

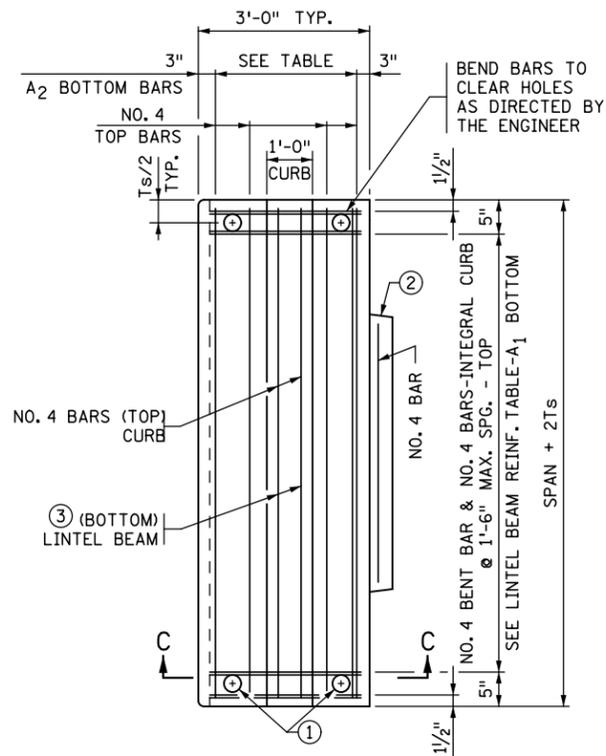
**CONSTRUCTION NOTES**

SEE STANDARD FIG. 5-395.101(A) AND FIG. 5-395.101(B) FOR ADDITIONAL DIMENSIONS AND CONSTRUCTION NOTES.

ALL END SECTIONS REQUIRE CURB ON LINTEL BEAM.

GROUT CONSISTS OF 1 PART CEMENT AND 2 PARTS SAND. USE TYPE 1A AIR ENTRAINED PORTLAND CEMENT. GROUT MIX MAXIMUM SLUMP IS 4".

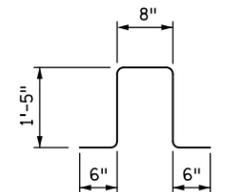
- ① 3" DIA. HOLE THROUGH LINTEL BEAM AND 2" DIA. HOLE IN TOP OF WALL SECTION. PLACE NO. 8 DOWEL, 1'-0" LONG, IN HOLE AND FILL HOLE WITH GROUT.
- ② CHECK THE LOCATION TO DETERMINE WHETHER A TONGUE OR A GROOVE IS USED. TONGUE AND GROOVE TO TERMINATE AT HAUNCH.
- ③ FOR SPANS UNDER 10'-0" USE NO. 8 BARS. FOR SPANS OF 10'-0" TO 12'-0" USE NO. 9 BARS. FOR 14'-0" AND 16'-0" SPAN, USE NO. 10 BARS.
- ④ ALTERNATE BAR BEND MAY BE USED FOR NO. 4 BENT BAR.



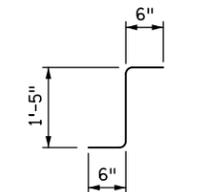
**PLAN VIEW OF SQUARE LINTEL BEAM**

LINTEL BEAM BOTTOM REINFORCEMENT		
SPAN (FT.)	A <sub>1</sub>	A <sub>2</sub>
6	NO. 4 @ 1'-2"	NO. 4 @ 9/2"
8	NO. 4 @ 8"	NO. 5 @ 8"
10	NO. 5 @ 8"	NO. 6 @ 7 1/2"
12	NO. 5 @ 6"	NO. 6 @ 6"
14	NO. 6 @ 6"	NO. 7 @ 6"
16	NO. 6 @ 6"	NO. 7 @ 6"

NOTE: MAXIMUM BAR SPACING GIVEN, REDUCE AS NECESSARY

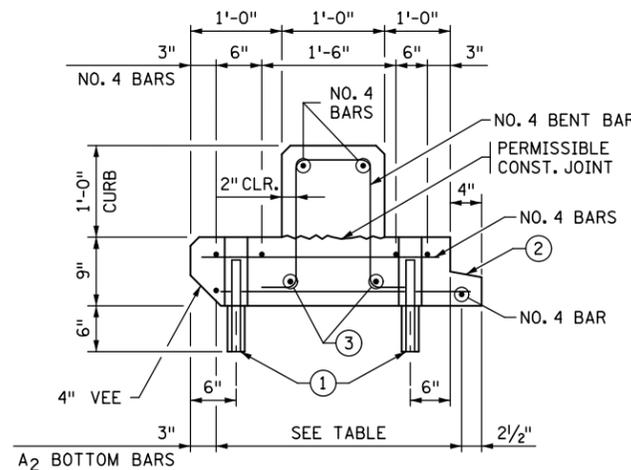


**NO. 4 BENT BAR**



**NO. 4 BENT BAR  
ALTERNATE**

④  
2 REQUIRED



**SECTION C-C**

INTEGRAL CURB WITH TONGUE.  
ADDITIONAL REINFORCEMENT IN TONGUE NOT SHOWN.

REVISION: 10-09-2015  
APPROVED: MARCH 24, 2011  
*Nancy Subenberger*  
STATE BRIDGE ENGINEER

STATE PROJ. NO		- (T.H.) STA. + .		FIG. 5-395.104(B)	
CERTIFIED BY	DATE	TITLE: PRECAST CONCRETE END SECTION	DES: _____	DR: _____	APPROVED: _____
NAME:	LIC. NO.	TYPE III - SINGLE OR DOUBLE BARREL	CHK: _____	CHK: _____	BRIDGE NO. _____
		FOR SKEWS UP TO 7 1/2°	SHEET NO. OF SHEETS		