

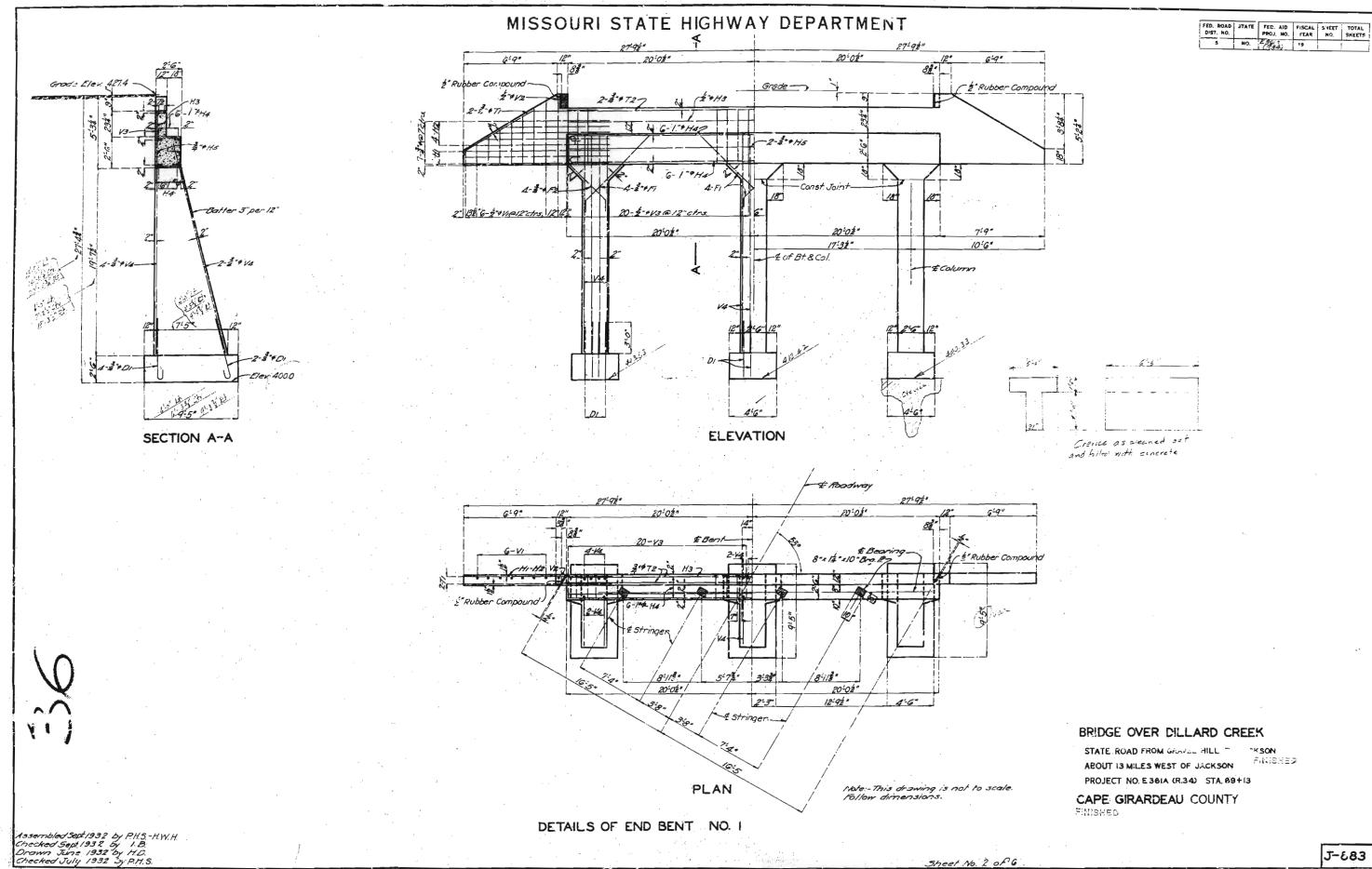
Í	FED. ROAD DIST. NO.	STATZ	FED, AID PROJ. NC.	FISCAL	SHEET NO.	TOTAL
Į	5	NG.	E5617 (134)	19		

