



Note: Path of center of gravity of post-tensioning steel shall approximate a parabola. Anchor points shall be located at the normal tendon ends. Details, including groutage and to be submitted for approval of the Engineer.

Working force P (final) shall be:
 Span 4, P = 4135 kips final force
 Span 5, P = 3130 kips final force
 P = 14000 psi at post-tensioning.

AS BUILT

OPTIONAL
NOT USED

OPTIONAL DETAILS, SPANS 4 & 5
COLTON CUT-OFF

SOUTHERN PACIFIC COMPANY
 PACIFIC LINES

CITY OF SAN BERNARDINO
 ARROW ROUTE-RIALTO AVE UNDERPASS
 BRIDGE M.P. 4900

POST-TENSIONED BOX GIRDER DETAIL
 DE LEIWE GATHER & COMPANY
 SAN FRANCISCO, CALIFORNIA

DESIGNED BY: W. Lippold
 DRAWN BY: E. Washburn
 CHECKED BY: H. S. Zuck
 APPROVED BY: D. A. Kozick

SECTION C-C

REV	DESCRIPTION	DATE
1	Checkers Correction	12/24/48
2	Checkers Correction	1/1/49

SHEET NO. 12-11
 SCALE None
 DATE Dec. 65