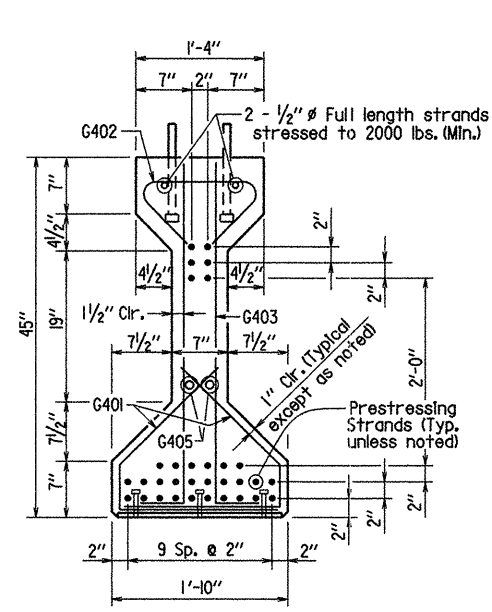
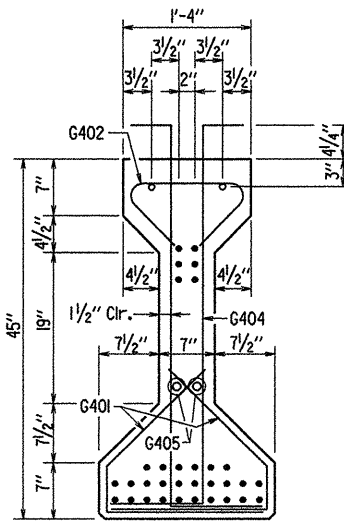


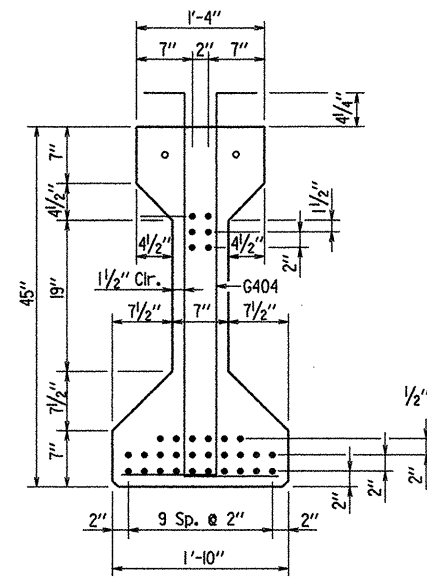
TYPICAL GIRDER ELEVATION (TYPE III)
1/4" = 1'-0"



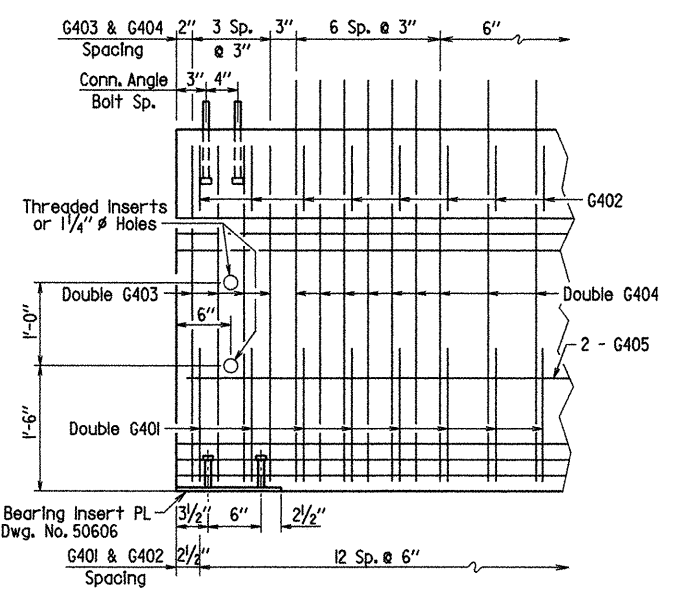
SECTION T-T
1" = 1'-0"



SECTION U-U
1" = 1'-0"

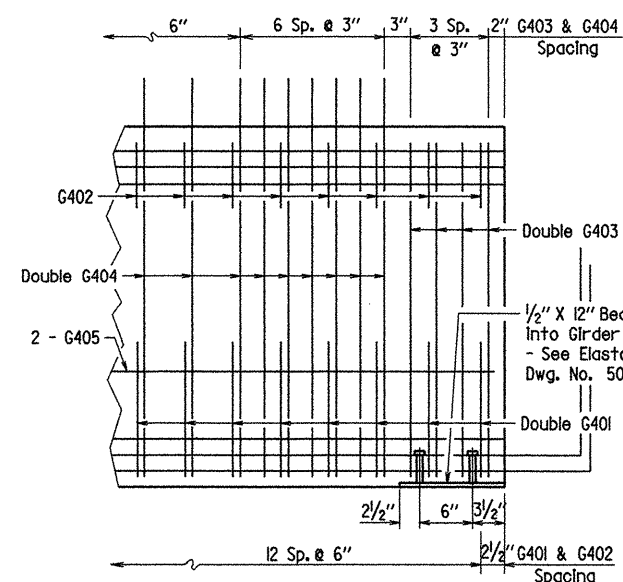


SECTION V-V
1" = 1'-0"