COMPLE	TE BILL OF	REINFORCING	STE	EL			
pr Eleno	ling Sketches & Cut	ting Diaorams	Na	Size	Length	Mark	Location
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<u> </u>	1		12	\$10	11:3"	ASO/A	Fail
		9	12	3"0	12:6"	RSON	**
6 -	4-112"DI	. 151	90	214	9"	RE	**
	3-112"02	5 7	60	200	7'6"	Rg	Subpost
	DI-DE		32	<b>*</b>	3:9"	R4	Post
	8:3"	62" 223"	888	20	18*	RS	Batusters
	<u>تــــــــــــــــــــــــــــــــــــ</u>		12	3"0	319*	Ran	Rail
	135° Fi		12	340	10:0"	Back	10
	135 17		8	200	2'3'	Ry	Post
$\neg$	<b>F</b> *	22 4 4 74"	8	3"0	12'0"	REAR	
$\neg \infty$		5'6"	16	ź"\$	916"	R309	<b>39</b>
	-	6-VI Cut 12	6	4.0	34'6"	0	Curb
	Y35 - 1	5	72	3.0	12"	C2	27
	52 0 5		6	2.0	32 <b>:3</b> *	2	>9
`	F2 V	"	6	<i>‡</i> "Ø	30-6"	C4	"
	<u>13" 7'6"</u>	¥ 2:3" N	194	8.0	26-9"	51	5/85
	لو مع الم		74	310	31-9"	52	"
		- N V3	12	3.0	32'6"	33	>>
		a s	318	510	27-3"	54	37
7'6'	10:9"	2 3 2'3"	37	300	32-3"	55	29
5	10:9" 18:3"	19	52	\$"0	8'0"	56	"
4-1	12 Cut 8	i <u>equi</u>	8	300	6'9"	57	"
6"	 6"	R3 54" 174"					
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	<u> </u>						
	39 <sup>4</sup> 2" H4						
	29-2" GI	174" 25'9 34"					
	GI-H4	27'3"					
1. .2		53-54 Cut 3/8				+	
		<u> </u>					
		44/112*					
		51	;     †				

Note: Frainforcing bars \$" or over in diameter, which are bent to an angle greater than 90°, shall be of structural grade. Dimensions of bars are given along centerline and are for computed lengths.

· · · · · ADDITTONAL FIRML SUMMETITIES Class I. Exc Belen Fian Grade Carys 5.5 Hermo Tile Burer - Carting Steel Printing Test Actes (APATIS) Hauting Unused Sund (APATIS) Unused Ring token over F.A 1.16 LIN Ft 116.5 Cu 11 11 Lin Ft 240 Filing Stises taken sier Euch 12 11 Gistel Cu 16 20 Heating Consister Substructures 5. 10 5. 11 1124 Hord Plased Bosk Fill Steading, 255 E.M.Elex. 420.80 - Noil in roct of 24" Walk ut /' Rt. 5ta. 68 + 80. BRIDGE OVER DILLARD CREEK STATE ROAD FROM GRAVEL HILL TO JACKSON ABOUT IS MILES WEST OF JACKSON PROJECT NO. 5361A (R.34) STA. 69+13 CAPE GIRARDEAU COUNTY SUBMITTED B P. P. Sart ant 9/7/32 BUSICE DOCIMENT TH Cutler DATE 9/17/32 STD.C-6501 R1 STD.S-918 J-883

F.A.



