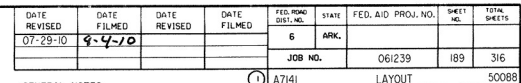


Use Type Special 6 & 7 Std. Approach Gutters and Approach Slabs
(See Std. Dwg. 2018) at end of bridge. See Dwg.
Nos. 50113-50114 for details.

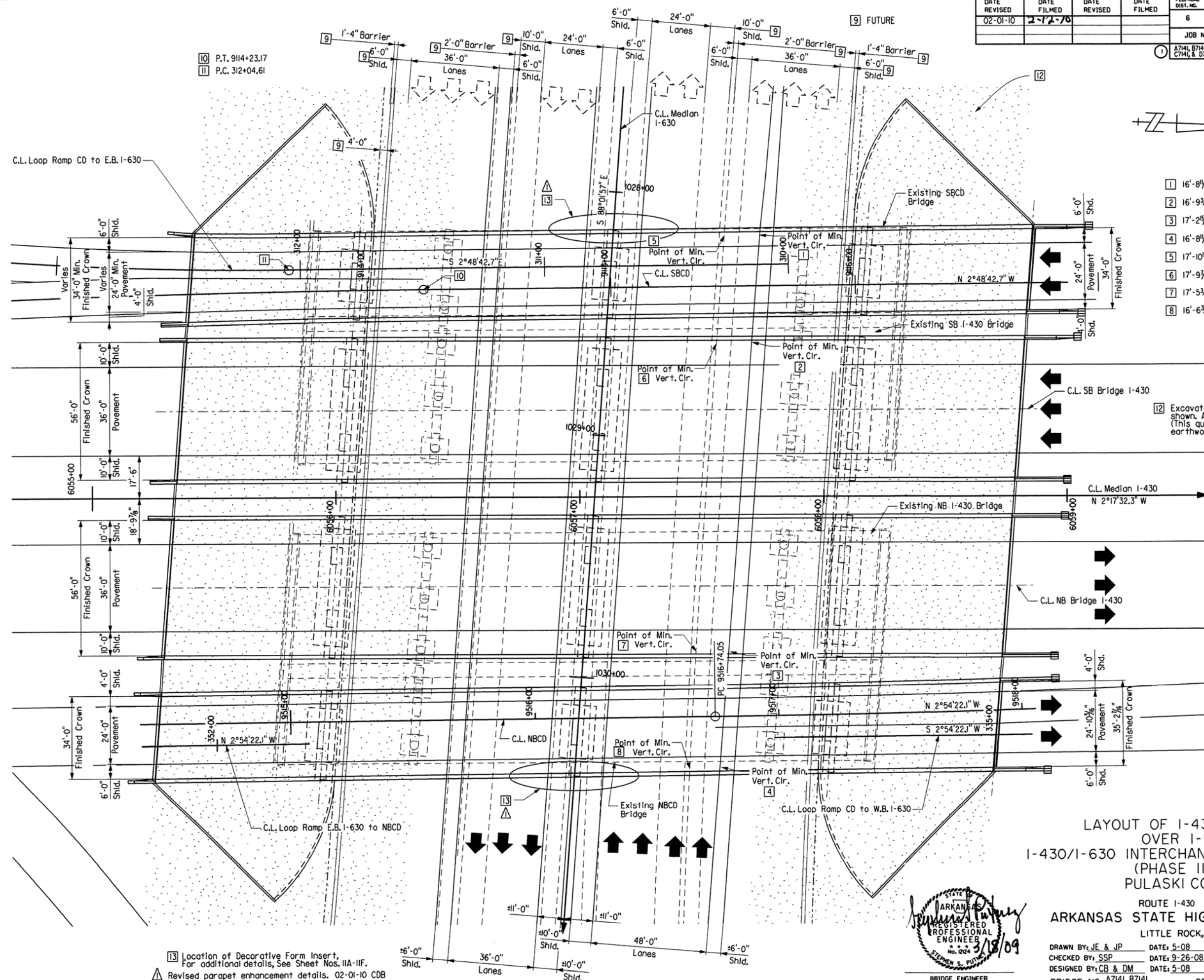


BRIDGE A
LAYOUT OF I-430 BRIDGE
OVER I-630
I-430/I-630 INTERCHANGE MODIFICATIONS
(PHASE II) (F)
PULASKI COUNTY

DRAWN BY: JF & JP DATE: 5-08 FILENAME: b061198a1_111.dgn
 CHECKED BY: SSP DATE: 9-26-08 SCALE: 1" = 20'-0"
 DESIGNED BY: CB & DM DATE: 5-08
 BRIDGE NO. A7141 DRAWING NO. 50088

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
02-01-10	2-17-70			6	ARK.			
				JOB NO.		061239	186	316

