

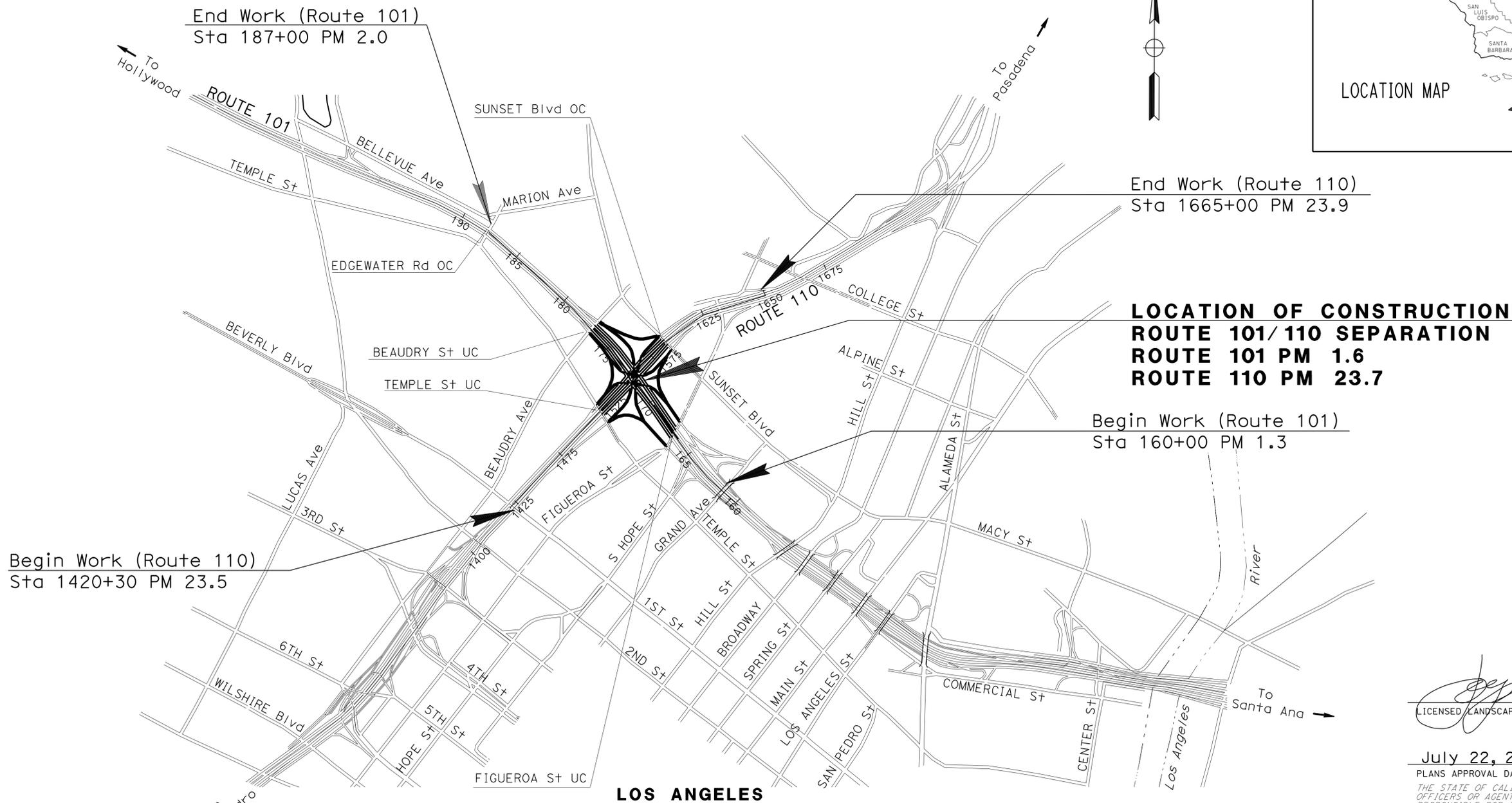
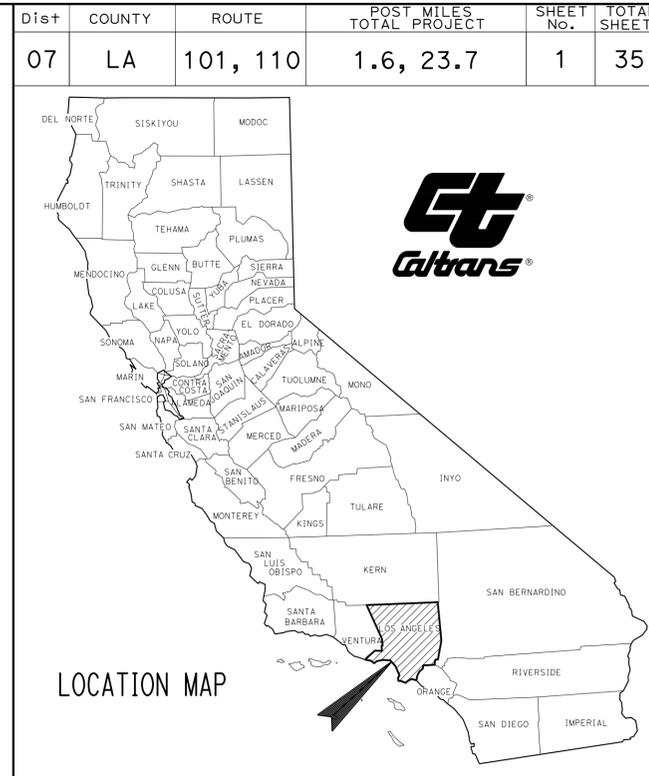
INDEX OF PLANS

| Sheet No. | Description                              |
|-----------|--|
| 1         | TITLE AND LOCATION MAP                   |
| 2-3       | CONSTRUCTION DETAILS                     |
| 4-5       | UTILITY PLANS                            |
| 6         | CONSTRUCTION AREA SIGNS                  |
| 7-10      | TRAFFIC HANDLING DETAILS                 |
| 11        | SUMMARY OF QUANTITIES                    |
| 12        | PLANT LIST                               |
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| 15-16     | PLANTING PLANS                           |
| 17-18     | IRRIGATION REMOVAL PLANS                 |
| 19-23     | IRRIGATION PLANS, DETAILS AND QUANTITIES |
| 24-28     | ELECTRICAL PLANS                         |
| 29-35     | REVISED AND NEW STANDARD PLANS           |

THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

STATE OF CALIFORNIA  
**DEPARTMENT OF TRANSPORTATION**  
**NHP - X037(164)E**  
**PROJECT PLANS FOR CONSTRUCTION ON**  
**STATE HIGHWAY**  
**IN LOS ANGELES COUNTY**  
**IN LOS ANGELES**  
**AT ROUTE 101/110 SEPARATION**

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2010



NO SCALE

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

  
 LICENSED LANDSCAPE ARCHITECT  
**July 22, 2013**  
 PLANS APPROVAL DATE  
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

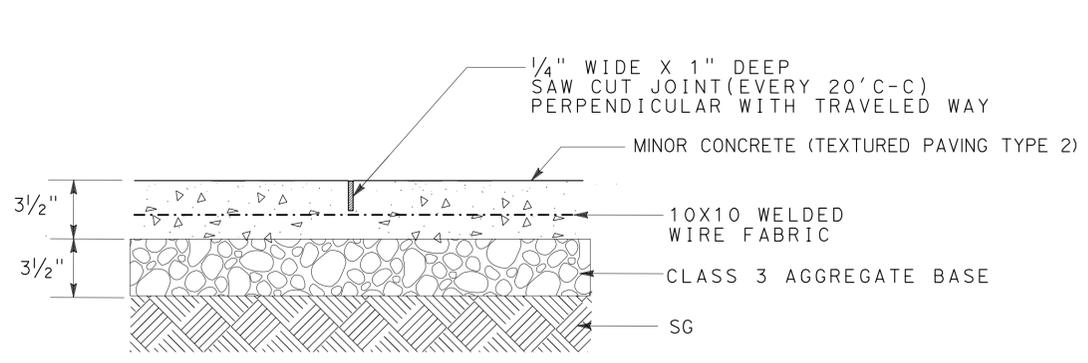


|              |                   |
|--------------|-------------------|
| CONTRACT No. | <b>07-2759U4</b>  |
| PROJECT ID   | <b>0713000205</b> |

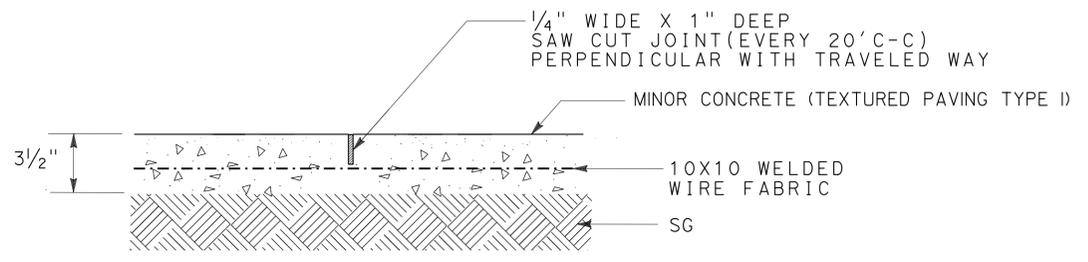
SENIOR LANDSCAPE ARCHITECT  
**PATTY WATANABE**  
 PROJECT MANAGER  
**DENNIS SNYDER**

|      |        |          |                          |           |              |
|------|--------|----------|--------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE    | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07   | LA     | 101, 110 | 1.6, 23.7                | 2         | 35           |

