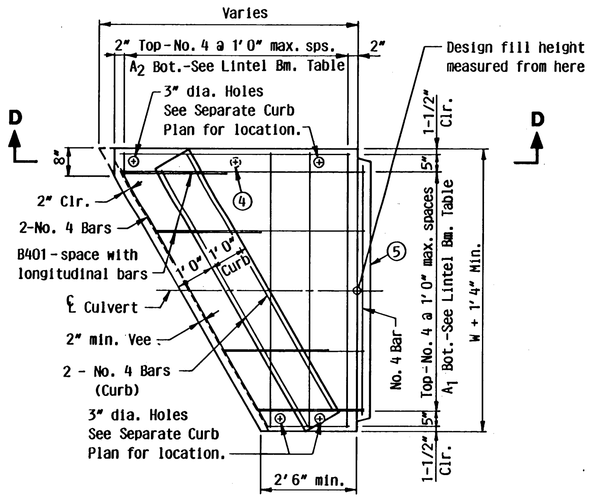
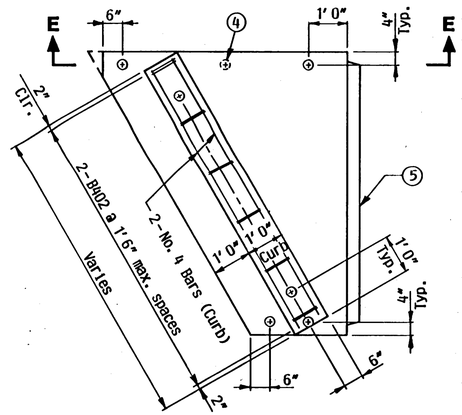
A_w REINFORCEMENT TABLE ②

HEIGHT OF EACH END SECT.	MAXIMUM APRON WIDTH OF EACH SECTION AT THE RESPECTIVE HEIGHT													
	8' 0" - 11' 0"	12' 0"	13' 0"	14' 0"	15' 0"	16' 0"	17' 0"	18' 0"	19' 0"	20' 0"	21' 0"	22' 0"	23' 0"	24' 0"
4' 0"	No. 4 @ 1' 0"	———	———	———	———→	No. 4 @ 10"	No. 4 @ 8-1/2"	No. 5 @ 11-1/2"	No. 5 @ 10"	No. 5 @ 9"	No. 5 @ 8"	No. 6 @ 10"	No. 6 @ 9-1/2"	No. 6 @ 8-1/2"
5' 0"	No. 4 @ 1' 0"	———	———	———→	No. 4 @ 11"	No. 4 @ 8"	No. 5 @ 11"	No. 5 @ 9-1/2"	No. 5 @ 8-1/2"	No. 6 @ 10-1/2"	No. 6 @ 9-1/2"	No. 6 @ 9"	No. 6 @ 8"	No. 6 @ 7-1/2"
6' 0"	No. 4 @ 1' 0"	———	———→	No. 4 @ 10-1/2"	No. 4 @ 9"	No. 5 @ 1' 0"	No. 5 @ 10"	No. 5 @ 9"	No. 5 @ 8"	No. 6 @ 10"	No. 6 @ 9"	No. 6 @ 8"		
7' 0"	No. 4 @ 1' 0"	———→	No. 4 @ 11-1/2"	No. 4 @ 9-1/2"	No. 4 @ 8"	No. 5 @ 10-1/2"	No. 5 @ 9-1/2"	No. 5 @ 8-1/2"	No. 6 @ 11"	No. 6 @ 10"	No. 6 @ 9"	No. 6 @ 8"		
8' 0"	No. 4 @ 1' 0"	———→	No. 4 @ 11"	No. 4 @ 9"	No. 5 @ 1' 0"	No. 5 @ 10-1/2"	No. 5 @ 9"	No. 5 @ 8"	No. 6 @ 10-1/2"	No. 6 @ 9-1/2"				
10' 0"	No. 4 @ 1' 0"	———→	No. 4 @ 10"	No. 4 @ 8"	No. 5 @ 11"	No. 5 @ 9-1/2"	No. 5 @ 8-1/2"	No. 6 @ 10-1/2"						
12' 0"	No. 4 @ 1' 0"	No. 4 @ 11"	No. 4 @ 9"	No. 5 @ 11-1/2"	No. 5 @ 10"	No. 5 @ 8-1/2"								



