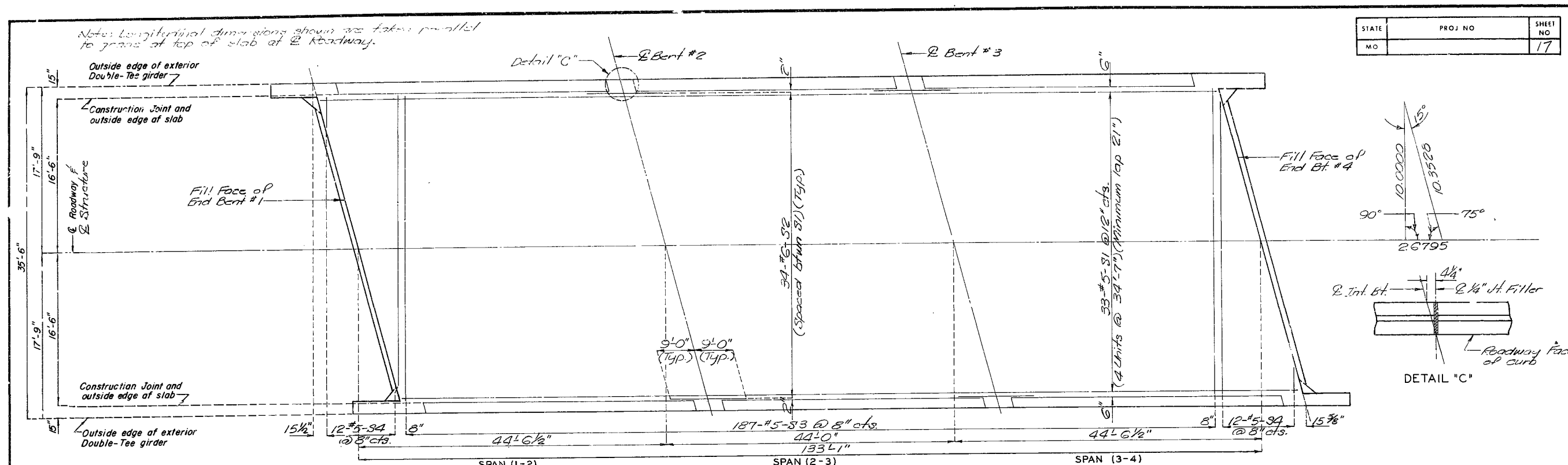
BILL OF REINFORCING STEEL - EACH GIRDER			
NO.	SIZE & MARK	LENGTH	BENDING DIAGRAMS
4	5 A1	40'-10"	Varies A1 SI-S2
5	5 U3	44'-11"	
6	5 S1	3'-1"	Varies A1 SI-S2
7	5 U2	44'-11"	
8	5 U3	7'-3"	Varies A1 SI-S2
9	5 U4	12'-2"	

** Exterior girder only.
All dimensions are out to out.
Where deflecting strands interfere with placement, some in-place bending may be necessary.
Hooks and bends shall be in accordance with the CRSI Manual of Standard Practice for Detailing Reinforced Concrete Structures stirrups and tie dimensions.
Actual lengths are measured along centerline bar to the nearest inch.
Minimum clearance to reinforcing shall be 1 inch except for 4 x 4 - W4 x W4, U2 bar and U4 bar.
All S and U reinforcing bars shall be epoxy coated.
All reinforcement shall be Grade 60.
① 6'-11 1/2" for U4, 6'-5 1/2" for U2
② 22' 1/2" for U4, 20' 3/8" for U2
* Interior Girder Only

GENERAL NOTES:
Concrete for prestressed girders shall be Class A1 with $f'_c = 5,070$ psi.
(+) Indicates prestressed strand.
Use 12 strands with an initial prestress force of 372 kips.
Prestressing tendons shall be uncoated seven-wire low relaxation strands, 1/2 inch diameter conforming to AASHTO M203, Grade 270.
Girders shall be handled and erected into position in a manner that will not impair the strength of the girder.
The vertical face of the exterior girder that will be in contact with the slab shall be roughened by sandblasting or other approved methods to provide suitable bond between girder and slab.
All exposed edges of concrete shall have 1/2" radius or 3/8" bevel unless otherwise noted.
LIFTING LOOPS:
Provide lifting loops in each end of Double-Tee girder. Located near center of stem, 2 feet from each end.
WELDED WIRE FABRIC:
Adequate reinforcing other than the specified welded wire fabric may be used with the approval of the engineer.



Note: This drawing is not to scale. Follow dimensions.
Sheet No. 8 of 13



SPAN (2-3)
PLAN OF SLAB SHOWING REINFORCEMENT

Diagram illustrating the dimensions of a girder section, showing five girders (Gdr. 1 to Gdr. 5) and their respective dimensions.

Top View Dimensions:

- Top of Slab:**
 - Gdr. 1: $\frac{3}{4}$
 - Gdr. 2: $\frac{3}{4}$
 - Gdr. 3: $\frac{3}{4}$
 - Gdr. 4: $\frac{3}{4}$
 - Gdr. 5: $\frac{3}{4}$
- Top of Girder:**
 - Gdr. 1: $\frac{3}{4}$
 - Gdr. 2: $\frac{3}{4}$
 - Gdr. 3: $\frac{3}{4}$
 - Gdr. 4: $\frac{3}{4}$
 - Gdr. 5: $\frac{3}{4}$

Side View Dimensions:

- Gdr. 1:**
 - Top: $7\frac{1}{2}"$
 - Side: $6\frac{1}{2}"$
 - Bottom: $6\frac{1}{2}"$
- Gdr. 2:**
 - Top: $7\frac{1}{2}"$
 - Side: $6\frac{1}{2}"$
 - Bottom: $6\frac{1}{2}"$
- Gdr. 3:**
 - Top: $6\frac{1}{2}"$
 - Side: $6\frac{1}{2}"$
 - Bottom: $6\frac{1}{2}"$
- Gdr. 4:**
 - Top: $6\frac{1}{2}"$
 - Side: $6\frac{1}{2}"$
 - Bottom: $6\frac{1}{2}"$
- Gdr. 5:**
 - Top: $7\frac{1}{2}"$
 - Side: $6\frac{1}{2}"$
 - Bottom: $6\frac{1}{2}"$

Overall Dimensions:

- Top of Slab:**
 - Span: $S = 42' 6"$
 - Clearance: C. Bro.
- Top of Girder:**
 - Span: $S = 42' 6"$
 - Clearance: C. Bro.

THEORETICAL SLAB THICKNESS DIAGRAM

SLAB NOTES:

SLAB THICKNESS TO BE ADJUSTED FOR ANY DIFFERENCE IN GIRDER CAMBER FROM THAT SHOWN IN CAMBER DIAGRAM. CONCRETE IN THE SLAB THICKNESS IS INCLUDED IN THE ESTIMATED QUANTITIES AS CLASS B2 CONCRETE.

THE SLAB IS TO BE BUILT PARALLEL TO GRADE AND TO A MINIMUM THICKNESS OF 6" .

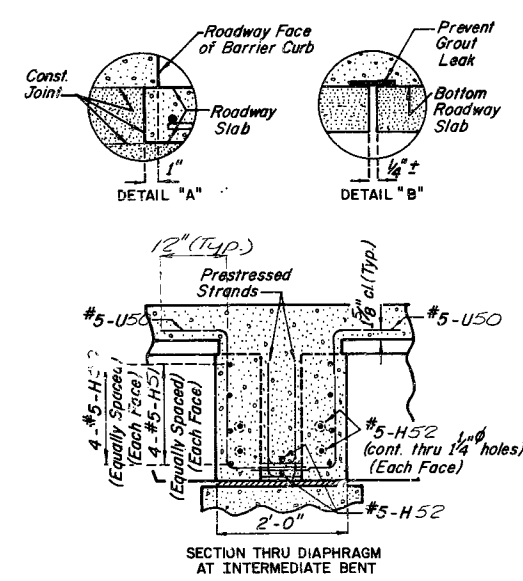
IN ORDER TO MAINTAIN MINIMUM SLAB THICKNESS IT MAY BE NECESSARY TO RAISE THE GRADE UNIFORMLY THROUGHOUT THE STRUCTURE. NO PAYMENT WILL BE MADE FOR ADDITIONAL LABOR OR MATERIALS REQUIRED FOR VARIATION IN THICKNESS OR NECESSARY GRADE ADJUSTMENT.

SEE GIRDER SHEET FOR GIRDER CAMBER DIAGRAM.

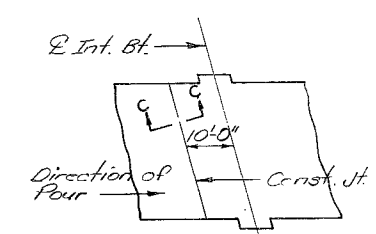
SLAB POURING NOTES:

THE CONTRACTOR SHALL FURNISH AN APPROVED RETARDER TO RETARD THE SET OF THE CONCRETE TO 2.5 HOURS AND SHALL POUR AND SATISFACTORILY FINISH THE SLAB POURS AT NOT LESS THAN 25 CUBIC YARDS PER HOUR.

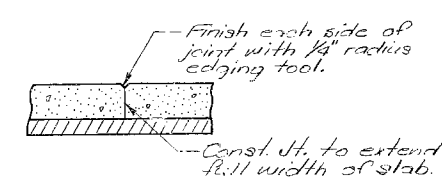
THE DIAPHRAGM OF THE INTERMEDIATE AND END BENTS SHALL BE POURED A MINIMUM OF 30 MINUTES AND MAXIMUM OF 2 HOURS BEFORE THE SLAB IS POURED ACROSS THE DIAPHRAGM AT BENTS.



