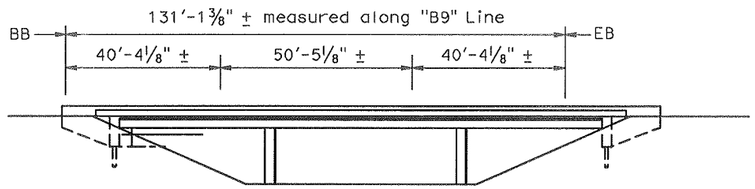
PREPARED FOR THE STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT
04	Ala	580	

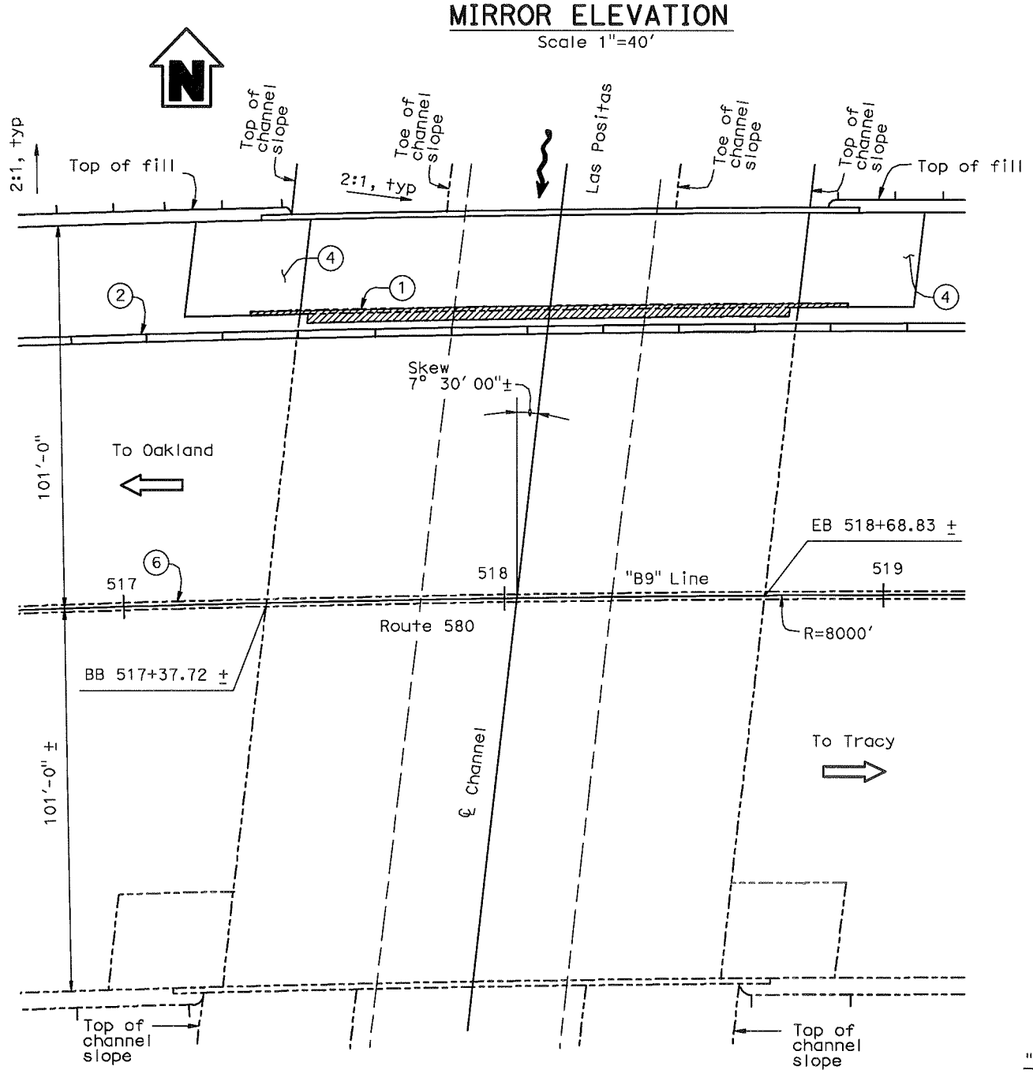
ALAMEDA COUNTY CONGESTION MANAGEMENT AGENCY

T. Y. LIN INTERNATIONAL



MIRROR ELEVATION

Scale 1"=40'

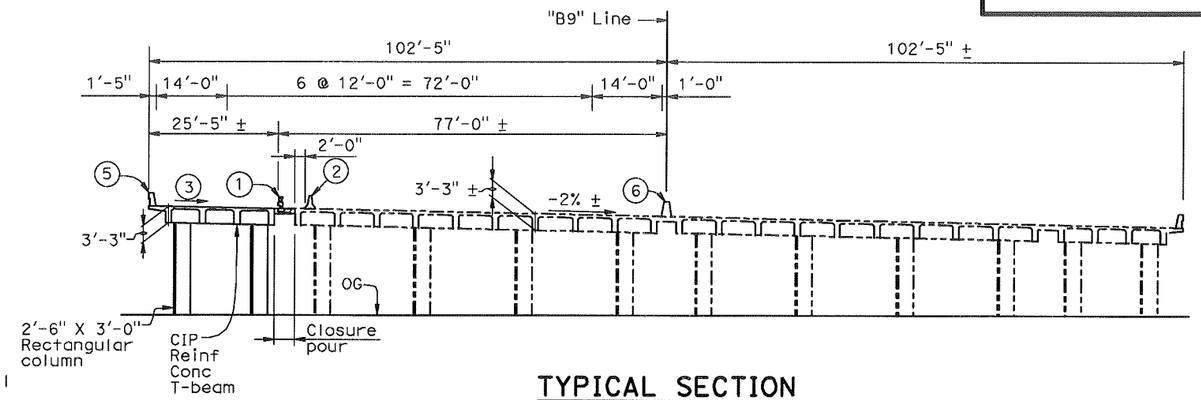


PLAN

Scale 1"=40'

"B9" Line

R = 8000'
Δ = 14°47'59"
T = 1039.00'
L = 2066.43'



TYPICAL SECTION

Scale 1"=30'

Legend:

1. Remove Exist overhang and Conc Railing Type 9.
2. Temporary Railing (Type K).
3. Match Exist cross slope.
4. Structure Approach Type N (30D).
5. Conc Barrier Type 732.
6. Conc Barrier Type 60A.

---- Indicates Exist Structure.
Indicates Bridge Removal (Portion).
Indicates direction of traffic.

Note:

Assume 45 ton pile footings.

Date of Estimate		11/22/06
Str Depth	=	3'-3"
Length	=	131' - 1 3/8"
Width	=	28'-9"
Area	=	3,770 sq ft
Cost/sq ft including 10% Mobilization & 25% Contingency	=	$227
Total Cost	=	$860,000

X
DESIGN OVERSIGHT

X
SIGN OFF DATE

DESIGNED BY Odeon M. Li	DATE 11/06	Odeon M. Li PROJECT ENGINEER	PLANNING STUDY
DRAWN BY Odeon M. Li	DATE 11/06		ARROYO LAS POSITAS BRIDGE (WIDEN)
CHECKED BY X	DATE X		BRIDGE NO. 33-0085 CU X
APPROVED X	DATE X		SCALE: As Shown EA X

ADVANCE PLANNING STUDY SHEET (ENGLISH) (REV. 2/25/05)

FILE => $REQUEST

USERNAME => $USER DATE PLOTTED => $DATE TIME PLOTTED => $TIME