

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.		110387	33	96
						06978 - BENT NO. 1 - 46113		

BAR LIST - PER BENT

MARK	NO. REQ'D.	LENGTH	P.D.	BENDING DIAGRAMS
B401	6	4'-10"	Str.	<p>Dimensions are out to out of bars.</p>
B402	24	22'-4"	Str.	
B403	4	21'-9"	Str.	
B404	58	11'-11"	2"	
B405	15	7'-6"	2"	
R401	8	3'-11"	2"	
R402	8	4'-0"	2"	
R403	12	9'-8"	Str.	
W401	6	8'-1"	2"	
W402	6	8'-5"	Str.	
W403-W407	2 each	Var. 3'-5" to 7'-0"	2"	
W408-W412	2 each	Var. 4'-7" to 8'-2"	Str.	
W413	8	7'-7"	2"	
B501	37	8'-6"	3 3/4"	
B502	37	4'-6"	Str.	
D501	40	3'-6"	3 3/4"	
B601	6	7'-4"	4 1/2"	
B602	4	8'-6"	4 1/2"	
B603	4	4'-6"	Str.	
B604	6	43'-0"	4 1/2"	
B605	6	41'-8"	Str.	
B606	20	3'-0"	Str.	
R601	20	4'-5"	Str.	
R602	6	5'-0"	Str.	
W701	12	9'-8"	Str.	
W702	4	6'-6"	Str.	
W703	4	5'-8"	Str.	
W704	4	4'-10"	Str.	
W705	4	4'-2"	Str.	
W706	4	3'-6"	Str.	
W707	4	10'-9"	5 1/4"	

GENERAL NOTES

All concrete shall be Class S and shall be poured in the dry. All exposed corners to be chamfered 3/4" unless otherwise noted.

All reinforcing steel shall conform to AASHTO M31 or M53, Grade 60.

The backwall shall not be poured before beams are in place.

Structural steel in end bents shall be AASHTO M270, Gr. 50W and shall be paid for as "Structural Steel in Beam Spans (M270, Gr. 50W)".

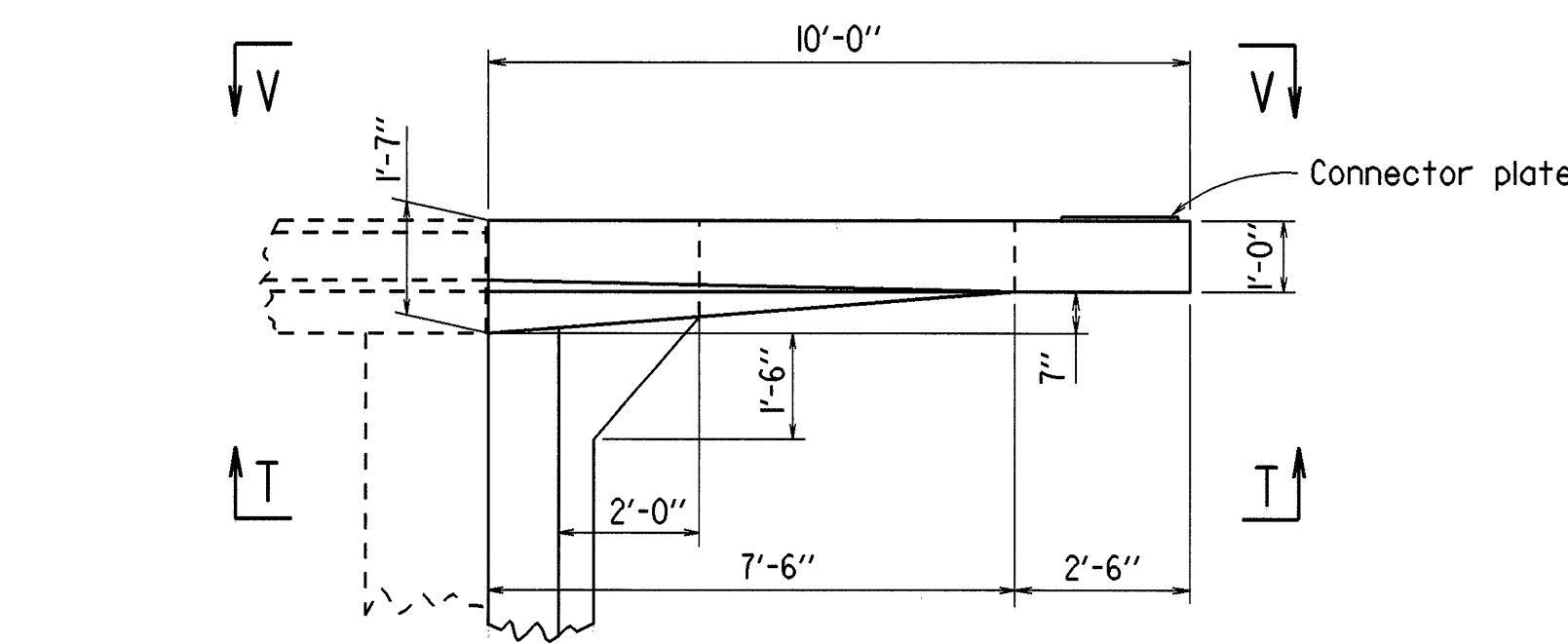
If anchor bolts are drilled into cap, top reinforcing bars shall be placed to avoid damage.

