

12/19

Job No. JSE0279

Replaces Bridge No. N0606

Missouri Department of Transportation

Bridge Survey Location Request

Page 1 to be completed by District staff.

Bridge over: Apple Creek Route: O
 County: Perry Section: 29 Township: 34 Range: 11E
 Latitude: 37°37'3.39"N Longitude: 89°50'53.08"W
 District Contact: Bryan Ferguson Date: 08/27/2025

HIGH WATER ELEVATIONS AT PROPOSED BRIDGE SITE

Recorded high water elevations or elevation of high water marks

Extreme High Water (EHW) (Give date(s) of occurrence)		
Elevations and date(s) of same	Location	Source of information
11.4ft Below Deck, Dec 1990	West End	Dist. High Water Books
Existing Bridge Overtopped ☐ Yes ☒ No ☐ Unknown		Existing Roadway Overtopped ☐ Yes ☐ No ☒ Unknown
		Approx. Overtopping Location(s):

LOCATION OF NEW BRIDGE

Replace in Existing Location	☒	Provide details of any proposed changes to profile grade below or as an attachment.
Relocation (near existing Structure)	☐	Provide details of proposed location and grade of the roadway across the floodplain, any proposed/potential channel changes or modifications, etc. below or as an attachment.
New Route	☐	
Other:	☐	

Additional Information:

Page 2 & subsequent pages to be completed by Bridge Division

Note: Proposed elevations, distances, etc. are based on the best available data at the time the form was completed. Actual field conditions or recently acquired data may require deviation from the proposed values. Please contact the Bridge Division with concerns regarding the proposed values or if large deviations from these values are required.

Note: The information below supplements the survey requirements noted in the EPG, please consult EPG 238 for additional surveying requirements.

Bridge Contact: Anthony Kariuki, (573) 522-8712, Anthony.Kariuki@modot.mo.gov

Survey Type: **2D Survey**

Stream Crossing Survey Location Details (2D)				
Item	Requirement	Standard Guidance		Specific Guidance
LIDAR Data (EPG 238.3.36.3.5.1)	Elevation	5' min. Above Extreme High Water [on Overbanks Perpendicular (more or less) to Stream Flow]		Minimum Elevation = 505'
	Upstream & Downstream Distance	Contraction and Expansion Limits of Existing/Proposed Crossing		Use Upstream and Downstream Limits shown in Image and kmz files
Streambed Profiles** (EPG 238.3.36.3.6)	Length	To Upstream and Downstream Limits shown in Image and kmz files		Use Standard Guidance
	Elevation Intervals	Within 500' of Crossing	Natural Stream 25'	Use Standard Guidance
		Beyond 500' from Crossing	At Vertical and Horizontal Break Points (200' max.)	Use Standard Guidance (see EPG 238.3.36.3.6 if a significant slope change is encountered)
Bathymetric Channel Sections	Location	At or near the locations shown in the image and kmz files.		Use Standard Guidance Location of sections may be moved to nearby locations that are transition points in width or slope of the channel. Additional sections may be added if more sections are needed to capture these transitions adequately.
	Orientation	Perpendicular to channel		Use Standard Guidance
	Terminal Point	Water Surface Elevation or Ordinary High Water Elevation Mark for dry or shallow streams (EPG 127.4.1.1) Note: OHW Mark may be different at each section.		See Bathymetric Channel Section Details Below

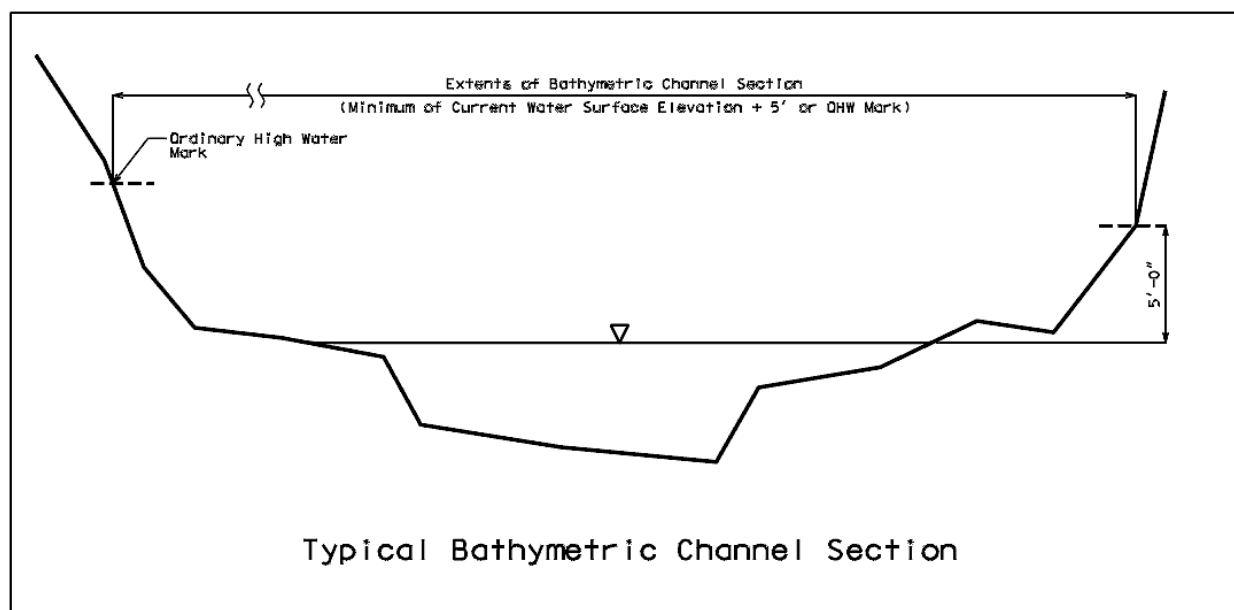
Item	Requirement	Standard Guidance		Specific Guidance
Water Surface Profile (EPG 238.3.36.3.7)	Water Surface Profile Data Needed? ☐ Yes ☒ No			
	Locations with flowing water	Drainage Ditch	100' and 200' each side of Crossing	Use Water Surface Profile Standard Guidance

Item	Requirement	Standard Guidance	Specific Guidance
Existing Bridge Data	Existing Bridge Data Needed? ☐ Yes ☒ No		
	Description	Provide General Description	N/A

Item	Requirement	Standard Guidance	Specific Guidance
Other Bridges (EPG 238.3.36.3.10)	Other Bridge Data Needed? ☐ Yes ☒ No		
	Description	Provide General Description	N/A

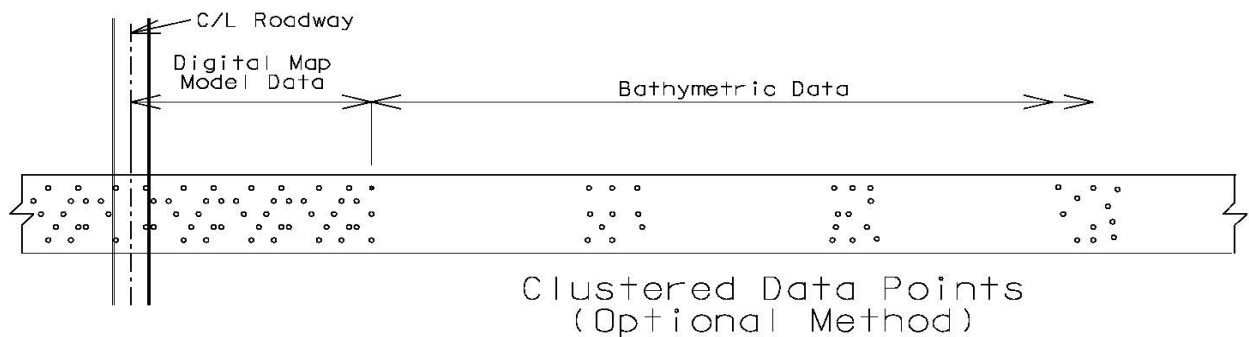
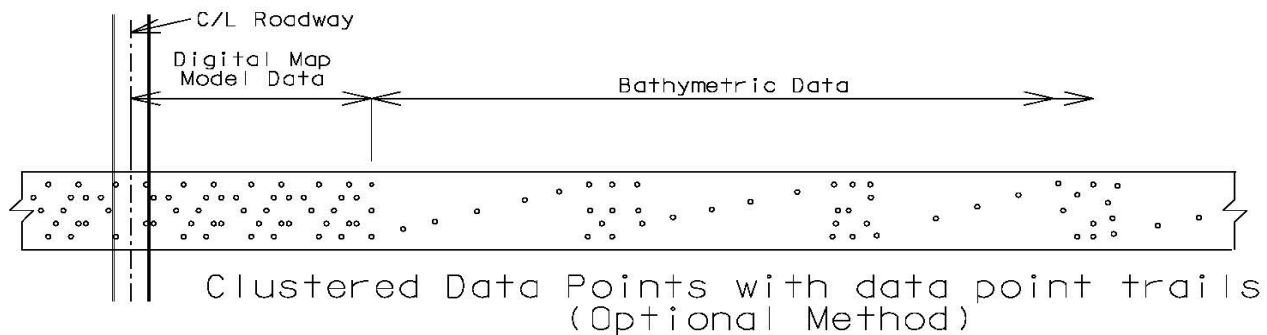
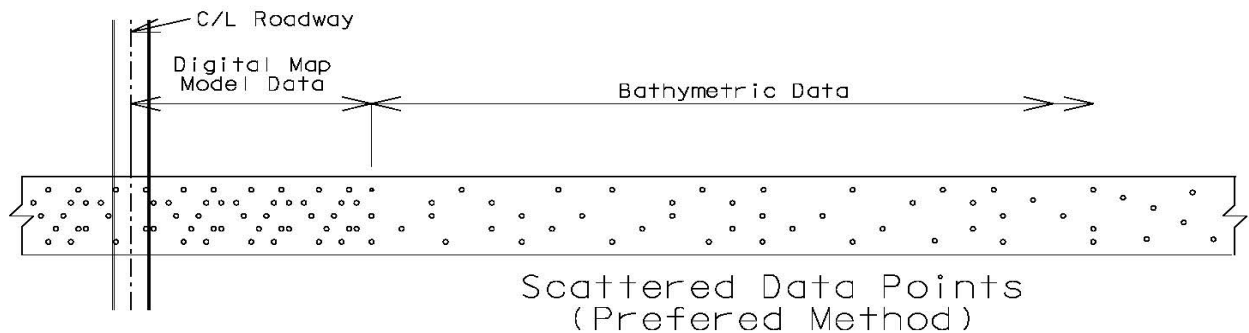
Bathymetric Channel Section Details:

- **Dry or Shallow Streams** - Sections should extend to an elevation equal to:
 - Minimum of the current water surface plus 5',
 - or the Ordinary High Water mark (EPG 127.4.1.1.)
 - May be single row of field shots or cluster of shots near the section location.