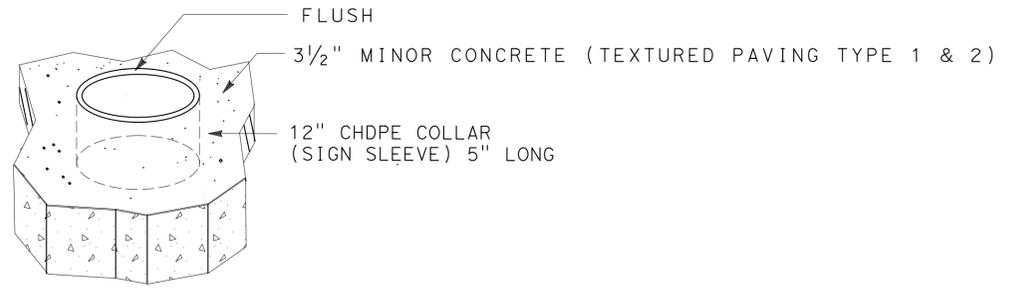
LICENSED LANDSCAPE ARCHITECT  
 JOSEPH MILLMAN  
 No. 18511  
 7-22-13  
 PLANS APPROVAL DATE  
 07/31/2014  
 06/04/2013  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



**EXPANSION JOINT DETAIL  
MINOR CONCRETE (TEXTURED PAVING TYPE 2)**

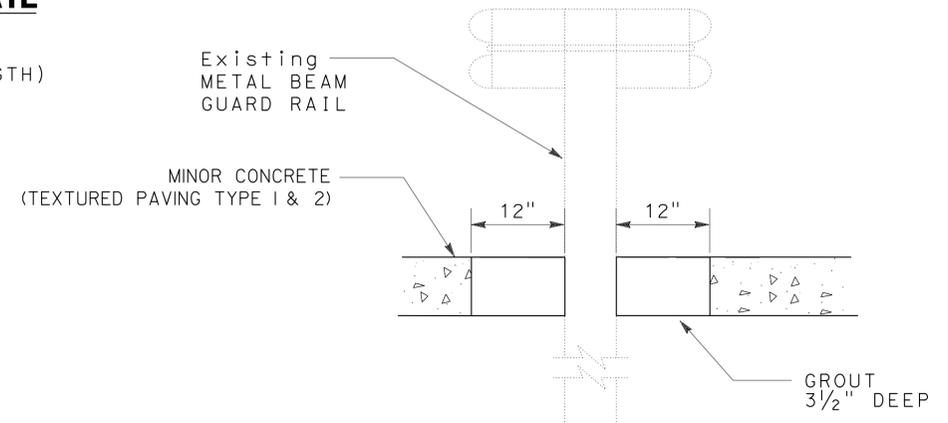


**EXPANSION JOINT DETAIL  
MINOR CONCRETE (TEXTURED PAVING TYPE 1)**



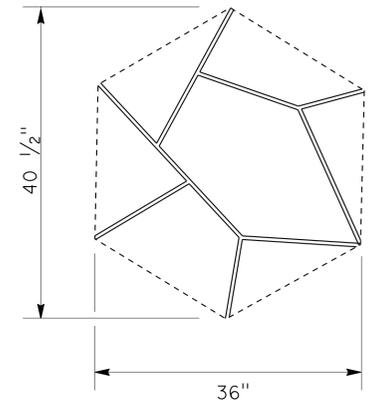
**SIGN POST COLLAR DETAIL**

NOTE:  
PLACE 12" Dia CHDPE COLLAR (5" LENGTH)  
AS FORM (CLEAR) AROUND POST

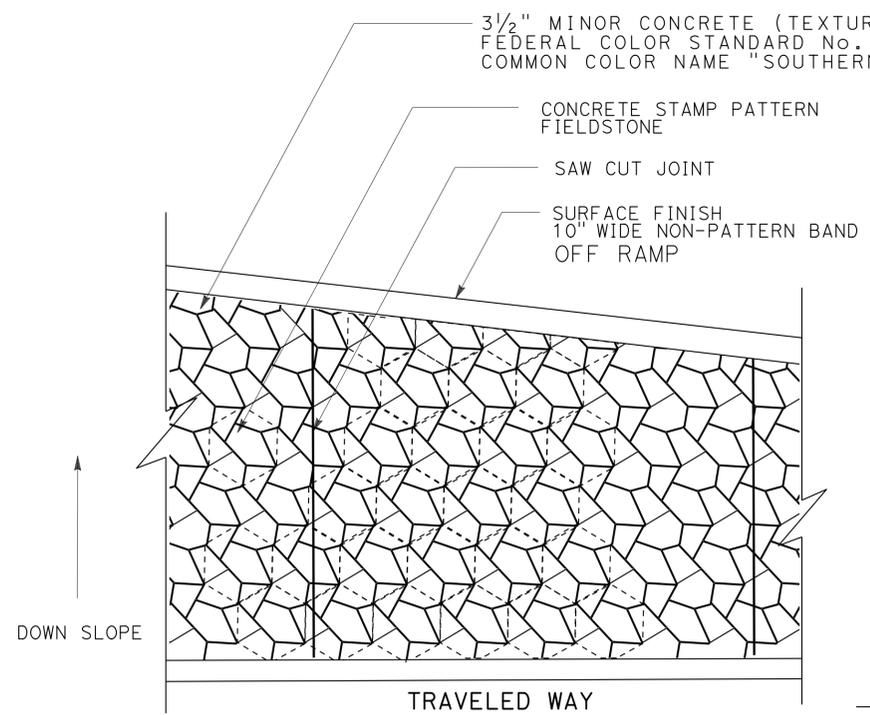


**METAL BEAM GUARD RAILING POST DETAIL**

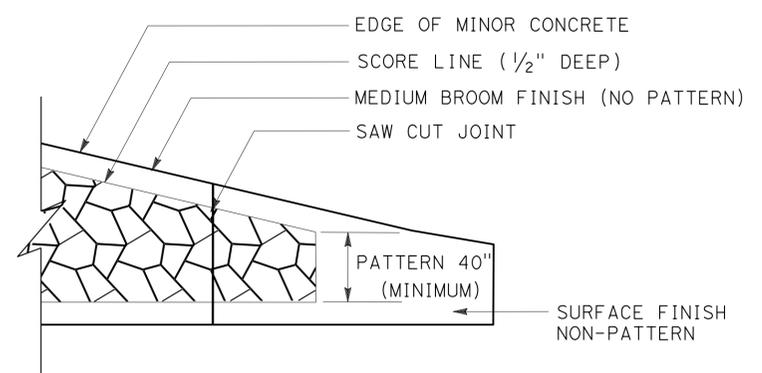
NOTE:  
GROUT AROUND POST PER A77C9 STANDARD PLAN



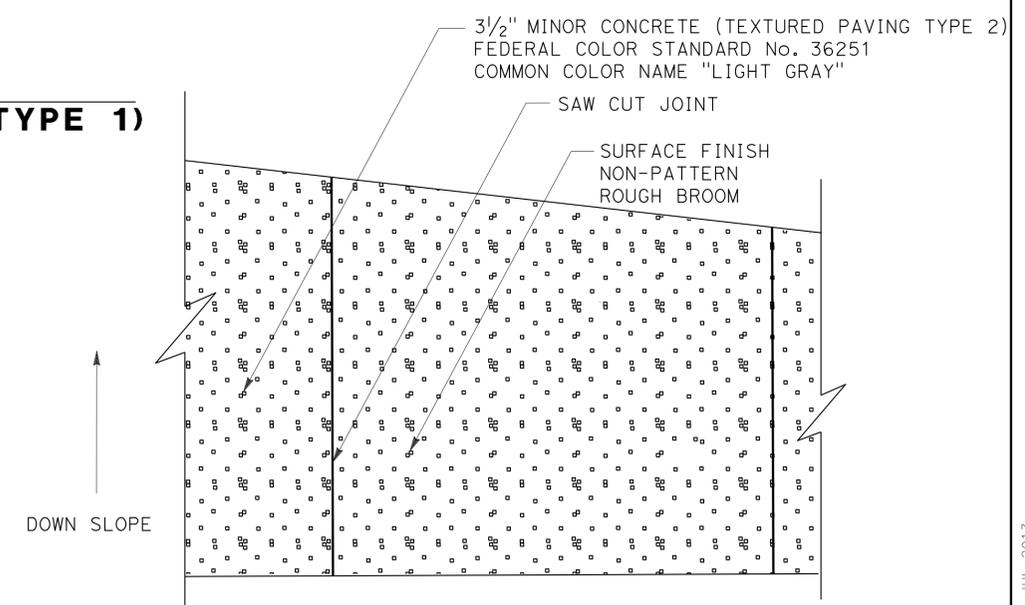
**STAMP PATTERN - FIELDSTONE  
MINOR CONCRETE (TEXTURED PAVING TYPE 1)**



**TYPICAL DETAIL  
MINOR CONCRETE (TEXTURED PAVING TYPE 1)**



**MINIMUM PATTERN DETAIL  
MINOR CONCRETE (TEXTURED PAVING TYPE 1)**



**TYPICAL DETAIL  
MINOR CONCRETE (TEXTURED PAVING TYPE 2)**

**CONSTRUCTION DETAILS**

NO SCALE

**C-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 LANDSCAPE ARCHITECTURE  
 SENIOR LANDSCAPE ARCHITECT  
 PATTY WATANABE  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 JOSEPH MILLMAN  
 KATHLEEN LEDESMA  
 REVISED BY  
 DATE REVISED



