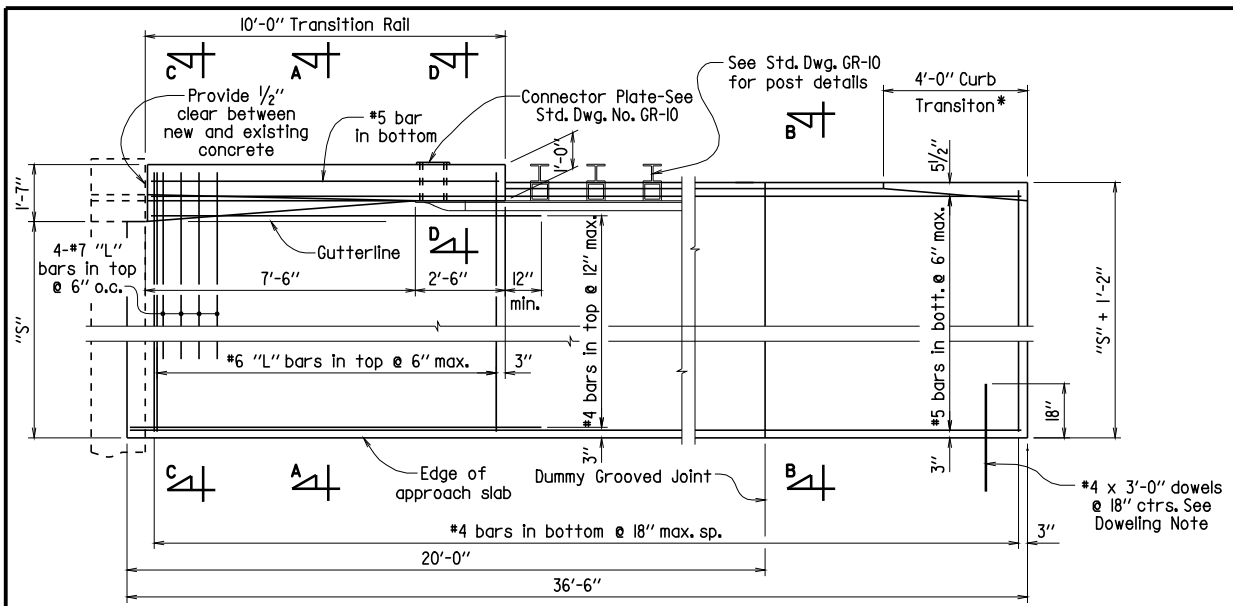
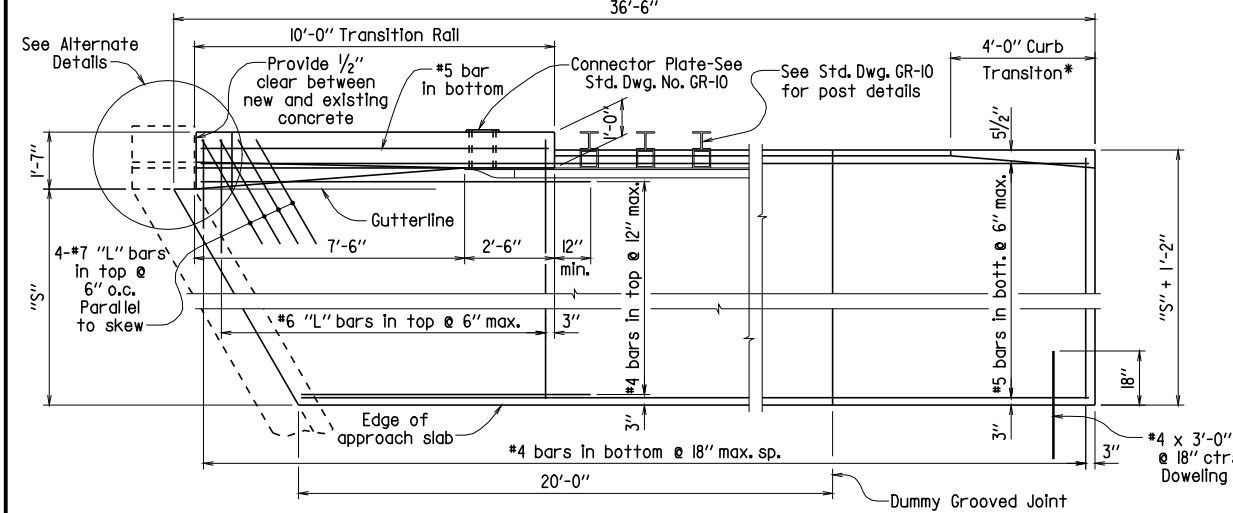


DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4-10-2003				6	ARK.			
				JOB NO.				