- **Floatable Streams:**
 - Conventional Survey:
 - Sections should extend to an elevation equal to the current water surface elevation.
 - May be single row of field shots or cluster of shots near the section location.

- Sonar Survey:
 - Data should extend as near to the current water surface elevation as feasible.
 - Example data collection methods are shown below:
 - Scattered data points for the full extent of the survey are preferred.
 - Data points concentrated at survey cross section locations are an acceptable alternative.



Example Sonar Data Collection Methods

Additional Information:

The streambed profile data and bathymetric channel section data should **not** be included in the terrain file. 3rd party LIDAR, MoDOT survey data (conventional or LIDAR) should be provided as separate terrain files. See PDF Provided for Stream limits.

Additional Documents Provided:

Image & kmz file showing LIDAR Data Limits and special channel section locations.

Details for Completion of Stream Crossing Bridge Survey				
Item	Requirement	Standard Guidance		Specific Guidance
Centerline and Offset (3 Line) Profiles (EPG 238.3.36.1.3 & EPG 747.2.3.4.1)	Centerline and Offset (3-Line) Profiles Needed? ☒ Yes ☐ No			
	C/L Profile	Terminal Point	Sufficiently Past End of Bridge	Use Standard 3-Line Profile Guidance
	Upstream Offset Profile	Terminal Point	Sufficiently Past End of Bridge	Use Standard 3-Line Profile Guidance
		Offset Distance	On Natural Ground	Estimated Distance = 30'
	Downstream Offset Profile	Terminal Point	Sufficiently Past End of Bridge	Use Standard 3-Line Profile Guidance
		Offset Distance	On Natural Ground	Estimated Distance = 30'
	Special			
Contracted Profile (EPG 747.2.3.4.2)	C/L Profile	Terminal Point of Grade Change		Use Standard Contracted Profile Guidance
	Note: - Only the centerline profile is needed. - The full centerline profile may be included with 3-Line profile when practical, and the Contracted Profile Sheet eliminated.			

Roadway Design Notes for Bridge Survey:

The Bridge Survey should include all the pertinent items listed in [EPG 747](#) and the [Bridge Survey Checklist](#) except for the following:

- Valley Section sheets
- Channel Section sheets
- Water Surface Profile
- Other structures

A geo file will be needed for use in developing the bathymetric terrain in the hydraulic model.

Geo file requirements:

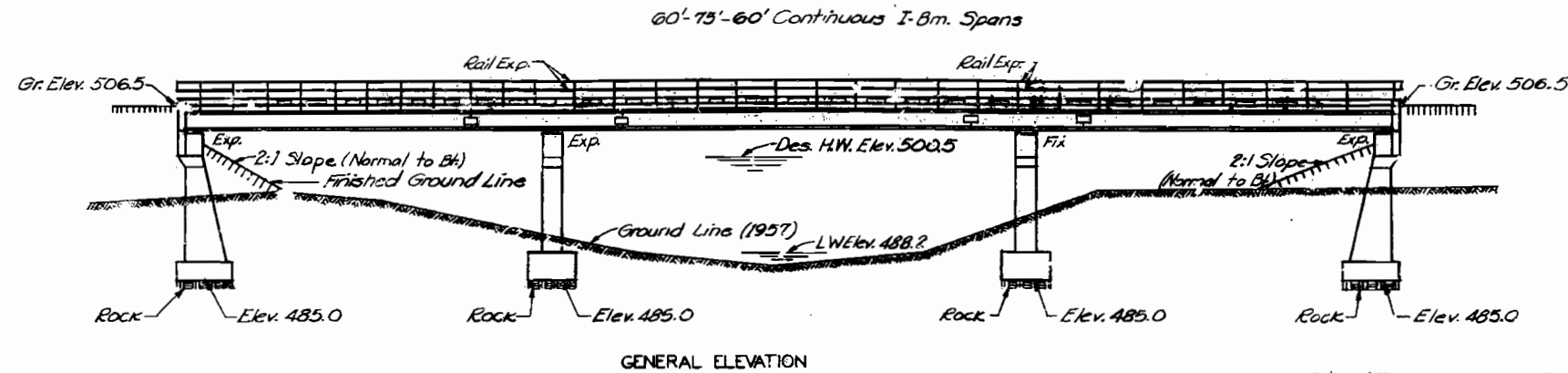
- The geo file should contain:
 - the streambed profile,
 - offset profiles
 - and Bathymetric Channel Section survey data
- In the GEO/HEC Converter spreadsheet the Bathymetric Channel Sections can be placed in either the Valley Section or Channel Section fields.
- If the stream bed profile is not provided, or does not extend to all the sections, use the coordinates and elevation of the low point of channel section as the coordinates and elevations to create a profile or extend the surveyed profile.

Bridge Design Notes:

TMS Flood Reports do not indicate road closures due to flooding; FEMA FIRMette 29157C0380C eff. 8/2/2011, Zone A

MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.		19	26	



GENERAL ELEVATION

Note: All loose, shelly, or disintegrated rock shall be removed and the footings placed on hard, solid, undisturbed rock. If soft rock or shale is encountered the footings shall be carried at least 18" into and cast against vertical faces of same.

GENERAL NOTES:

Design Specifications A.A.S.H.O. 1953
Loading H10-44

Structural Steel Stress 18,000 $\frac{lb}{sq\ in}$

Reinforcing Steel Stress 18,000 $\frac{lb}{sq\ in}$

Class B Concrete Stress 1900 $\frac{lb}{sq\ in}$

All concrete shall be Class B.

Rivets $\frac{3}{4}$ " holes $\frac{1}{2}$ " except as noted.

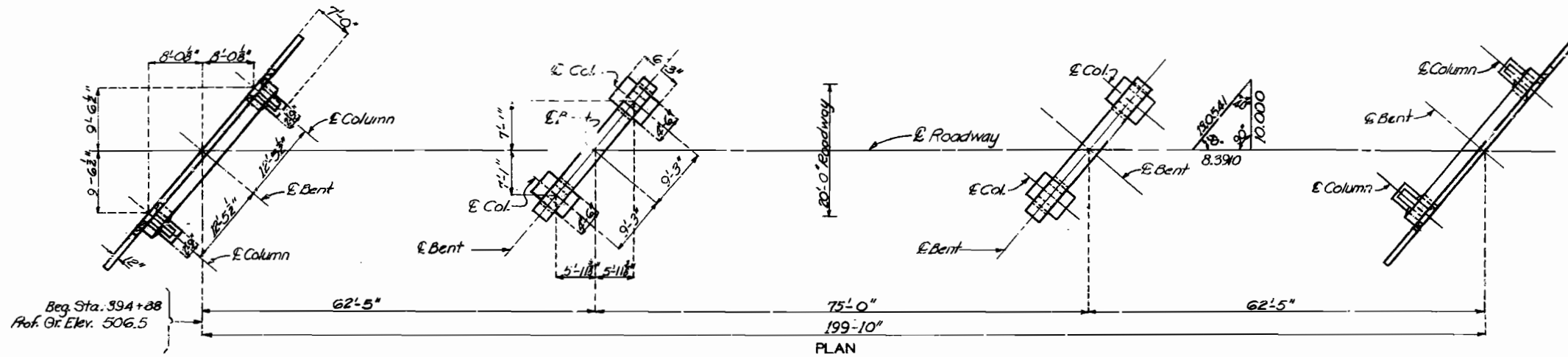
Field connections shall be riveted except as noted in handrail details, or if the contractor desires to eliminate all field riveting on this project he may use high tensile steel bolts with carburized washers for the expansion device and the beam splices in the continuous spans and American Standard Regular machine bolts for other field connections except for the $\frac{3}{4}$ " rivet head bolts specified for handrail. See Standard Specifications.

Qualification of welding operators will be required.

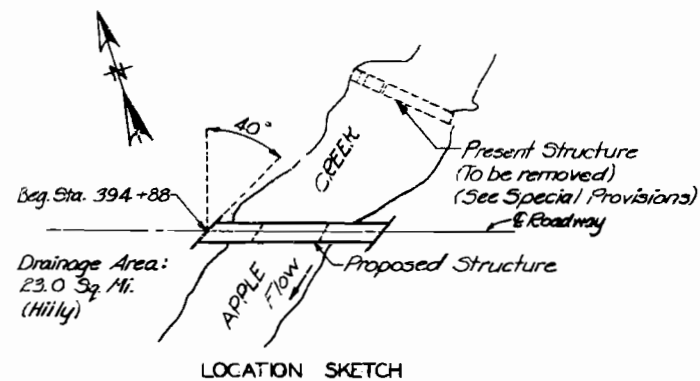
Paint: Shop, none; Field, contact surfaces of bolted field connections, except where high tensile bolts are used, one coat of red lead and surfaces inaccessible after erection three coats of red lead. No other paint to be applied by Contractor. Red lead required shall be furnished by Contractor. Payment for cleaning and painting such surfaces will be included in unit price bid for Fabricated Structural Steel.

If high tensile steel bolts are used they shall be placed in such a manner that the nuts will always be in the least exposed position.

Where joint filler is specified on the plans it shall conform with the requirements for Premoulded Material for Filler as given in Section 59-22D of the Standard Specifications.



PLAN



LOCATION SKETCH

ESTIMATED QUANTITIES			
Item	Substr.	Superstr.	Total
Class 1 Excavation for Structures	Cu.Yds.	90	90
Class 2 Excavation for Structures	Cu.Yds.	70	70
Class B Concrete	Cu.Yds.	88.6	36.3 124.9
* Fabricated Structural Steel	Lbs.	103,300	103,300
Reinforcing Steel	Lbs.	(9995)	19,345 29,340
Gray Iron Alloy Castings	Lbs.	10,095	4,510 14,605

Note: Excavation for bridge made above Elev. 489.0 will be paid for as Class 1 Excavation for Structures.

Excavation for bridge made below Elev. 489.0 will be paid for as Class 2 Excavation for Structures.