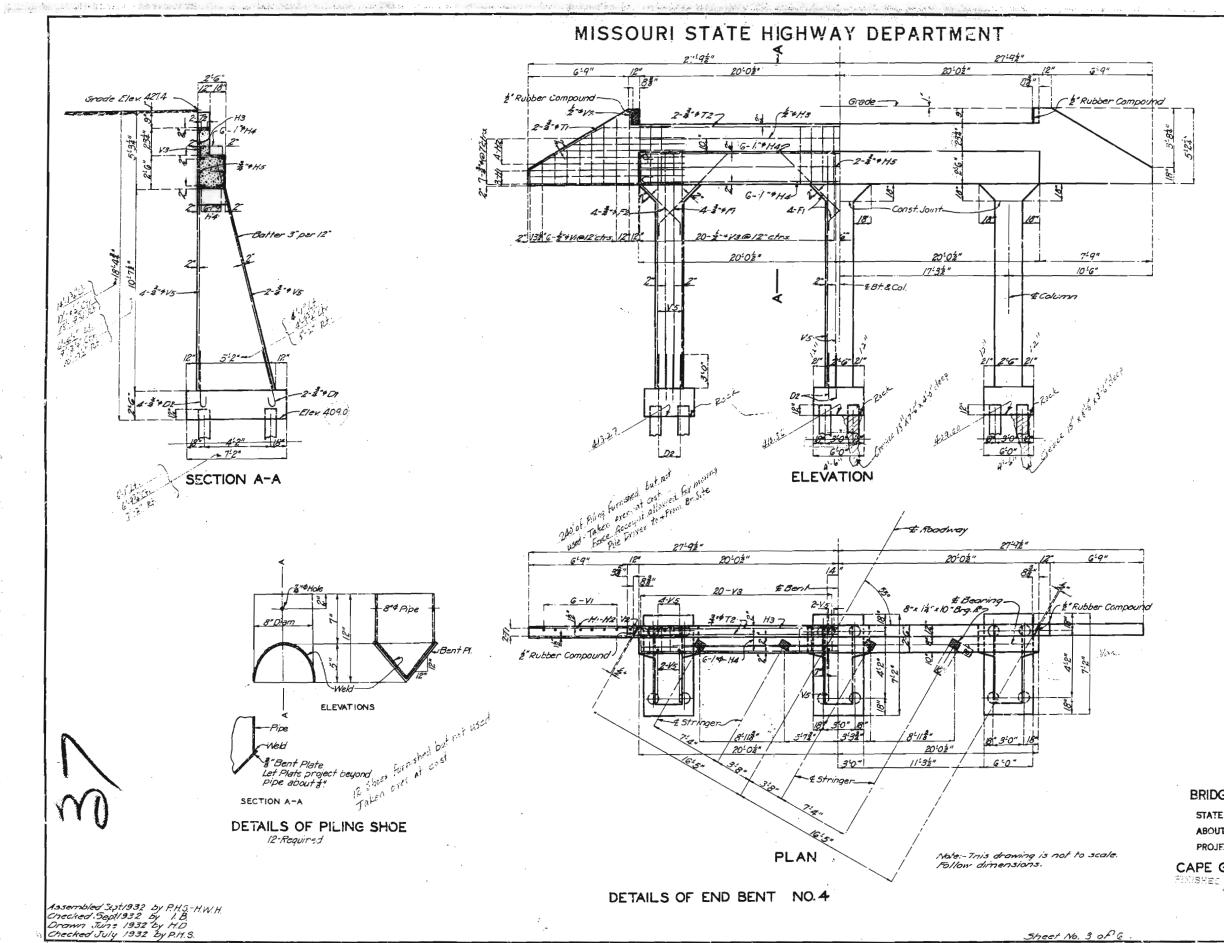
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Sheet No. 2 of 6

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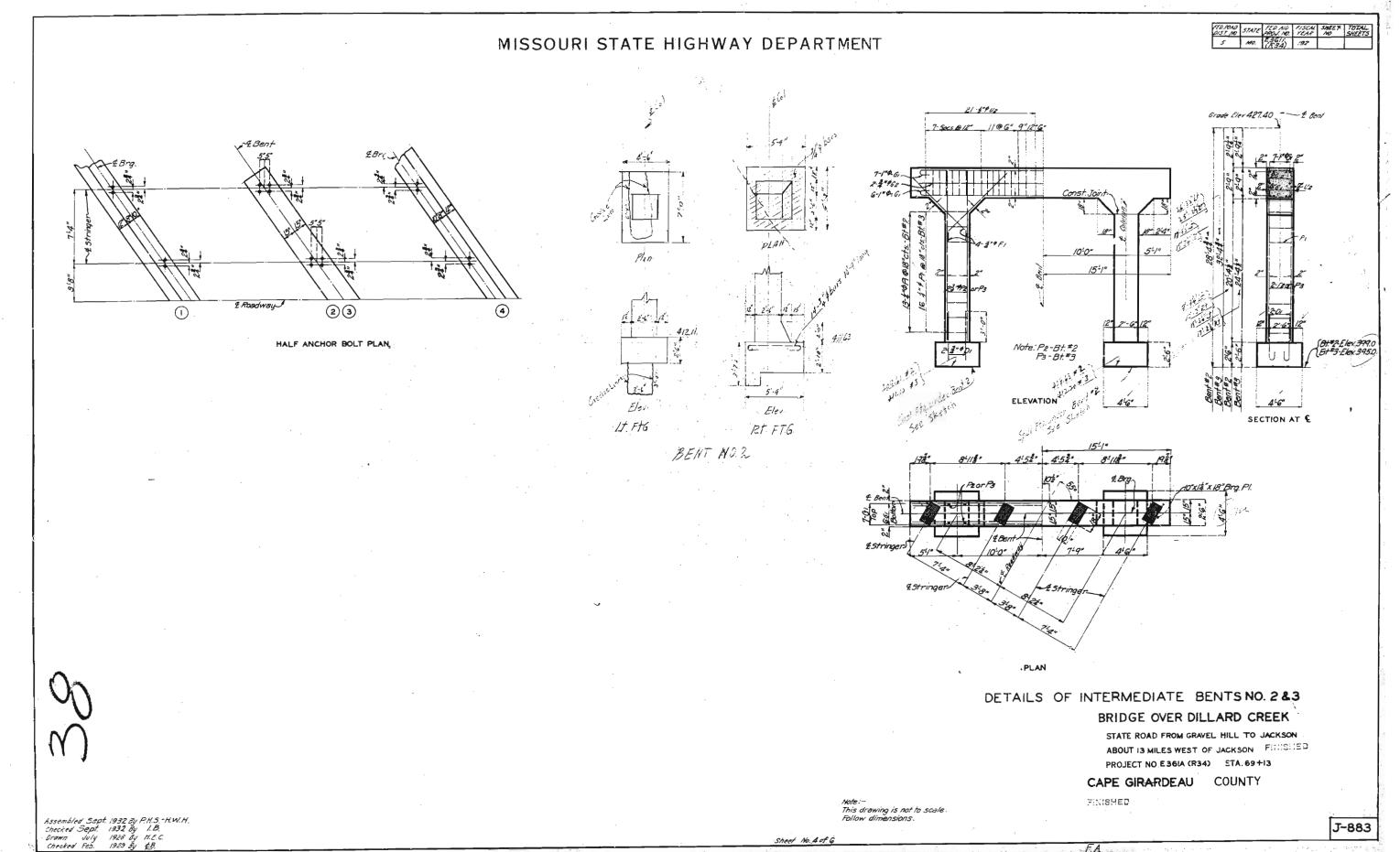
## BRIDGE OVER DILLARD CREEK