**NOTE:**

FOR ACCURATE RIGHT OF WAY DATA, CONTACT  
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

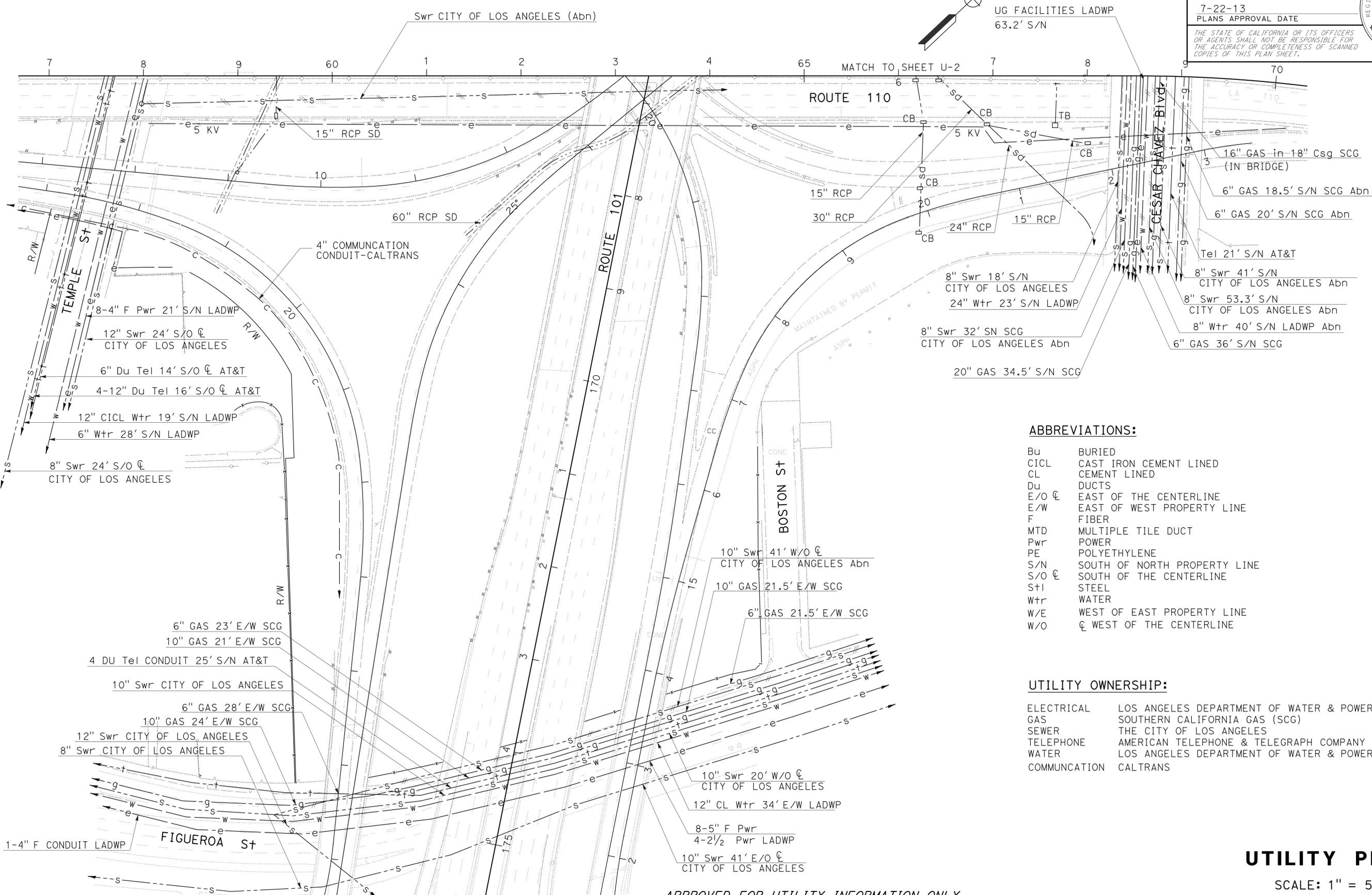
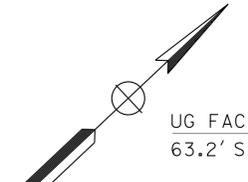
|      |        |          |                          |           |              |
|------|--------|----------|--------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE    | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07   | LA     | 101, 110 | 1.6, 23.7                | 4         | 35           |

*N. Celina Aviles* 6-27-13  
 REGISTERED CIVIL ENGINEER DATE

7-22-13  
 PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER  
**N. CELINA AVILES**  
 No. 57106  
 Exp. 12/31/13  
 CIVIL  
 STATE OF CALIFORNIA



**ABBREVIATIONS:**

- Bu BURIED
- CICL CAST IRON CEMENT LINED
- CL CEMENT LINED
- Du DUCTS
- E/O CL EAST OF THE CENTERLINE
- E/W EAST OF WEST PROPERTY LINE
- F FIBER
- MTD MULTIPLE TILE DUCT
- Pwr POWER
- PE POLYETHYLENE
- S/N SOUTH OF NORTH PROPERTY LINE
- S/O CL SOUTH OF THE CENTERLINE
- StI STEEL
- Wtr WATER
- W/E WEST OF EAST PROPERTY LINE
- W/O CL WEST OF THE CENTERLINE

**UTILITY OWNERSHIP:**

- ELECTRICAL LOS ANGELES DEPARTMENT OF WATER & POWER (LADWP)
- GAS SOUTHERN CALIFORNIA GAS (SCG)
- SEWER THE CITY OF LOS ANGELES
- TELEPHONE AMERICAN TELEPHONE & TELEGRAPH COMPANY (AT&T)
- WATER LOS ANGELES DEPARTMENT OF WATER & POWER (LADWP)
- COMMUNICATION CALTRANS

APPROVED FOR UTILITY INFORMATION ONLY

**UTILITY PLAN**  
SCALE: 1" = 50' **U-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN A  
 FUNCTIONAL SUPERVISOR: JERREL KAM  
 CALCULATED/DESIGNED BY: [Blank]  
 CHECKED BY: [Blank]  
 DAWN DANIELS  
 N. CELINA AVILES  
 REVISED BY: [Blank]  
 DATE REVISED: [Blank]

LAST REVISION DATE PLOTTED => 24-JUL-2013  
 05-22-13 TIME PLOTTED => 1:3:50

| Dist | COUNTY | ROUTE    | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|----------|--------------------------|-----------|--------------|
| 07   | LA     | 101, 110 | 1.6, 23.7                | 5         | 35           |

