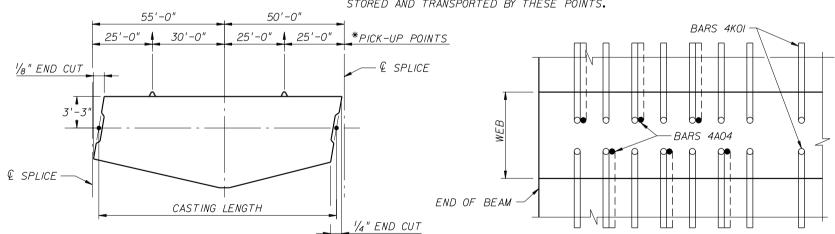


*PIER BEAM SEGMENTS SHALL BE HANDLED. STORED AND TRANSPORTED BY THESE POINTS.



BEAM END CUTS (PIER 46 SHOWN, PIER 47 OPPOSITE HAND)

DETAIL A

(LOOKING @ TOP OF BEAM IN PLAN VIEW) (PLACE 6-4AO4 AT EACH END OF BEAM EXCEPT AT ANCHORAGE BLOCKS OF END BEAM SEGMENTS)

- DUCTS IF NECESSARY. THESE BARS SHALL BE BENT PRIOR TO LEAVING THE PRESTRESSING YARD.
- 3. CAUTION SHOULD BE USED WITH BARS 4LO2 IN THE ENDS OF EXTERIOR BEAMS TO ASSURE THE BENT PORTION OF THE BAR IS PROPERLY ORIENTED SO THAT THE BAR WILL BE EMBEDDED IN THE DIAPHRAGM CONCRETE.
- 4. INSTALL SAFETY SLEEVES I'-IO" FROM ENDS OF BEAM AND SPACE AT 8'-0" (MAX) CENTERS. SHIFT "K" BARS LOCALLY TO ALLOW PLACEMENT. SAFETY SLEEVES SHALL BE 21/2" NPS x 5" SCH. 40 PVC WITH CAP. HOLES SHALL BE FREE OF DEBRIS AND WATER PRIOR TO CASTING DECK.
- 5. FOR POST-TENSIONING DUCT LOCATIONS, SEE SHEETS BX-XX & BX-XX. 6. FOR BEAM REBAR BENDING DETAILS AND QUANTITIES, SEE SHEET BX-XX.
- 7. BEAM CASTING LENGTH INCLUDES ADJUSTMENT FOR: GRADE LENGTH AND ELASTIC SHORTENING FOR PRESTRESSING AND POST-TENSIONING. IT ALSO INCLUDES SHORTENING DUE TO CREEP & SHRINKAGE AT THE TIME OF TRANSITION PIER DIAPHRAGM CASTING. END CUTS INCLUDE GRADE CHANGE AND END ROTATION FOR CAMBER DUE TO PRESTRESSING STRANDS ONLY.
- 8. AT THE VERTICALLY BEVELED ENDS OF THE BEAM, BARS 3DOI, 3DO2 AND 4KOI SHALL BE PLACED PARALLEL TO THE END OF THE BEAM, WITHIN THE LIMITS OF BAR 4102, BARS 5801 AND 5802 SHALL ALSO BE PLACED PARALLEL TO THE END CUT WITHIN THE EXTENTS OF THE ANCHORAGE.
- 9. BARS 4KOI, 5BOI AND 5BO2 SHALL BE PLACED AND TIED TO THE TOP OF THE BOTTOM ROW OF PRESTRESSED STRANDS.
- 10. SEE DESIGN STANDARD INDEX 21801 FOR GROUT INLET/OUTLET LOCATIONS FOR DUCTS.

BRIDGE NO. XXXXXX

REVISIONS					STRUCTURES DESIGN OFFICE	DRAWN BY:	STATE OF FLORIDA			SHEET TITLE.		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE BY	DESCRIPTION		XXX MM-YY CHECKED BY:	DED A DEL CENTE OF TRANSPORT				PIER BEAM SEGMENTS (SHEET 1 OF 2)	
			'		CENTRAL OFFICE 605 Suwannee Street, MS 33	XXX MM-YY ROAD NO.	AD NO. COUNTY	FINANCIAL PROJECT ID	PROJECT NAME.			
						DESIGNED BY: XXX MM-YY	XXX MM-YY			SUPERSTRUCTURE DETAILS EXAMPLE 4	SHEET NO.	
					Tallahassee, Florida 32399-0450	CHECKED BY				1	SPLICED GIRDER PIER BEAM SEGMENTS	