1 A7141, B7141, C7141, & D7141 LAYOUT 50085



- 1 16'-8 1/8" Min. Vert. Clr. (To Existing I-630)
- 2 16'-9 3/8" Min. Vert. Clr. (To Existing I-630)
- 3 17'-2 5/8" Min. Vert. Clr. (To Existing I-630)
- 4 16'-8 1/8" Min. Vert. Clr. (To Existing I-630)
- 5 17'-10 1/8" Min. Vert. Clr. (To Future I-630)
- 6 17'-9 3/8" Min. Vert. Clr. (To Future I-630)
- 7 17'-5 3/8" Min. Vert. Clr. (To Future I-630)
- 8 16'-6 3/4" Min. Vert. Clr. (To Future I-630)

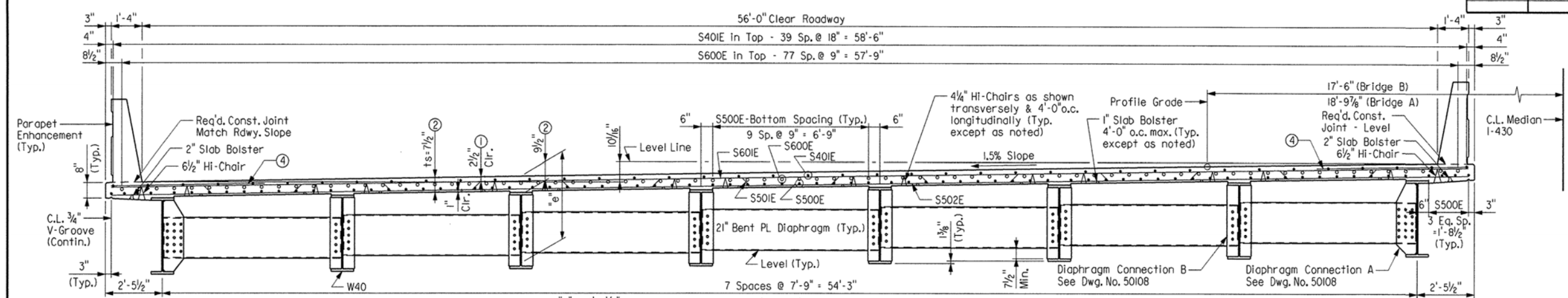
12 Excavate existing embankment as shown. Approx. 19,250 cu. yd. is required. (This quantity is included in the roadway earthwork quantity.)

LAYOUT OF I-430 BRIDGES
OVER I-630
I-430/I-630 INTERCHANGE MODIFICATIONS
(PHASE II) (F)
PULASKI COUNTY
ROUTE I-430 SEC. 21
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.
DRAWN BY: JE & JP DATE: 5-08
CHECKED BY: SSP DATE: 9-26-08
DESIGNED BY: CB & DM DATE: 5-08
BRIDGE NO. A7141, B7141, C7141, & D7141
DRAWING NO. 50085



13 Location of Decorative Form Insert, For additional details, See Sheet Nos. IIA-IIF.
Revised parapet enhancement details. 02-01-10 CDB

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
07-29-10	9-4-10			6	ARK.			
				JOB NO.		061239	207A	316



NOTES:

One Epoxy Coated #5 bar in the top and one Epoxy Coated #5 bar in the bottom may be substituted for each bar S501E. Payment will be based on the weight of bar S501E.

Class I Protective Surface Treatment shall be applied to the Roadway Surface. Class 3 Textured Coating Finish shall be applied to all areas specified in Special Provision Job 061239 "Textured Coating Finish".

All bars designated with an E suffix are to be epoxy coated.

TYPICAL SECTION
Bridge A Shown
Looking Ahead
3/8" = 1'-0"

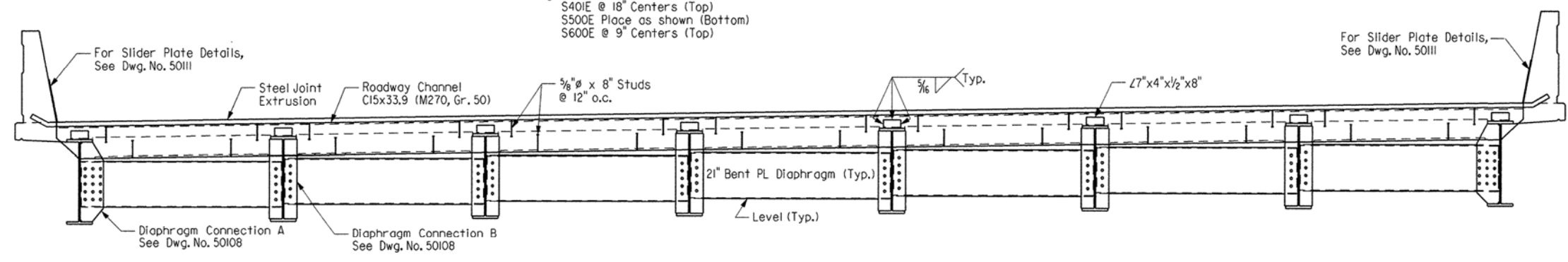
SLAB REINFORCING:
Transverse:
S501E @ 13" Centers (Bent up over beams)
S502E @ 13" Centers (Bottom)
S503E thru S501E @ 6 1/2" Centers (Bottom)
S601E @ 13" Centers (Top)
S602E thru S609E @ 6 1/2" Centers (Top)
④ S701E Place as shown
See Detail "A" on Dwg. No. 50107