For additional information, see layout.



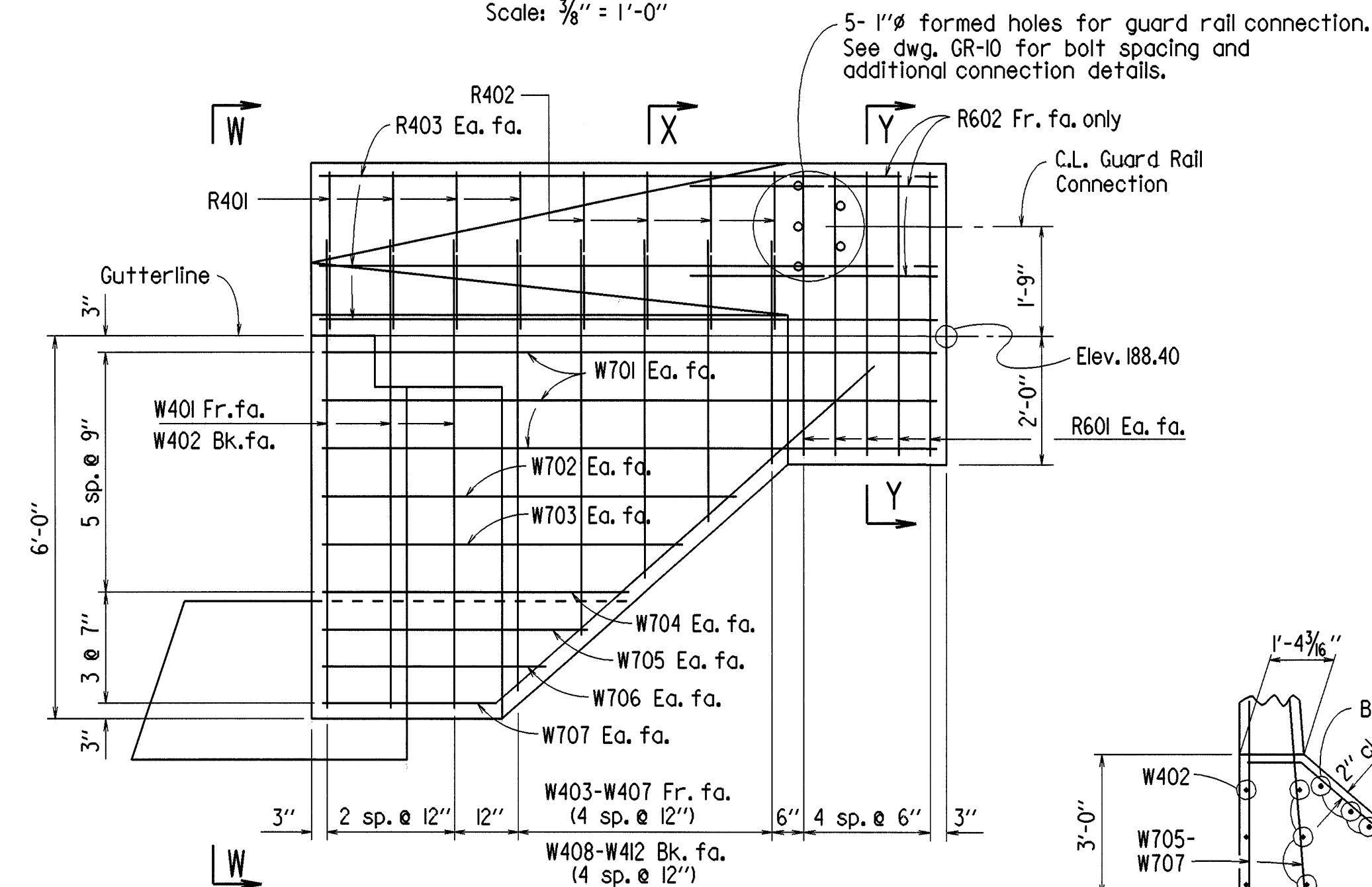
BRIDGE ENGINEER

SHEET 2 OF 2
DETAILS OF BENT 1
LITTLE ROCK, ARK.
ROUTE SEC.
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.