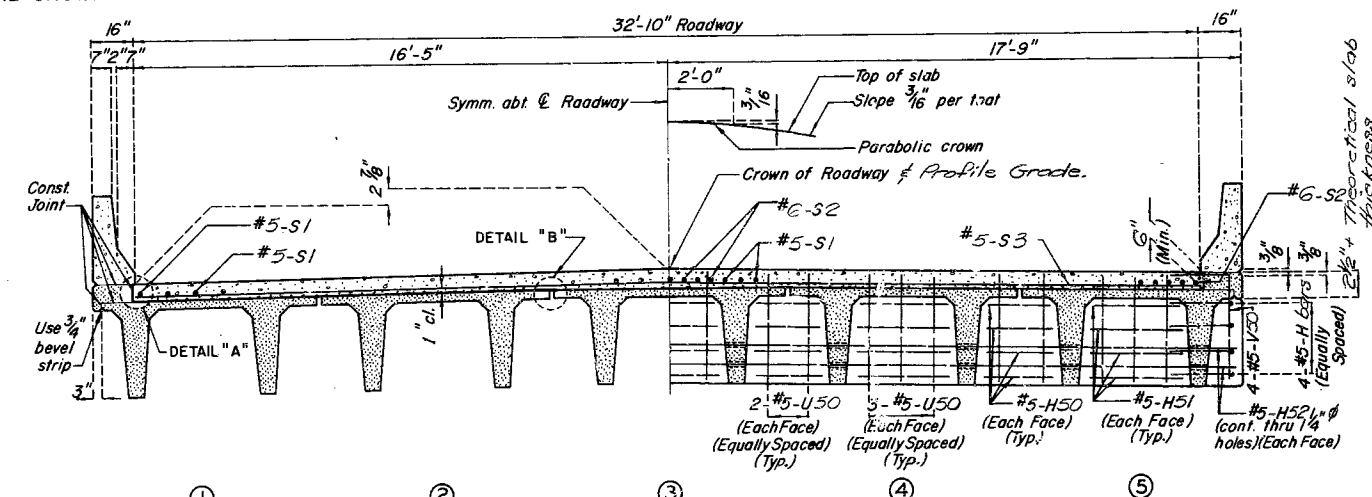
SECTION THRU DIAPHRAGM
AT INTERMEDIATE BENT



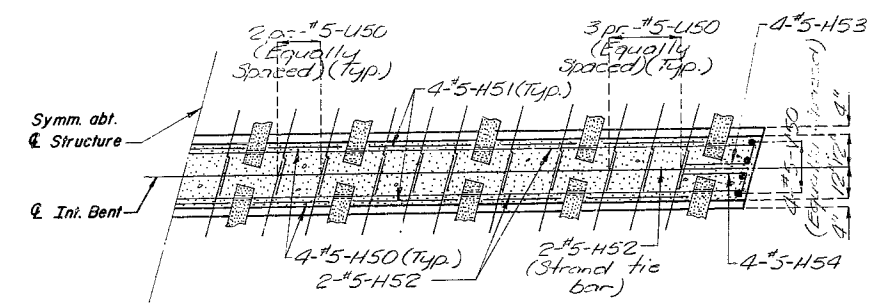
OPTIONAL CONST. JOINT



SECTION C-C



HALF SECTION NEAR $\frac{1}{4}$ SPAN



HALF SECTION THRU DIAPH. AT INT. BENTS

Note: For details and reinforcement of safety barrier bridge curb not shown see sheet no. 12.
Sheet No. 10 of 13.

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M
M

SPS 32'-10" (TT)	Revised
April 1981	FEB. 1983

339

SPS S.D. - DBL.TEE
FEB. 1981
REVISED
JAN. 1984

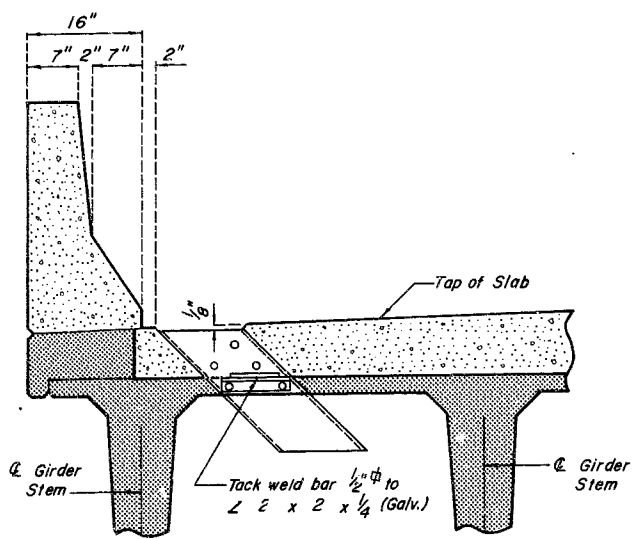
DETAILED Oct 1984
CHECKED Dec 1984

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

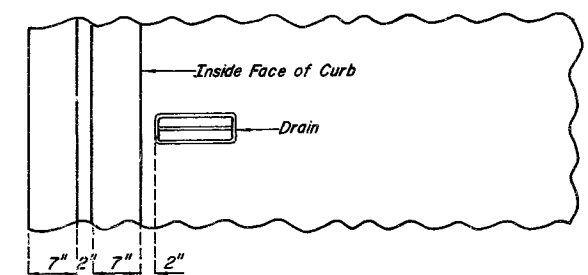
Sheet No. 11 of 13

DENT COUNTY

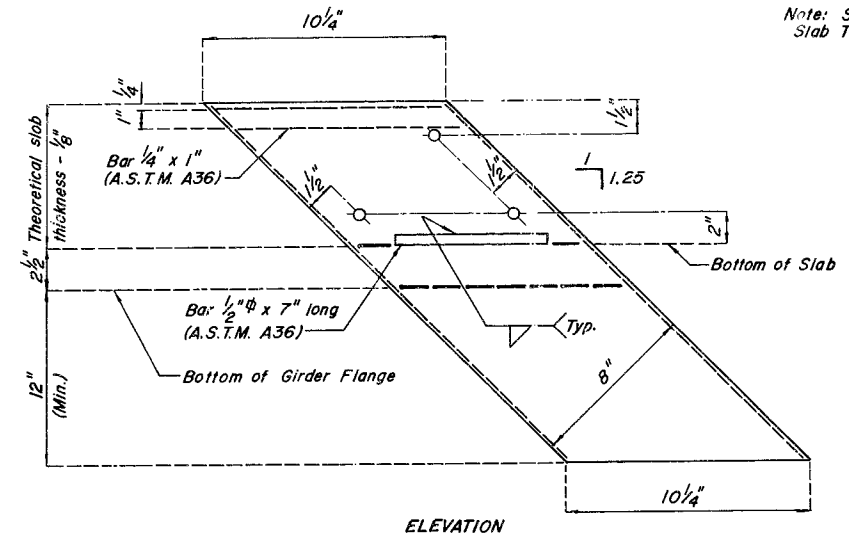
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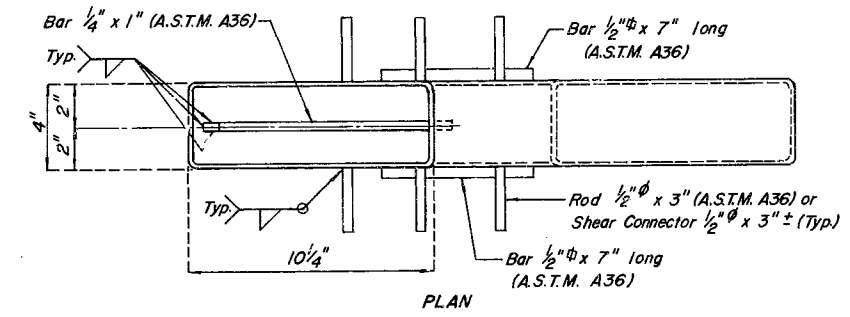
PART ELEVATION OF SLAB



PART PLAN OF SLAB



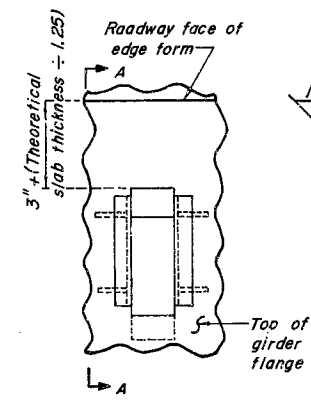
ELEVATION



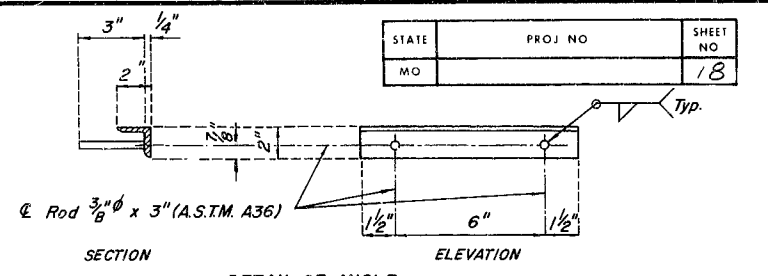
PLAN

SLAB DRAIN DETAILS

Note: See sheet no. 10 for Theoretical Slab Thickness Diagram.