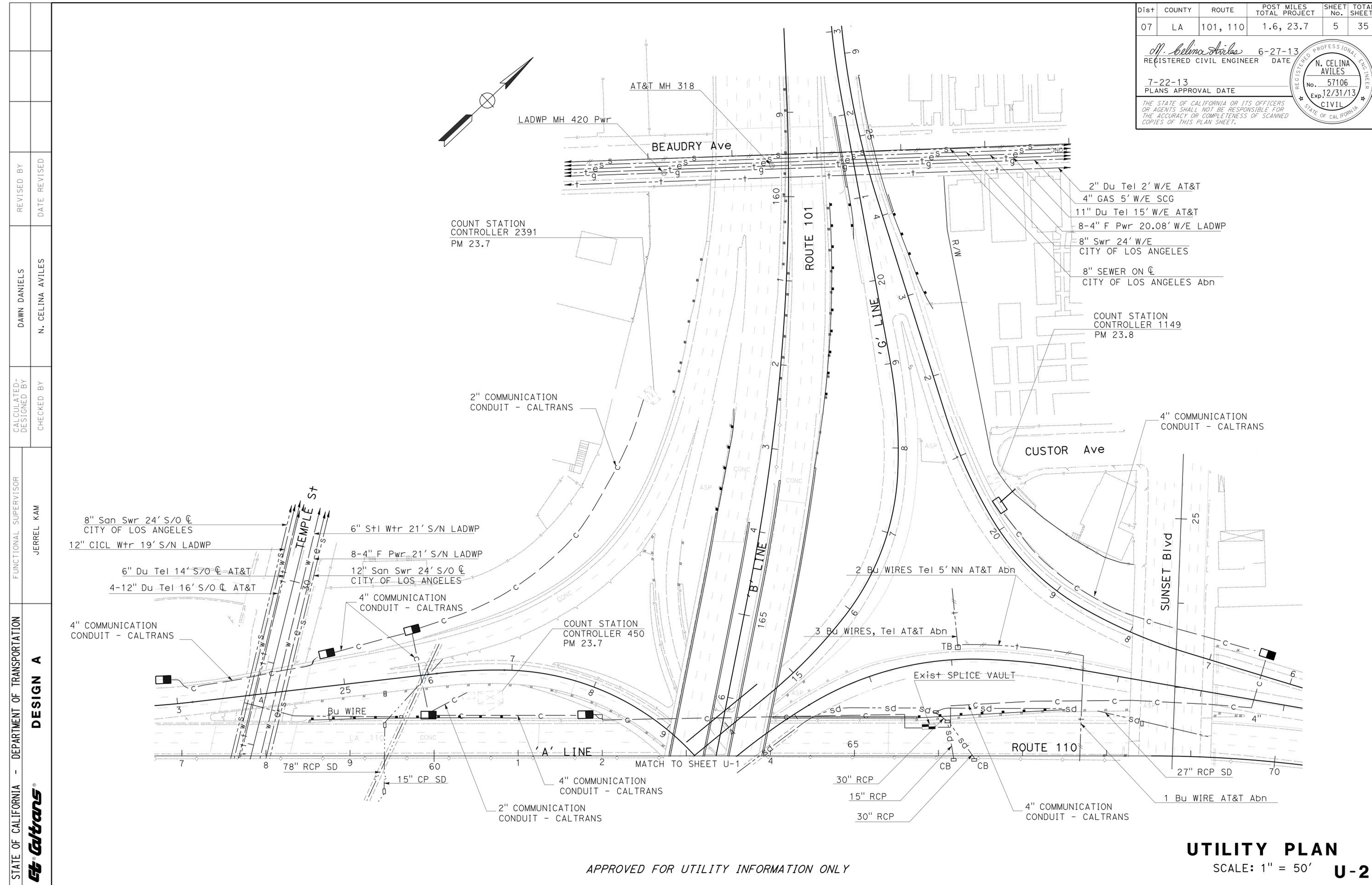
  

|                           |         |
|---------------------------|---------|
| <i>N. Celina Aviles</i>   | 6-27-13 |
| REGISTERED CIVIL ENGINEER | DATE    |
| 7-22-13                   |         |
| PLANS APPROVAL DATE       |         |

|                                  |
|----------------------------------|
| REGISTERED PROFESSIONAL ENGINEER |
| N. CELINA AVILES                 |
| No. 57106                        |
| Exp. 12/31/13                    |
| CIVIL                            |
| STATE OF CALIFORNIA              |

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



|  |                  |
|--|------------------|
| STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | DESIGN A         |
| FUNCTIONAL SUPERVISOR                              | JERREL KAM       |
| CALCULATED/DESIGNED BY                             | CHECKED BY       |
| DAWN DANIELS                                       | N. CELINA AVILES |
| REVISED BY   | DATE             |
|  |                  |

APPROVED FOR UTILITY INFORMATION ONLY

**UTILITY PLAN**  
SCALE: 1" = 50' **U-2**

LAST REVISION DATE PLOTTED => 24-JUL-2013 05-22-13 TIME PLOTTED => 1:31

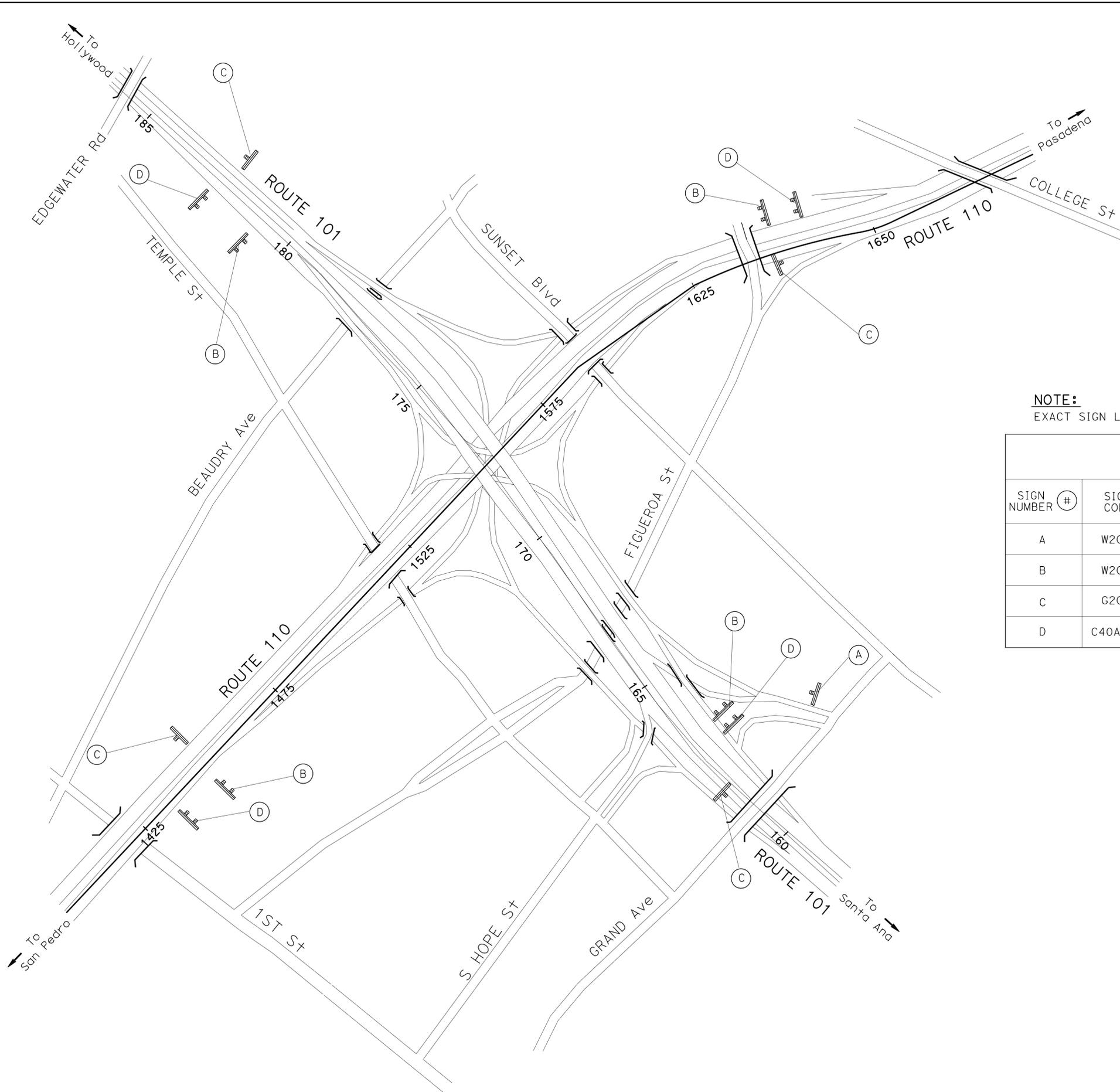
|      |        |          |                             |              |                 |
|------|--------|----------|-----------------------------|--------------|-----------------|
| DIST | COUNTY | ROUTE    | POST MILES<br>TOTAL PROJECT | SHEET<br>No. | TOTAL<br>SHEETS |
| 07   | LA     | 101, 110 | 1.6, 23.7                   | 6            | 35              |

Richard B. Khaw  
REGISTERED CIVIL ENGINEER DATE 2-1-13

7-22-13  
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER  
RICHARD B. KHAW  
No. C80736  
Exp. 3/31/15  
CIVIL  
STATE OF CALIFORNIA



**NOTE:**  
EXACT SIGN LOCATIONS WILL BE DETERMINED BY THE ENGINEER.

| STATIONARY MOUNTED CONSTRUCTION AREA SIGNS |           |            |                                     |                          |                 |
|--|-----------|------------|-------------------------------------|--------------------------|-----------------|
| SIGN NUMBER (#)                            | SIGN CODE | PANEL SIZE | SIGN MESSAGE                        | NUMBER OF POSTS AND SIZE | NUMBER OF SIGNS |
| A  | W20-1     | 36" x 36"  | ROAD WORK AHEAD                     | 1 - 4" x 4"              | 1               |
| B  | W20-1     | 60" x 60"  | ROAD WORK AHEAD                     | 2 - 4" x 6"              | 4               |
| C  | G20-2     | 48" x 24"  | END ROAD WORK                       | 1 - 4" x 6"              | 4               |
| D  | C40A (CA) | 144" x 60" | TRAFFIC FINES DOUBLED IN WORK ZONES | 2 - 6" x 6"              | 4               |

**CONSTRUCTION AREA SIGNS**  
NO SCALE

**CS-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

**Caltrans** TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED CHOWDHURY

REVISOR: MIKE ARYA, RICHARD B KHAW

DATE: 7/2/2010

USERNAME => s116260  
DGN FILE => 07130002051a001.dgn

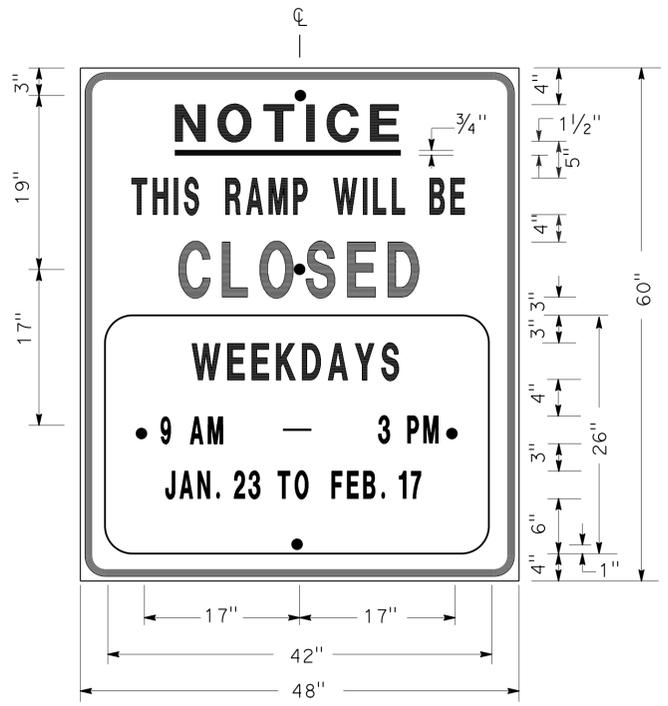
APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY



