

Figure 5-395.104(B)

Precast Concrete End Section Type III – Single or Double Barrel For Skews Up To 7¹/₂°

Approved, and signed, March 24, 2011. Last date revised: October 9, 2015

Revised 10-09-2015

At PLAN VIEW OF SQUARE LINTEL BEAM:

- Changed note from “B401 & NO.4 BARS-INTEGRAL CURB” to “NO. 4 BENT BAR & NO. 4 BARS-INTEGRAL CURB”.

At B401:

- Changed title for “B401” diagram to “NO. 4 BENT BAR”.

At B401 ALTERNATE:

- Changed title for “B401 ALTERNATE” diagram to “NO. 4 BENT BAR ALTERNATE”.

At SECTION C-C:

- Changed “B401” label to “NO. 4 BENT BAR” in diagram.

Under CONSTRUCTION NOTES:

- Changed third paragraph from “Grout shall consist of 1 part cement and 2 parts sand. Use type 1A air entrained Portland cement. Grout mix shall have a maximum slump of 4”.” to “Grout consists of 1 part cement and 2 parts sand. Use type 1A air entrained Portland cement. Grout mix maximum slump is 4”.”
- Changed “B401” to “No. 4 bent bar” in circled note ④.

Revised 11-06-2013

At CONSTRUCTION NOTES: Added the word “Standard” to precede the figure number.

At the LINTEL BEAM BOTTOM REINFORCEMENT table: Changed the “WIDTH W” column to “SPAN”.

At the PLAN VIEW OF SQUARE LINTEL BEAM: Changed the “W” column to “SPAN”.

Updated the signature block to make it similar to other standards.

Revised 04-17-2013

This standard was updated to convert reinforcing bar marks from metric to U.S. customary bar designations.

Re-Approved 03-24-2011

Under CONSTRUCTION NOTES:

- Removed numbered note ②: “3” dia. hole through curb and 2” dia. hole in lintel beam. Place no. 25 dowel, 1’-0” long, in hole and fill with grout.” from the standard. The other numbered notes were re-numbered throughout the sheet. (numbered note ③ to ②, ④ to ③ and ⑤ to ④)
- Changed ③ to read: “For spans under 10’-0” use no. 25 bars. For spans of 10’-0” to 12’-0” use no. 29 bars. For 14’-0” and 16’-0” span, Use no. 32 bars.”

Removed Section C-C option “Separate Curb Option with Groove”.

At the remaining Section C-C “Integral Curb Option with Tongue”:

- Changed the numbering of the circled numbered notes to match the Construction Notes.

At the Bar Bending Details:

- Removed the “B1302” bar bend detail. (Section C-C removal)

Under PLAN OF SQUARE LINTEL BEAM:

- Changed title to “PLAN VIEW OF SQUARE LINTEL BEAM”
- Removed the sub title, “Tongue option shown.”

Minnesota Department of Transportation – Bridge Office
REVISION LOG for Figure 5-395.104(B)

October 9, 2015 Page 2 of 2

- Removed the 1'-0" dimension, 6" dimension, the holes through the lintel beam, the note "Separate Curb Option Only" and the dimensioned note "B1302 & No. 13 Bars-Separate Curb" from the detail.
- Changed the numbering of the circled numbered notes to match the Construction Notes.

At the LINTEL BEAM BOTTOM REINFORCEMENT Table:

- Added an additional row to the table : Width = 16, A₁ = No.19 @ 6" and A₂ = No.22 @ 6"

Approved, and signed, December 11, 2000