STATE ROAD FROM GRAVEL HILL TO JACKSON ABOUT 13 MILES WEST OF JACKSON PROJECT NO.E351A (R.34) STA 69+13

CAPE GIRARDEAU COUNTY

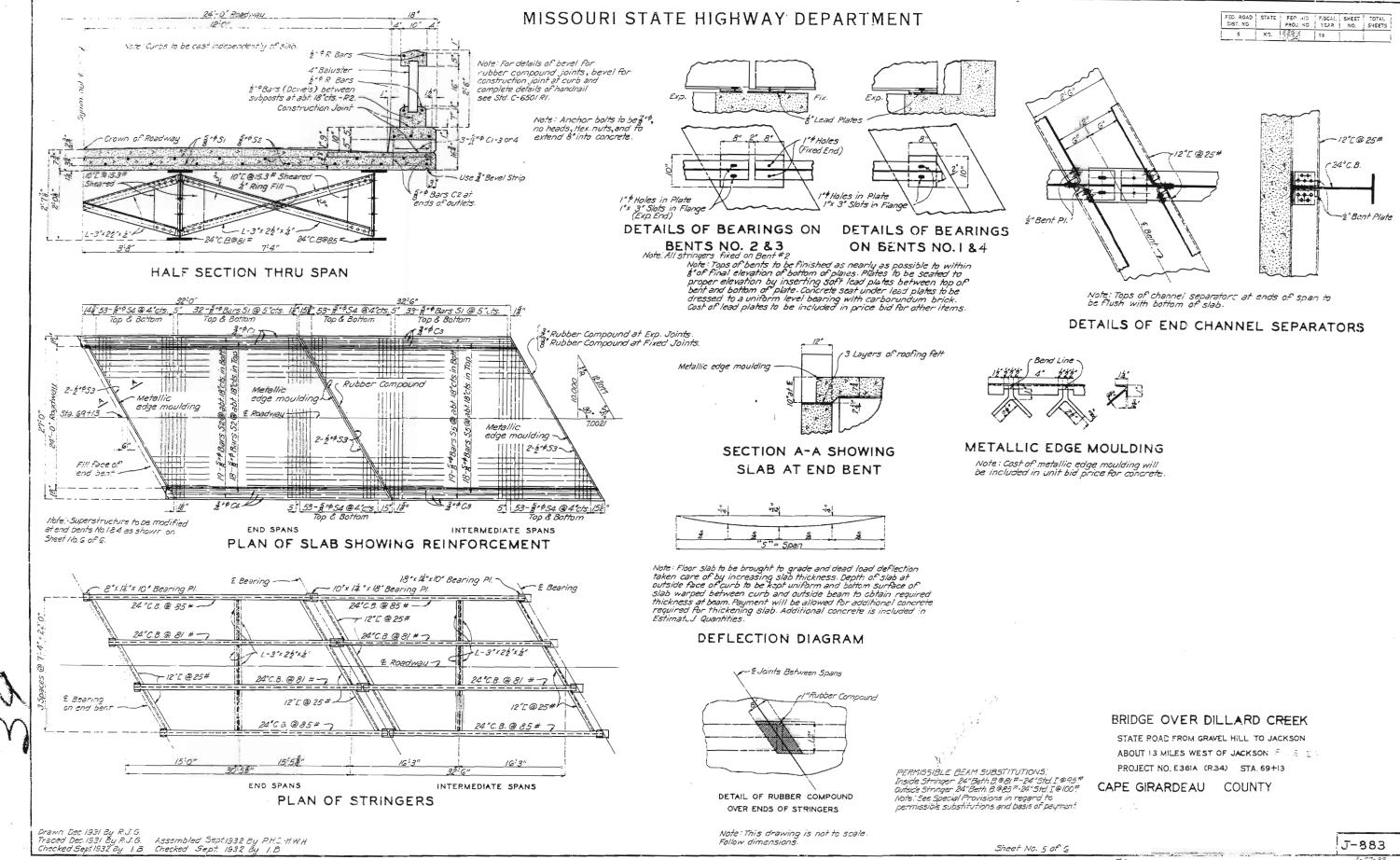
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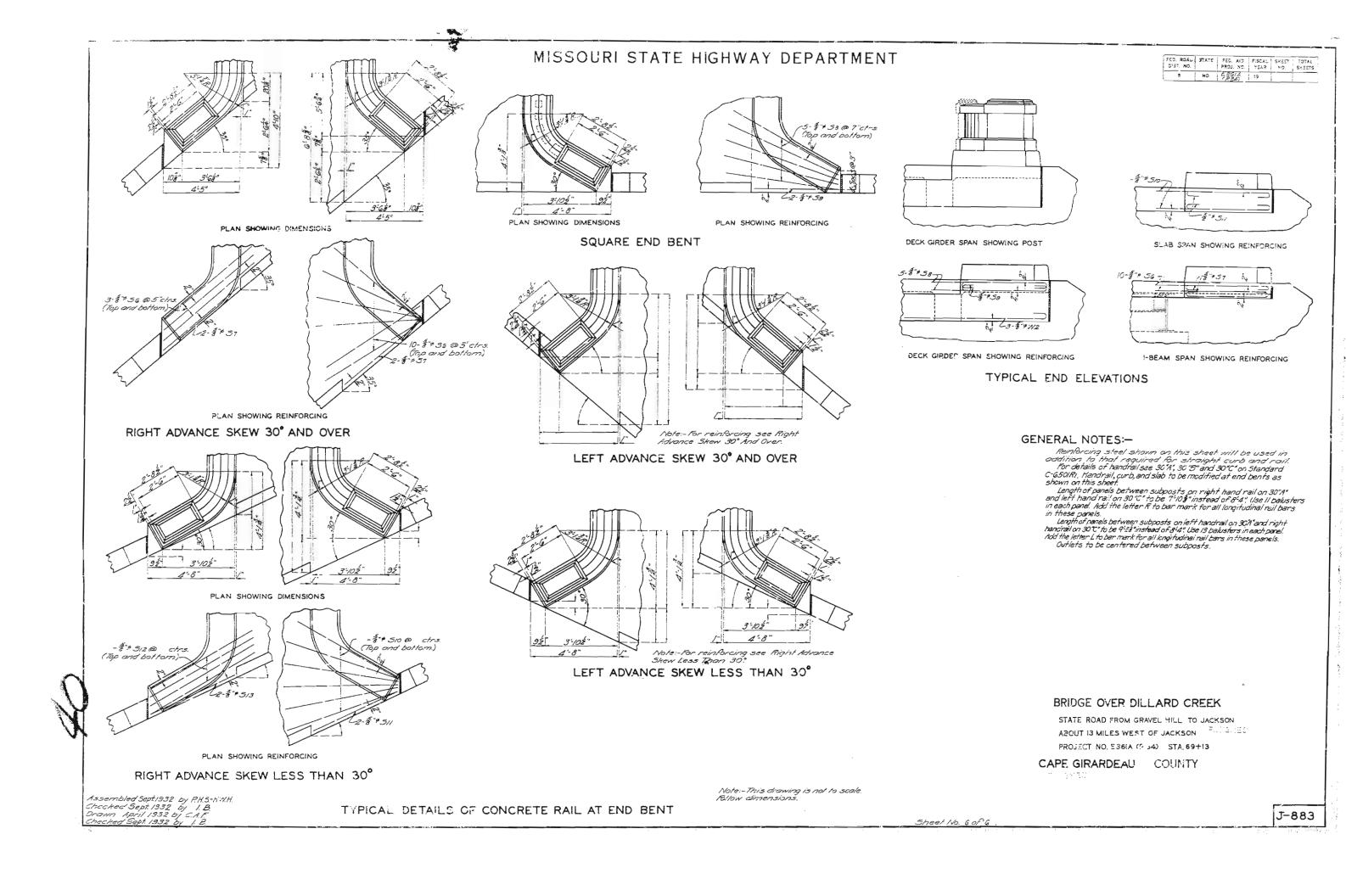