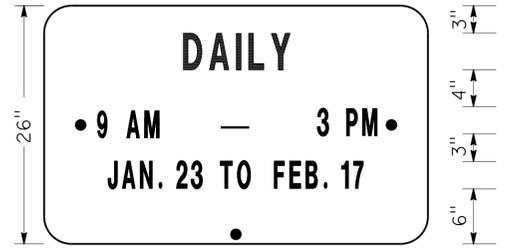
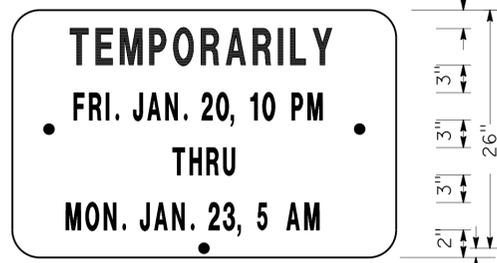
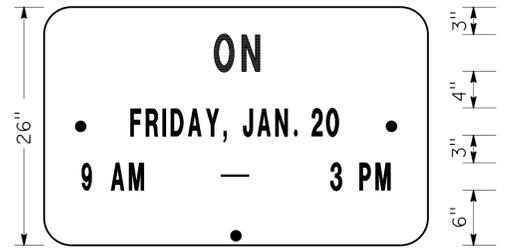
LAST REVISION: DATE PLOTTED => 24-JUL-2013  
00-00-00 TIME PLOTTED => 1:31:31

| Dist | COUNTY | ROUTE   | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|---------|--------------------------|-----------|--------------|
| 07   | LA     | 101,110 | 1.6, 23.7                | 7         | 35           |

REGISTERED CIVIL ENGINEER: *Albert K. Yu* 12-11-12  
 DATE: 7-22-13  
 PLANS APPROVAL DATE: 3/31/14  
 No. 43220  
 Exp 3/31/14  
 CIVIL  
 STATE OF CALIFORNIA



SIGN SP-1



ALTERNATE OVERLAY PANELS (TYPICAL)

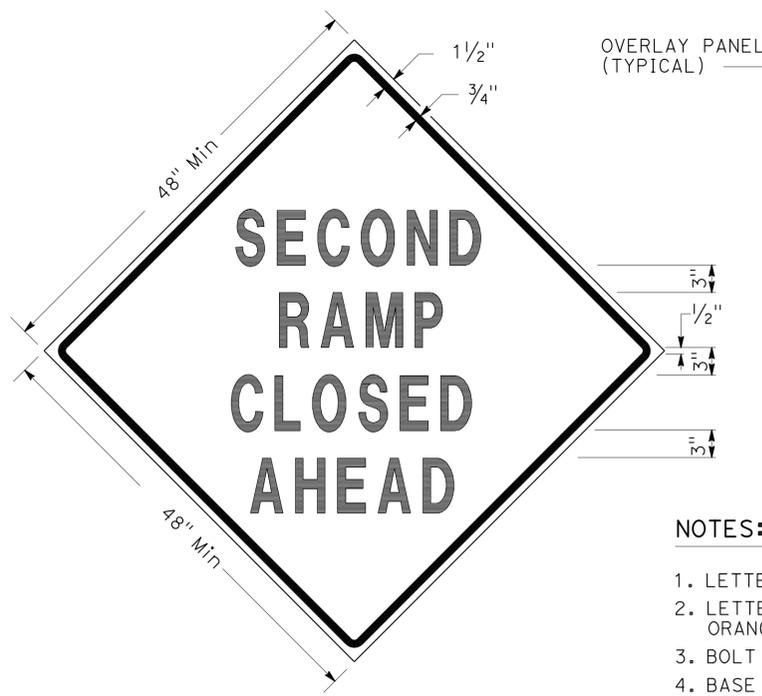
**NOTES: (SIGN SP-1)**

- LETTERS AND BORDER SHALL BE BLACK ON REFLECTORIZED ORANGE BACKGROUND.
- BOLT HOLES SHALL BE 3/8" DIAMETER.
- BASE MATERIAL SHALL BE ALUMINUM (MINIMUM 0.06").
- SIGNS SHALL BE MOUNTED WITH BOTTOMS OF SIGNS A MINIMUM OF 7' ABOVE GROUND.

| SIZE    | BORDER WIDTH | MARGIN WIDTH | LETTER SIZE |         |        |        |                 | CORNER RADIUS |
|---------|--------------|--------------|-------------|---------|--------|--------|-----------------|---------------|
|         |              |              | LINE 1      | LINE 2* | LINE 3 | LINE 4 | LINE 5, 6, & 7* |               |
| 48"x60" | 1 1/4"       | 3/4"         | 4E          | 4D      | 6E     | 4D     |                 | 3"            |
| 42"x26" | OVERLAY      |              |             |         |        |        | 3D              | 1 1/2"        |

\* CONDENSED SPACING IF NECESSARY

**SPECIAL ADVANCE NOTICE PUBLICITY SIGN**



SIGN SP-3



SIGN SP-5

**NOTES: (SIGNS SP-3 & SP-5)**

- LETTERS - 6" SERIES D.
- LETTERS AND BORDER SHALL BE BLACK ON REFLECTORIZED ORANGE BACKGROUND.
- BOLT HOLES SHALL BE 3/8" DIAMETER.
- BASE MATERIAL SHALL BE ALUMINUM (MINIMUM 0.06").
- SIGNS SHALL BE MOUNTED WITH BOTTOMS OF SIGNS A MINIMUM OF 7' ABOVE GROUND.
- SIGN SP-5 SHALL BE USED IF THE OFF-RAMP TO BE CLOSED FOLLOWS A FREEWAY OFF-CONNECTOR.

**SPECIAL SIGNS FOR EXIT RAMP CLOSURES**



SIGN SP-4

**NOTES: (SIGN SP-4)**

- LETTERS - 6" SERIES C.
- LETTERS AND BORDER SHALL BE BLACK ON REFLECTORIZED WHITE BACKGROUND.
- BOLT HOLES SHALL BE 3/8" DIAMETER.
- BASE MATERIAL SHALL BE ALUMINUM (MINIMUM 0.06").
- SIGNS SHALL BE PLACED AT RAMP ENTRANCES IN ADDITION TO SIGNS POSTED IN ACCORDANCE WITH STANDARD PLAN RSP T14.

**SPECIAL SIGN FOR ENTRANCE RAMP CLOSURES**

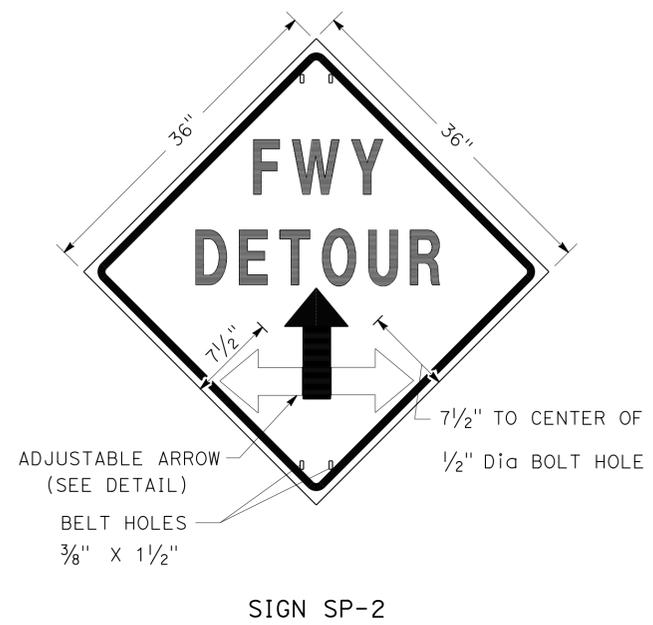
**TRAFFIC HANDLING DETAILS  
 TRAFFIC CONTROL SYSTEM  
 FOR RAMP CLOSURES, DETOUR SIGNS,  
 AND MISCELLANEOUS DETAILS**

