

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.		040455	125	394
				07048		SPAN DETAILS		47647

### NOTES:

One Epoxy Coated #5 bar in the top and one Epoxy Coated #5 bar in the bottom may be substituted for each bar S50IE and S503E. Payment will be based on the weight of bar S50IE and S503E.

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

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

#### 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".

#### SLAB REINFORCING:

Transverse:

S50IE & S503E @ 15" Centers (Bent up over beams)

S502E & S504E @ 15" Centers (Bottom)

S505E to S5128E @ 7 1/2" Centers (Bottom)

S60IE & S602E @ 15" Centers (Top)

S603E to S6126E @ 7 1/2" Centers (Top)

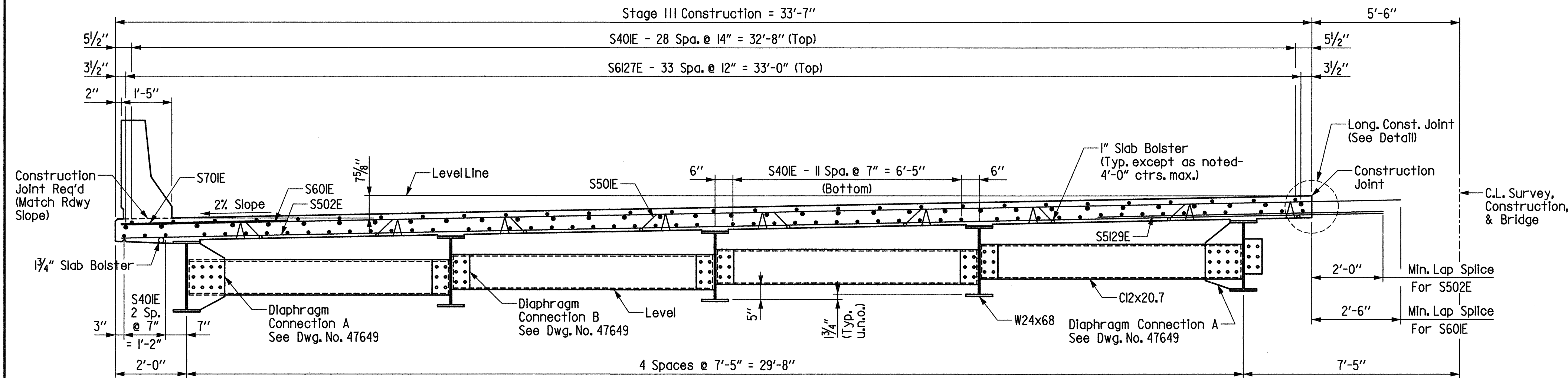
S70IE in top of overhang

Longitudinal:

S40IE @ 14" Centers (Top)

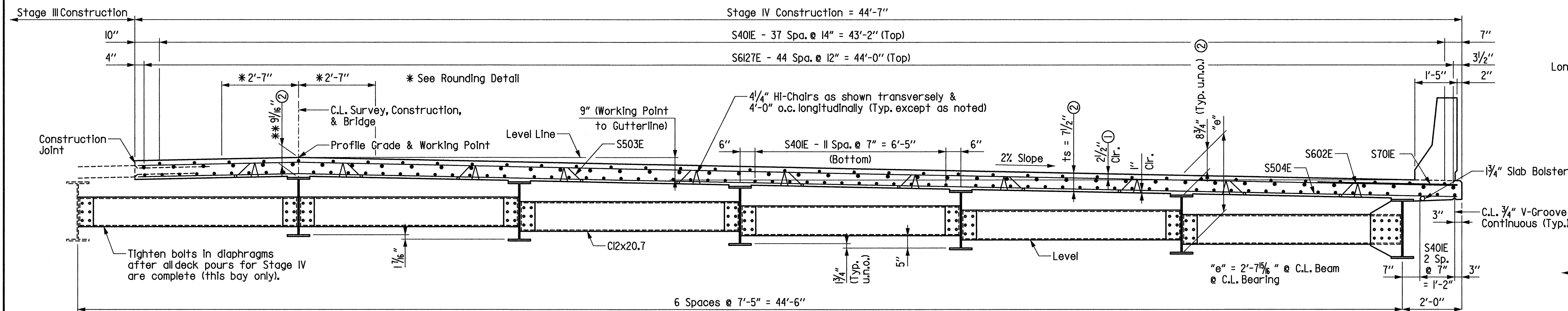
S40IE Placed as shown (Bottom)

S6127E @ 12" Centers (Top)