* Final pay weight for Fabricated Structural Steel will be based on using field rivets except for bolted connections specified on handrail

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

B.M. #11 A Elev. 499.07. Spike in trunk of 7" Walnut 36' Lt. Sta. 396+75 (U.S.G.S. Datum)

BRIDGE OVER APPLE CREEK

STATE ROAD FROM RTE. 51 EASTERLY TO RTE. 58
ABOUT 18 MILES SW OF MCBRIDE
PROJECT NO. DS-1645 (2) (SO) STA. 394+88

PERRY

COUNTY

SUBMITTED BY J. Williams DATE 5-21-58
APPROVED BY Ray M. Whitton DATE 5-21-58
CHIEF ENGINEER

Drawn Mar. 1958 by J.M.G.
Checked May 1958 by B.J.P.

Sheet No. 1 of 6.

SEE FINAL PLANS BROWN-LINES

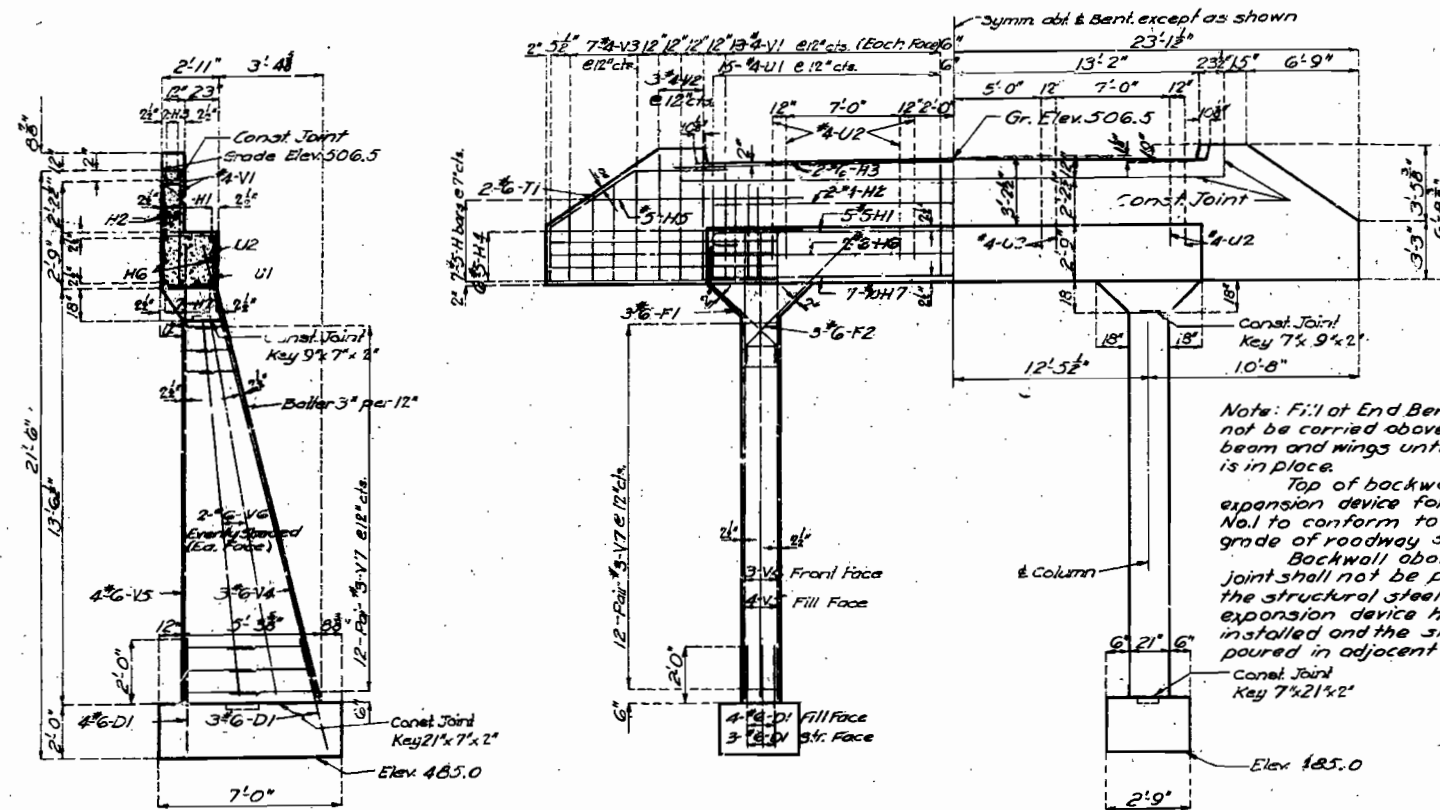
Rev. 8-5-58 by B.J.P.

STD. C10-R5

N-606

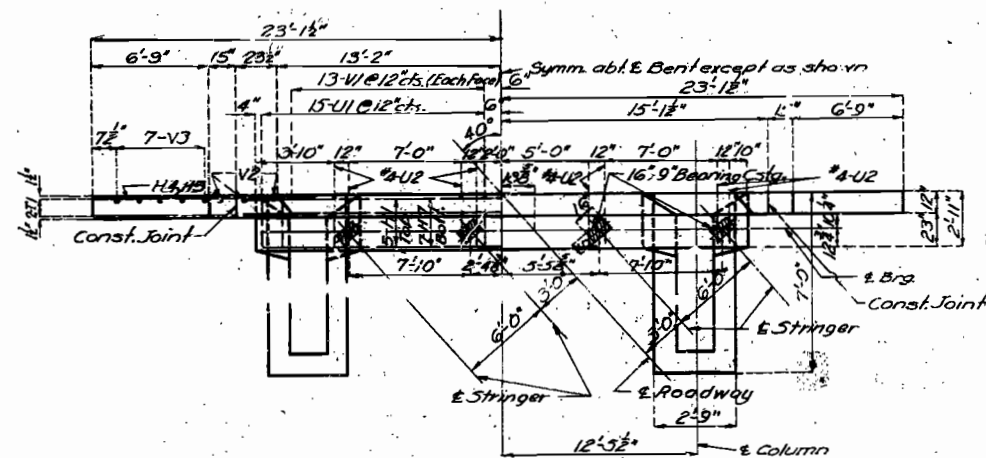
MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.		19	27	



SECTION AT E

ELEVATION



PLAN

DETAILS OF END BENT NO. 1

COMPLETE BILL OF REINFORCING STEEL									
No.	Size	Length	Mark	Location	Cutting Diagrams & Bending Sketches				
End Bent No. 1									
6	#6	7'-0"	F1	Haunch					
6	#6	7'-0"	F2	"					
14	#6	4'-0"	D1	Footling					
5	#5	31'-6"	H1	Beam					
2	#4	29'-5"	H2	Blkwall					
2	#6	30'-0"	H3	Blkwall					
12	#5	9'-9"	H4	Wing					
2	#5	9'-6"	H5	"					
2	#6	29'-3"	H6	Beam					
7	#10	29'-3"	H7	"					
4	#6	15'-6"	T1	Wing					
30	#4	11'-0"	U1	Beam					
8	#4	3'-6"	U2	"					
52	#4	5'-6"	V1	Blkwall					
6	#4	6'-3"	V2	Wing					
7	#4	9'-6"	V3	"					
6	#6	16'-3"	V4	Col.					
8	#6	16'-0"	V5	"					
8	#6	13'-6"	V6	"					
24	#3	11'-9"	V7	"					
8	#2	19'-9"	W1	A.B. Wells					
Int. Bents No. 2 & 3									
32	#7	4'-9"	D2	Footling					
32	#6	8'-0"	F3	Haunch					
12	#9	26'-5"	G1	Beam					
10	#9	28'-9"	G2	"					
4	#6	26'-5"	G3	"					
32	#7	14'-6"	P1	Column					
44	#3	9'-9"	P2	"					
54	#4	9'-9"	U3	Beam					
16	#4	3'-3"	U4	"					
16	#2	19'-9"	W1	A.B. Wells					
Superstructure									
710	#4	22'-0"	S1	Slab					
68	#4	23'-6"	S2	"					
224	#4	23'-9"	S3	"					
56	#4	16'-0"	S4	"					
1	#4	28'-9"	S5	"					
280	#5	2'-9"	C1	Curb					
12	#6	31'-0"	C2	"					
18	#6	26'-5"	C3	"					
12	#6	32'-6"	C4	"					

BRIDGE OVER APPLE CREEK

STATE ROAD FROM RTE. 51 EASTERLY TO RTE. 58
ABOUT 18 MILES S.W. OF M^o BRIDE
PROJECT NO. D5-1845(2) (SO) STA. 394+28

PERRY

COUNTY

Assembled Mar. 1958 by B.R.G. - C.E.C. & J.H.K.
Checked May 1958 by B.G.P.

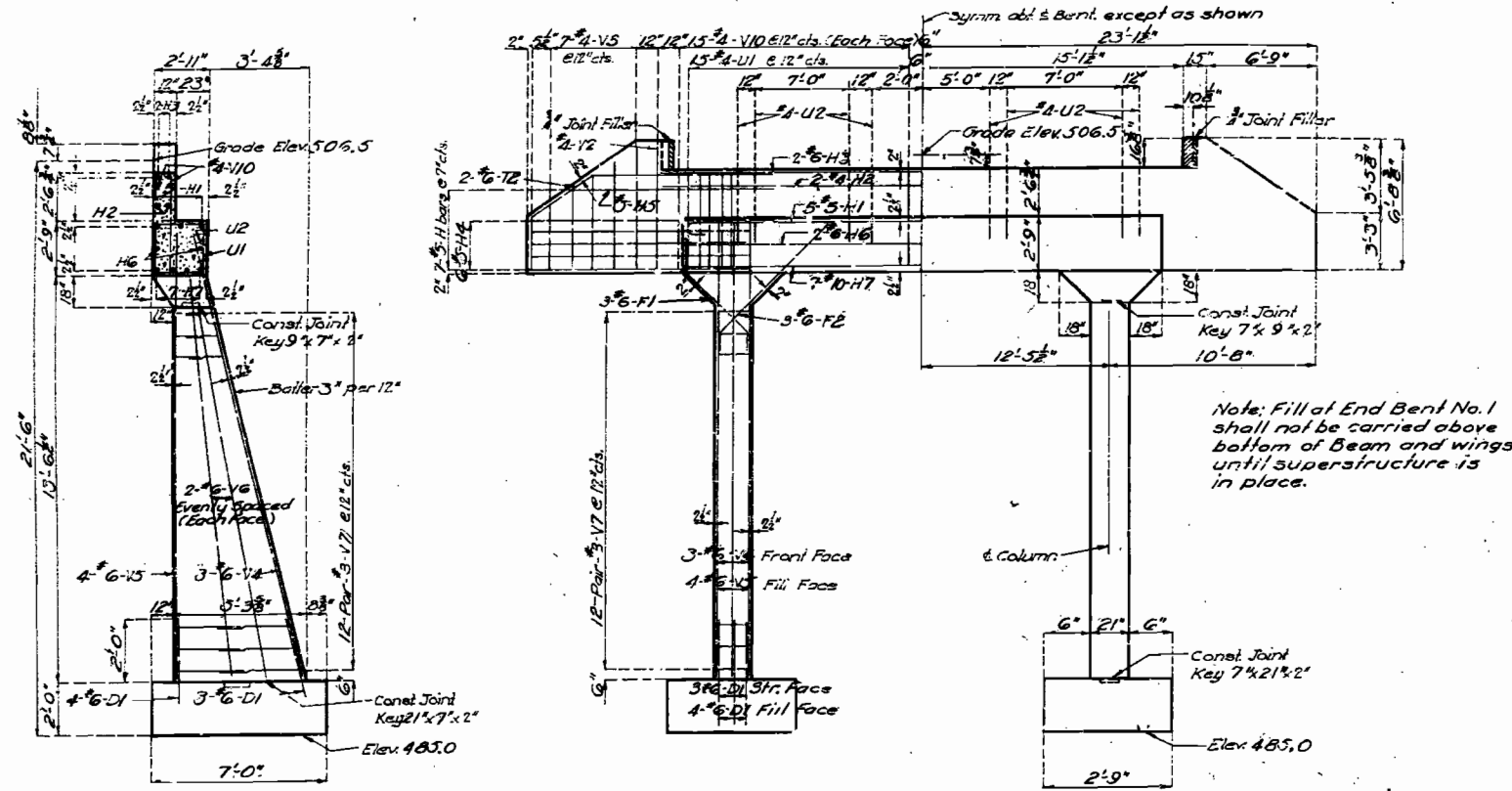
Note: This drawing is not to scale. Follow dimensions.

