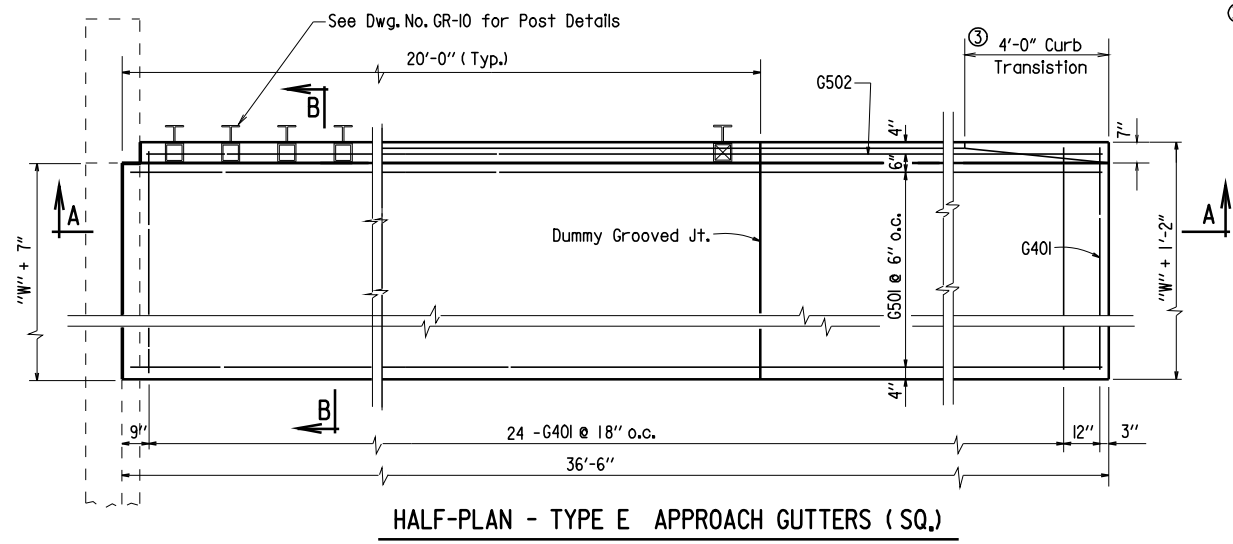


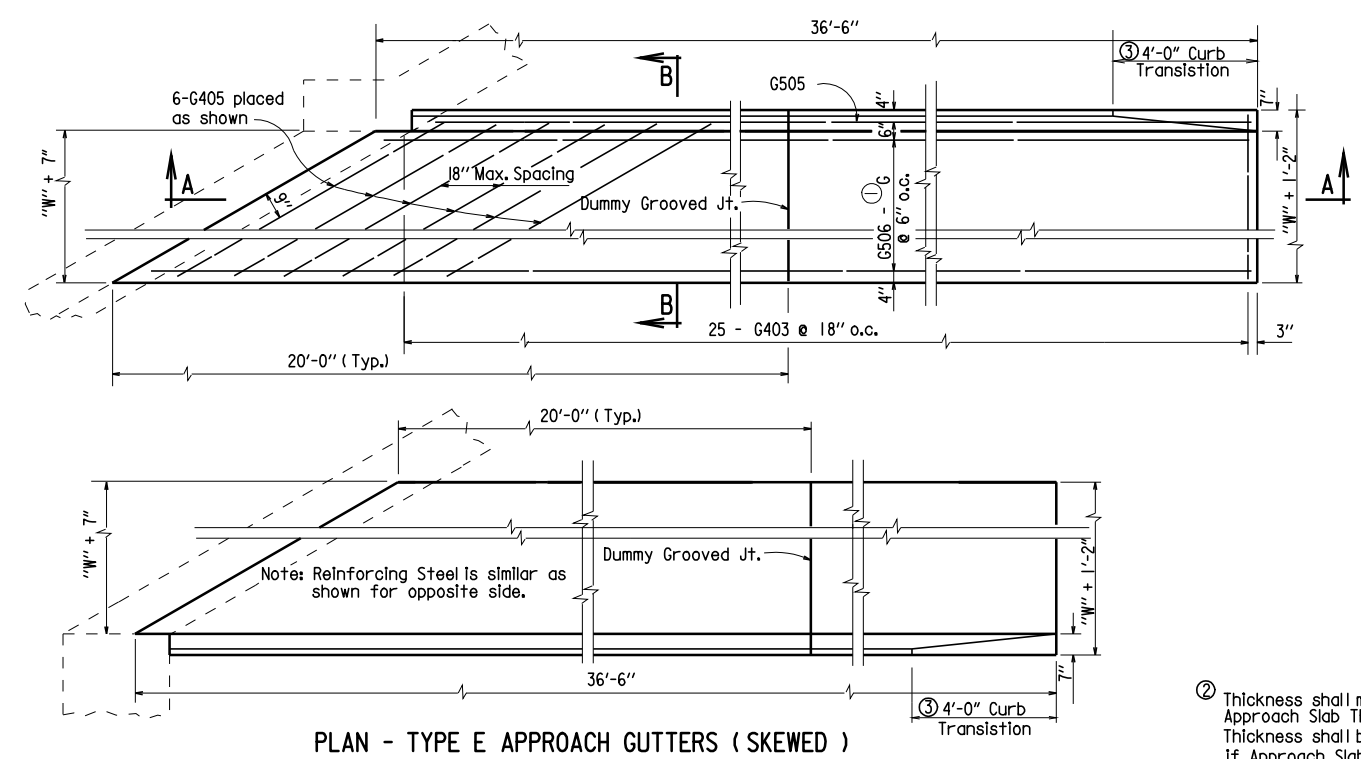
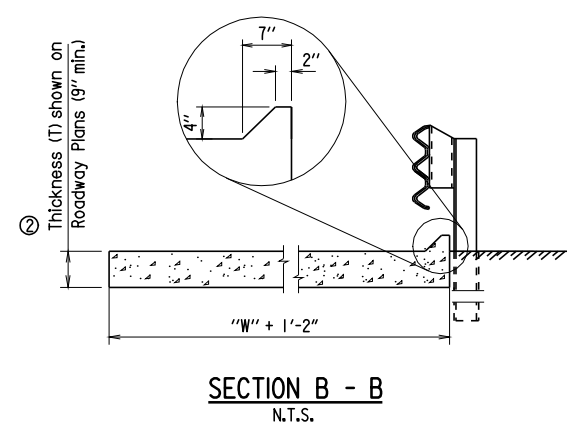
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4-10-2003				6	ARK.			
				JOB NO.				