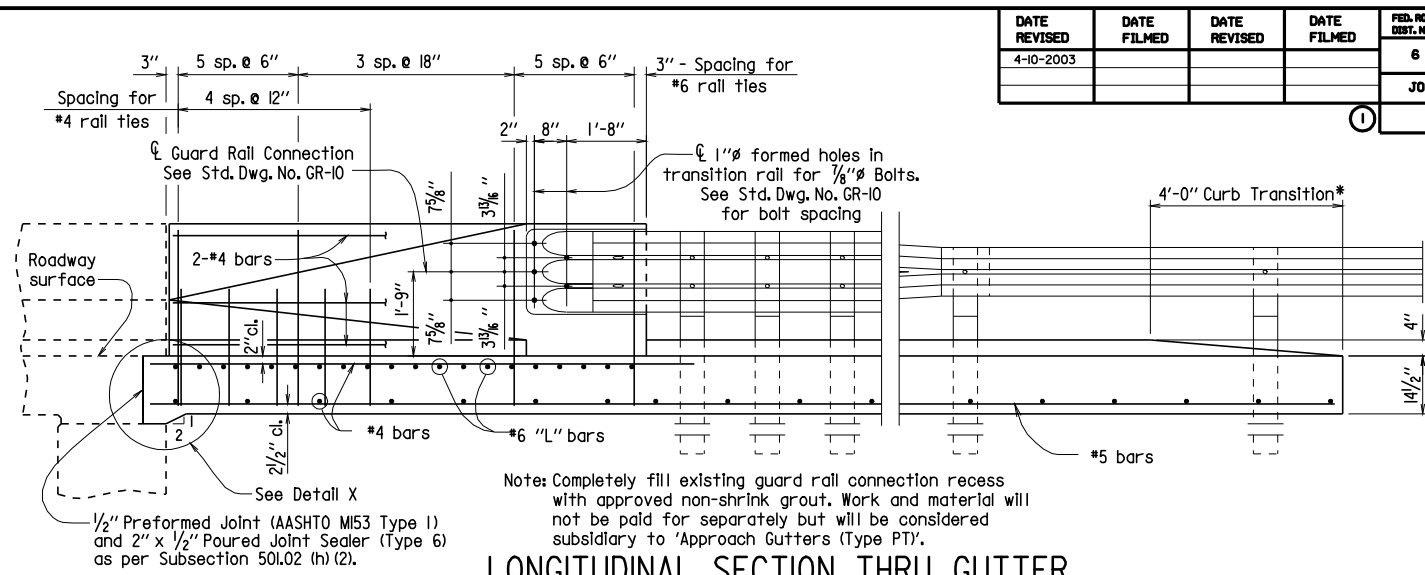
TYPE PT APPR. GUTTER - 2091



PLAN - SQUARE BRIDGES
Scale: 3/8" = 1'-0"
'S' = Distance from gutterline to edge of approach slab.

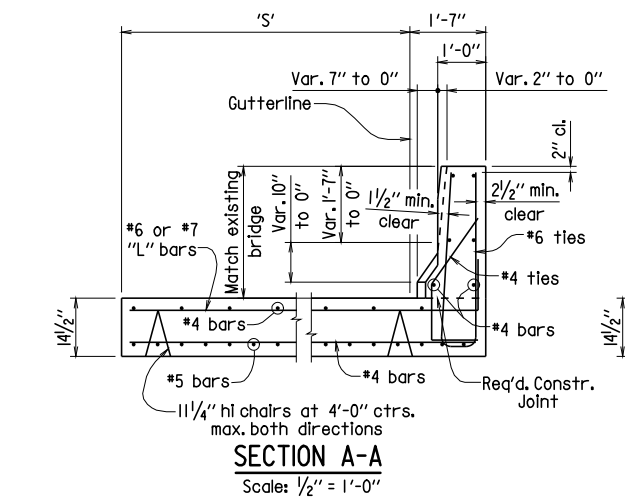


PLAN - SKEWED BRIDGES
Scale: 3/8" = 1'-0"

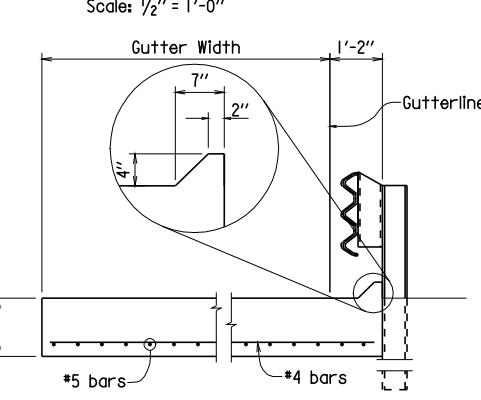


LONGITUDINAL SECTION THRU GUTTER
Scale: 1/2" = 1'-0"

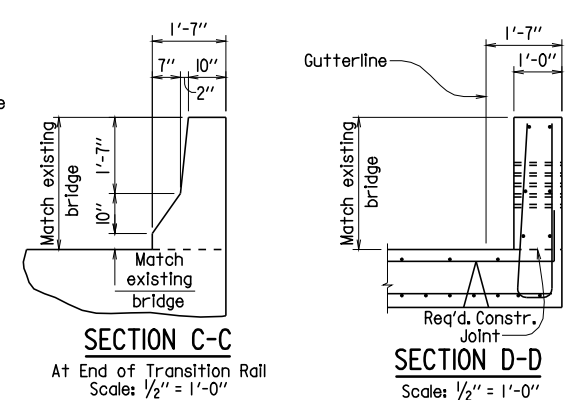
* Construct curb with height-transition as shown if drop inlet is not used at end of gutter.
Construct curb full height (no height-transition) if drop inlet is used at end of gutter. Curb height transition placed on drop inlet. See drop inlet details.