Sheet No. 2 of 2.
SEE FINAL PLANS BROWN-LINES

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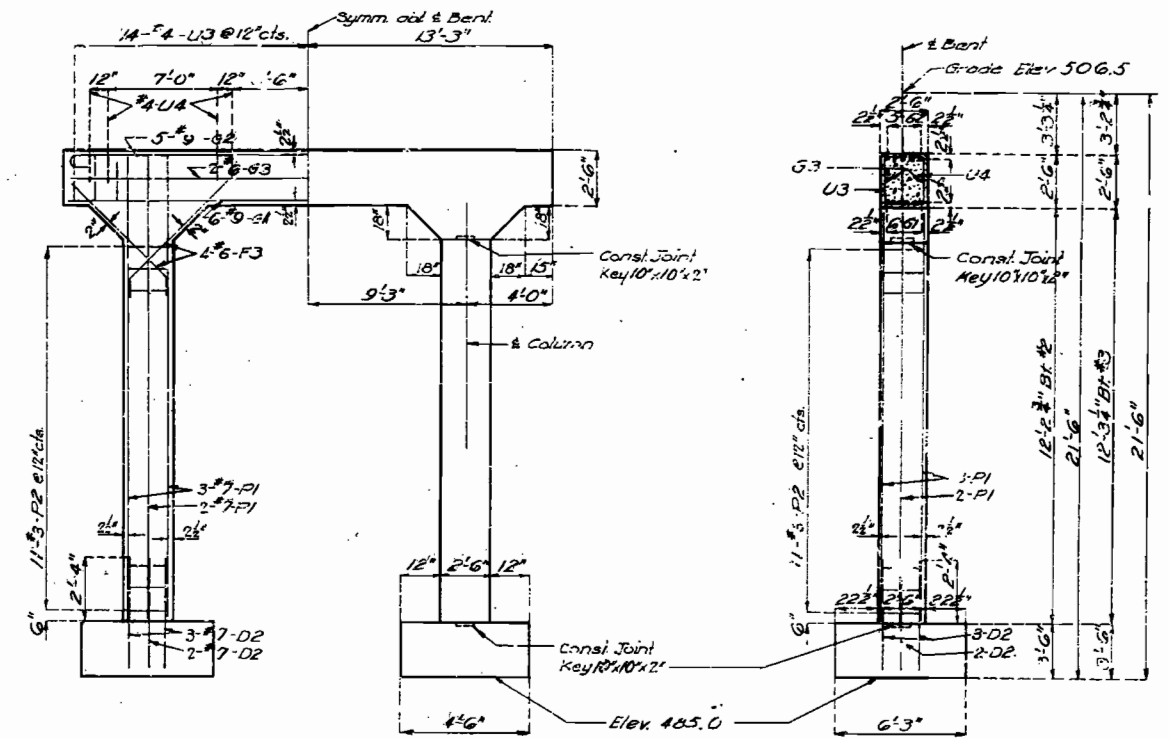
MISSOURI STATE HIGHWAY DEPARTMENT

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5	MO.		19	28	



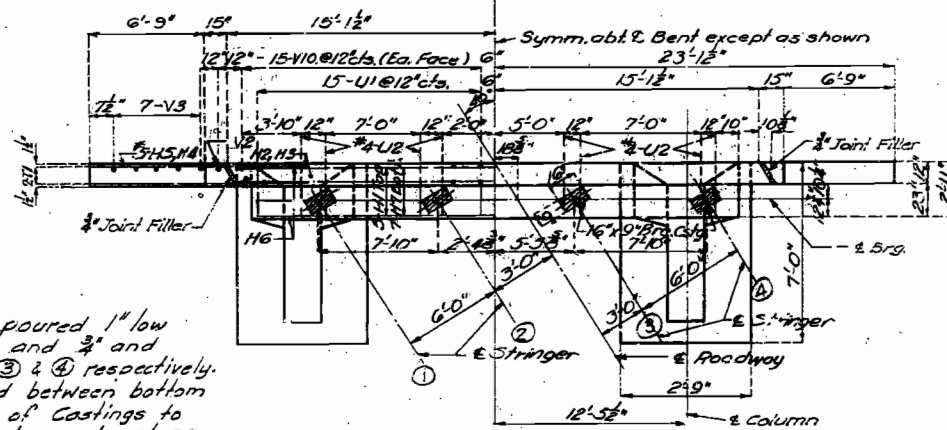
SECTION AT E

ELEVATION



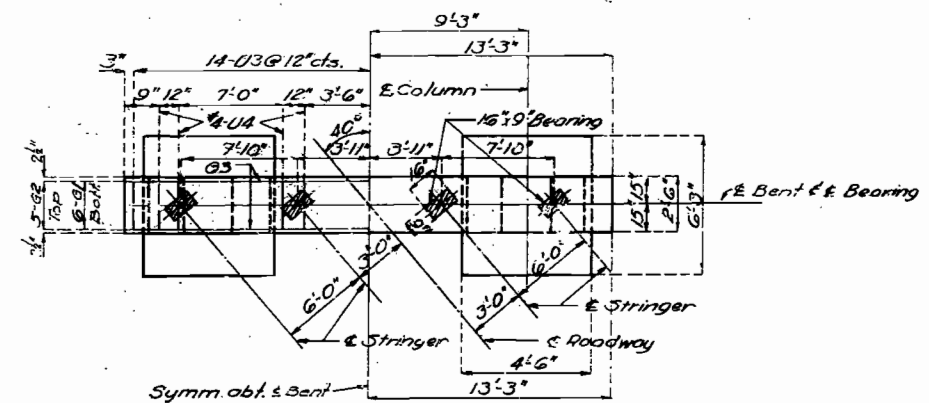
ELEVATION

SECTION AT E



PLAN

DETAILS OF END BENT NO. 4



PLAN

DETAILS OF INT. BENTS NO. 2 & 3

BRIDGE OVER APPLE CREEK

STATE ROAD FROM RTE. 51 EASTERLY TO RTE. SB
ABOUT 18 MILES S.W. OF MBRIDE
PROJECT NO. DS-1645(2) (SC) STA. 394+88

PERRY

COUNTY

Assembled Mar. 1958 by B.R.G. - C.E.C. & J.H.K.
Checked May 1958 by B.J.P.

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

Sheet No. 3 of 6.