DRAWN BY: KDH DATE: 5-22-03 FILENAME: B110387.B12
CHECKED BY: GVA DATE: 7-28-03 SCALE: AS NOTED
DESIGNED BY: MAF DATE: 4-1-03
BRIDGE NO. 06978 DRAWING NO. 46113



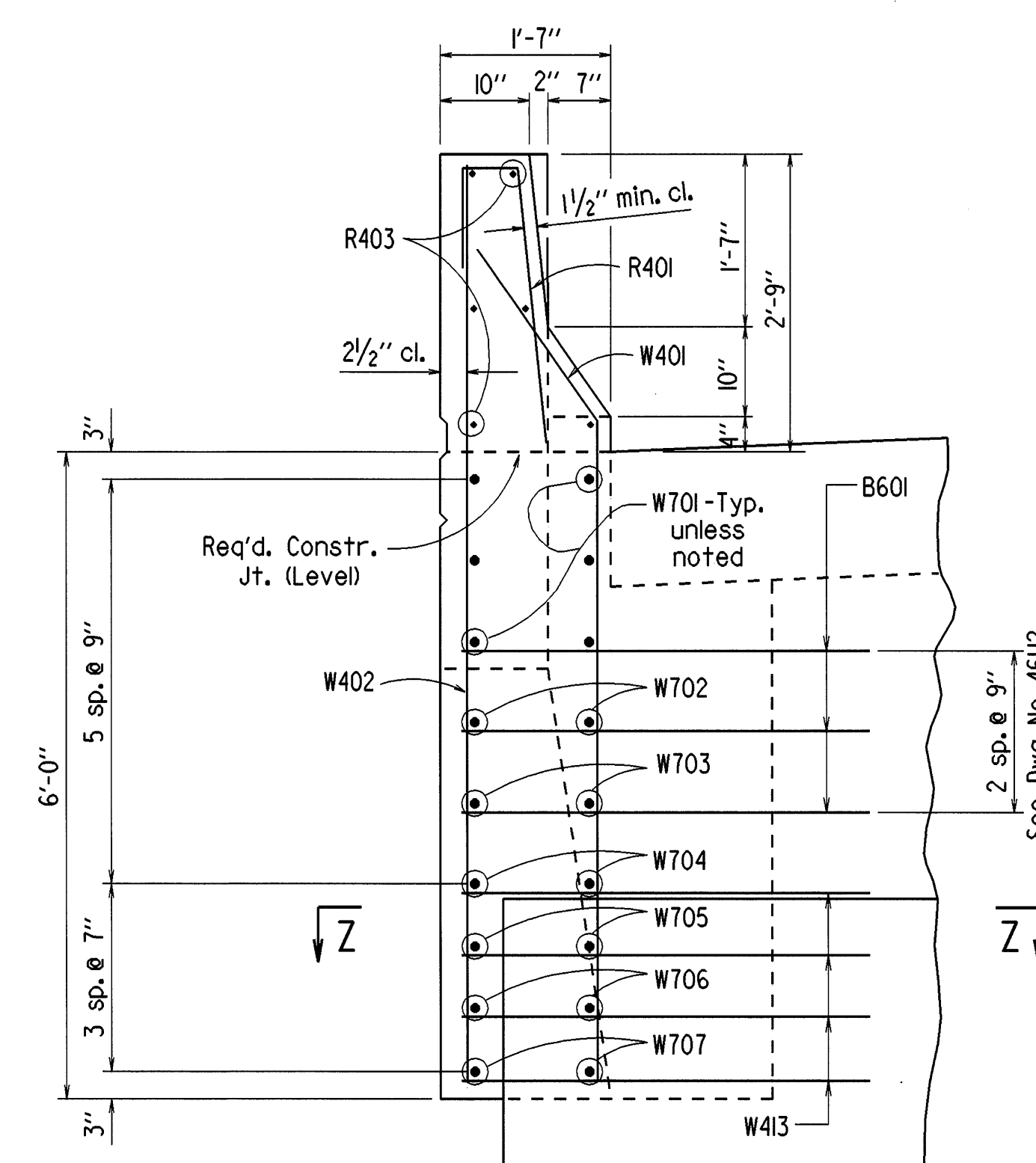
PLAN OF RAIL

Scale: 3/8" = 1'-0"