SHEET 1 OF 2

NO SCALE

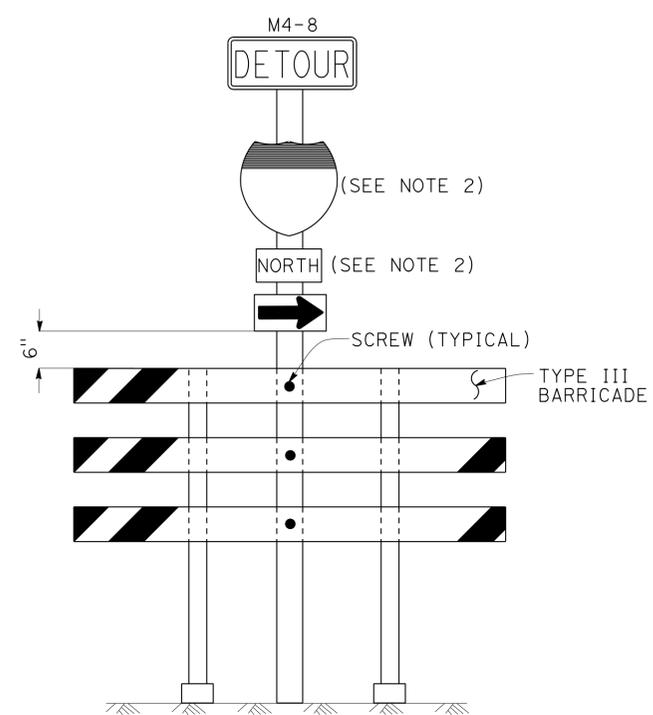
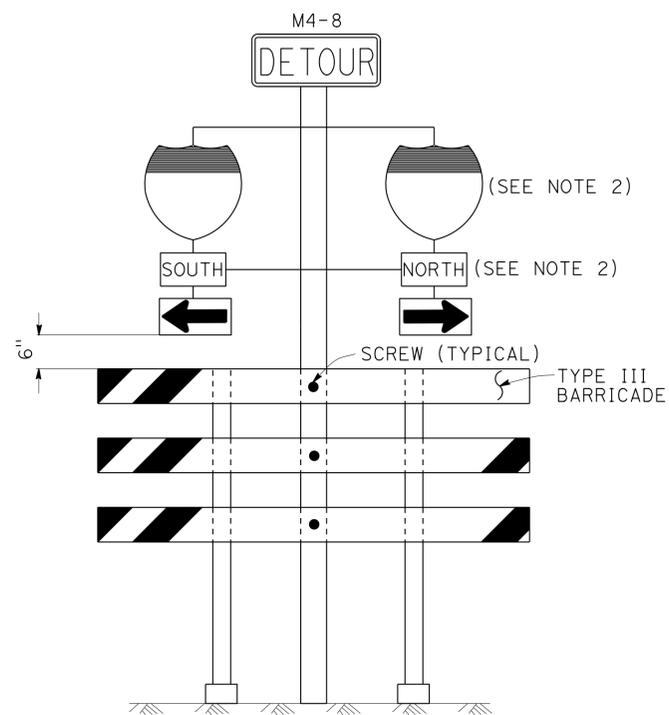
THD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DTM  
 FUNCTIONAL SUPERVISOR JOHN YANG  
 CHECKED BY JOCELYN C CHIANG  
 DESIGNED BY ALBERT K YU  
 REVISIONS BY JC  
 DATE 3/12



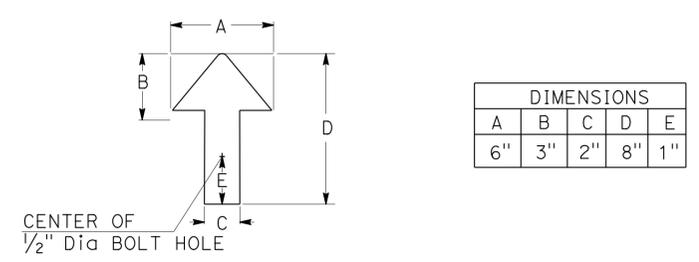
- NOTES: SIGN SP-2**
- LETTERS - 6" SERIES E.
  - LETTERS, BORDER AND ARROW - BLACK ON RETROREFLECTORIZED ORANGE BACKGROUND.
  - BASE MATERIAL FOR SIGNS AND ARROWS SHALL BE ALUMINUM (MINIMUM 0.06").
  - BELTS (LUGGAGE STRAPS) SHALL BE 1" WIDE BY 48" LONG, MADE OF COTTON OR POLYPROPYLENE WEB MATERIAL.
  - SIGNS SHALL BE MOUNTED WITH BOTTOMS OF SIGNS A MINIMUM OF 7' ABOVE GROUND EXCEPT AS OTHERWISE SHOWN ON OTHER TRAFFIC HANDLING DETAILS PLANS.

**ABBREVIATION**  
(CA) CALIFORNIA CODE



- NOTES: (SIGNS SP-6 & SP-7)**
- IN LIEU OF PLACING SIGNS ON TYPE III BARRICADES, SIGNS, INCLUDING POSTS, MAY BE PLACED INTO THE GROUND OR FASTENED ONTO ELECTROLIERS.
  - USE APPROPRIATE ROUTE MARKER [G26-2(CA), G27-2(CA), G28-2(CA)] AND CARDINAL DIRECTION [NORTH (M3-1), SOUTH (M3-3), EAST (M3-2), WEST (M3-4)].

**SPECIAL PORTABLE FREEWAY DETOUR SIGNS**



**ADJUSTABLE ARROW DETAIL**

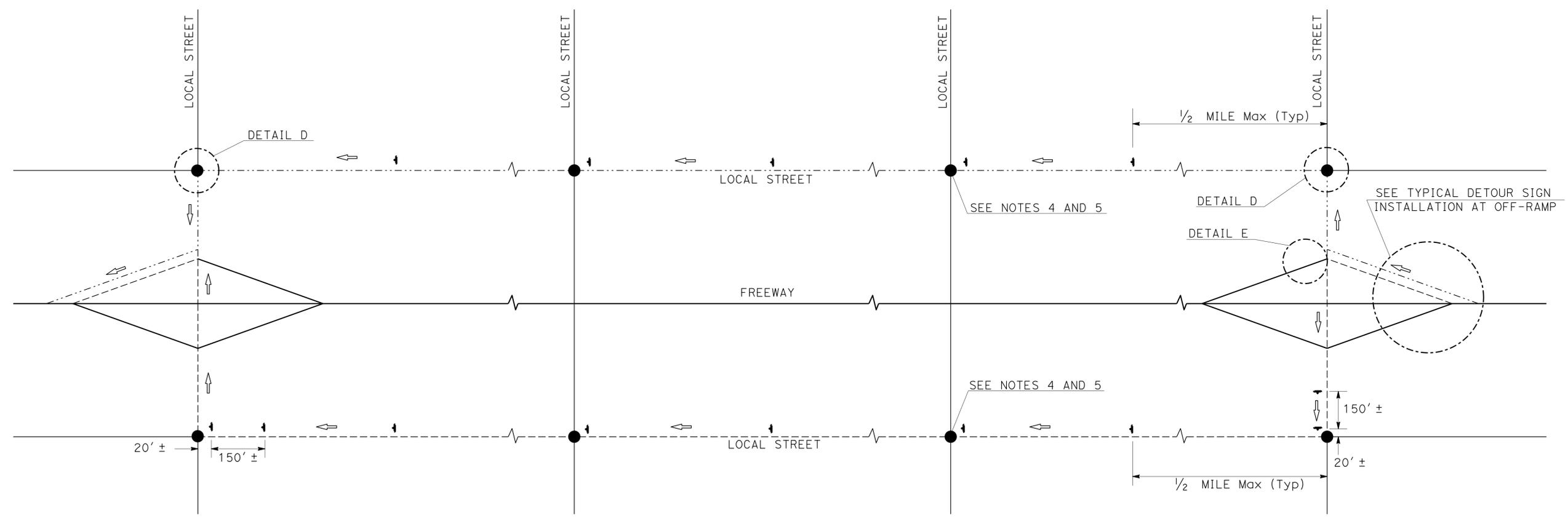
**TRAFFIC HANDLING DETAILS**  
**TRAFFIC CONTROL SYSTEM**  
**FOR RAMP CLOSURES, DETOUR SIGNS,**  
**AND MISCELLANEOUS DETAILS**  
**SHEET 2 OF 2**  
 NO SCALE

**THD-2**

|  |        |         |                          |           |              |
|--|--------|---------|--------------------------|-----------|--------------|
| Dist   | COUNTY | ROUTE   | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07   | LA     | 101,110 | 1.6, 23.7                | 9         | 35           |
| <i>Albert K. Yu</i> 12-11-12<br>REGISTERED CIVIL ENGINEER DATE   |        |         |                          |           |              |
| 7-22-13<br>PLANS APPROVAL DATE   |        |         |                          |           |              |
| <small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small> |        |         |                          |           |              |

- LEGEND**
- ↓ SIGN SP-2
  - AND/OR DESIGNATED DETOUR ROUTE
  - ⇨ DETOUR DIRECTION
  - CONTROLLED INTERSECTION

- NOTES:**
- SP-2 SIGNS MAY BE STRAPPED ON EXISTING ELECTROLIER, SIGNAL POST OR SIGN POST.
  - SP-2 SIGNS SHALL NOT BE INSTALLED ON BARRICADES EXCEPT AS OTHERWISE SHOWN.
  - SIGN LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
  - SP-2 SIGNS SHALL BE POSTED AT EACH CONTROLLED INTERSECTION (EXCEPT AT COMMERCIAL PROPERTY, RESIDENTIAL COMPLEX OR T-INTERSECTION FROM ONE-WAY STREET) ALONG THE DESIGNATED DETOUR ROUTE.
  - UNLESS OTHERWISE SHOWN ON OTHER THD PLANS, WHEN CONTROLLED INTERSECTIONS ALONG THE DESIGNATED DETOUR ROUTE ARE CLOSELY SPACED, PLACE SP-2 SIGNS AT CONTROLLED INTERSECTIONS AT A DISTANCE NOT TO EXCEED 1/4 MILE FROM THE PRECEDING DETOUR SIGN.
  - EXCEPT AS OTHERWISE SHOWN ON OTHER PLANS OR SPECIFIED IN THE SPECIAL PROVISIONS, SP-2 SIGNS SHALL BE PLACED AS SHOWN ON THIS PLAN.