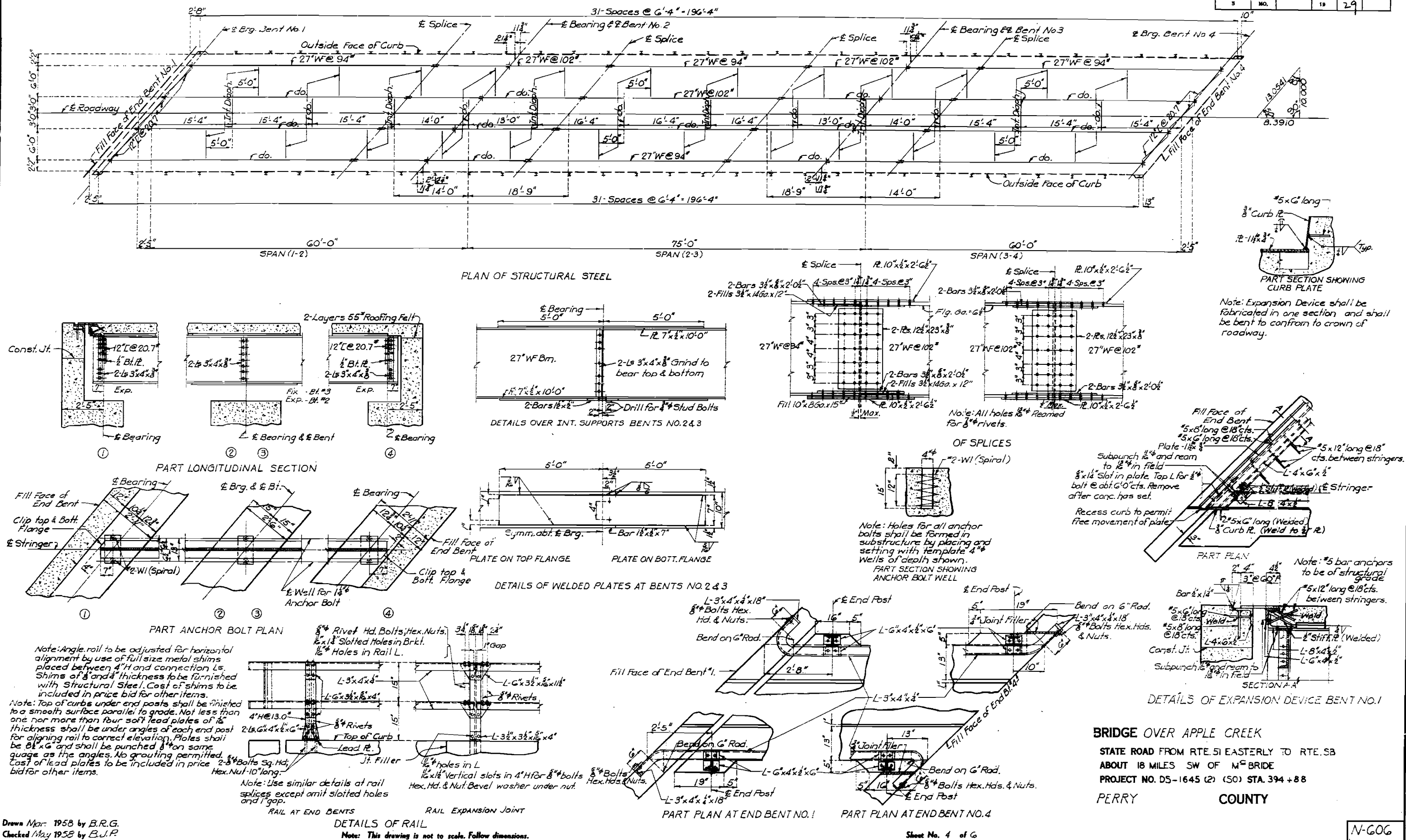
SEE FINAL PLANS BROWN-LINES

N-606

2 Col. End & 2 Col. Int. 20' or 24' Row.
Square & Skewed H10

38

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
5	MO.		19	29	



BRIDGE OVER APPLE CREEK
STATE ROAD FROM RTE. 51 EASTERLY TO RTE. 53
ABOUT 18 MILES SW OF M^C BRIDE
PROJECT NO. DS-1645 (2) (50) STA. 394 + 88
PERRY COUNTY

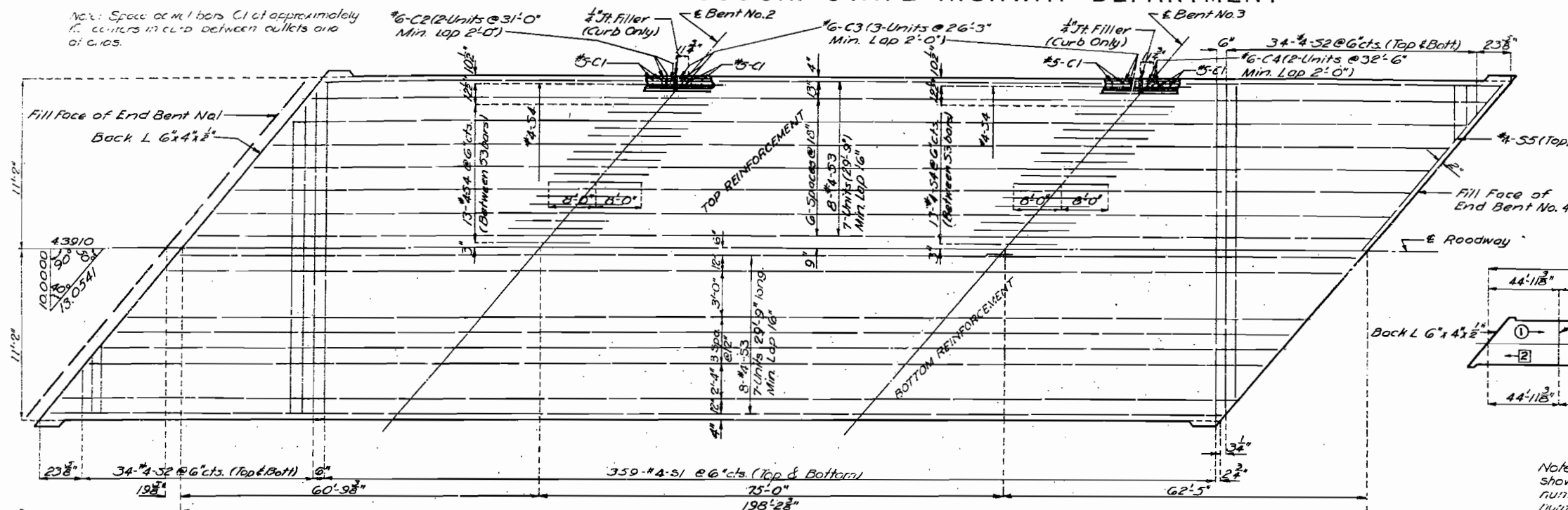
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NO CONSTRUCTION CHANGES

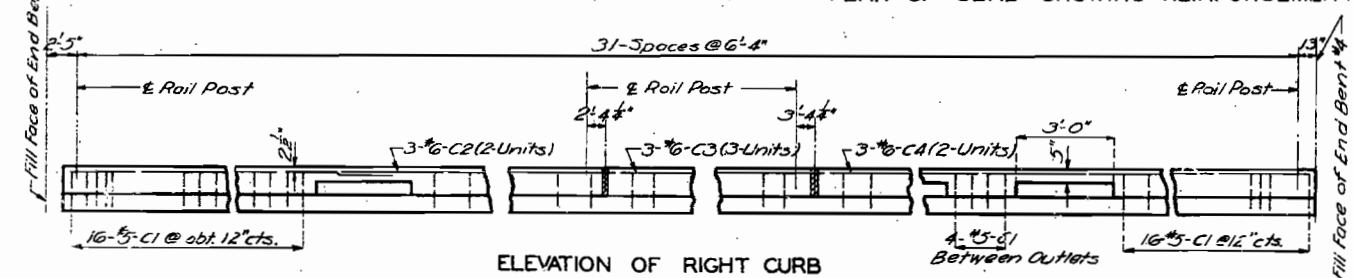
N-606

MISSOURI STATE HIGHWAY DEPARTMENT

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5	MO		19	30	

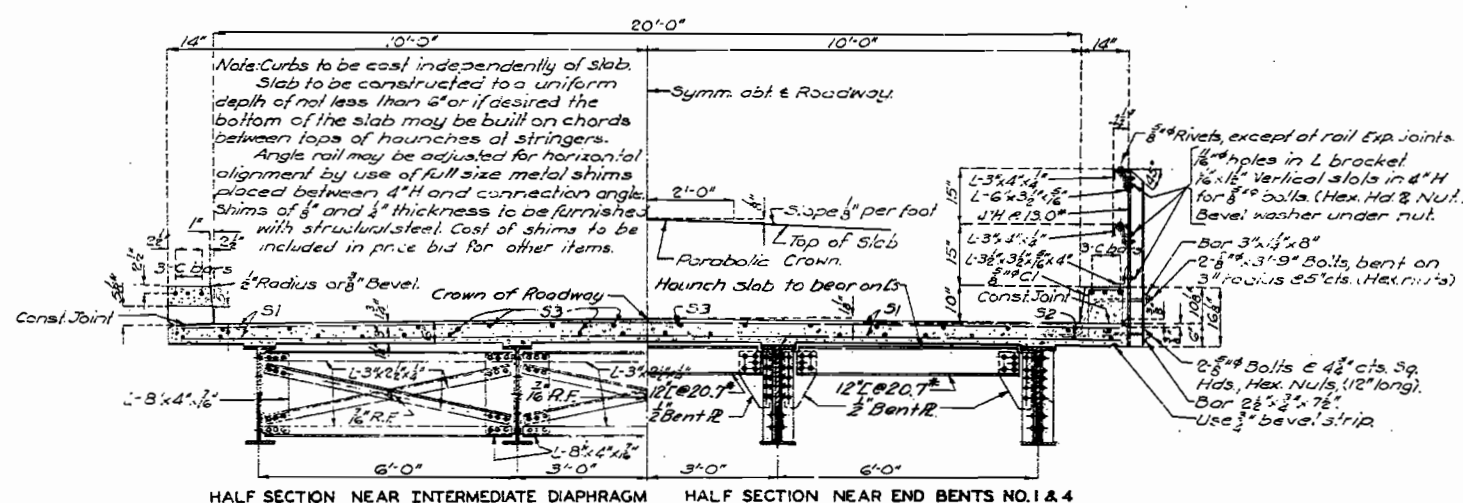


PLAN OF SLAB SHOWING REINFORCEMENT

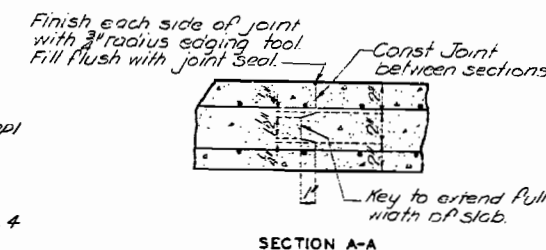


ELEVATION OF RIGHT CURB

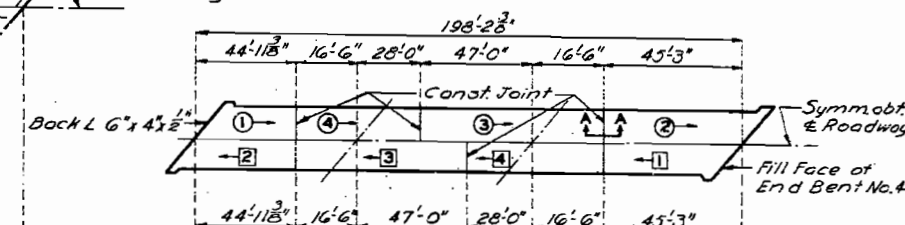
Note: Omit outlets in two rail panels at each end of bridge. Outlets shall be centered between rail posts.



HALF SECTION NEAR INTERMEDIATE DIAPHRAGM HALF SECTION NEAR END BENTS NO. 1 & 4



SECTION A-A



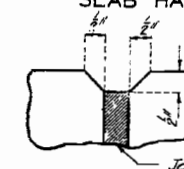
Note: The slab shall be poured in sections of the lengths shown above and in the sequence indicated by the numbers 1, 2, 3, and 4 as an alternate, by the numbers 1, 2, 3, and 4. The separate pours shall progress in the direction indicated by the arrows. Longitudinal construction joints will not be permitted. See Section 16-3E of Supplemental Specifications.

SLAB POURING SEQUENCE



SLAB HAUNCHING DIAGRAM

Note: Slab shall be built parallel to grade and to a uniform thickness of 6\"/>



Note: Use bevel as shown for exposed faces of all filled joints.