Longitudinal:
S401E @ 18" Centers (Top)
S500E Place as shown (Bottom)
S600E @ 9" Centers (Top)

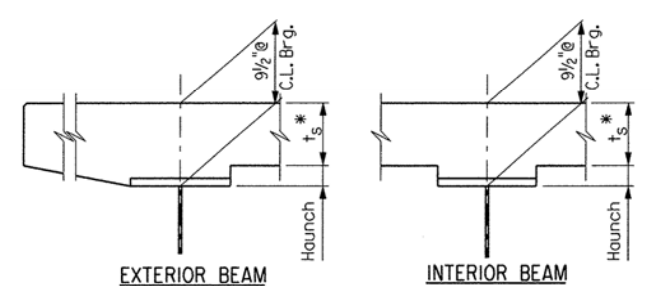
- ① TOLERANCE:
Minus: 1/4"
Plus: Equal to amount of slab thickening used to meet slab thickness tolerance. See "ADJUSTMENT FOR SLAB THICKNESS TOLERANCE WHEN REMOVABLE DECK FORMING IS USED".
- ② See "ADJUSTMENT FOR SLAB THICKNESS TOLERANCE WHEN REMOVABLE DECK FORMING IS USED".

EXPANSION DEVICE
Neoprene Strip Seal with Steel Extrusion
Roadway Channel C15x33.9 (M270, Gr. 50)
Conn. L's 7"x4"x1/2"
Detail Device 1/8" high and provide
1/4" shims using 2-1/16" and 1-1/8" PL's

For Additional Details of Expansion Device, See Dwg. No. 50111



VIEW AT C.L. JOINT
3/8" = 1'-0"

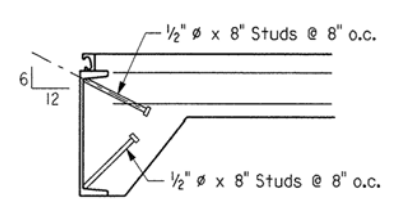


Note: t_s = slab thickness as shown on "TYPICAL SECTION".
*Tolerance when removable deck forming is used is $\pm 1/2"$, $-1/4"$.
Haunch forming is required and shall be adjusted to maintain slab thickness tolerance.

ADJUSTMENT FOR SLAB THICKNESS TOLERANCE WHEN REMOVABLE DECK FORMING IS USED

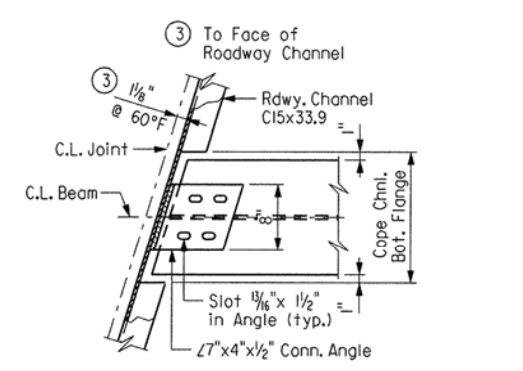
No Scale
Haunch dimension may vary within the following limits to maintain the grade and slab thickness tolerance; Minimum - occurs when the top flange is 1/8" from the bottom reinforcing steel; Maximum - top flange thickness plus 2 1/8". No increase in concrete and structural steel quantities will be made to maintain tolerances.

Tolerances shown are applicable only when removable deck forming is used. See Std. Dwg. No. 14991 for tolerances when permanent steel deck forms are used. Payment for concrete shall be based on removable deck forming.



Note: As an alternate to 3/8" ϕ studs, 1/2" ϕ x 8" studs spaced as shown may be used. Use weight of 3/8" ϕ stud as basis of measurement of structural steel in anchors.

DETAIL OF ALTERNATE ANCHORS
No Scale



ROADWAY CHANNEL CONNECTION DETAIL

Note: For "BAR LIST" see Dwg. No. 50107A.

⚠ This drawing supercedes Drawing No. 50106 per change order No. 19ARRA. 07-29-10 CDB

SHEET 1 OF 5
DETAILS OF 344'-0" CONTINUOUS
COMPOSITE W-BEAM UNIT
I-430 MAINLANES

ROUTE I-430 SEC. 21
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

Professional Engineer
STEPHEN S. PUTNEY
No. 1224
BRIDGE ENGINEER

DRAWN BY: JFE DATE: 6-08
CHECKED BY: SSP DATE: 9-26-08
DESIGNED BY: CB & DM DATE: 6-08
BRIDGE NO. A&B7141
DRAWING NO. 50106A