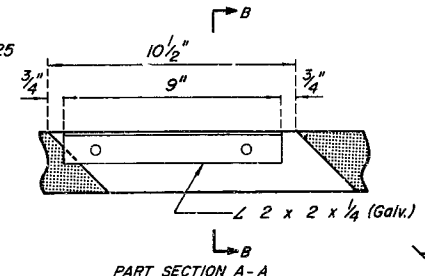


PART PLAN OF DRAIN BLOCKOUT

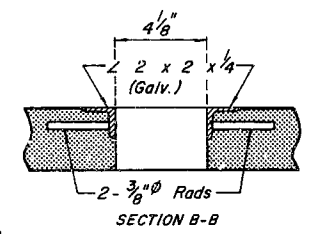


SECTION

DETAIL OF ANGLE



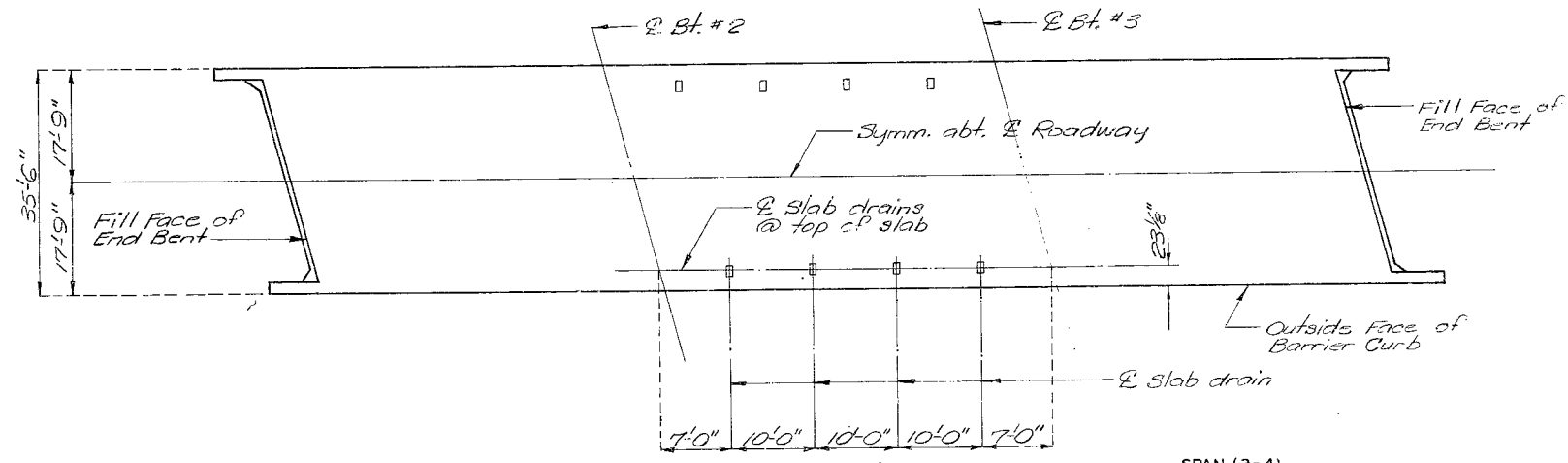
PART SECTION A-A



SECTION B-B

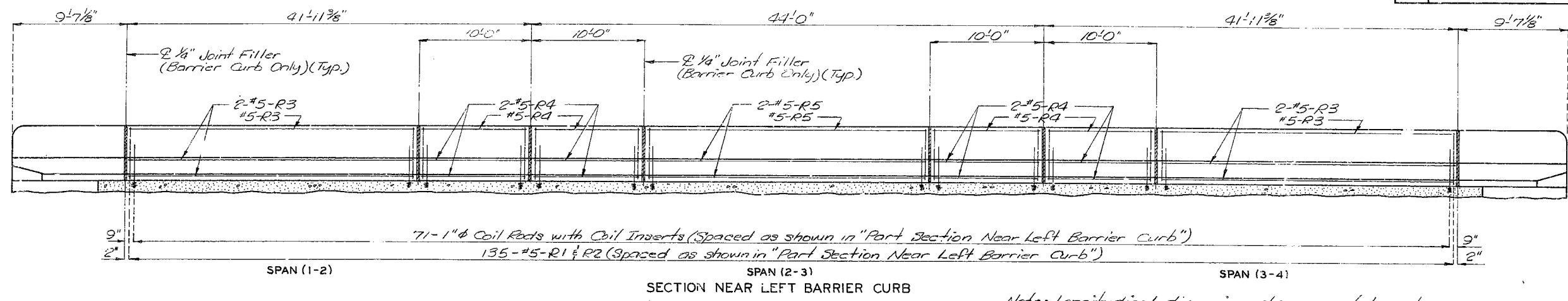
GENERAL NOTES:

- Slab drains may be fabricated of either 1/4 inch welded sheets of A.S.T.M. A36 steel or from 1/4 inch structural steel tubing A.S.T.M. A500 or A501.
- Outside dimensions of drains are 8" x 4".
- The drains shall be cast in the concrete with the top of the drains being 1/8 inch below the finished concrete line.
- Locate drains in the slab by dimensions shown in the part elevation.
- Shift reinforcing steel in field where necessary to clear drains.
- The drains shall be galvanized in accordance with A.S.T.M. A123.
- Shop drawings will not be required for the slab drains.

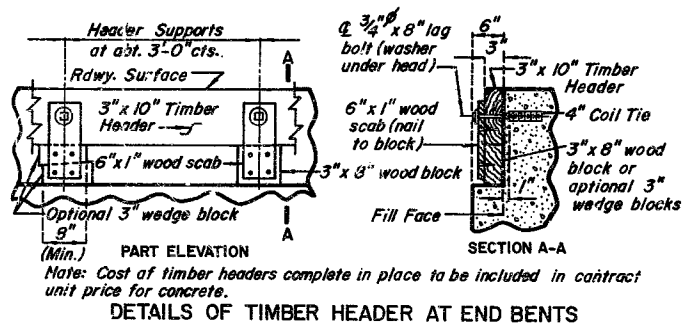


PLAN OF SLAB DRAIN LOCATION

STATE	PROJECT NO.	SHEET NO.
MO		12



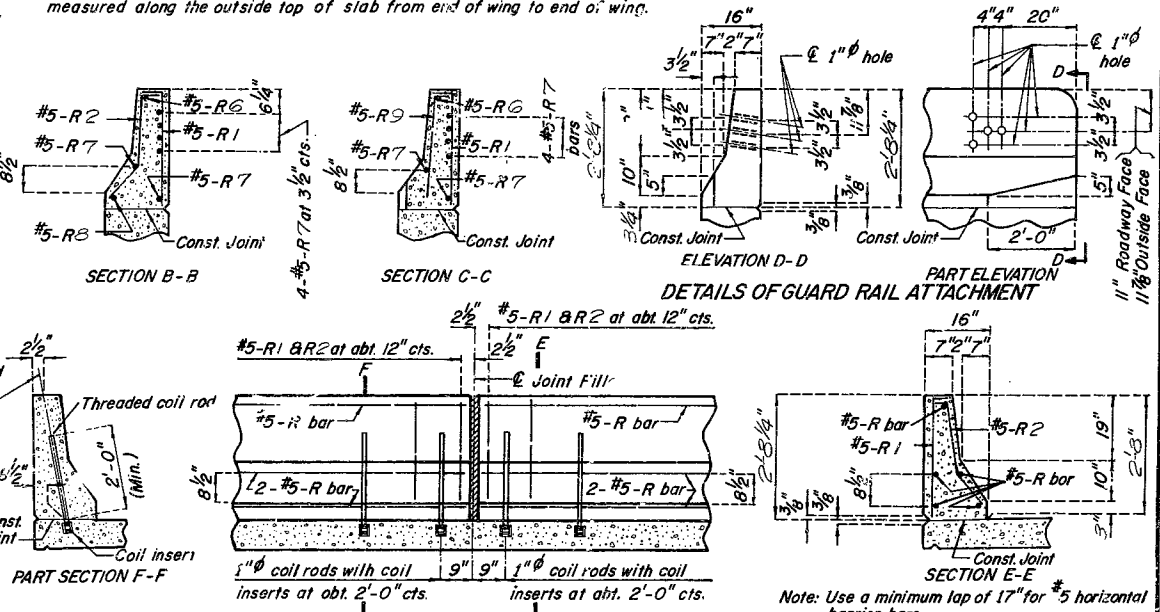
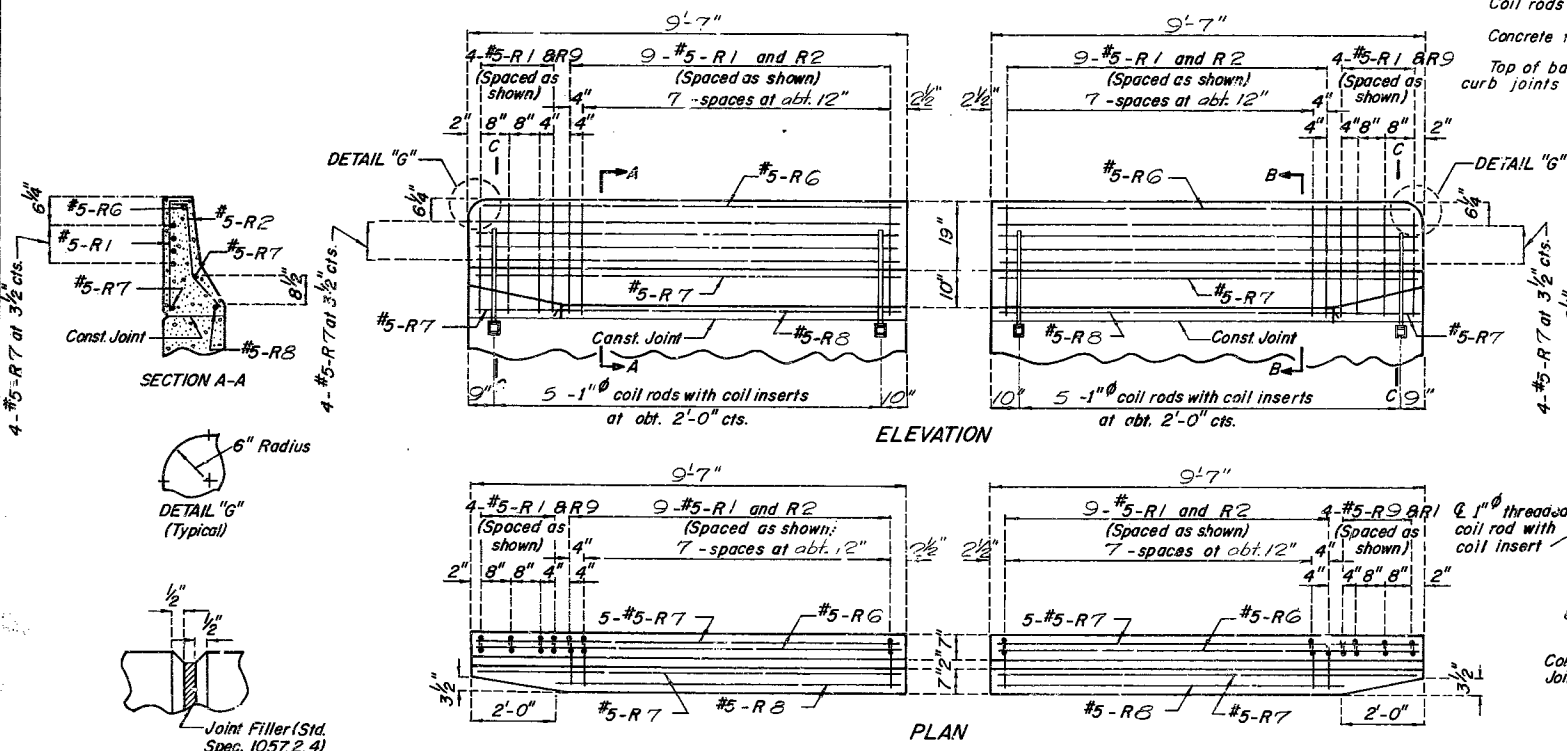
Note: Longitudinal dimensions shown are taken along top edge of slab parallel to grade.