**TYPICAL DETOUR SIGN INSTALLATION ALONG DESIGNATED DETOUR ROUTE**

**TRAFFIC HANDLING DETAILS  
 TRAFFIC CONTROL SYSTEM  
 FOR DETOUR SIGN INSTALLATION  
 ALONG DESIGNATED DETOUR ROUTE  
 SHEET 1 OF 2  
 NO SCALE  
 THD-3**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DT M  
 JOHN YANG  
 FUNCTIONAL SUPERVISOR  
 ALBERT K YU  
 JOCELYN C CHIANG  
 REVISOR BY  
 DATE  
 3/12  
 JC

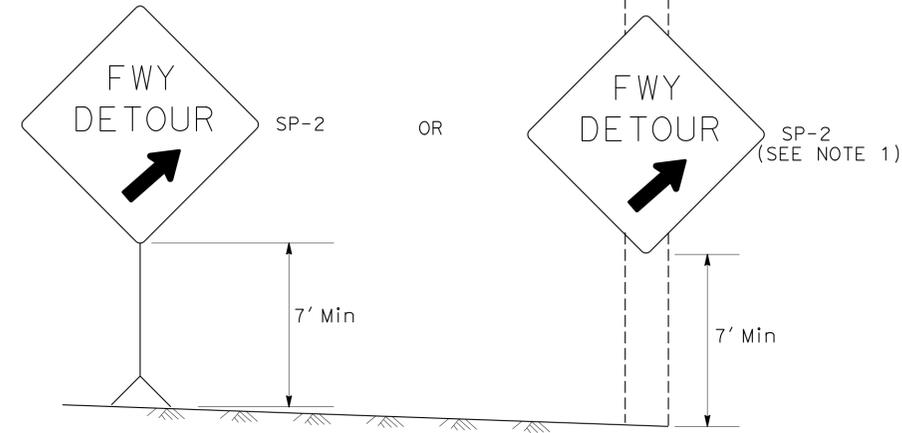
LAST REVISION DATE PLOTTED => 24-JUL-2013  
 00-00-00 TIME PLOTTED => 1:31:31

|      |        |         |                          |           |              |
|------|--------|---------|--------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE   | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07   | LA     | 101,110 | 1.6, 23.7                | 10        | 35           |

12-11-12  
 REGISTERED CIVIL ENGINEER DATE  
 7-22-13  
 PLANS APPROVAL DATE

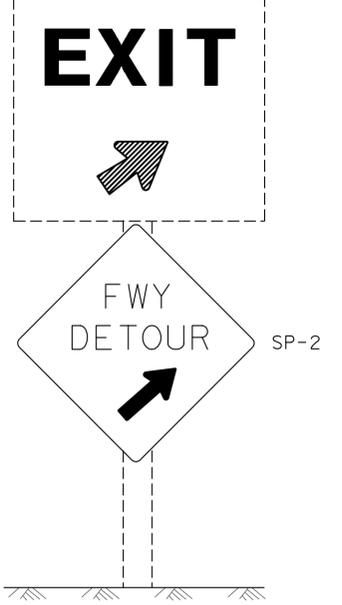
ALBERT K. YU  
 No. 43220  
 Exp. 3/31/14  
 CIVIL  
 STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



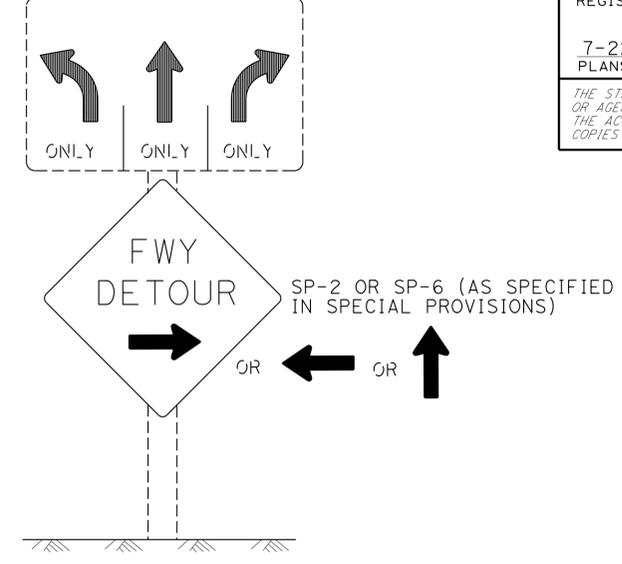
DETAIL A (SEE NOTE 3)

Exist E5-1, G84-2 (CA) OR G84-3 (CA)

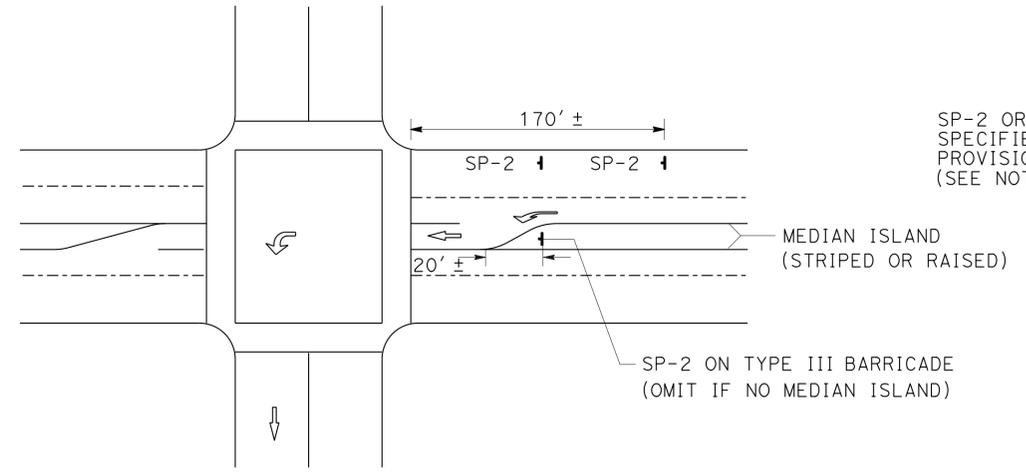


DETAIL B (SEE NOTE 3)

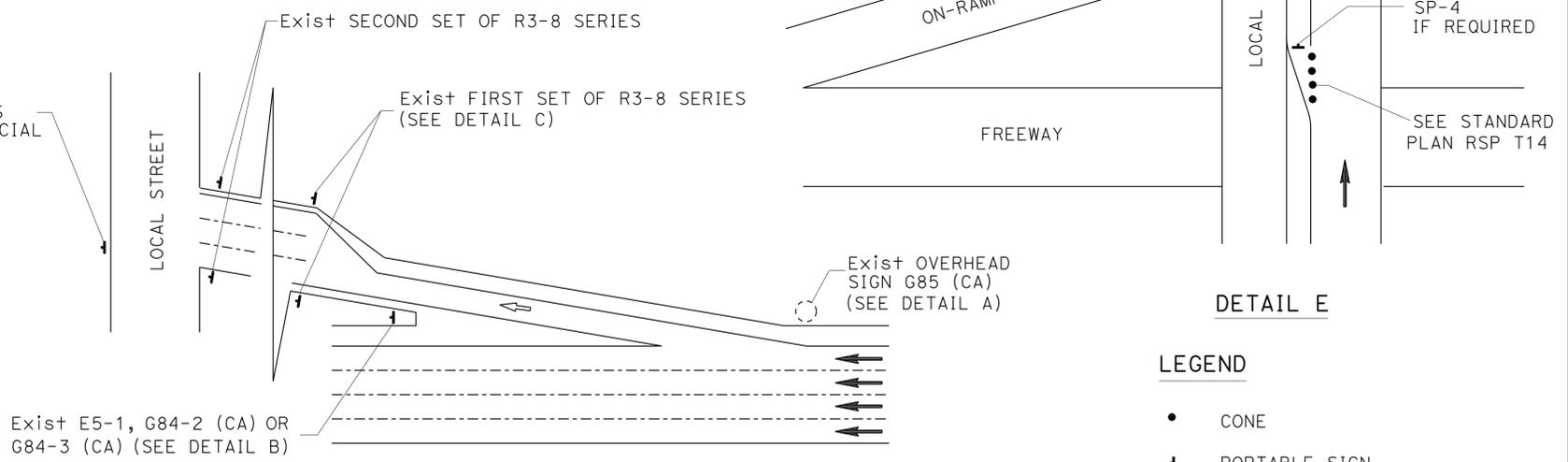
Exist R3-8 SERIES



DETAIL C (SEE NOTES 4, 5, AND 6)