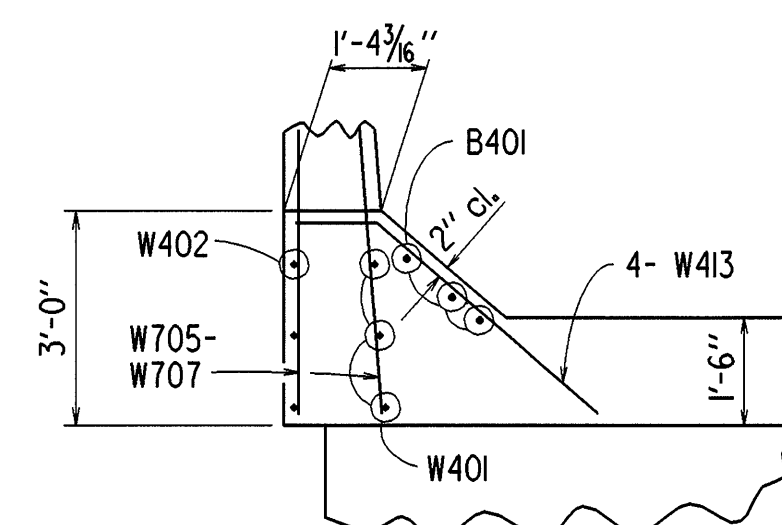
VIEW T-T

Scale: 1/2" = 1'-0"



VIEW W-W

Scale: 3/4" = 1'-0"