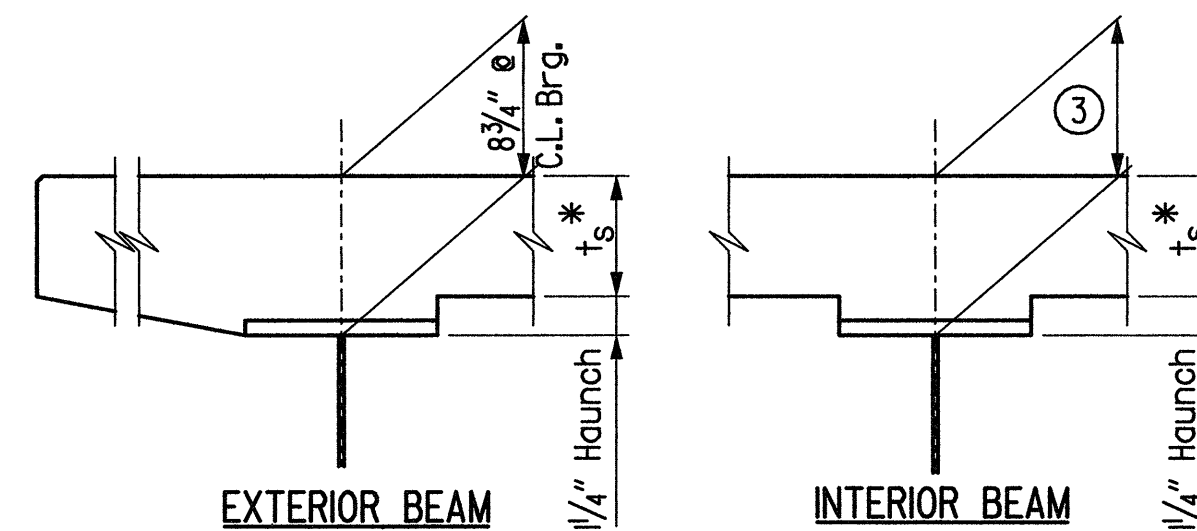
### TYPICAL SECTION - STAGE III CONSTRUCTION

(Looking Ahead)  
1/2" = 1'-0"



### TYPICAL SECTION - STAGE IV CONSTRUCTION

(Looking Ahead)  
1/2" = 1'-0"



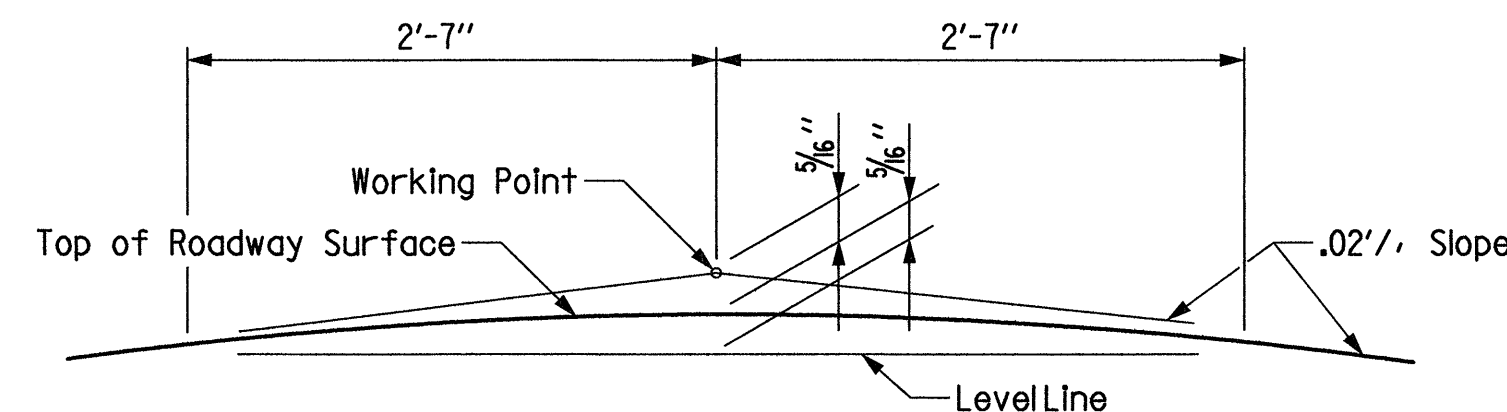
Notes: ts = slab thickness as shown on "TYPICAL SECTION".  
\*Tolerance when removable deck forming is used is +1/2", -1/4".  
\*Haunch forming is required and shall be adjusted to maintain slab thickness tolerance.

#### 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 contacts the bottom reinforcing steel; Maximum - top flange thickness plus 1 3/4". 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.

