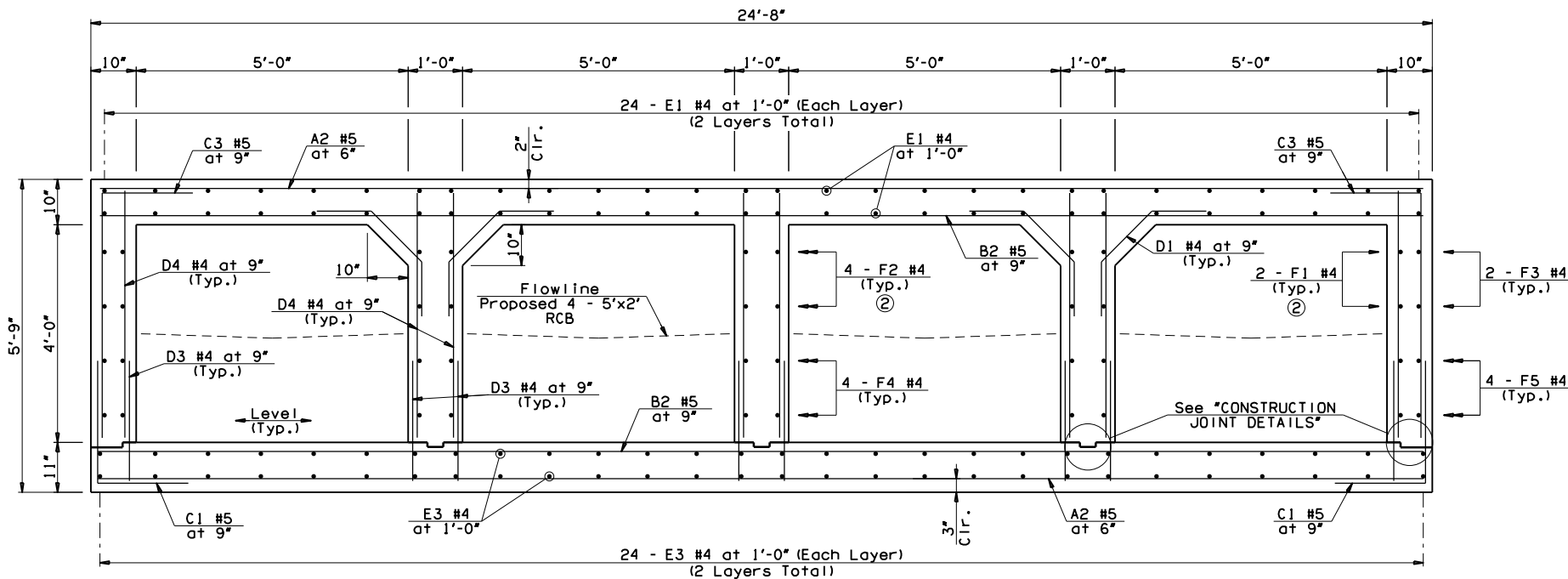
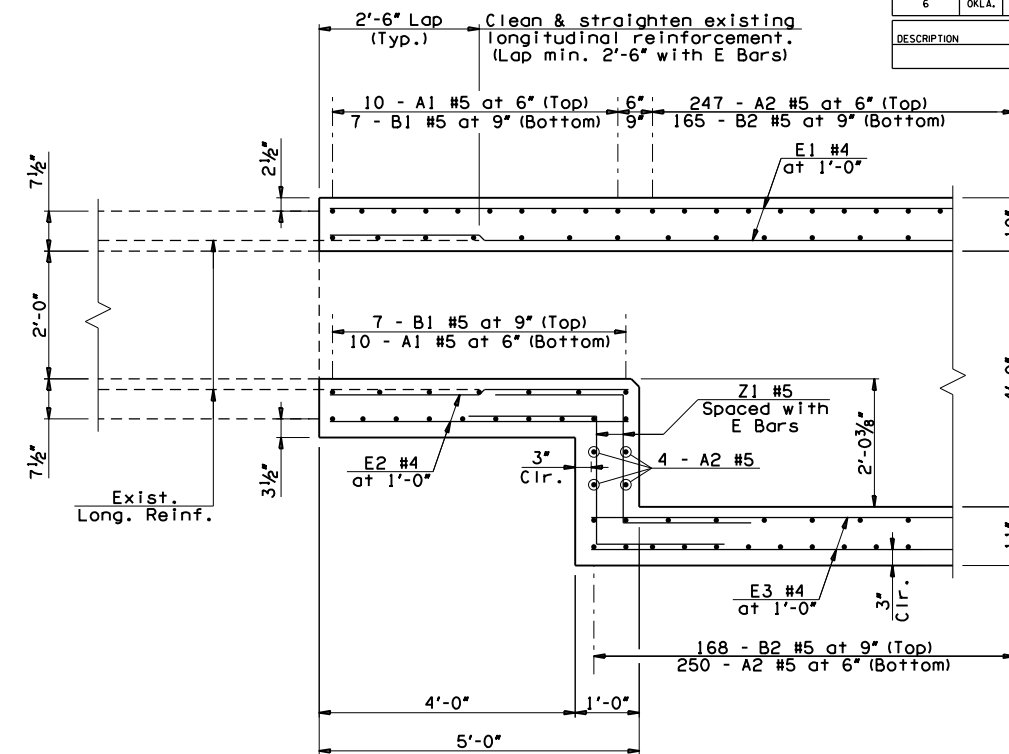