DETAILS OF BEVEL FOR FILLED JOINTS

BRIDGE OVER APPLE CREEK

STATE ROAD FROM RTE. 51 EASTERLY TO RTE. 58
ABOUT 18 MILES S.W. OF MCBRIDE
PROJECT NO. DS-1645(2) (SO) STA. 394+88
PERRY COUNTY

Assembled Mar. 1958 by B.R.G. & C.E.C.
Checked May 1958 by B.J.P.

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

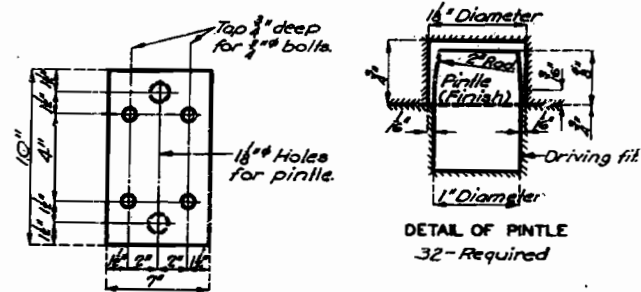
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NO CONSTRUCTION CHANGES

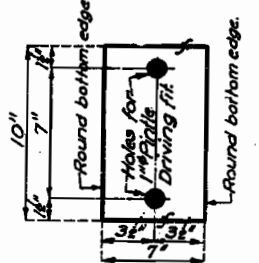
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MISSOURI STATE HIGHWAY DEPARTMENT

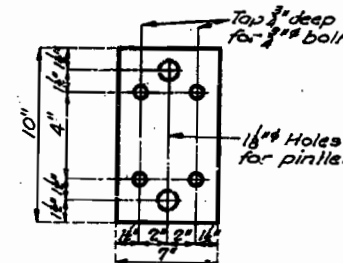
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO.		19	31	



TOP PLATE - EXP.



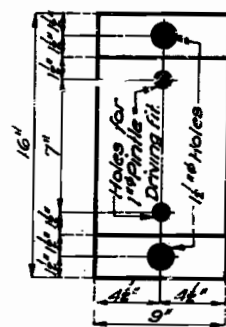
FLOATER PLATE - EXP.



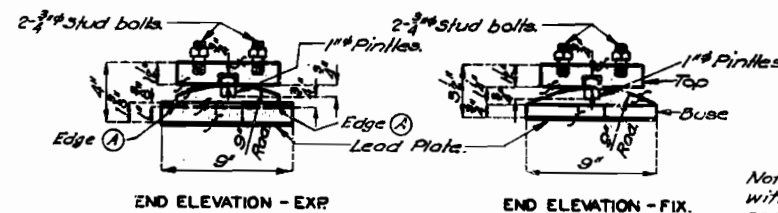
TOP PLATE - FIX.



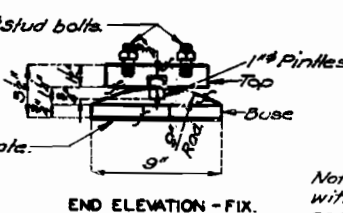
BOTTOM PLATE - EXP.



BOTTOM PLATE - FIX.



END ELEVATION - EXP.



END ELEVATION - FIX.

TYPE "B"

Required:
12-sets of Expansion castings
4-sets of Fixed castings

Note: Anchor bolts to be 1/2" swaged bolts with Hex. nuts and shall extend 12" into concrete.
Lead plates under bearings shall be approximately 8" thickness and weigh 8" 15g. ft. Cast of lead plates to be included in price bid for other items.
Bolts, nuts and pintles shall be paid for as Fabricated Structural Steel.
Edge (A) to be rounded (1/2" to 3" radius).
Castings to be either Gray Iron Alloy or cast Steel but payment will be made as Gray Iron Alloy.
Finish all surfaces marked 'S'.

DETAILS OF BEARING CASTINGS

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

Sheet No. 6 of 6.

NO CONSTRUCTION CHANGES

BRIDGE OVER APPLE CREEK

STATE ROAD FROM RTE. 51 EASTERLY TO RTE. 58

ABOUT 16 MILES S.W. OF MCBRIDE

PROJECT NO. DS-1645(2) (SO) STA. 394+88

PERRY

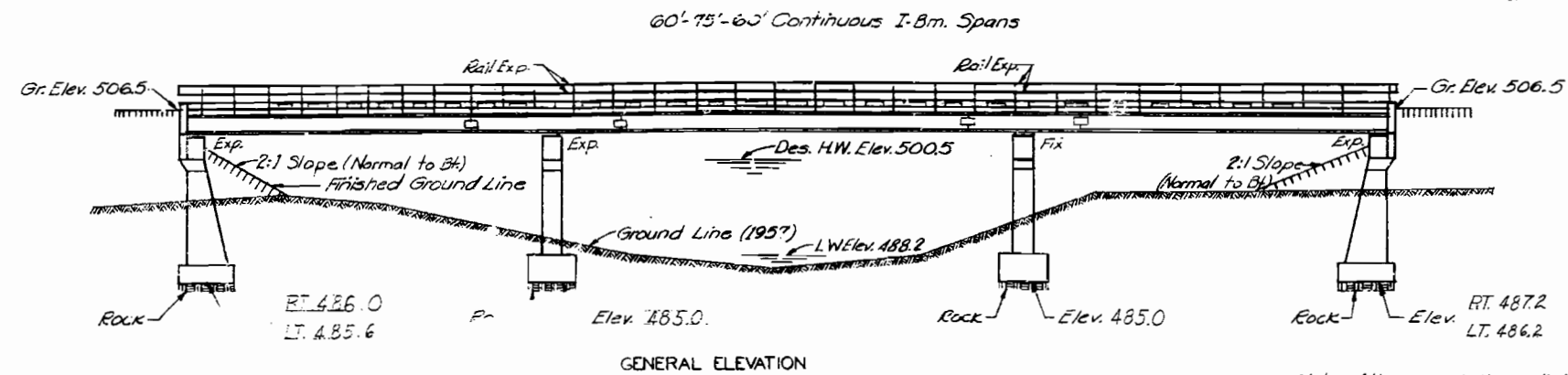
COUNTY

Assembled March 1958 by B.R.G. & C.E.C.
Checked May 1958 by B.J.P.

N-606

MISSOURI STATE HIGHWAY DEPARTMENT

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

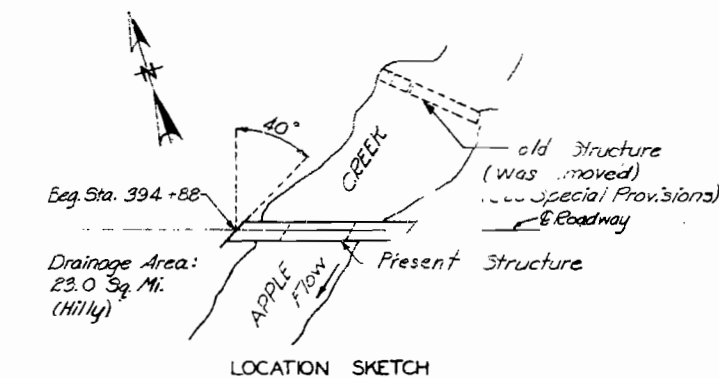
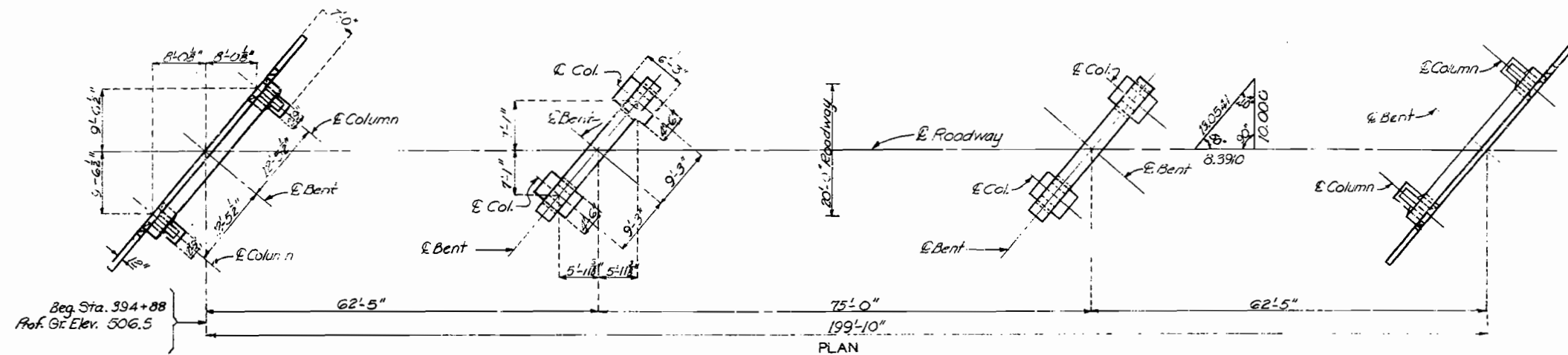


Note: All loose, shelly, or disintegrated rock was removed and the footings placed on hard, solid, undisturbed rock. If soft rock or shale was encountered the footings were carried at least 18" into and cast against vertical faces of same.

GENERAL NOTES:

Design Specifications: A.A.S.H.O. 1953
Loading H10-44
Structural Steel Stress 18,000 $\frac{lb}{in^2}$
Reinforcing Steel Stress 18,000 $\frac{lb}{in^2}$
Class "B" Concrete Stress 1,000 $\frac{lb}{in^2}$
All concrete was Class "B"
Rivets $\frac{3}{4}$ " ϕ , holes $\frac{1}{2}$ " ϕ , except as noted.
Field connections,

the contractor did eliminate all field riveting on this project he did use high tensile steel bolts with carburized washers for the expansion device and the beam splices in the continuous spans and American Standard Regular machine bolts for other field connections except for the $\frac{3}{4}$ " ϕ rivet head bolts specified for handrail. See Standard Specifications. Qualification of welding operators was required. Paint: Shop, none; Field, contact surfaces of bolted field connections, except where high tensile bolts were used, one coat of red lead and surfaces inaccessible after erection three coats of red lead. No other paint was applied by Contractor. Red lead required was furnished by Contractor. Payment for cleaning and painting such surfaces was included in the price bid for Fabricated Structural Steel. High tensile steel bolts were used, they were placed in such a manner that the nuts will always be in the least exposed position. Where joint filler is specified on the plans it did conform with the requirements for Premoulded Material for Filler as given in Section 59-22.0 of the Standard Specifications.