GENERAL NOTES:

- Coil inserts shall have a concrete ultimate pull-out strength of not less than 40,000 pounds in 5,000 psi concrete and an ultimate tensile strength of not less than 40,000 pounds.
- Coil rods shall have an ultimate capacity of 36,000 pounds.
- Concrete for barrier curbs shall be B1 with $f'_c = 4,000$ psi.
- Top of barrier curb shall be parallel to grade with barrier curb joints normal to grade.
- All exposed edges of barrier curb shall have $\frac{1}{2}$ " radius or $\frac{3}{8}$ " bevel unless otherwise noted.
- Payment for furnishing and installing coil inserts and threaded coil rods shall be fully covered by the contract unit price for safety barrier curb.
- When the barrier curb is bid by linear feet, the contract unit price shall include the cost of all concrete and reinforcement.

Measurement of safety barrier curb is to the nearest linear foot for each structure, measured along the outside top of slab from end of wing to end of wing.



Note: Use a minimum lap of 17\" for #5 horizontal barrier bars. The cross-sectional area above the slab = 2.27 sq. ft.

DETAILS OF BARRIER CURB AT END BENTS

PART SECTION NEAR LEFT BARRIER CURB

Revised JUNE 1984
June 1982
TT-SBC (ON)

DETAILED Oct. 1984
CHECKED Dec 1984

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

Sheet No. 12 of 13

COMPLETE BILL OF REINFORCING STEEL

NO. REQD.	MARK NO.	LOCATION	EPOXY (E)	SHAPE NO.	STIRRUP (S)	SUBSTR. (X)	VARIES (V)	NO. EACH	DIMENSIONS												NOMINAL LENGTH	ACTUAL LENGTH	WEIGHT				
									B		C		D		E		F		H					K			
									FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	LBS.		
		SUBSTRUCTURE																									
		INT BT NO 2																									
8	6H20	BEAM		18	X				36	6.000												37	10	37	10	455	
2	6H21	BEAM		20	X				36	6.000												36	6	36	6	110	
27	6H22	BEAM		20	X				20.000													20	20	20	20	68	
34	6U20	BEAM		13	S	X			2	6.000	2	3.000	2	6.000	2	3.000						10	8	10	2	519	
14	4U21	BEAM		10	S	X				6.000	2	6.000										3	6	3	4	31	
		INT BT NO 3																									
8	6H30	BEAM		18	X				36	6.000													37	10	37	10	455
2	6H31	BEAM		20	X				36	6.000												36	6	36	6	110	
27	6H32	BEAM		20	X				20.000													20	20	20	20	68	
34	6U30	BEAM		13	S	X			2	6.000	2	3.000	2	6.000	2	3.000						10	8	10	2	519	
14	4U31	BEAM		10	S	X				6.000	2	6.000										3	6	3	4	31	
		SUPERSTRUCTURE																									
		END BT NO 1																									
4	6F10	WING		23	S				13.875	3	10.000	13.875	11.000	8.500	11.000	8.500	6	2	6	1	37						
4	6F11	WING		23	S				13.875	4	10.000	13.875	8.500	11.000	8.500	11.000	7	2	7	1	43						
4	6H10	DIAPH	E	20					36	6.000												36	6	36	6	219	
10	6H11	BEAM		20					36	6.000												36	6	36	6	548	
12	6H12	WING		20					8	5.000												8	5	8	5	152	
15	6H13	DIAPH		20					3	0.000												3	0	3	0	68	
12	6H14	DIAPH		20					2	2.000												2	2	2	2	39	
3	6H15	DIAPH		20					36	6.000												36	6	36	6	164	
3	6H16	DIAPH		20					36	6.000												36	6	36	6	114	
3	6H17	DIAPH		21	S				2	4.000	10.125	2	11.000			2	3.000	7.250	6	1	5	9	26				
3	6H18	DIAPH		21	S				2	4.000	2	11.000	10.125			2	3.000	7.250	6	1	5	9	26				
16	6H19	WING		20		V	4		8	1.000												8	1	8	1		
		INCR = 13.625 IN							4	8.000												4	8	4	8	153	
4	6T10	WING		25	S				2	1.000	6	1.250	3	3.000			3	4.000	5	1.375	11	5	11	4		88	
25	5U1	BEAM		10	S				4	1.000	2	3.875										10	6	10	3	267	
8	4U2	BEAM		10	S				2	3.000	2	3.875										6	10	6	8	36	
12	4U3	BEAM		13	S				2	3.875	2	3.000	2	3.875	2	3.000						9	11	9	8	77	
45	6U4	DIAPH	E	19	S				2	9.500	4	1.000										6	11	6	9	456	
29	5U5	DIAPH	E	10	S				2	8.000	2	3.875										7	8	7	5	224	
8	5V1	BEAM		20					4	1.000												4	1	4	1	34	
20	6V10	WING		20		V	4		5	1.000												5	1	5	1		
		INCR = 8.000 IN							2	5.000												2	5	2	5	113	
8	6V11	WING		20					5	7.000												5	7	5	7	67	
		END BT NO 4																									
4	6F40	WING		23	S				13.875	3	10.000	13.875	11.000	8.500	11.000	8.500	6	2	6	1	37						
4	6F41	WING		23	S				13.875	4	10.000	13.875	8.500	11.000	8.500	11.000	7	2	7	1	43						
4	6H40	DIAPH	E	20					36	6.000												36	6	36	6	219	
10	6H41	BEAM		20					36	6.000												36	6	36	6	548	
12	6H42	WING		20					8	5.000												8	5	8	5	152	
15	6H43	DIAPH		20					3	0.000												3	0	3	0	68	
12	6H44	DIAPH		20					2	2.000												2	2	2	2	39	
3	6H45	DIAPH		20					36	6.000												36	6	36	6	164	

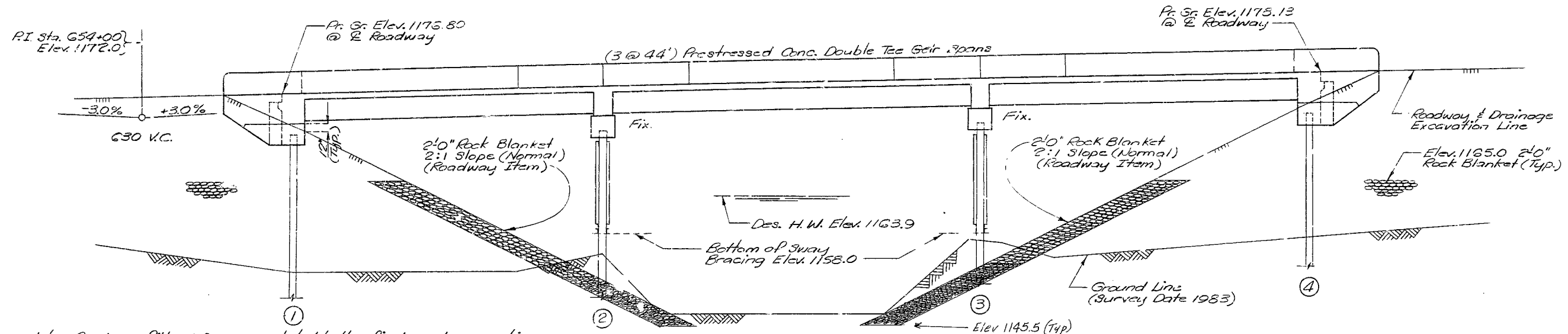
COMPLETE BILL OF REINFORCING STEEL

NO. REQD.	MARK NO.	LOCATION	EPOXY (E)	SHAPE NO.	STIRRUP (S)	SUBSTR. (X)	VARIES (V)	NO. EACH	DIMENSIONS												NOMINAL LENGTH	ACTUAL LENGTH	WEIGHT	
									B		C		D		E		F		H					K
									FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.
3	5H46	DIAPH		20					36	6.000									36	6	36	6	1	
3	6H47	DIAPH		21	S				2	4.000	10.125	2	11.000			2	3.000	7.250	6	1	5	9		
3	6H48	DIAPH		21	S				2	4.000	2	11.000	10.125			2	3.000	7.250	6	1	5	9		
16	6H49	WING		20		V	4		4	0.000									5	0	0	0		
		INCR = 12.625 IN							4	10.000									4	10	4	10	1	
2	6T40	WING		25	S				2	1.000	6	3.000	3	3.000			3	7.375	5	1.125	11	7	11	6
2	6T41	WING		25	S				2	1.000	6	1.250	3	3.000			3	3.875	5	1.375	11	5	11	4
25	5U1	BEAM		10	S						4	1.000	2	3.875					10	6	10	3	20	
8	4U2	BEAM		10	S						2	3.000	2	3.875					6	10	6	8		
12	4U3	BEAM		13	S				2	3.875	2	3.000	2	3.875	2	3.000					9	11	9	8
45	6U4	DIAPH	E	19	S				2	9.500	4	1.000									6	11	6	9
29	5U5	DIAPH	E	10	S						2	8.000	2	3.875							7	8	7	5
8	5V1	BEAM		20					4	1.000											4	1	4	1
20	6V40	WING		20		V	4		5	1.000											5	1	5	1
		INCR = 8.000 IN							2	5.000											2	5	2	5
8	6V41	WING		20					5	7.000											5	7	5	7
64	5H50	INT DIAPH		20					2	2.000											2	2	2	2
80	5H51	INT DIAPH		20					3	0.000											3	0	3	0
12	5H52	INT DIAPH		20					32	6.000											36	6	36	6
16	5H53	INT DIAPH		23	S				9.250	2	11.000					9.000	2.375	3	8	3	7	6	45	
16	5H54	INT DIAPH		21	S				9.250	2	11.000					9.000	2.375	3	8	3	6	5	5	
32	5U50	INT DIAPH	E	28	S						19.000	2	6.000	12.000							5	1	4	11
16	5V50	INT DIAPH	E	19	S				2	8.000	2	11.000									5	7	5	6
322	5R1	BARRIER CURB	E	19	S				2	5.000	4.000										2	9	2	8
306	5R2	BARRIER CURB	E	33	S				4.000	19.000	11.250	8.625	7.250	18.875	1.750	2	10	2	9		31	8	87	
20	5R3	BARRIER CURB	E	20					31	8.000											31	8	31	8
42	5R4	BARRIER CURB	E	20					9	9.000											9	9	9	9
10	5R5	BARRIER CURB	E	20					23	9.000											23	9	23	9
4	5R6	BARRIER CURB	E	20					9	2.000											9	2	9	2
24	5R7	BARRIER CURB	E	20					9	4.000											9	4	9	4
4	5R8	BARRIER CURB	E	20					7	5.000											7	5	7	5
16	5R9	BARRIER CURB	E	15	S				2	6.125	3.500					2	6.000	3.000	2	10	2	9	4	
132	5S1	SLAB	E	20					34	7.000											34	7	34	7
70	6S2	SLAB	E	20					18	0.000											18	0	18	0
187	5S3	SLAB	E	20					32	9.000											32	9	32	9
24	5S4	SLAB	E	20		V	2		2	11.000											2	11	2	11
		INCR = 29.875 IN							30	3.000											30	3	30	3
		END OF BAR LIST																						