SECTION A-A



SECTION B-B



SECTION C-C

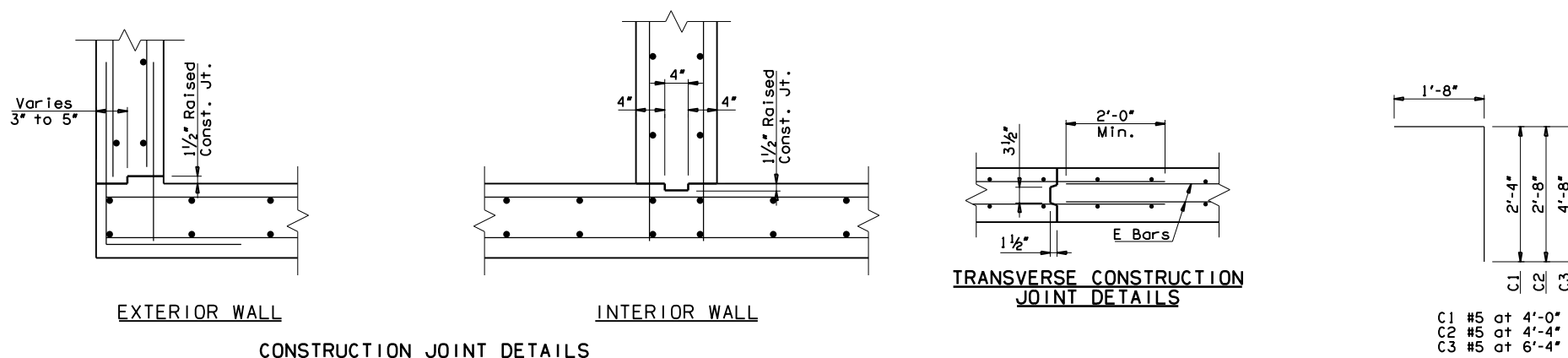
DESIGN DATA

1. Designed in accordance with 6th Edition AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS with updated INTERIM SPECIFICATIONS.
2. Designed for HL-93 LOADING and ODOT OVERLOAD TRUCK.
3. Materials:  
 CONCRETE (CLASS AA)  $f'_c = 4,000$  psi  
 REINFORCING STEEL  $f_y = 60,000$  psi

GENERAL NOTES

1. All construction and material requirements shall be in accordance with the 2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
2. All concrete edges shall have a  $1\frac{1}{2}$ " chamfer unless otherwise shown or noted. All chamfer strips shall be sized lumber.
3. All reinforcing steel shall have a 2" minimum clear cover unless otherwise shown.
4. Transverse construction joints shall be spaced at 60 ft. maximum.
5. The quantity for reinforcing steel does not include lap splices of longitudinal bars (E Bars & F Bars) in the length of the barrel or at transverse construction joints. The splice length for E Bars & F Bars shall be 24" minimum. The number of splices used is to be approved by the Engineer. Reinforcing steel for splices shall not be measured for payment, and all costs will be included in the bid price for "REINFORCING STEEL".
6. Reinforcing steel shall be continuous through the transverse construction joint and extend a minimum of 24" into adjacent section.

- \*\* Match slope with existing. (Typical)
- ① Lap 2'-6" min. with existing reinforcement.
- ② F1 and F2 Bars extend from SECTION A-A thru SECTION B-B.



CONSTRUCTION JOINT DETAILS

NOTE:  
See Sheet No. 149 for additional reinforcement details, barlists and quantities.

1-44 OVER CREEK BRIDGE 'B'	COMANCHE COUNTY	DESIGN	BSB	04/13
4 - 5'x4' REINFORCED CONCRETE BOX CULVERT DETAILS (SHEET 3 OF 5)		DETAIL	BSB	04/13
		CHECK	BRT	04/13
		<b>GARVER</b>		