FINAL QUANTITIES			
Item	Substr.	Superst.	Total
Class 1 Excavation for Structures	Cu.Yds.	85.5	85.5
Class 2 Excavation for Structures	Cu.Yds.	64.0	64.0
Class "B" Concrete	Cu.Yds.	87.0	96.3
* Fabricated Structural Steel	Lbs.	103,160	103,160
Reinforcing Steel	Lbs.	10,095	19,345
Gray Iron Alloy Castings	Lbs.	1,510	1,510

Note: Excavation for bridge made above Elev. 489.0 was paid for as Class 1 Excavation for Structures.
Excavation for bridge made below Elev. 489.0 was paid for as Class 2 Excavation for Structures.
* Final pay weight for Fabricated Structural Steel was based on using field rivets except for bolted connections specified on handrail.

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

B.M. 11.0 Elev. 507.18 "D" North East Mine Well at Abutment #4

BRIDGE OVER APPLE CREEK

STATE ROAD FROM RTE. 51 EASTERLY TO RTE. 58
ABOUT 18 MILES SW OF M-BRIDGE
PROJECT NO. DS-1645 (2) (SO) STA. 394+88

PERRY

COUNTY

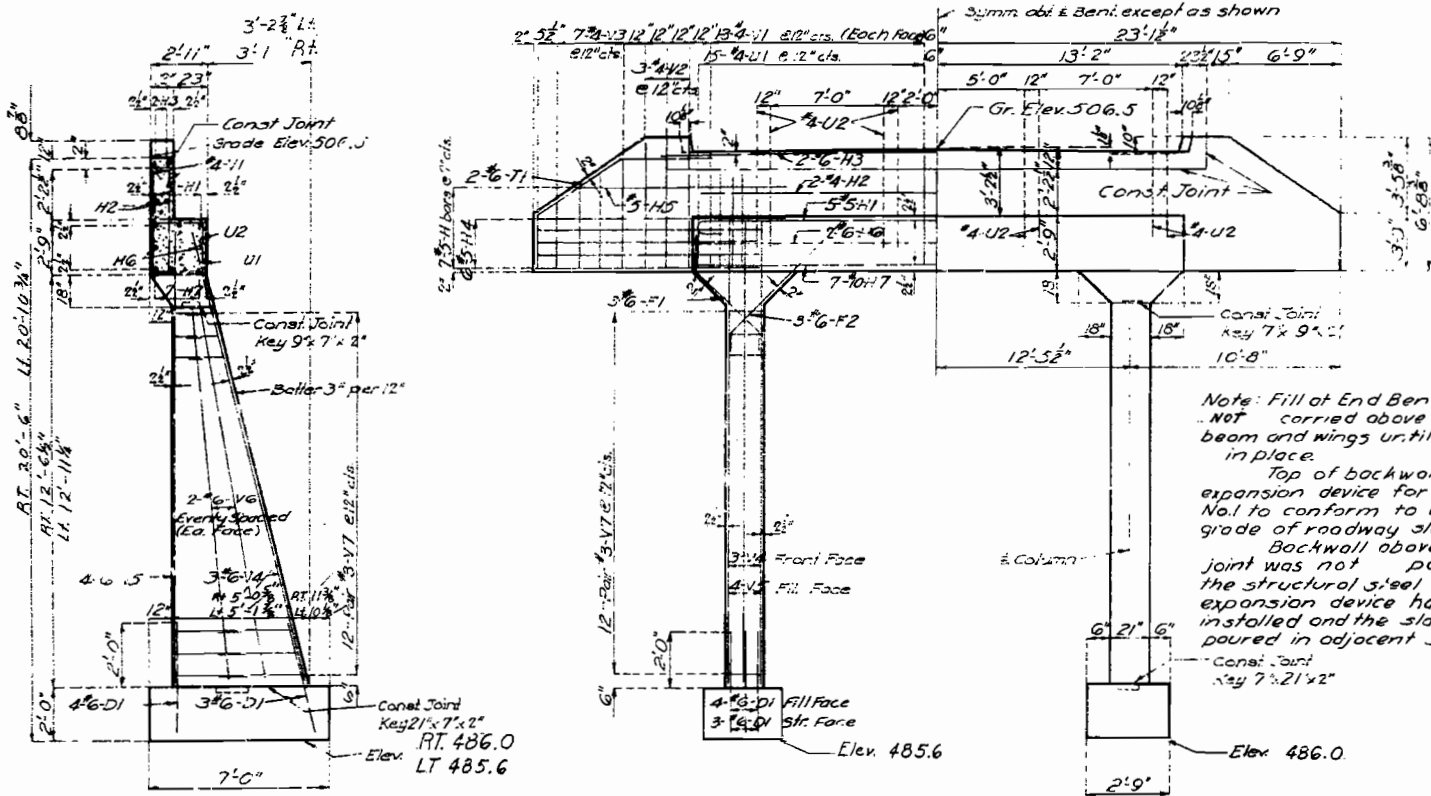
SUBMITTED BY J. Williams DATE 5-21-58
APPROVED BY Roy M. Whitton DATE 5-21-58
CHIEF ENGINEER

Drawn Mar. 1958 by J.W.G.
Checked May 1958 by B.J.P.

Sheet No. 1A of 3

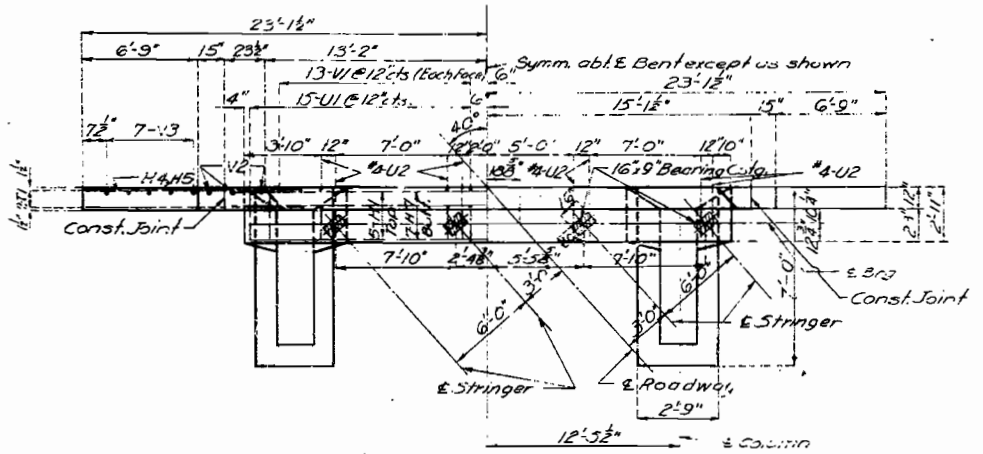
MISSOURI STATE HIGHWAY DEPARTMENT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MO		19	23	



SECTION AT E

ELEVATION



PLAN

DETAILS OF END BENT NO. 1

COMPLETE BILL OF REINFORCING STEEL									
No.	Size	Length	Mark	Location	Cutting Diagrams & Bending Sketches				
End Bent No. 1									
6	#6	7'-0"	F1	Haunch					
6	#6	7'-0"	F2	"					
14	#6	4'-0"	D1	Footing					
6	#6	7'-0"	F2	"					
5	#5	31'-6"	H1	Beam					
2	#4	29'-3"	H2	Bkwall					
2	#6	30'-0"	H3	Bkwall					
12	#5	9'-9"	H4	Wing					
2	#5	9'-6"	H5	"					
2	#6	29'-3"	H6	Beam					
7	#0	29'-3"	H7	"					
4	#6	15'-6"	T1	Wing					
30	#4	11'-0"	U1	Beam					
8	#4	3'-6"	U2	"					
52	#4	5'-6"	V1	Bkwall					
6	#4	6'-3"	V2	Wing					
7	#4	3'-6"	V3	"					
6	#6	16'-3"	V4	Col.					
3	#6	16'-0"	V5	"					
8	#6	13'-6"	V6	"					
24	#3	11'-9"	V7	"					
8	#2	19'-9"	W1	A.B. Wells					
Int. Bents No. 2 & 3									
32	#7	4'-9"	D2	Footing					
32	#6	8'-0"	F3	Haunch					
12	#9	26'-3"	G1	Beam					
10	#9	28'-3"	G2	"					
4	#6	26'-3"	G3	"					
32	#7	14'-6"	P1	Column					
44	#3	9'-9"	P2	"					
54	#4	9'-9"	U3	Beam					
16	#4	3'-3"	U4	"					
16	#2	19'-9"	W1	A.B. Wells					
End Bent No. 4									
14	#6	4'-0"	D1	Footing					
6	#6	7'-0"	F1	Haunch					
6	#6	7'-0"	F2	"					
5	#5	31'-6"	H1	Beam					
2	#4	29'-3"	H2	Bkwall					
2	#6	30'-0"	H3	Bkwall					
12	#5	9'-9"	H4	Wing					
2	#5	9'-6"	H5	"					
2	#6	29'-3"	H6	Beam					
7	#0	29'-3"	H7	"					
4	#6	13'-3"	T2	Wing					
30	#4	11'-0"	U1	Beam					
8	#4	3'-6"	U2	"					
6	#6	16'-3"	V4	Column					
8	#6	16'-0"	V5	"					
8	#6	13'-6"	V6	"					
24	#3	11'-9"	V7	"					
7	#4	9'-6"	V3	Wing					
2	#4	6'-3"	V2	"					
61	#4	5'-0"	V10	Bkwall					
2	#2	19'-9"	W1	A.B. Wells					
Cure									
718	#4	22'-0"	S1	Slab					
224	#4	20'-9"	S2	"					
56	#4	16'-0"	S4	"					
1	#4	28'-9"	S5	"					
280	#5	2'-9"	C1	Curb					
12	#6	31'-0"	C2	"					
18	#6	26'-3"	C3	"					
12	#6	32'-6"	C4	"					

BRIDGE OVER APPLE CREEK

STATE ROAD FROM RTE. 51 E. TO RTE. 52

ABOUT 18 MILES S. W. OF MEBRIDE

PROJECT NO. D5-1645(2) (SO) STA. 394+88

PERRY COUNTY

Assembled Nov. 1958 by BRG - C.E.C. & J.H.K.
Checked May 1958 by B.J.P.

Note: This drawing is not to scale, show dimensions.