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



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



SECTION C-C
At End of Transition Rail
Scale: 1/2" = 1'-0"

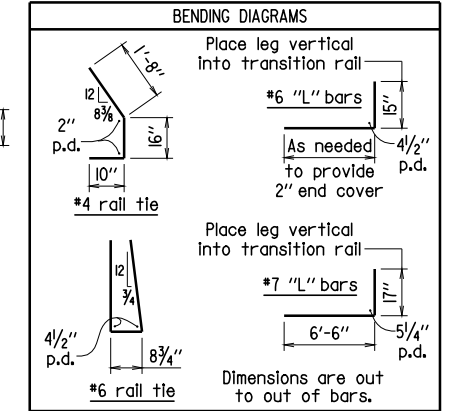
SECTION D-D
Scale: 1/2" = 1'-0"

GENERAL NOTES

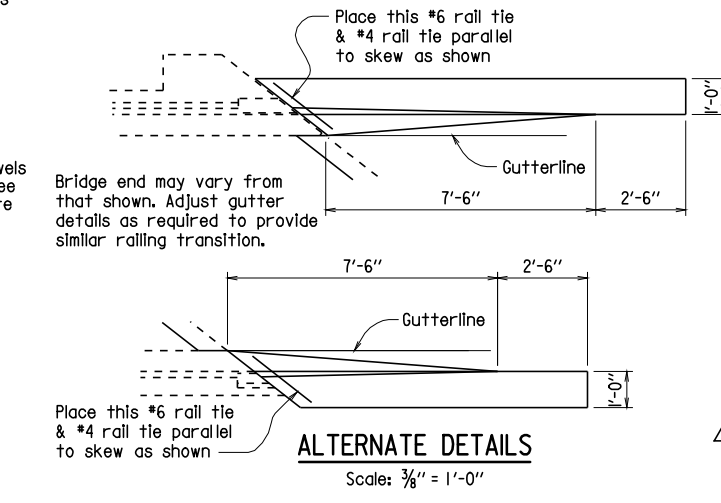
Concrete shall be Class S or S(AE) or mixture used for Portland Cement Concrete Pavement.
Reinforcing steel shall conform to AASHTO M31 or M53, Grade 60 (fy = 60,000 psi). Fabricate bar lengths to provide 2" minimum cover at each end.
Approach gutters will be measured and paid for in accordance with Section 504 of the Standard Specifications.

QUANTITIES FOR ONE SQUARE APPROACH GUTTER

'S'	Concrete	Reinforcing Steel
5'-6"	12.49 cu.yd.	1227 lb.
5'-9"	12.91 cu.yd.	1276 lb.
6'-0"	13.34 cu.yd.	1296 lb.
9'-6"	19.23 cu.yd.	1746 lb.
9'-9"	19.65 cu.yd.	1795 lb.
10'-0"	20.07 cu.yd.	1815 lb.



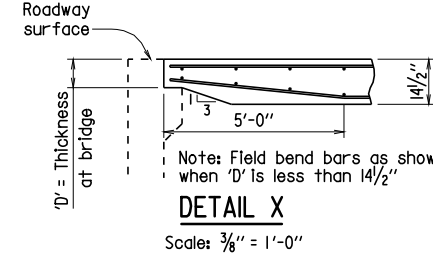
Revised and redrawn 4-10-2003. By KDH Ck. By: CJF 4-10-2003



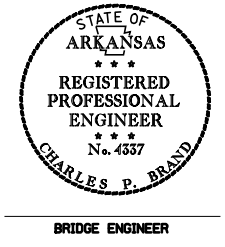
ALTERNATE DETAILS
Scale: 3/8" = 1'-0"

DOWELING NOTE

If new approach slab is used, place dowels into approach slab using 18" embedment.
If existing approach slab is retained, dowels shall be drilled and grouted 18" into existing slab. At the Contractor's option, existing dowels may be retained, cleaned and incorporated into new gutters. Work for drilling and grouting, or retaining and cleaning will not be paid for separately but will be considered subsidiary to 'Approach Gutters (Type PT)'.
Note: Field bend bars as shown when 'D' is less than 14 1/2"



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



DETAILS OF STANDARD TYPE 'PT' APPROACH GUTTERS (BRIDGES WITH CONCRETE PARAPET RAILING)

ROUTE SEC.
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: KDH DATE: 4-10-2003 FILENAME: B2091.STD
CHECKED BY: CJF DATE: 4-10-2003 SCALE: AS NOTED
DESIGNED BY: STD. DATE: BRIDGE NO. DRAWING NO. 2091