Draft Project Report
I-10 Corridor Project

ATTACHMENT E

Structure Advance Planning Studies
ALTERNATIVE 2

Advance Planning Studies (APSs) were prepared and approved in 2008 and 2009 for major structure modifications proposed under the HOV Alternative and are attached herein. However, a considerable change has been made to the HOV Alternative design since the APS development as a result of the policy change from buffer-separated HOV facility to continuous access. As such, the APS general plans may not be representative of the current structure improvements for the HOV Alternative.
HOV ALTERNATIVE

ELEVATION

1" = 20'

Plan:

CURVE DATA

PLAN

R = 5000'
Δ = 17/16/11'
T = 799.29'

TYPICAL SECTION

DATE OF ESTIMATE = 6/20/08
BRIDGE REMOVAL
STRUCTURE DEPTH = 2'-4"
LENGTH = 114'-0"
WIDTH = 19'-0"
AREA = 2,118.56
COST/ASB INCLUDING:
100% mobilization &
25% contingency = $205
PRELIM. SEATING = $4,371,500
BRIDGE MAINTENANCE = $41,230
ITEMS = $881,000
TOTAL COST = $5,000,000

LEGEND:

Point of Minimum Vertical Clearance

NOTES:

1. Point "Br. No. 54-000506.8"
2. Point "Valle y Blvd Off-Ramp U.C."
3. Concrete Barrier Type 736
4. Structure Approach, Type M0300
5. Stage Paving

HOV ALTERNATIVE
For information not shown refer to "Typical Section" on "Planning Study 1 of 2" sheet.

TYPICAL SECTION DURING CONSTRUCTION

1" = 10'
**ELEVATION**

1" = 50'

**TYPICAL SECTION**

1" = 20'

**LEGEND**

- Indicates point of min. vertical clearance
- Denotes existing structure
- Limits of concrete removal

- Match existing profile grade and super-elevation
- Concrete Barrier Type T3 (Med)
- Soundwall - Masonry Block (H=14'-4")
- Temporary Railings Type K
- Existing concrete barrier
- 5'-0" Closure pour
- Structure approach, type K-300
- Existing structure approach
- Sound wall, see "Road Plans"
- Retaining wall, see "Road Plans"

**PLANNING STUDY**

**TEXAS STREET UC (WIDEN)**

**RECEIVED**

DEC 01 2000

**OFFICE OF SPECIAL FUNDED PROJECTS**

**DATE OF ESTIMATE**

11-27-2000

**BRIDGE REMOVAL**

1" = 50'

**STRUCTURE DEPTH**

- 163'-55" (Estimated)
- Existing deck level

**LENGTH**

- 163'-55"

**WIDTH**

- 12'-0" Lt & Rt
- 3950' Lg & Rt

**AREA**

- 12'-0" Lt & Rt
- 3950' Lg & Rt

**COST/FT INCLUDING 100% ORIENTATION & 25% CONTINGENCY**

- 6730

**PRELIM SECTIONS**

- 6730

**TOTAL COST**

- $461,000

- $1,130,000
PREPARED FOR THE STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

HOV ALTERNATIVE

Notes:
- Traffic will pass through construction site (15'-6") with vertical clearance required under follow-up.

ELEVATION
S " = 50'

PLAN
I" = 50'

PLANNING STUDY
CITRUS AVE UC (WIDEN)

DESIGNED BY: Brian Hansen
DRAWN BY: Andy Potter
CHECKED BY: G. Hansen
DATE: 9/26/08

FILE: "WIDEN"
TYPICAL SECTION

LEGEND:

Indicates point of Min. vertical clearance
Circles existing structure

Extracted Text:

DATE OF ESTIMATE
BRIDGE REMOVAL
STRUCTURE DEPTH
LENGTH
WIDTH
AREA
COST/FT³ INCLUDING
10-29-98
8' 6" H
256" 6/8"
11' 5"
5903
1250 CONTINGENCY
5267
TOTAL COST
42,170,000

NOTE:
See Sheet 1 for PLAN and ELEVATION
Sheet 2 of 2

PLANNING STUDY

S. MASON

HOV ALTERNATIVE
HOV ALTERNATIVE

ELEVATION

PLAN

TYPICAL SECTION

DATE OF ESTIMATE
10-20-08

BRIDGE REMOVAL

STRUCTURE DEPTH
3'-0"

LENGTH
144'-0"

WIDTH
11'-5"

AREA
3300 SF

COST/ESTIMATING

10% MOBILIZATION &
25% CONTINGENCY

TOTAL COST

$1,280,000

Legend:
- Indicates point of Win vertical
  clearance
- Limits of concrete removal
- Denotes existing structure
- Match existing profile grade and
  super-elevation
- Concrete Barrier Type 736 (Mod)
- Soundwall – Highway Block 04-14'-4"
- Temporary Railing Type X
- Existing concrete barrier
- Y'-0" Closure pier
- Structure approach, type A1300
- Existing structure approach
- Sound wall, see "Road Plans"
- Retaining wall, see "Road Plans"

Notes:

Traffic will pass through construction site (15'-0"
min vertical clearance available under foilsheet)
**ELEVATION**

1" = 50'

**TYPICAL SECTION**

1" = 20'

**Notes:**
Traffic will not pass through construction site. Detour required for traffic on Ford Street.

**传奇：**
- □ Indicates point of Min vertical clearance
- □ Limits of concrete removal
- □ Denotes existing structure
- □ Watch existing profile grade and super elevation
- □ Concrete Barrier Type 732
- □ Temporary Railing Type A
- □ Existing concrete barrier
- □ 3'-0" Closure panel
- □ Structure approach, type H23001
- □ Existing structure approach
- □ Sound wall, see "Road Plans"
- □ Retaining wall, see "Road Plans"

**PLANNING STUDY**

FORD STREET UC (WIDEN)

**DESIGNED BY:** Brian Hansen

**DATE:** 10/20/08

**DRAWN BY:** Jerry Patton

**DATE:** 10/20/08

**CHECKED BY:** Karlene Dietrich

**DATE:** 10/20/08

**APPROVED:** Brian Hansen

**DATE:** 10/20/08

**PROJECT ENGINEER:**

**DESIGNER:**

**PLANNER:**

**SUPERVISOR:**

**ARCHIVIST:**

**PREPARED FOR THE STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION**

**FILE NO.:**

**ARCHIVIST:**

**DATE:**

**PROJECT:**

**HOV ALTERNATIVE**
HOV ALTERNATIVE

Total Length = 208' -11 1/2" measured along C -10

Assumed 24" CIDH piles

Assumed 16" CIDH piles

Abut 1

Abut 2

Font 2

Font 3

Stope paving, typ

Total Height = 11'-0"

Traffic will pass through construction site (15'-6"

min vertical clearance

required under rockwork.

ELEVATION

1" = 50'

PLAN

1" = 50'

HOV ALTERNATIVE