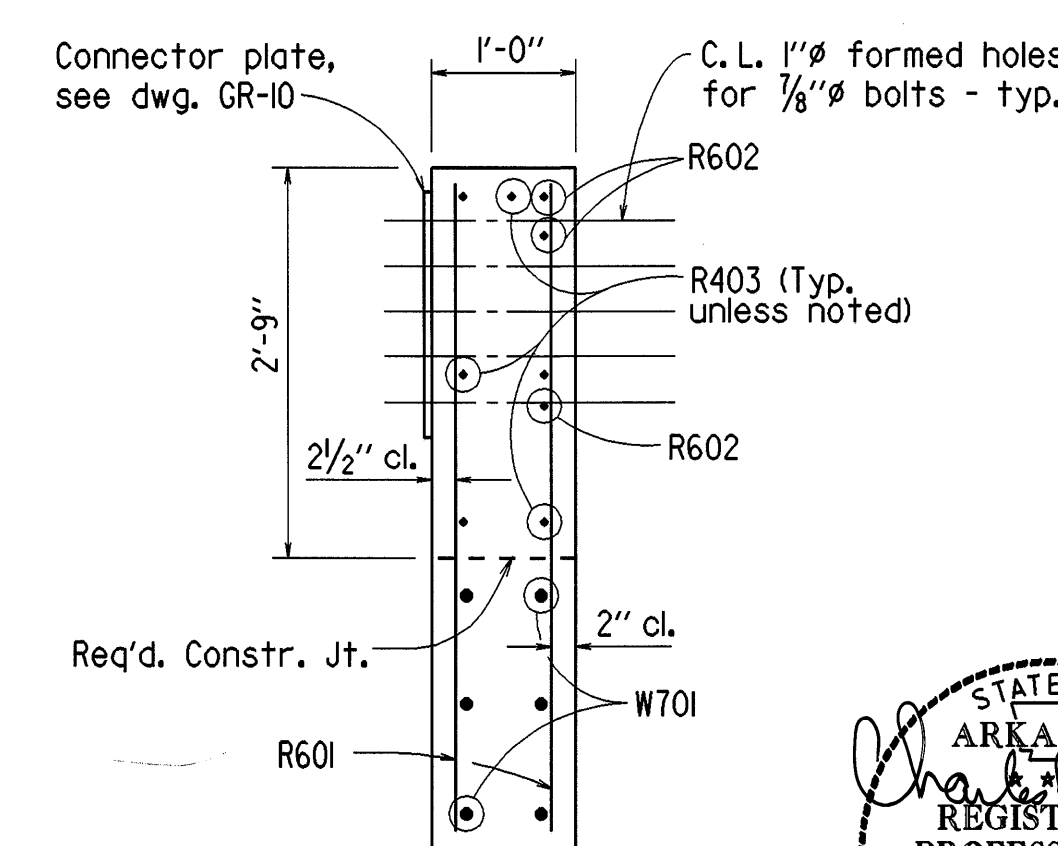
SECTION Z-Z

Scale: 3/8" = 1'-0"