PLAN OF LINTEL BEAM



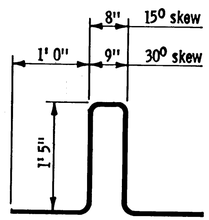
PLAN OF LINTEL BEAM

See Integral Curb Plan for lintel beam reinforcement

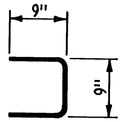
A_h REINFORCEMENT TABLE

HEIGHT "H"	"A_h"
8 ft. or less	No. 4 @ 1' 0"
10 ft.	No. 5 @ 8"
12 ft.	No. 6 @ 6"

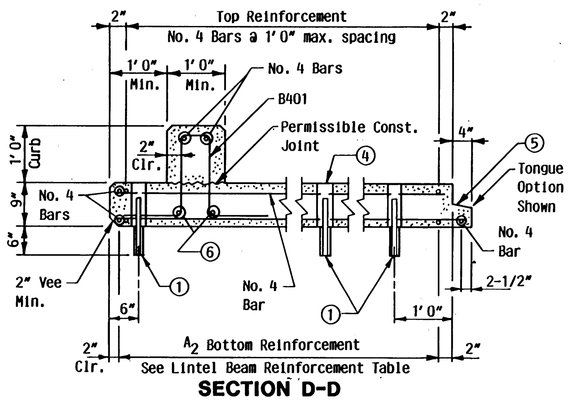
NOTE: H is the highest vertical dimension of each section shown.



B401

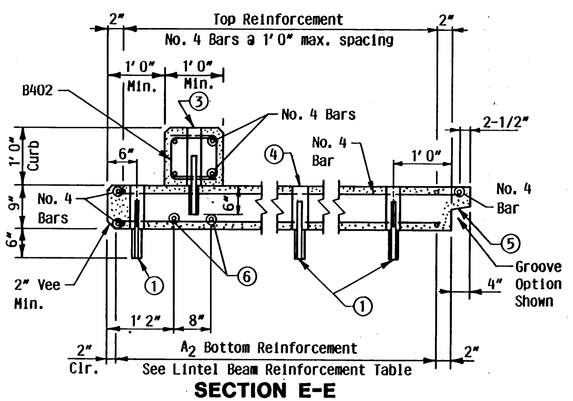


B402



SECTION D-D

(With Integral Curb)



SECTION E-E

(With Separate Curb)

LINTEL BEAM REINFORCEMENT TABLE

W CULVERT WIDTH	4 FT. DESIGN FILL HEIGHT			2 FT. DESIGN FILL HEIGHT		
	SLAB THICK.	BOTTOM REINFORCEMENT A_1	BOTTOM REINFORCEMENT A_2	SLAB THICK.	BOTTOM REINFORCEMENT A_1	BOTTOM REINFORCEMENT A_2
Under 6'	9"	No. 4 @ 1' 2"	No. 4 @ 9-1/2"	9"	No. 4 @ 1' 6"	No. 4 @ 1' 4"
6'+ to 8'	9"	No. 4 @ 8"	No. 5 @ 8"	9"	No. 4 @ 1' 1"	No. 4 @ 9"
8'+ to 10'	9"	No. 5 @ 8"	No. 6 @ 7-1/2"	9"	No. 4 @ 9"	No. 4 @ 6"
10'+ to 12'	9"	No. 5 @ 6"	No. 6 @ 6"	9"	No. 5 @ 9"	No. 5 @ 6"

NOTE: Maximum bar spacing given, reduce as necessary.

NOTES:

Curb is required and may be cast monolithically or cast separately.

① 1" dia. x 1' 0" long steel dowel. 2" dia. hole in the top of the level wall section. 3" dia. hole in the lintel beam. Fill the hole to the top of the lintel beam with an approved grout.

② Use the largest steel area from the table across each individual section.

③ 1" dia. x 1' 0" long steel dowel. 2" dia. hole in the top of the lintel beam. 3" dia. hole in the curb. Fill the hole to the top of the curb with an approved grout.

④ Cast an additional 3" hole at midpoint of beam when side of lintel beam is over 6 ft.

⑤ Check the location to determine whether a tongue or a groove is used.

⑥ For spans of 10' to 14', use No. 9 bar. For spans under 10', use No. 8 bar.

FIG. 5-397.710 (2 of 2)
Approved: September 18, 1985

SAP 210-110-01

PRECAST CONC. END SECTIONS - TYPE III SKEWED SINGLE OR MULTI-BARREL	DES:	DR:	APPROVED:	Bridge No.
	CHK:	CHK:		
	Sheet No. 19 of 22 Sheets			

TELEDYNE POST 1174 3/83 H2002