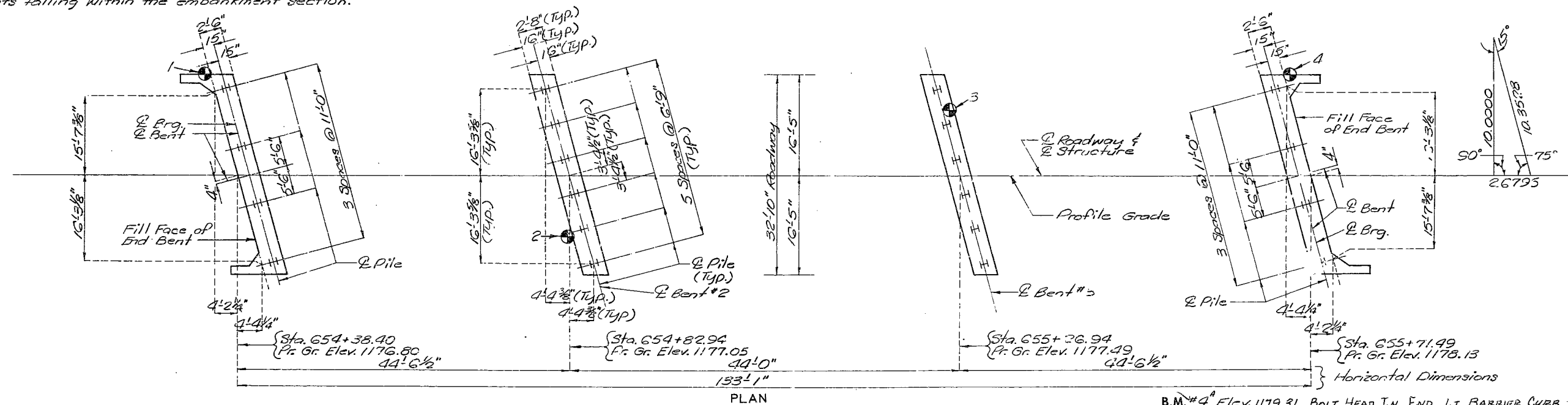
MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

STATE	PROJ NO	SHEET NO
MO.	BRF-32-2(6)	7
SEC/SUR 11	TWP 33N RGS 7W	

FINAL PLANS



Note: Roadway Fill was completed to the final roadway section and up to the elevation of the bottom of the concrete beam within the limits of the structure and not less than 25' in back of the fill face of the end bents before piles were driven for any bents falling within the embankment section.



Note: "B" Indicates location of borings.
For Boring Data, see sheet No. 3.
For Estimated Quantities, Pile Data
and Hydrologic Data, see sheet No. 2.
For Location Sketch and General Note,
see sheet No. 2.

B.M. #4 Elev. 1179.31, BOLT HEAD IN END, LT. BARRIER CURB,
BEG. STA. 654+38.4.

BRIDGE OVER DRY FORK

STATE ROAD FROM LICKING TO SALEM

ABOUT 9 MI. SW. OF SALEM

PROJECT NO. BRF-32-2(6)

STA. 654+38.40

JOB NO. 9 P032 218

RTE. 32

DENT

COUNTY

STD.
STD. 706.35
A-4408

DESIGNED Aug 1984
DETAILED Oct 1984
CHECKED Dec 1984

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

Sheet No. 1A of 13.

DATE

3412

FINAL PLANS

GENERAL NOTES:

Design Specifications: A.H.S.H.T.O. - 1977 and Interims thru 1982. Load Factor Design.

Design Loading: HS20-44
 35#/sq. ft. future wearing surface
 Earth 120#/cu. ft. Equivalent fluid pressure 30"/cu. ft.
 Superstructure: Simply supported, non-composite for Dead Load. Continuous composite for Live Load.

Design Unit Stresses:
 Class B Concrete (Substructure) $f'_c = 3000$ psi
 Class B-1 Concrete (Safety Barrier Curb) $f'_c = 4000$ psi
 Class B-2 Concrete (Superstructure except Prestressed Double Tee Girder and Safety Barrier Curb) $f'_c = 4000$ psi
 Reinforcing Steel (Grade 60) $f_y = 60,000$ psi
 Steel Pile $f_b = 9000$ psi
 For Prestressed Double Tee Girder stresses, see sheets No. 8 and 9.

Neoprene Pads:
 Bearings are 60 durometer Neoprene Pads. Cost of furnishing, fabricating and installing Neoprene Bearing Pads complete in place, paid for at the contract unit price for Plain Neoprene Bearing Pads per each.

Joint Filler:
 All joint filler met the requirement of Std. Spec. 1057.2.4.

Reinforcing Steel:
 Minimum clearance to reinforcing steel is 1 1/2" unless otherwise shown.

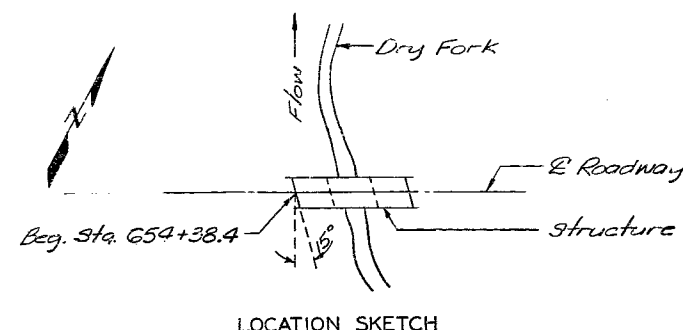
The test system for epoxy coated reinforcement as specified in Sec. 710.3.4 of the Standard Specifications was not required on this job.

ESTIMATED QUANTITIES			
ITEM	LUMP SUM	SUBSTR	SUPERSTR. TOTAL
REMOVAL OF BRIDGES (G-392)			1 ✓
STRUCTURAL STEEL PILE (10 IN.)	LIN. FT. 838		838 ✓
CLASS B CONCRETE	CU. YD. 39.6		39.6 ✓
CLASS B-2 CONCRETE	CU. YD.	125.3	125.3 ✓
PLAIN NEOPRENE BEARING PADS	EACH	60	60 ✓
SAFETY BARRIER CURB	LIN. FT.	295	295 ✓
PRESTRESSED CONCRETE DOUBLE TEE GIRDER 44 FT. SPAN	EACH	15	15 ✓
REINFORCING STEEL	POUND 2370	5040	7410 ✓
REINFORCING STEEL (EPOXY COATED)	POUND	15810	15810 ✓
SLAB DRAINS	EACH	8	8 ✓

Note: All concrete above lower construction joint in end bents is included with superstructure quantities.
 All reinforcement in end bents is included in superstructure quantities.
 No direct payment was made for furnishing, installing, cleaning and painting of bracing at intermediate bents.
 Cost of any required excavation for bridge was included in contract unit price for other items.

PILE DATA					
BENT NO.		1	2	3	4
BEARING PILE	PILE TYPE AND SIZE	HP10X42	HP10X42	HP10X42	HP10X42
	NUMBER	4	6	6	4
	APPROXIMATE LENGTH FT.	36'-69"	34'-53"	37'-45"	34'-37"
	DESIGN BEARING TONS	51	50	50	51
	HAMMER ENERGY REQUIRED FT. LBS.	11,400	11,800	11,800	11,400

Minimum energy requirement of hammer based on plan length and design bearing of piles.
 All piles were driven to practical refusal.



LOCATION SKETCH



Missouri Department of Transportation

Bridge Inventory and Inspection System

State Inspection Report

August 18, 2026

6:54:49am

Maintained by County: DENT

Maintained by District: CD

Class: STBR

Compass Direction: WEST TO EAST

Facility Carried: MO 32 E

Feature Intersected: DRY FK

Bridge Status: OPEN-NORST

Alias:

Federal ID (L.01): 3600

Year Built (W.01): 1985

Bridge #: A4408

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): A4408

Location Description:

Location (L.11): S 11 T 33 R 7 W-

Place (L.030): 72808 TEXAS

PLSS: S 11 T 33 R 7 W

Latitude (L.05): 37 34 43.42 (DMS)

Longitude (L.06): -91 40 30.35 (DMS)

Log Mile (H.07): 165.21

Lanes On (H.08): 2

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

Detour Length (H.17): 21 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): 6-SATISFACTORY 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): 133 FT 0 IN

Max Span Length (G.03): 44 FT 7 IN

Min Span Length (G.04): 44 FT 0 IN

Maximum Bridge Height (G.13):

Vertical Clearane Over (H.13):

Out to Out Width (G.05): 35 FT 6 IN

Curb to Curb Width (G.06): 32 FT 9.6 IN

Left Curb/Sidewalk (G.07): 0 FT 7.2 IN

Right Curb/Sidewalk (G.08): 0 FT 7.2 IN

Approach Width (G.09): 34 FT 0 IN

Wearing Surface Thickness: 1 IN

Fill Depth:

Culvert Barrel Length:

Irregular Deck Area (G.15):

Calculated Deck Area (G.16): 4721.5

Max Skew (G.11): 15

Bridge Median (G.10): NO MEDIAN

Curved Bridge (G.12):

Flared Structure: NO

GENERAL STRUCTURE COMMENTS

(44'-44'-44') P/S CONC DBL-TEE GDR SPANS --(BOWDEJ1, 08/28/2008)

TRAFFIC INFORMATION

Functional Class (H.01): MINOR ART

Average Daily Traffic (H.09): 1794

Average Daily Truck Traffic (H.10): 266

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 = a4408

Page 1

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: DENTClass: STBRFacility Carried: MO 32 EBridge Status: OPEN-NORSTFederal ID (L.01): 3600Bridge #: A4408

Maintained by District: CDCompass Direction: WEST TO EASTFeature Intersected: DRY FKAlias:Year Built (W.01): 1985Rehab #:

APPROVED POSTING INFORMATION						POSTING STATUS CHANGE HISTORY*																	
Category S-1 Ton1 0 Ton2 0 Ton3 0 Text: NO POSTING REQUIRED Comment:	1 <table><tr><th>Posting Class</th><th>Status A</th><th>Status B</th><th>Change Date (PS.02)</th><th>SNBI Code (PS.01)</th><th>Submittal Year</th></tr><tr><td>APPROVED</td><td>PERMANENT</td><td>UNRESTRC OPEN</td><td>5/18/2001</td><td>PO</td><td>2025</td></tr></table>											Posting Class	Status A	Status B	Change Date (PS.02)	SNBI Code (PS.01)	Submittal Year	APPROVED	PERMANENT	UNRESTRC OPEN	5/18/2001	PO	2025
Posting Class	Status A	Status B	Change Date (PS.02)	SNBI Code (PS.01)	Submittal Year																		
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): 7-GOOD CONDITION Rating Date: 5/18/2001	Comments: APPEARS OVRHANG AND BETWEEN EXTERIOR 2 STEMS BECOMIONG SATURATED IN 2016; CRACKING/LEACHING/DELAM; --(TRAMPA, 01/14/2019)
Superstructure Rating (C.02): 6-SATISFACTORY CONDITION Rating Date: 5/18/2001	Comments: L CRACKS@ TOP OF STEMS; LEACH /DIAG CRACKS OF STEMS; --(TRAMPA, 01/14/2019)
Substructure Rating (C.03): 7-GOOD CONDITION Rating Date: 2/8/2024	Comments: FEW CRACKS & MINOR RUSTING. --(OTTINM, 02/03/2015) MODERATE LEACHING. --(GREENA2, 02/08/2024)
Culvert Rating (C.04): N-NOT APPLICABLE Rating Date: 5/18/2001	Comments:
Bridge Railing (C.05): 7-GOOD CONDITION Rating Date: 5/18/2001	Comments:
Transition Railing (C.06): 7-GOOD CONDITION Rating Date: 1/14/2019	Comments:
Bearings Rating (C.07): 6-SATISFACTORY 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:





Missouri Department of Transportation

Bridge Inventory and Inspection System

State Inspection Report

August 18, 2026

6:54:49am

	Missouri Department of Transportation Bridge Inventory and Inspection System State Inspection Report	August 18, 2026 6:54:49am
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Maintained by County:	DENT	Class:	STBR	Facility Carried:	MO 32 E	Bridge Status:	OPEN-NORST	Federal ID (L.01):	3600	Bridge #:	A4408
Maintained by District:	CD	Compass Direction:	WEST TO EAST	Feature Intersected:	DRY FK	Alias:		Year Built (W.01):	1985	Rehab #:	

Channel Protection Rating (C.10): 7-GOOD CONDITION Rating Date: 5/18/2001	Comments: MINOR BRUSH --(OTTINM, 04/07/2015)
Scour Rating (C.11): 8-VERY GOOD CONDITION Rating Date: 5/18/2001 Scour Evaluation: OBSERVED	Comments:
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: Work Zone Note:	Typical Application: Access Note:
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INITIAL INSPECTION

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

FRACTURE CRITICAL INSPECTION

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

Design_No = a4408

Design_No = a4408

Maintained by County: DENT

Class: STBR

Facility Carried: MO 32 E

Bridge Status: OPEN-NORST

Federal ID (L.01): 3600

Bridge #: A4408

Maintained by District: CD

Compass Direction: WEST TO EAST

Feature Intersected: DRY FK

Alias:

Year Built (W.01): 1985

Rehab #:

SCOUR MONITORING 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:

Inspector 3:

Inspector 4:

Inspector 5:

Frequency (IE.05):

Data Entry Date (IE.10):

Submit SNBI:

Inspection Note (IE.11):

Inspection Comment:

OUTFALL INSPECTIONS

Outfall Inspection Required:

Inspection Type:

Inspection Responsibility:

Inspectors

Outfalls Exist:

Inspection Category:

Frequency:

Team Leader (IE.04):

Inspector 2:

Inspector 3:

Inspector 4:

Inspector 5:

Inspection Date:

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
EPOXY POLYMER OVERLAY	2017	1/18/2017	Do minor deck repairs and place an epoxy overlay on the bridge.	STRIP CHIP SEAL AND REDO; --(TRAMPA, 01/18/2017)

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	APPROACH	EAST	REPAIR MAT GUTTERS	2/22/2013	3-PREVIOUS CONVERTED WORK ITEM	2/22/2013	NO			SE CORNER --(MARTEP, 02/22/2013)
DISTRICT ROUTINE	DECK	ROADWAY SURFACE	SEAL DECK WITH IN DECK	10/2/2026	3-PREVIOUS CONVERTED WORK ITEM	11/28/2023	NO			
DISTRICT ROUTINE	APPROACH	APPROACH SLAB / DECK	SEAL JOINTS - HOT POUR	2/11/2014	3-PREVIOUS CONVERTED WORK ITEM	2/11/2014	NO			

Maintained by County: DENT

Class: STBR

Facility Carried: MO 32 E

Bridge Status: OPEN-NORST

Federal ID (L.01): 3600

Bridge #: A4408

Maintained by District: CD

Compass Direction: WEST TO EAST

Feature Intersected: DRY FK

Alias:

Year Built (W.01): 1985

Rehab #:

COMPLETED MAINTENANCE WORK HISTORY										
Responsibility	Work Category	Work Location	Work Recommendation Description	Desired Date	Priority	Entry Date	Completed	Completed By	Completion Date	Comment
DISTRICT	BRIDGE APPROACH	APPROACH ROADWAY	SEAL JOINTS - HOT POUR		MEDIUM	2/5/2002	YES	DISTRICT CREW	8/1/2002	
DISTRICT	BRIDGE APPROACH	APPROACH ROADWAY	LEVEL		MEDIUM	2/5/2002	YES	DISTRICT CREW	8/1/2002	
DISTRICT	BRIDGE SLOPE	SLOPE	REPAIR EROSION		MEDIUM	2/5/2002	YES	DISTRICT CREW	8/1/2002	
DISTRICT SPECIAL	DECK	ROADWAY SURFACE	SEAL DECK WITH IN DECK		MEDIUM	6/1/2012	YES	DISTRICT SPECIAL CREW	7/3/2012	
DISTRICT SPECIAL	DECK	ROADWAY SURFACE	SEAL DECK WITH IN DECK		PREV/REACT	7/3/2015	YES	7DB1	7/11/2016	
DISTRICT SPECIAL	DECK	ROADWAY SURFACE	SEAL DECK WITH IN DECK		PREV/REACT	7/11/2019	YES	DISTRICT SPECIAL CREW	10/2/2023	
DISTRICT SPECIAL	APPROACH	ALL	CLEAN DRAIN BASINS		PREV/REACT	5/12/2021	YES	DISTRICT SPECIAL CREW	5/18/2021	
DISTRICT ROUTINE	DECK	ROADWAY SURFACE	CLEAN AND FLUSH		PREV/REACT	5/14/2014	YES	DISTRICT ROUTINE	5/15/2014	

UTILITY ATTACHMENTS									
Utility Type	Owner	Attachment Method	Number	Measurement Type	Value	Unit of Measurement	Agreement	Annual Payment	Comment

PAINT INFORMATION									
Overall Condition: GOOD		Rust Rating: 8=0.1% OF SURFACE RUSTED				Steel Tonnage: 0.0			
Paint Category	Paint Type Code	Paint Long Name	Paint Manufacturer	Paint Color	Year Applied	Thickness (Mils)	Surface Preparation	Level of Painting/Location	Comment
ORIGINAL	B SYSTEM	BASIC LEAD CHROMIUM		ALUMINUM	1986	7			

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)			

Maintained by County: DENTClass: STBRFacility Carried: MO 32 EBridge Status: OPEN-NORSTFederal ID (L.01): 3600Bridge #: A4408

Maintained by District: CDCompass Direction: WEST TO EASTFeature Intersected: DRY FKAlias:Year Built (W.01): 1985Rehab #:

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 6:54:49am		
Maintained by County: DENT		Class: STBR	Facility Carried: MO 32 E		Bridge Status: OPEN-NORST		Federal ID (L.01): 3600	Bridge #: A4408
Maintained by District: CD		Compass Direction: WEST TO EAST	Feature Intersected: DRY FK		Alias:		Year Built (W.01): 1985	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: GALVANIZED STEEL		Overall Condition:		Component Comment:		
Component Type: RAIL END TREATMENT		Construction: BREAKAWAY SYSTEM		Direction: ALL		SKT --(TRAMPA, 01/14/2019)		
Manufacturer: SKT								
Condition Comment:								
Associated Span: SPAN 1		Material: GALVANIZED STEEL		Overall Condition:		Component Comment:		
Component Type: APPROACH RAILING		Construction: W-BEAM		Direction: ALL				
Condition Comment:								
Associated Span: SPAN 1		Material: ASPHALT		Overall Condition: GOOD		Component Comment:		
Component Type: APPROACH PAVEMENT		Construction: BITUMINOUS MAT		Direction: BOTH				
Condition Comment:								
Associated Span: SPAN 1		Material: GALVANIZED STEEL		Overall Condition:		Component Comment:		
Component Type: TRANSITION RAILING		Construction: THRIE BEAM TO W-BEAM		Direction: ALL				
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: SAFETY BARRIER CURB		Direction: BOTH				
Crash Test Level:		Crash Test Height:		Field Measured Height:		Substandard:		
Condition Comment: MANY-RANDCRACKS-THROUGHOUT__02/10/14, OTTINM MODERATE-EFFLORESCE-THROUGHOUT__02/10/14, OTTINM --(BMSCONV, 01/09/2026)								
Design_No = a4408								
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: MO 32 E	Bridge Status: OPEN-NORST	Federal ID (L.01): 3600	Bridge #: A4408
Maintained by District: CD	Compass Direction: WEST TO EAST	Feature Intersected: DRY FK	Alias:	Year Built (W.01): 1985	Rehab #:
Associated Span: SPAN 1	Material: GALVANIZED STEEL	Overall Condition:	Component Comment:		
Component Type: DRAINAGE	Construction: FLOOR DRAIN	Direction:			
Condition Comment:					
Associated Span: SPAN 1	Material: REINFORCED CONCRETE	Overall Condition:	Component Comment:		
Component Type: DRAINAGE	Construction: DRAIN BASIN-END BENT	Direction:			
Condition Comment:					