For details of guard rail connection, See Std. Dwg. no. GR-10

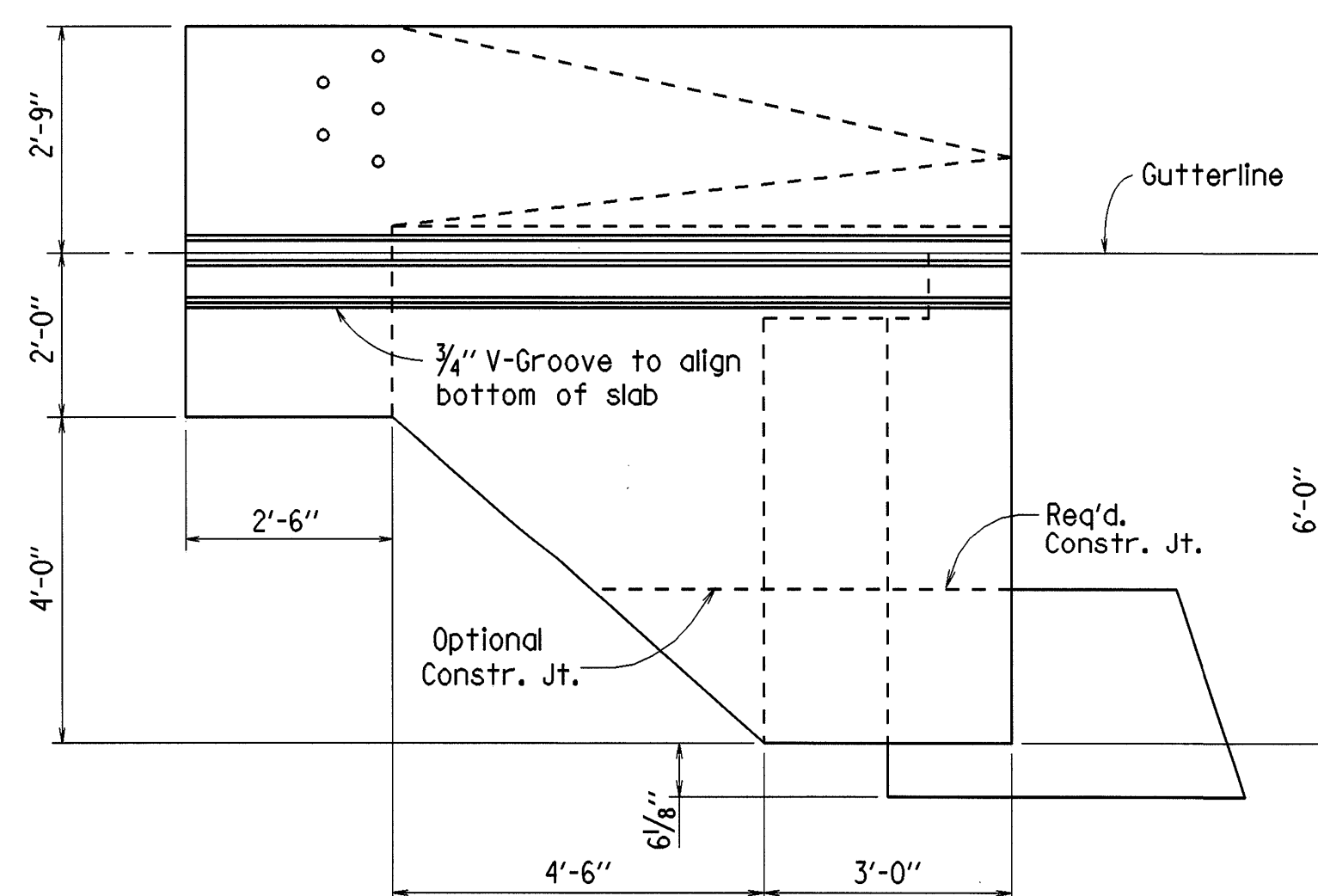
THREE DIMENSIONAL VIEW OF RAIL

No Scale



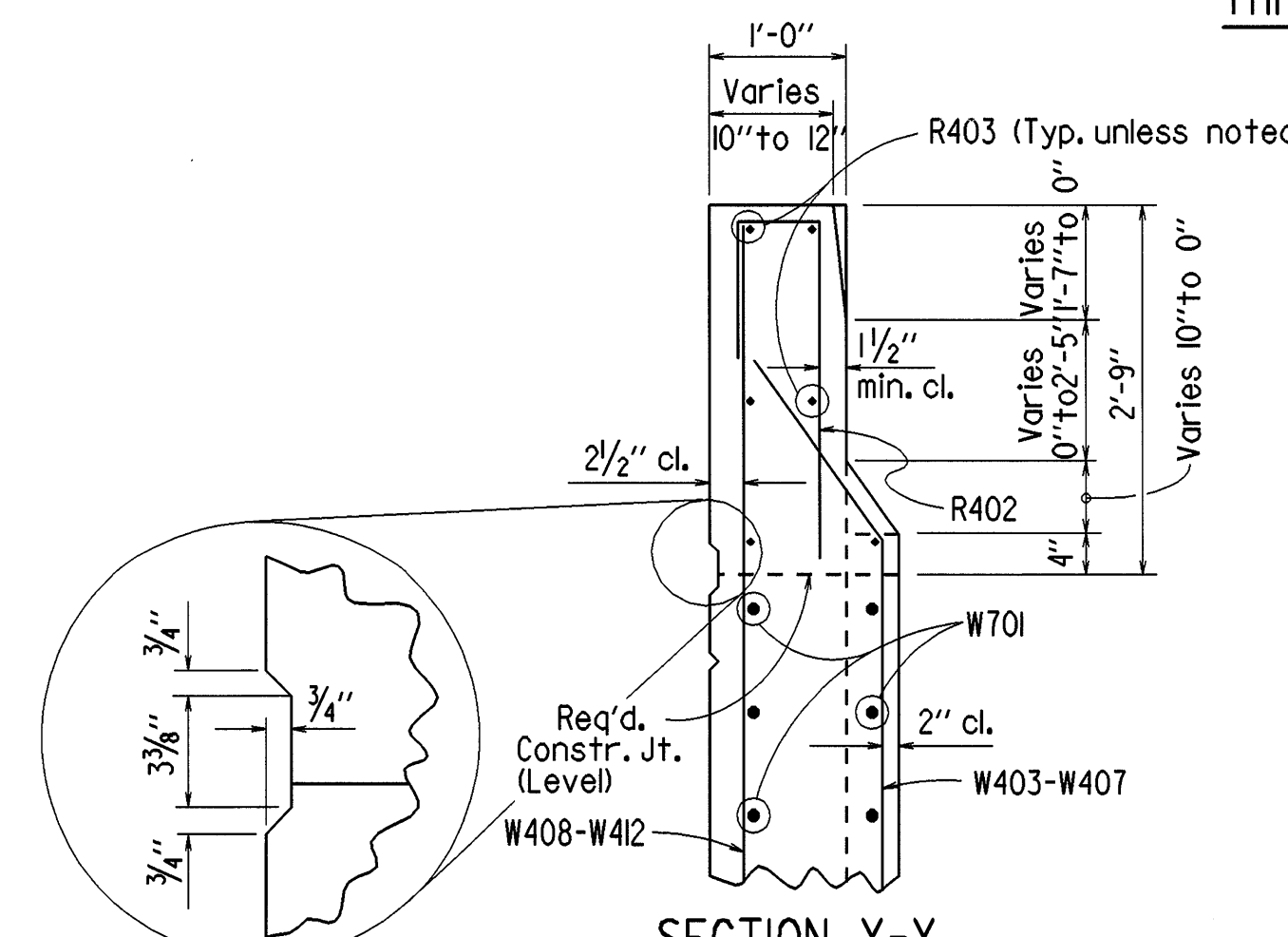
SECTION Y-Y

Scale: 3/4" = 1'-0"



VIEW V-V

Scale: 1/2" = 1'-0"



SECTION X-X

Scale: 3/4" = 1'-0"