Sheet No. 2A of 3

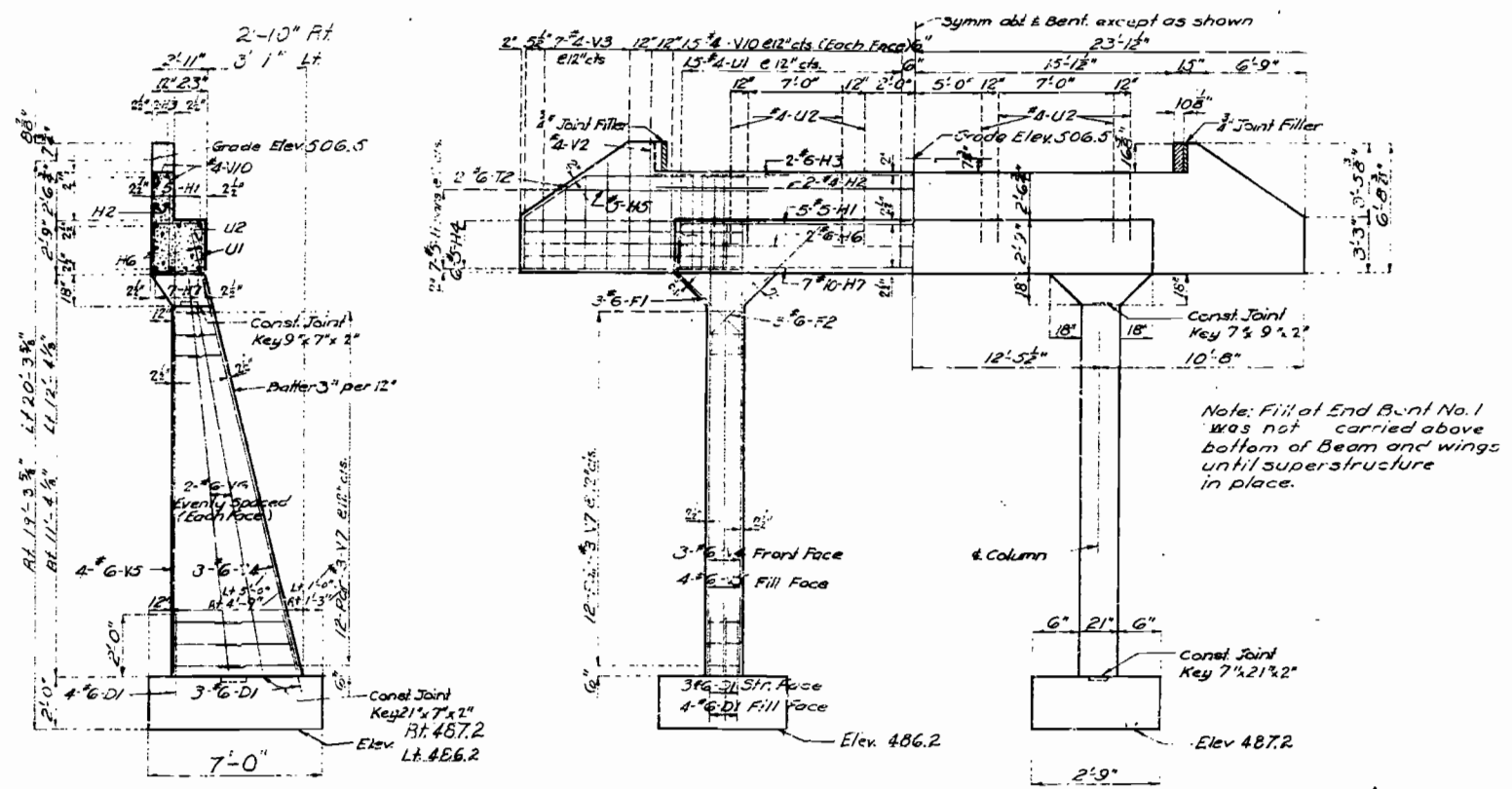
FINAL PLANS

FINISHED N-606

MISSOURI STATE HIGHWAY DEPARTMENT

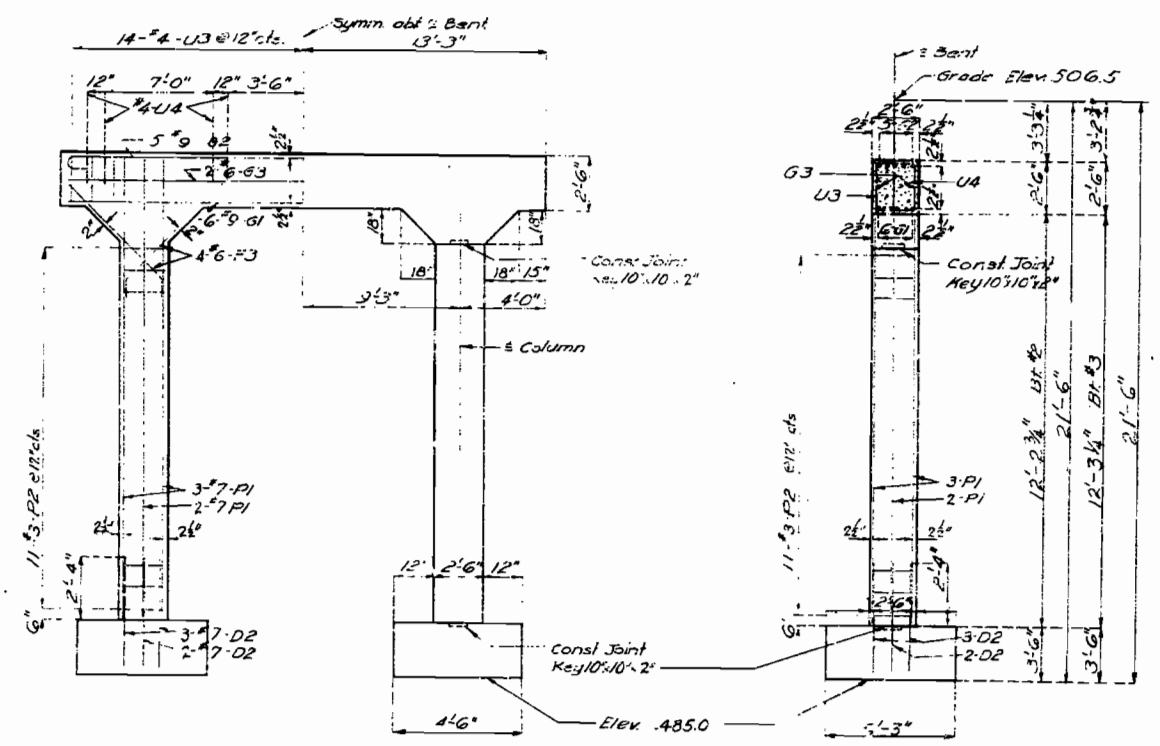
FINAL PLANS

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



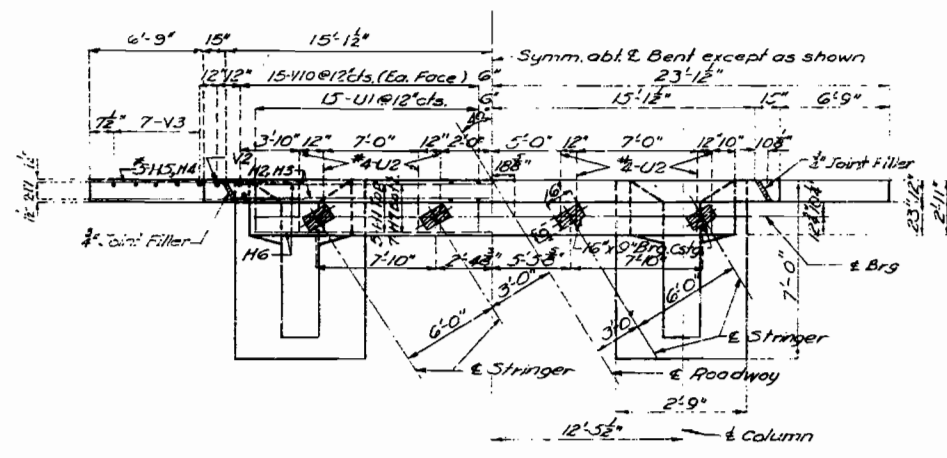
SECTION AT E

ELEVATION



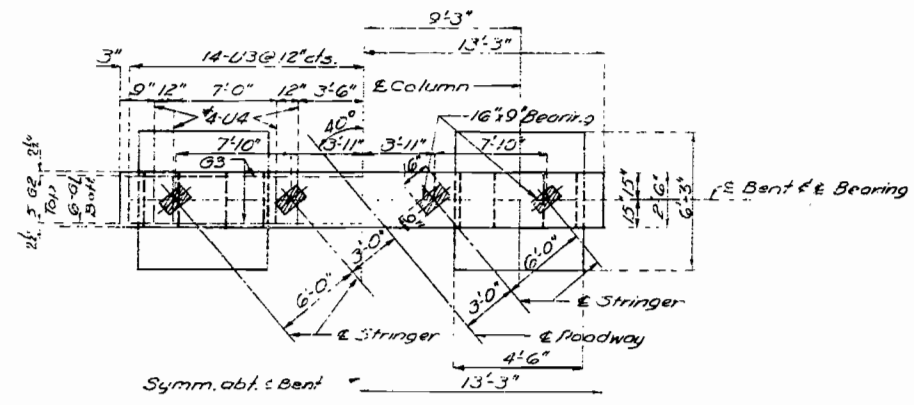
ELEVATION

SECTION AT E



PLAN

DETAILS OF END BENT NO. 4



PLAN

DETAILS OF INT. BENTS NO. 2 & 3

BRIDGE OVER APPLE CREEK

STATE ROAD FROM RTE. 51 EASTERLY TO RTE. 52 ABOUT 18 MILES S.W. OF MEBRIDE

PROJECT NO. D5-1645(2) (SO) STA. 394+88

PERRY

COUNTY

Assembled Mar. 1958 by B.R.G. - C.E.C. & J.H.K.
Checked May 1958 by B.J.P.

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

Sheet No. 3A of 3

FINAL PLANS

N-606

JSE0279

Exist Bridge#: N0606
Over Apple Creek
Rte. O
Perry County

Legend

- Channel Sections
- CL_Apple_Creek
- Flow Direction
- Lidar Polygon
- N0606
- Streambed Profile Limits

Streambed Profile Limits

N0606

Streambed Profile Limits

The section and/or profile lines shown
are intended to show location only.

Terminal points of these lines should be
based on the information provided by
the Bridge Survey Location Request and
not on the ends of the lines shown here.

Google Earth

Image © 2025 Airbus

N

3000 ft