SUPERSTRUCTURE COMPONENTS										
Series Information:		Series Order	Label	Type	# Spans	# Bean Lines	Continuity	Related Series	Protective Coating	Series Component Comment:
		1		MAIN SPAN	3		CONTINUOUS		NONE	
Span Order	Component Type	Label		Material			Construction		Length	Span Component Comment:
1	MAIN SPAN			PRESTRESS CONCRETE PRETEN			DOUBLE TEES - ADJ		44' - 7"	
Condition Comments: FINE-LONGCRACKS-TOPFLANGE__02/27/03, WILSOJ NOTAPPLIC-OTHER-TOPFLANGE__02/01/21, MEYERM3__LEACHING MINOR-LEACHING-DIAPHRAGMS__02/01/21, MEYERM3__END. MINOR-DIAGCRACKS-TOPOFSTEM__02/25/19, RAITHK__GDR1 MINOR-LEACHING-TOPOFSTEM__02/25/19, RAITHK__GDR1 MINOR-LEACHING-GDRENCASMT__02/01/21, MEYERM3 MINOR-DETERIORAT-EDGE__02/01/21, 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: COATING - EPOXY COATED	
Deck Interaction: COMPOSITE-UNSHORED CONSTR		Construction: CAST-IN-PLACE		
Condition Comment:				

		Missouri Department of Transportation Bridge Inventory and Inspection System State Inspection Report				August 18, 2026 6:54:49am		
Maintained by County: DENT		Class: STBR	Facility Carried: MO 32 E		Bridge Status: OPEN-NORST		Federal ID (L.01): 3600	Bridge #: A4408
Maintained by District: CD		Compass Direction: WEST TO EAST	Feature Intersected: DRY FK		Alias:		Year Built (W.01): 1985	Rehab #:
WEARING SURFACE COMPONENT								
Associated Span: SPAN 1		Material: ASPHALT		Overall Condition: GOOD		Wearing Surface Component Comment:		
Component Type: WEARING SURFACE		Construction: BITUMINOUS SEAL COAT				SEALED IN 91. --(WILSOJ, 02/27/2003) ASPHALT OVERLAY? 1" --(RAITHK, 02/25/2019)		
Condition Comment:								
MISCELLANEOUS COMPONENTS								
Associated Span:		Material:		Overall Condition:		Component Comment:		
Component Type:		Construction:						
Condition Comment:								
BANK PROTECTION AND SLOPE PROTECTION COMPONENTS								
Associated Span: SPAN 1		Material: ROCK		Overall Condition:		Component Comment:		
Component Type: BANK PROTECTION		Construction: BLANKET		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: 15		Foundation Support:		
Label:		Construction: ABUT - INTEGRAL		Skew Direction: RIGHT ADV		Foundation Protective System:		
Substructure Component Comment:								
Condition Comment:								
Design_No = a4408								
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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.								

		Missouri Department of Transportation Bridge Inventory and Inspection System State Inspection Report			August 18, 2026 6:54:49am	
Maintained by County: DENT		Class: STBR	Facility Carried: MO 32 E	Bridge Status: OPEN-NORST	Federal ID (L.01): 3600	Bridge #: A4408
Maintained by District: CD		Compass Direction: WEST TO EAST	Feature Intersected: DRY FK	Alias:	Year Built (W.01): 1985	Rehab #:
ASSOCIATED SUBSTRUCTURE COMPONENTS						
Associated Substructure: ABUTMENT 1 Component Type: FIXED BEARING		Material: ELASTOMERIC Construction: PLAIN NEOPRENE		Overall Condition:	Component Comment:	
Condition Comment:						
Associated Substructure: ABUTMENT 1 Component Type: BEAM CAP		Material: REINFORCED CONCRETE Construction: CAST-IN-PLACE		Overall Condition:	Component Comment:	
Condition Comment: RANDOM-VERTCRACKS-FRONT FACE__01/30/17, STEGEC LIGHT-LEACHING-ENDS__02/01/21, MEYERM3 --(BMSCONV, 01/09/2026) MINOR SETTLEMENT AT SOUTH END WITH 1 H-PILE EXPOSED 6". --(GREENA2, 02/19/2026)						
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: DIAPHRAGM		Material: REINFORCED CONCRETE Construction: CAST-IN-PLACE		Overall Condition:	Component Comment:	
Condition Comment: MODERATE-LEACHING-DIAPH ENDS__02/10/14, OTTINM MODERATE-VERTCRACKS-DIAPH ENDS__02/10/14, OTTINM --(BMSCONV, 01/09/2026)						
Associated Substructure: ABUTMENT 1 Component Type: PILING		Material: STEEL Construction: H-SHAPE		Overall Condition:	Component Comment:	
Condition Comment:						

Design_No = a4408

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Maintained by County:	DENT	Class:	STBR	Facility Carried:	MO 32 E	Bridge Status:	OPEN-NORST	Federal ID (L.01):	3600	Bridge #:	A4408
Maintained by District:	CD	Compass Direction:	WEST TO EAST	Feature Intersected:	DRY FK	Alias:		Year Built (W.01):	1985	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:	REINFORCED CONCRETE	Overall Condition:		Component Comment:
Component Type:	BRIDGE RAILING	Construction:	SAFETY BARRIER CURB	Direction:		
Crash Test Level:		Crash Test Height:		Field Measured Height:		
Condition Comment:						
Associated Span:	SPAN 2	Material:	GALVANIZED STEEL	Overall Condition:		Component Comment:
Component Type:	DRAINAGE	Construction:	FLOOR DRAIN	Direction:		
Condition Comment:						

SUPERSTRUCTURE COMPONENTS									
Series Order		Label	Type	# Spans	# Bean Lines	Continuity	Related Series	Protective Coating	Series Component Comment:
Series Information:		1	MAIN SPAN	3		CONTINUOUS		NONE	
Span Order	Component Type	Label	Material			Construction		Length	Span Component Comment:
2	MAIN SPAN		PRESTRESS CONCRETE PRETEN			DOUBLE TEES - ADJ		44' - 0"	
Condition Comments: FINE-LONGCRACKS-TOPFLANGE__02/27/03, WILSOJ NOTAPPLIC-OTHER-TOPFLANGE__02/01/21, MEYERM3__LEACHING SMALL-SPALLS-GDR1__02/16/22, GREENA2 --(BMSCONV, 01/09/2026)									

Maintained by County: DENTClass: STBRFacility Carried: MO 32 EBridge Status: OPEN-NORSTFederal ID (L.01): 3600Bridge #: A4408

Maintained by District: CDCompass Direction: WEST TO EASTFeature Intersected: DRY FKAlias:Year Built (W.01): 1985Rehab #:

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: COATING - EPOXY COATED	
Deck Interaction: COMPOSITE-UNSHORED CONSTR	Construction: CAST-IN-PLACE		
Condition Comment:			

WEARING SURFACE COMPONENT			
Associated Span: SPAN 2	Material: ASPHALT	Overall Condition: GOOD	Wearing Surface Component Comment: SEALED IN 91. --(WILSOJ, 02/27/2003) ASPHALT OVERLAY? 1" --(RAITHK, 02/25/2019)
Component Type: WEARING SURFACE	Construction: BITUMINOUS SEAL COAT		
Condition Comment:			

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

BANK PROTECTION AND SLOPE PROTECTION COMPONENTS			
Associated Span:	Material:	Overall Condition:	Component Comment:
Component Type:	Construction:	Direction:	
Condition Comment:			

Maintained by County: DENT	Class: STBR	Facility Carried: MO 32 E	Bridge Status: OPEN-NORST	Federal ID (L.01): 3600	Bridge #: A4408
Maintained by District: CD	Compass Direction: WEST TO EAST	Feature Intersected: DRY FK	Alias:	Year Built (W.01): 1985	Rehab #:
SUBSTRUCTURE COMPONENTS					
Associated Span: SPAN 2	Compoment Type: BENT	Related Substructure:	Sub Protective System:		
Substructure Order: 2	Material: REINFORCED CONCRETE CIP	Skew: 15	Foundation Support:		
Label:	Construction: BENT - PILE CAP	Skew Direction: RIGHT ADV	Foundation Protective System:		
Substructure Component Comment:					
Condition Comment:					

Maintained by County: DENTClass: STBRFacility Carried: MO 32 EBridge Status: OPEN-NORSTFederal ID (L.01): 3600Bridge #: A4408

Maintained by District: CDCompass Direction: WEST TO EASTFeature Intersected: DRY FKAlias:Year Built (W.01): 1985Rehab #:

ASSOCIATED SUBSTRUCTURE COMPONENTS			
Associated Substructure: BENT 2 Component Type: FIXED BEARING		Material: ELASTOMERIC Construction: PLAIN NEOPRENE	Overall Condition: Component Comment:
Condition Comment:			
Associated Substructure: BENT 2 Component Type: BEAM CAP		Material: REINFORCED CONCRETE Construction: CAST-IN-PLACE	Overall Condition: Component Comment:
Condition Comment: MODERATE-LEACHING-ENDS__01/30/17, STEGEC --(GREENA2, 02/19/2026)			
Associated Substructure: BENT 2 Component Type: DIAPHRAGM		Material: REINFORCED CONCRETE Construction: CAST-IN-PLACE	Overall Condition: Component Comment:
Condition Comment: MODERATE-LEACHING-DIAPH ENDS__02/11/14, OTTINM MODERATE-VERTCRACKS-DIAPH ENDS__02/11/14, OTTINM --(BMSCONV, 01/09/2026)			
Associated Substructure: BENT 2 Component Type: PILING		Material: STEEL Construction: H-SHAPE	Overall Condition: Component Comment:
Condition Comment: LIGHT-RUSTING-GROUNDLINE__02/16/22, GREENA2__AND TOP ALSO. --(BMSCONV, 01/09/2026)			

Maintained by County: DENT

Class: STBR

Facility Carried: MO 32 E

Bridge Status: OPEN-NORST

Federal ID (L.01): 3600

Bridge #: A4408

Maintained by District: CD

Compass Direction: WEST TO EAST

Feature Intersected: DRY FK

Alias:

Year Built (W.01): 1985

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: GALVANIZED STEEL		Overall Condition:		Component Comment:
Component Type: RAIL END TREATMENT		Construction: BREAKAWAY SYSTEM		Direction:		
Manufacturer: SKT						
Condition Comment:						
Associated Span: SPAN 3		Material: GALVANIZED STEEL		Overall Condition:		Component Comment:
Component Type: APPROACH RAILING		Construction: W-BEAM		Direction:		
Condition Comment:						
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: GALVANIZED STEEL		Overall Condition:		Component Comment:
Component Type: TRANSITION RAILING		Construction: THRIE BEAM TO W-BEAM		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: SAFETY BARRIER CURB		Direction:		
Crash Test Level:	Crash Test Height:	Field Measured Height:	Substandard:			
Condition Comment:						