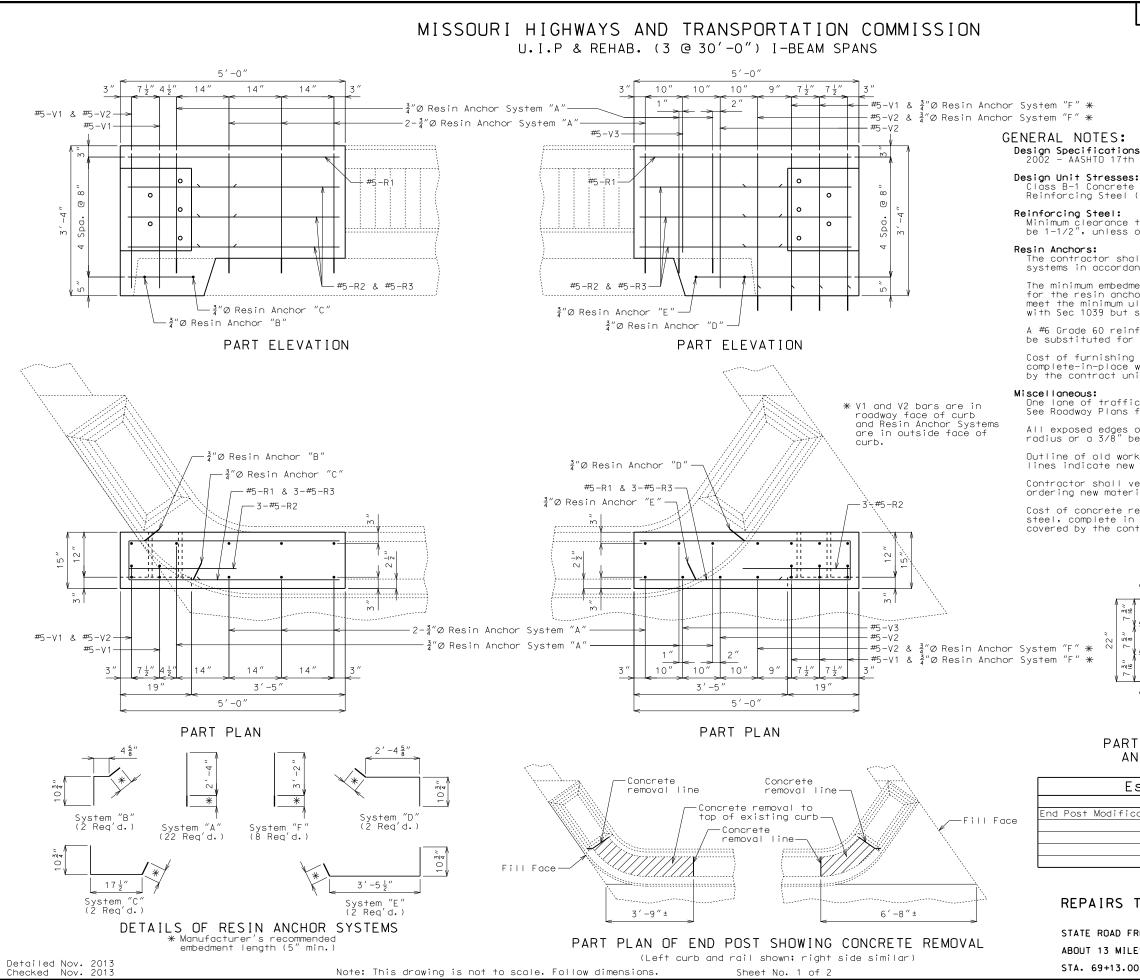
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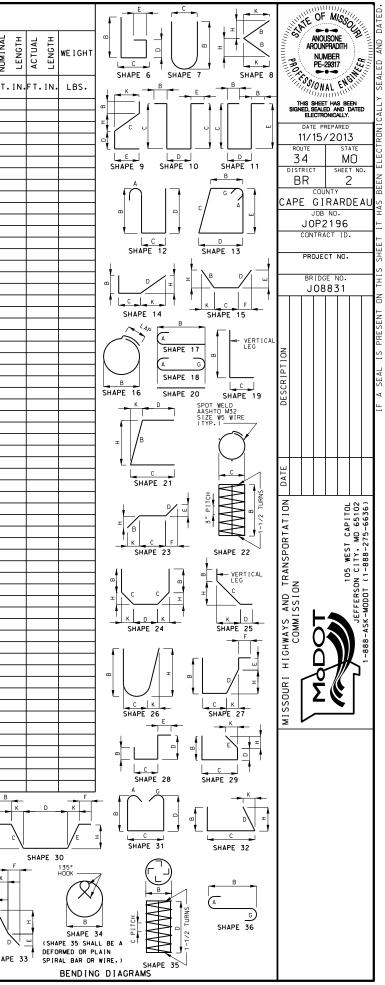