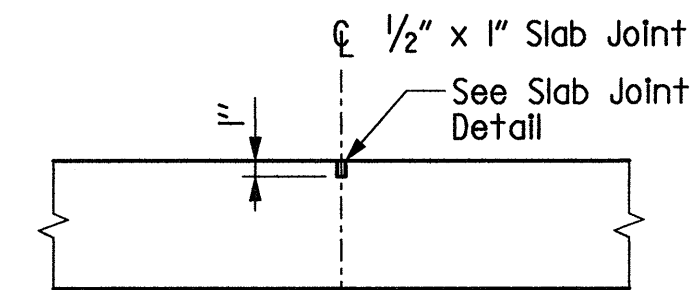
③ 8 3/4" @ C.L. Brg. - Beams 2-5, 7-10  
9 1/6" @ C.L. Brg. - Beam 6



NOTE: Working Point matches Theoretical Roadway Grade.

#### ROUNDING DETAIL

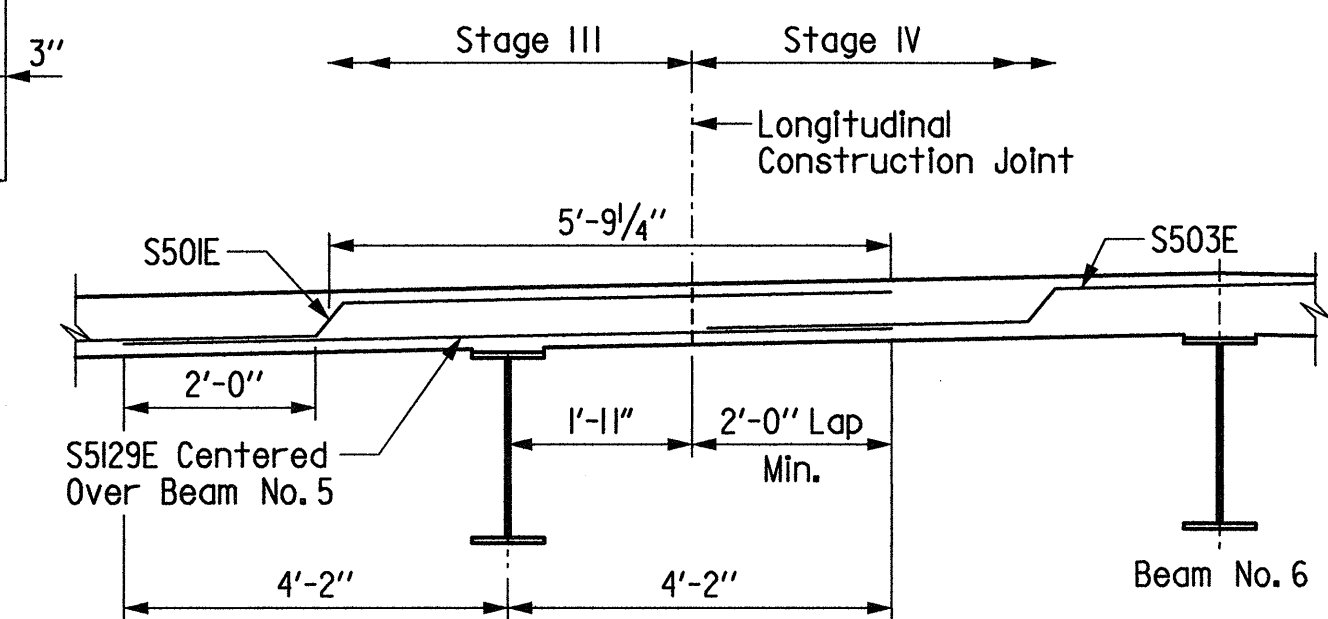
No Scale



Use Type 6 Joint Sealer. See subsections 501.02(h) and 501.05(j). Joint Sealer shall be measured and paid for as Class S(AE) Concrete-Bridge. Longitudinal joints shall be formed.

#### LONGITUDINAL CONSTRUCTION JOINT

No Scale



#### LAP DETAIL OF TRUSSED BARS

1/2" = 1'-0"

### ALTERNATE NO. 1 SHEET 1 OF 6 DETAILS OF 111'-0" CONTINUOUS COMPOSITE W-BEAM UNIT LITTLE VACHE GRASSE CREEK

#### ROUTE 22 SEC. 1 ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

DRAWN BY: JE DATE: 6-05 FILENAME: b04045511.sll.dgn  
CHECKED BY: LM DATE: 6-05 SCALE: AS SHOWN  
DESIGNED BY: DM DATE: 6-05

BRIDGE NO. 07048

DRAWING NO. 47647



BRIDGE ENGINEER