Maintained by County: DENT	Class: STBR	Facility Carried: MO 32 E	Bridge Status: OPEN-NORST	Federal ID (L.01): 3600	Bridge #: A4408
Maintained by District: CD	Compass Direction: WEST TO EAST	Feature Intersected: DRY FK	Alias:	Year Built (W.01): 1985	Rehab #:
Associated Span: SPAN 3	Material: GALVANIZED STEEL	Overall Condition:	Component Comment:		
Component Type: DRAINAGE	Construction: FLOOR DRAIN	Direction:			
Condition Comment:					
Associated Span: SPAN 3	Material: REINFORCED CONCRETE	Overall Condition:	Component Comment:		
Component Type: DRAINAGE	Construction: DRAIN BASIN-END BENT	Direction:			
Condition Comment:					

SUPERSTRUCTURE COMPONENTS										
Series Information:		Series Order	Label	Type	# Spans	# Bean Lines	Continuity	Related Series	Protective Coating	Series Component Comment:
		1		MAIN SPAN	3		CONTINUOUS		NONE	
Span Order	Component Type	Label		Material			Construction		Length	Span Component Comment:
3	MAIN SPAN			PRESTRESS CONCRETE PRETEN			DOUBLE TEES - ADJ		44' - 7"	
Condition Comments: FINE-LONGCRACKS-TOPFLANGE__02/27/03, WILSOJ NOTAPPLIC-OTHER-TOPFLANGE__02/01/21, MEYERM3__LEACHING MINOR-DIAGCRACKS-TOPOFSTEM__02/25/19, RAITHK__GDR1 @ ABUT MINOR-LEACHING-TOPOFSTEM__02/25/19, RAITHK__GDR1 @ ABUT MINOR-LEACHING-GDRENCASMT__02/01/21, MEYERM3 --(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: COATING - EPOXY COATED	
Deck Interaction: COMPOSITE-UNSHORED CONSTR		Construction: CAST-IN-PLACE		
Condition Comment:				

Maintained by County: DENTClass: STBRFacility Carried: MO 32 EBridge Status: OPEN-NORSTFederal ID (L.01): 3600Bridge #: A4408

Maintained by District: CDCompass Direction: WEST TO EASTFeature Intersected: DRY FKAlias:Year Built (W.01): 1985Rehab #:

WEARING SURFACE COMPONENT			
Associated Span: SPAN 3	Material: ASPHALT	Overall Condition: GOOD	Wearing Surface Component Comment: SEALED IN 91. --(WILSOJ, 02/27/2003) ASPHALT OVERLAY? 1" --(RAITHK, 02/25/2019)
Component Type: WEARING SURFACE	Construction: BITUMINOUS SEAL COAT		
Condition Comment:			

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: BLANKET	Direction:	
Condition Comment:			

Maintained by County: DENT	Class: STBR	Facility Carried: MO 32 E	Bridge Status: OPEN-NORST	Federal ID (L.01): 3600	Bridge #: A4408
Maintained by District: CD	Compass Direction: WEST TO EAST	Feature Intersected: DRY FK	Alias:	Year Built (W.01): 1985	Rehab #:

SUBSTRUCTURE COMPONENTS

Associated Span: SPAN 3

Substructure Order: 3

Label:

Compoment Type: BENT

Material: REINFORCED CONCRETE CIP

Construction: BENT - PILE CAP

Related Substructure:

Skew: 15

Skew Direction: RIGHT ADV

Sub Protective System:

Foundation Support:

Foundation Protective System:

Substructure Component Comment:

Condition Comment:

Associated Span: SPAN 3

Substructure Order: 4

Label:

Compoment Type: ABUTMENT

Material: REINFORCED CONCRETE CIP

Construction: ABUT - INTEGRAL

Related Substructure:

Skew: 15

Skew Direction: RIGHT ADV

Sub Protective System:

Foundation Support:

Foundation Protective System:

Substructure Component Comment:

Condition Comment:

Maintained by County: DENTClass: STBRFacility Carried: MO 32 EBridge Status: OPEN-NORSTFederal ID (L.01): 3600Bridge #: A4408

Maintained by District: CDCompass Direction: WEST TO EASTFeature Intersected: DRY FKAlias:Year Built (W.01): 1985Rehab #:

ASSOCIATED SUBSTRUCTURE COMPONENTS			
Associated Substructure: BENT 3 Component Type: FIXED BEARING	Material: ELASTOMERIC Construction: PLAIN NEOPRENE	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: FEW-HISTLSPALL-RANDOM__02/11/14, OTTINM__CAP END. MODERATE-LEACHING-ENDS__02/08/24, GREENA2 --(GREENA2, 02/19/2026)			
Associated Substructure: BENT 3 Component Type: DIAPHRAGM	Material: REINFORCED CONCRETE Construction: CAST-IN-PLACE	Overall Condition:	Component Comment:
Condition Comment: MODERATE-LEACHING-DIAPH ENDS__04/20/15, OTTINM MODERATE-VERTCRACKS-DIAPH ENDS__04/20/15, OTTINM --(BMSCONV, 01/09/2026)			
Associated Substructure: BENT 3 Component Type: PILING	Material: STEEL Construction: H-SHAPE	Overall Condition:	Component Comment:
Condition Comment: MINOR-RUSTING-TOP__04/07/15, OTTINM__ABOUT 6' BELOW X BR. --(BMSCONV, 01/09/2026)			
Associated Substructure: ABUTMENT 4 Component Type: FIXED BEARING	Material: ELASTOMERIC Construction: PLAIN NEOPRENE	Overall Condition:	Component Comment:
Condition Comment:			

Maintained by County:	DENT	Class:	STBR	Facility Carried:	MO 32 E	Bridge Status:	OPEN-NORST	Federal ID (L.01):	3600	Bridge #:	A4408
Maintained by District:	CD	Compass Direction:	WEST TO EAST	Feature Intersected:	DRY FK	Alias:		Year Built (W.01):	1985	Rehab #:	
Associated Substructure:	ABUTMENT 4	Material:	REINFORCED CONCRETE	Overall Condition:		Component Comment:					
Component Type:	BEAM CAP	Construction:	CAST-IN-PLACE								
Condition Comment:	FEW-VERTCRACKS-RANDOM__02/11/14, OTTINM LIGHT-LEACHING-ENDS__02/08/24, GREENA2 --(BMSCONV, 01/09/2026)										
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
7:19:13am

COUNTY : DENT BRIDGE : A4408 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.	3600	5D	Route Number	00032
27	Year Built	1985	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	MO 32 E
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	YES
21	Structure Maintenance	STATE HIGHWAY AGENCY	13A	LRS Inventory Route No.	0000001056
22	Structure Owner	STATE HIGHWAY AGENCY	13B	Subroute No.	00
33	Br. Median Code	NO MEDIAN	20	Toll Status	ON FREE ROAD
37	Historical Significance	NOT ELIGIBLE FOR NR OF HP	26	Functional Classification	06-RURAL MINOR ARTERIAL
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	YES
STRUCTURE LOCATION INFORMATION			STRUCTURE TRAFFIC INFORMATION		
4	Place	TEXAS	29	AADT	1743
	Code	72808	30	AADT Year	2024
9	Location	S 11 T 33 N R 7 W	102	Direction of Traffic	2-WAY TRAFFIC
11	Milepoint	166.17 miles	109	AADT Truck Percent	15%
16	Latitude	37 D 34 M 43 S	114	Future AADT	2615
17	Longitude	91 D 40 M 30 S	115	Future AADT Year	2044
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	DRY FK	10	Inventory Rte. Vert. Clear	99 Ft. 99 In.
42B	Type of Service Under	WATERWAY	19	By pass Detour Length	21.25 miles
28B	Lanes Under Structure	00	32	Approach Roadway Width	34 Ft. 1 In.
54A	Vert. Clearance Ref.	N/A	34	Skew	15.00 Degrees
54B	Vert. Clearance	0 Ft. 0 In.	35	Struct. Flared	NO
55A	Rt. Lat Clear Ref.	N/A	47	Total Horiz. Clear	34 Ft. 1 In.
55B	Rt. Lat Clearance	0 Ft. 0 In.	48	Maximum Span Length	44 Ft. 7 In.
56	Left Lat Clearance	0 Ft. 0 In.	49	Structure Length	132 Ft. 10 In.
38	Navigation Control	PERMIT NOT REQ	50A	Left Curb/Sidewalk Width	0 Ft. 8 In.
39	Nav Vertical Clear	0 Ft. 0 In.	50B	Right Curb/Sidewalk Width	0 Ft. 8 In.
40	Nav Horizontal Clear	0 Ft. 0 In.	51	Curb to Curb Br. Width	32 Ft. 10 In.
111	Nav. Pier Protection		52	Deck Width (Out-Out)	35 Ft. 5 In.
116	Nav. Cl. Vert. Clear		53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = a4408

Page: 1

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

August 18, 2026
7:19:13am

COUNTY : DENT BRIDGE : A4408 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	HS 20	43A	Main Struc. Mat type	PRESTRSED CONCRETE CONTIN
41	Structure Status	OPEN NO RESTRICTIONS	43B	Main struc Constr. Type	TEE BEAM
63	Oper. Rating Meth.	LOAD FACTOR	45	# of Main Spans	3
64	Operating Rating	84 Tons.	44A	Appr Struc. Mat type	000
65	Inventory Rating Meth	LOAD FACTOR	44B	Appr Struc. Cnstr. type	000
66	Inventory Rating	51 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 96.2 Percent			108B	Membrane Mat/Constr.	0 NONE
Deficiency Rating NOT DEFICIENT			108C	Deck Protect Mat/Constr.	1 EPOXY
Funding Eligibility			CONDITION RATING INFORMATION		
75A	Proposed Work		58	Deck Cond. Rating	7
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	MEETS ACCEPTBLE STND	92A	Frac. Critical Inspection	N Months
36B	Transition Rail App. Rating	MEETS ACCEPTBLE STND	93A	Frac. Critical Insp. Date	
36C	Approach Rail App. Rating	MEETS ACCEPTBLE STND	92B	Underwater Inspection	N Months
36D	Rail End Treat. App. Rating	MEETS ACCEPTBLE STND	93B	Underwater Insp. Date	
67	Struc Eval App. Rating	6	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		

Design_No = a4408