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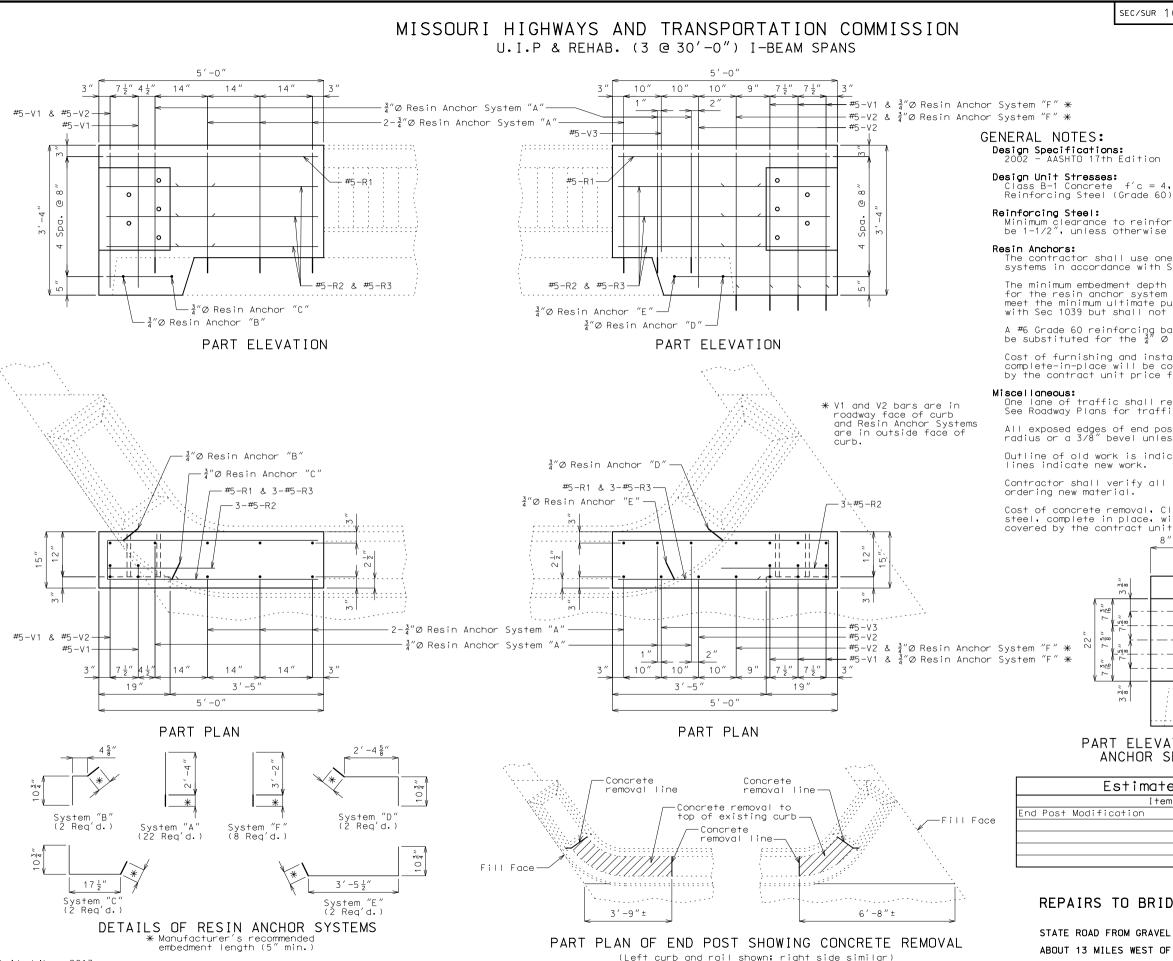




