DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
					ARK.			
				JOB NO.		110395	72	203
				06830 284', 330' & 368' UNIT 47069				

Note:
The Superstructure details shown are for use when removable deck forming is used and are the basis for measurement of Class S(AE) Concrete. See Standard Drwg. No. 14991 for allowable modifications and for tolerances when Permanent Deck Forming is used.

SLAB REINFORCING

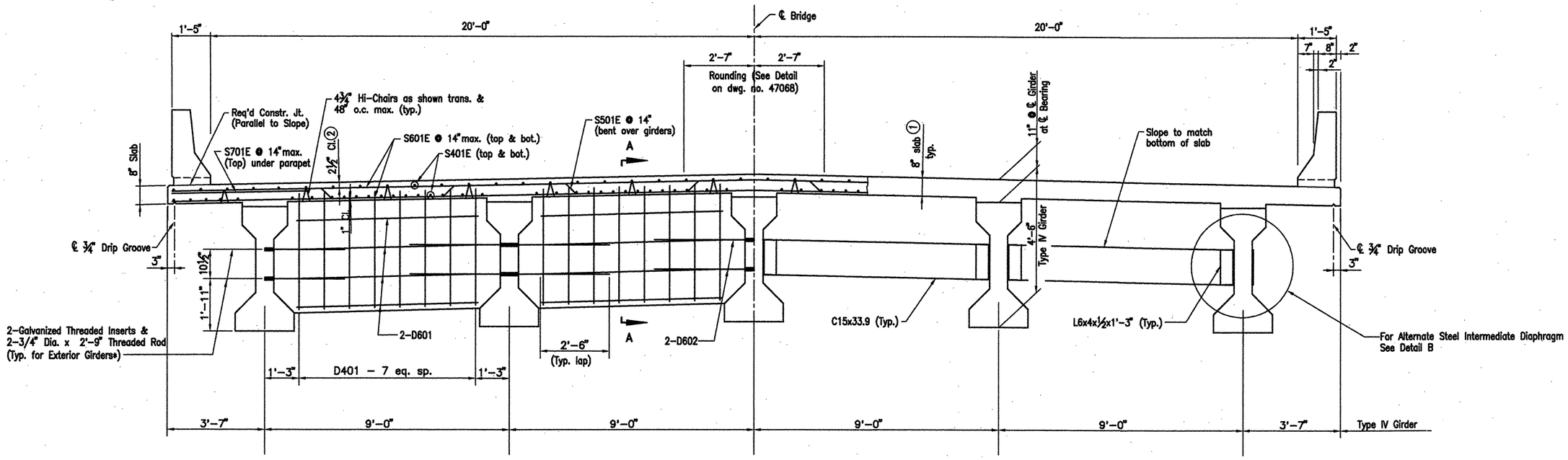
Transverse: S501E @ 14" o.c. max. bent up over girders
S601E @ 14" o.c. max. in top and bottom
S701E @ 14" o.c. max. in top at parapet

Longitudinal: S401E in top and bottom (Placed as shown)

PARAPET REINFORCING

For placing of parapet reinforcing see dwg. 47075.

Note: Class I Protective Surface Treatment shall be applied to the Roadway Surface and to the Face and Top of the Concrete Parapet Rail.



* Galvanized Threaded Inserts & ¾" Dia. Threaded Rods to be AASHTO M270, Gr. 36. (Non-Pay Item subsidiary to the item 'Prestressed Concrete Girders'. Galvanizing shall be in accordance with AASHTO M232

CAST-IN-PLACE CONCRETE DIAPHRAGMS

ALTERNATE STRUCTURAL STEEL DIAPHRAGMS

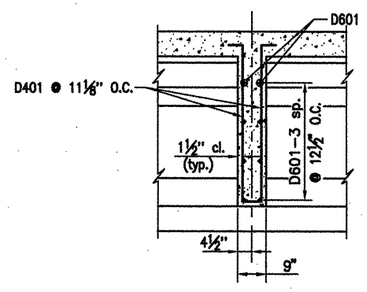
TYPICAL PART-SECTION AT INTERMEDIATE DIAPHRAGMS

Scale: ½" = 1'-0"

(1) Tolerance: Minus: ¼"
Plus: ½"

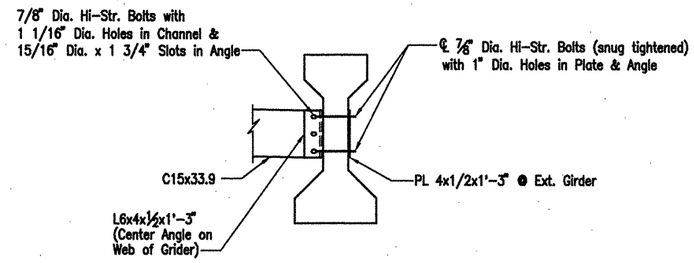
(2) Tolerance: Minus: ¼"
Plus: Equal to amount of slab thickening used to meet slab thickness tolerance

Note: All components of the Alternate Structural Steel Diaphragms shall be galvanized, shall be AASHTO M270 Gr.36 and shall be paid for as Class S(AE) Concrete.



SECTION A-A

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



DETAIL B

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

Note: A washer shall be supplied for use under both the nut & head of the 7/8" Dia. Hi-Str. Bolts.

CERTIFICATE OF AUTHORIZATION — H. JAMES ENGSTROM & ASSOC., INC. No. 164 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NO. 3126 — H. JAMES ENGSTROM — 9/1/10

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No.4281 — W. B. CONWAY — 8/31/10

BRIDGE ENGINEER

ALTERNATE NO. 1

DETAILS OF 284', 330' & 368' CONT. PRESTRESSED CONCRETE GIRDER UNITS (SHEET 8 OF 19)

WHITE RIVER STR. & APPRS. (CLARENDON) (PH III) (F)
MONROE COUNTY

ROUTE 79 SEC. 13

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

Engstrom/Modjeski and Masters, Inc.

DRAWN BY: YO/GPT DATE: Nov. 07 FILENAME: b11039512_s07
CHECKED BY: JES DATE: Nov. 01 SCALE: ½" = 1'-0"
DESIGNED BY: YO/GPT DATE: Nov. 01

BRIDGE NO. 06830 DRAWING NO. 47069

COMPANY\1999 JOBS\99-044 AHTD\WHITERIVER\JOB 110395\368 crossection1 ACAD SCALE: 1/2"=1'-0"