① TYPE E GUTTERS - 2016E



③ Construct gutter curb with height-transition as shown if drop inlet is not placed at end of gutter.

Construct gutter curb full height (no height-transition) if drop inlet is placed at end of gutter. Curb height transition placed on drop inlet. See drop inlet details.



② Thickness shall match Approach Slab Thickness. Thickness shall be 9" if Approach Slab is not used.

*****BAR LIST - ONE GUTTER**

MK	Square or Skewed	Length	E Approach Gutter			
			No. Req'd. for Width "W"			
			4'-0"	6'-0"	8'-0"	10'-0"
G501	Sq.	36'-2"	9	13	17	21
G502	Sq.	35'-8"	1	1	1	1
G503	Sq.	-	-	-	-	-
G504	Skew.	-	-	-	-	-
G505	Skew.	*	1	1	1	1
G506 to ① G5...	Skew.	*	1 Ea.	1 Ea.	1 Ea.	1 Ea.
G401	Sq.	"W"+10"	25	25	25	25
G402	Sq.	-	-	-	-	-
G403	Skew.	"W"+10"	25	25	25	25
G404	Skew.	-	-	-	-	-
G405	Skew.	*	6	6	6	6

① G514 (For W = 4')

G518 (For W = 6')

G522 (For W = 8')

G526 (For W = 10')

* Length Varies with Skew Angle.

*** Special Bar List Required when skew angle exceeds: 35° for W = 10'; 40° for W = 8'; 50° for W = 6'; or 60° for W = 4'

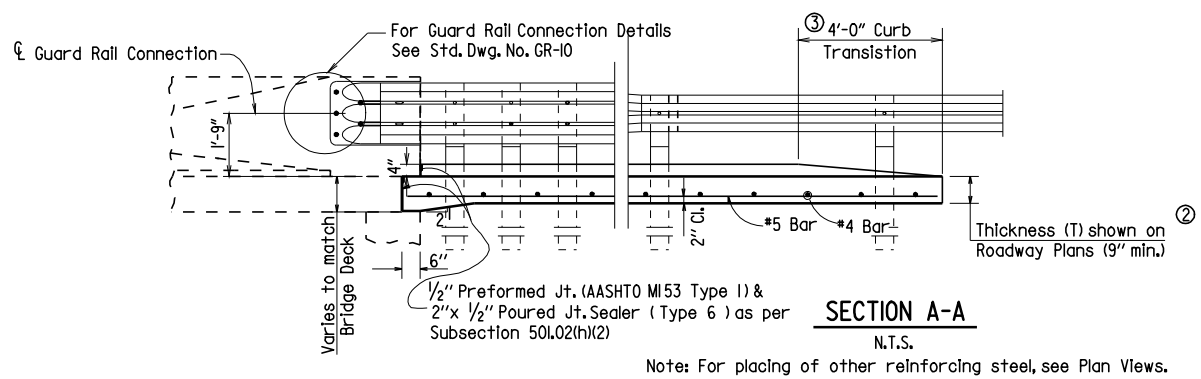
GENERAL NOTES

Concrete shall be Class S or Class S(AE) or mixture used for Portland Cement Concrete Pavement.

Reinforcement Steel shall conform to AASHTO M31 or M53, Grade 60 (fy = 60,000 psi).

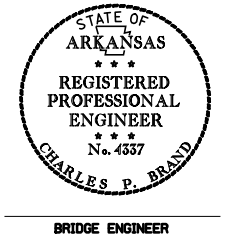
Approach Gutters will be measured and paid for in accordance with Section 504 of the Standard Specifications.

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



QUANTITIES FOR ONE SQUARE APPROACH GUTTER

"W" Width (ft.)	Reinforcing Steel (lbs.)	Concrete (cubic yards)				
		T=9"	T=10"	T=11"	T=12"	T=14 1/2"
4	455	5.61	6.19	6.78	7.36	8.82
6	639	7.73	8.53	9.34	10.14	12.16
8	823	9.85	10.88	11.92	12.95	15.53
10	1007	11.98	13.23	14.49	15.74	18.89



DETAILS OF STANDARD TYPE E APPROACH GUTTERS

ROUTE SEC.

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

DRAWN BY: KDH DATE: 4-10-2003 FILENAME: B2016E.STD

CHECKED BY: CJF DATE: 4-10-2003 SCALE: 3/8" = 1'-0" or as noted

DESIGNED BY: STD. DATE:

BRIDGE NO. DRAWING NO. 2016E