SEC/SUR 16     TWP 31N     RGE 11E       SEC/SUR 16     CONTRACT 10.     SEC/SUR 10.       SEC/SUR 16     CONTRACT 10.     SEC/SUR 10.       SEC/SUR 16     SEC/SUR 10.     SEC/SUR 10.       SEC/SUR 16     SUR 10.     SUR 10.       SEC/SUR 16     SUR 10. <th></th> <th></th> <th></th> <th></th> <th></th>					
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Detailed Nov. 2013 Checked Nov. 2013 Note: This drawing is not to scale. Follow dimensions. Sheet No. 1 of 2 STA. 69+13.00± (Match

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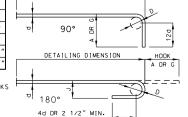
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135° STIRRUP

1	STI	RRUP H	HOOK D	IMENSI	ONS		DETAILING		NS
	(	GRADES 4	0 - 50 -	- 60 KSI			bernie		
	BAR		90° HOOK	135°	ноок				_
	SIZE	(IN.)	HODK A OR G	HOOK A OR G	APPROX.	υ	90°	OR G	
	#4	2″	4 1/2"	4 1/2"	3″			۷,	
	#5	2 1/2″	6″	5 1/2"	3 3/4"		DETAILIN	G DIM	ENS
	#6	4 1/2″	12″	8″	4 1/2"				
,		LESS OT	HERWISE	NOTED D					
		HE SAME			AND HOOKS		180°		



END	HOOK	DIMENSIONS

	BAR			ALL GRADES	
	BAR SIZE	D (IN.)	180°	HOOKS	90° HOOKS
	SIZE	(111.)	A OR G	J	A OR G
ŧ	#3	2 1/4"	5″	3″	6″
Ļ	#4	3"	6″	4″	8″
1	#5	3 3/4"	7″	5″	10″
-	#6	4 1/2"	8″	6″	12″
6	#7	5 1/4″	10″	7″	14″
_	#8	6″	11″	8″	16″
-	#9	9 1/2"	15″	11 3/4"	19″
	#10	10 3/4"	17″	13 1/4"	22″
	#11	12″	19″	14 3/4"	2'-0"
	#14	18 1/4″	2'-3"	21 3/4"	2'-7"

	NOTE:
OOKS	ALL STANDARD HOOKS AND BENDS OTHER THAN 180 DEGREE ARE TO BE BENT WITH SAME
1 G	PROCEDURE AS FOR 90 DEGREE STANDARD HOOKS. HOOKS AND BENDS SHALL BE IN ACCORDANCE WITH THE PROCEDURES AS SHOWN ON THIS SHEET.
"	HOURS AND BENDS SHALL BE IN ACCORDANCE WITH THE PROCEDURES AS SHOWN ON THIS SHEET.
"	E = EPOXY COATED REINFORCEMENT.

E = EPOXY COATED REINFORCEMENT. S = STIRRUP. X = BAR IS INCLUDED IN SUBSTRUCTURE QUANTITIES. V = BAR DIMENSIONS VARY IN EQUAL INCREMENTS BETWEEN DIMENSIONS SHOWN ON THIS LINE AND THE FOLLOWING LINE. NO. EA. = NUMBER OF BARS OF EACH LENGTH. NOMINAL LENGTHS ARE BASED ON OUT TO DUT DIMENSIONS SHOWN IN BENDING DIAGRAMS AND ARE LISTED FOR FABRICATORS USE. (NEAREST INCH) ACTUAL LENGTHS ARE MEASURED ALONG CENTERLINE BAR TO THE NEAREST INCH. PAYWEIGHTS ARE BASED ON ACTUAL LENGTHS. FOUR ANGLE OR CHANNEL SPACERS ARE REQUIRED FOR EACH COLUMN SPIRAL. SPACERS ARE TO BE PLACED ON INSIDE OF SPIRALS. LENGTH AND WEIGHT OF COLUMN SPIRALS DO NOT INCLUDE SPLICES OR SPACERS. REINFORCING STEEL (GRADE 60) FY = 60.000 PSI.

<u>N </u><u></u>

SHAPE 33