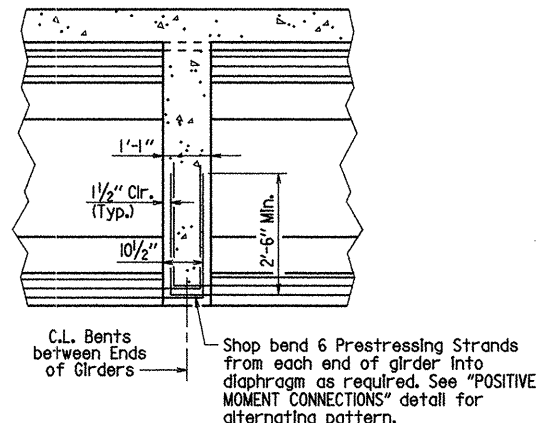
END BENT BEARING DETAIL
Not To Scale

Showing reinforcing in relation to bearing plate assembly and 1/4" Ø holes

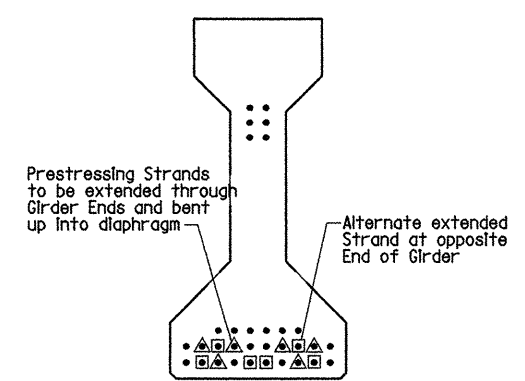


INTERMEDIATE BENT BEARING DETAIL
Not To Scale

Showing reinforcing in relation to bearing plate assembly



ELEVATION OF GIRDERS AT INTERMEDIATE BENTS
1/2" = 1'-0"



POSITIVE MOMENT CONNECTIONS
1" = 1'-0"

① Prestressing Strands at Ends of Unit shall be sawn flush with the end of the girders.

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.		040487	89	200
				① 07154		SPAN DETAILS		50600

BAR LIST PER GIRDER

MARK	NO. REQ'D.	LENGTH	P. D.	BENDING DIAGRAMS
G301	8	1'-3"	Str.	
G401	52	3'-4"	2"	
G402	26	2'-9"	3"	
G403	16	3'-10"	2"	
G404	176	5'-5"	2"	
G405	4	6'-4"	Str.	

Dimensions are out to out of bars.

All bars in this list shall be subsidiary to the Item "Prestressed Concrete Girders (Type III)". For Bar List of Span Reinforcing, See Dwg. No. 50602.

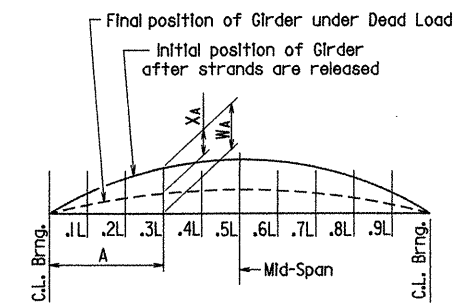
TABLE OF GIRDER VARIABLES

STRAND DESIGNATION	LINE	VARIABLES OF BONDING/DEBONDING	"A"	"B"	"C"
ROW	LINE	"A"	"B"	"C"	
1	D,G	69'	20'	29'	
2	E,F	69'	6'	57'	
3	A,B,C,D,G,H,J,K	69'			
4	E,F	69'			
5	E,F	69'			
6	E,F	69'			

BONDING/DEBONDING DIAGRAM

STAND LOCATION

Span Pt.	Inches	
	W _A	X _A
0.00	0.000	0.000
0.10	0.726	0.297
0.20	1.242	0.586
0.30	1.628	0.813
0.40	1.842	0.960
0.50	1.916	1.010
0.60	1.842	0.960
0.70	1.628	0.813
0.80	1.242	0.586
0.90	0.726	0.297
1.00	0.000	0.000



W_A is camber of Girder (Prestress + Dead Load of Girder @ 60 days after release)
X_A is Dead Load Deflection of Slab + Diaphragms + Composite Dead Load

CAMBER & DEFLECTIONS (INCHES)
N.T.S.

SHEET 2 OF 7
DETAILS OF 350'-0" PRESTRESSED CONCRETE GIRDER UNIT
VACHE GRASSE CREEK
ROUTE 22 SEC. 1
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: MJT DATE: 01/26/09 FILENAME: B040487X1.SLDGN
CHECKED BY: JGT DATE: 9-18-09 SCALE: 3/8" = 1'-0"
DESIGNED BY: DBS DATE: 10/08 OR AS NOTED
BRIDGE NO. 07154 DRAWING NO. 50600