DETAIL D



DETAIL E

- LEGEND
- CONE
  - ↑ PORTABLE SIGN
  - ➔ DIRECTION OF TRAVEL
  - ➞ DETOUR DIRECTION
  - EXISTING OVERHEAD SIGN

**TYPICAL DETOUR SIGN INSTALLATION AT OFF-RAMP**

SIGN CODE LEGEND

XXYY-Y: FEDERAL SIGN CODE PER MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)  
 XXYY-Y (CA): CALIFORNIA SIGN CODE PER CALIFORNIA MUTCD

**TRAFFIC HANDLING DETAILS  
 TRAFFIC CONTROL SYSTEM  
 FOR DETOUR SIGN INSTALLATION  
 ALONG DESIGNATED DETOUR ROUTE  
 SHEET 2 OF 2**

NO SCALE **THD-4**

NOTES: SIGN SP-2

1. SP-2 SIGNS MAY BE STRAPPED ON EXISTING ELECTROLIER, SIGNAL POST OR SIGN POST.
2. SP-2 SIGNS SHALL NOT BE INSTALLED ON BARRICADES EXCEPT AS OTHERWISE SHOWN.
3. OMIT DETAILS A AND B FOR FULL FREEWAY CLOSURES.
4. SEE TRAFFIC HANDLING DETAILS-TRAFFIC CONTROL SYSTEM FOR RAMP CLOSURES, DETOUR SIGNS, AND MISCELLANEOUS DETAILS PLAN SHEET 2 OF 2 FOR SP-6 SIGN DETAILS.
5. IF R3-8 SERIES SIGNS ARE NOT PRESENT AT THE OFF-RAMP, SP-2 OR SP-6 SIGNS SHALL BE FASTENED ONTO EXISTING ELECTROLIER, SIGNAL POST OR SIGN POST.
6. EXCEPT FOR DETAILS A & B, OMIT SP-2 SIGNS IF RAMP HAS MANDATORY SINGLE MOVE.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 DT M  
 FUNCTIONAL SUPERVISOR JOHN YANG  
 CHECKED BY  
 CALCULATED/DESIGNED BY  
 REVISED BY JOCELYN C CHIANG DATE REVISED 3/12  
 JC  
 3/12

|      |        |          |                          |           |              |
|------|--------|----------|--------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE    | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07   | LA     | 101, 110 | 1.6, 23.7                | 11        | 35           |

LICENSED LANDSCAPE ARCHITECT  
 Signature: [Signature]  
 7-22-13  
 PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

### MINOR CONCRETE (TEXTURED PAVING TYPE 1 & 2)

| SHEET NUMBER | MINOR CONCRETE (TEXTURED PAVING) TYPE 1 | MINOR CONCRETE (TEXTURED PAVING) TYPE 2 |
|--------------|---|---|
| PP-1         | 247                                     | 106                                     |
| PP-2         | 286                                     | 14                                      |
| <b>TOTAL</b> | <b>533</b>                              | <b>120</b>                              |

### TEMPORARY WATER POLLUTION CONTROL QUANTITIES

| TEMPORARY DRAINAGE INLET PROTECTION | TEMPORARY CONSTRUCTION ENTRANCE | TEMPORARY FIBER ROLL |
|-------------------------------------|---------------------------------|----------------------|
| EA                                  | EA                              | LF                   |
| 12                                  | 2                               | 1500                 |

### MULCH QUANTITIES

| SHEET NUMBER | MULCH       |
|--------------|-------------|
| PP-1         | 646         |
| PP-2         | 563         |
| PL-1         | 44          |
| <b>TOTAL</b> | <b>1253</b> |

### MISCELLANEOUS CONSTRUCTION QUANTITIES

| SHEET NUMBER       | LOCATION No. | REMOVE CHAIN LINK FENCE | MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION) | CHAIN LINK FENCE (TYPE CL-6) | REMARKS                          |
|--------------------|--------------|-------------------------|---|------------------------------|----------------------------------|
|                    |              | LF                      | CY  | LF                           |                                  |
| C-1                | 1            | 17.8                    | 1.1   | 17.8                         | 6" x 10" RETAINING CURB, PCC PAD |
| C-2                | 2            | 10                      | 1.1   | 26                           | 6" x 10" RETAINING CURB, PCC PAD |
| <b>SHEET TOTAL</b> |              | <b>27.8</b>             | <b>2.2</b>                                  | <b>43.4</b>                  |                                  |

## SUMMARY OF QUANTITIES

Q-1



**NOTE:**

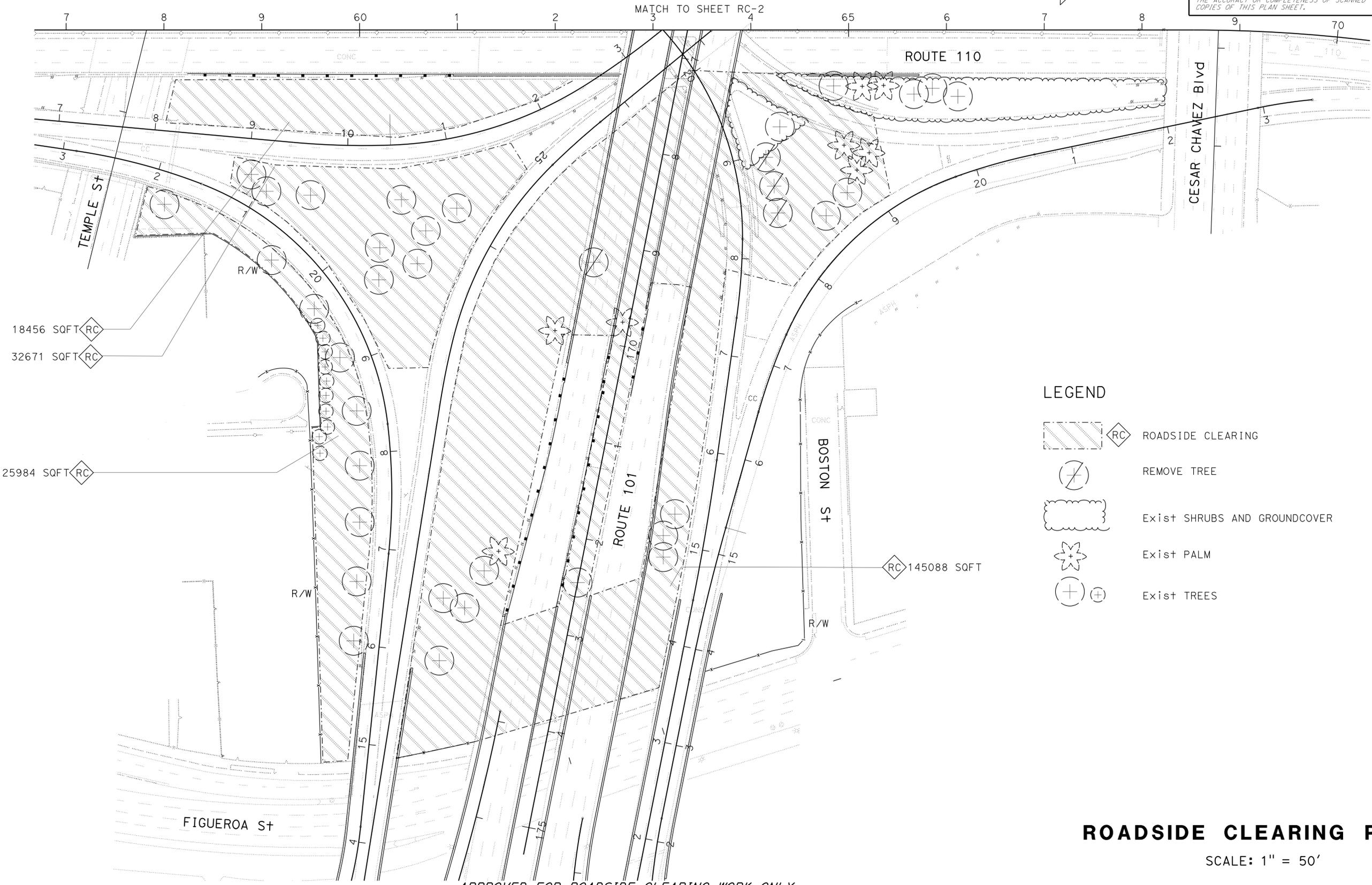
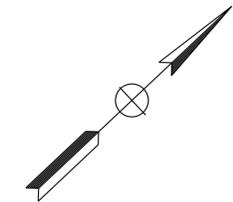
FOR ACCURATE RIGHT OF WAY DATA, CONTACT  
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

| Dist | COUNTY | ROUTE    | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|----------|--------------------------|-----------|--------------|
| 07   | LA     | 101, 110 | 1.6, 23.7                | 12        | 35           |

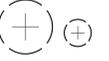
  
 LICENSED LANDSCAPE ARCHITECT  
 7-22-13  
 PLANS APPROVAL DATE



THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



**LEGEND**

-  ROADSIDE CLEARING
-  REMOVE TREE
-  Exist SHRUBS AND GROUNDCOVER
-  Exist PALM
-  Exist TREES

**ROADSIDE CLEARING PLAN**

SCALE: 1" = 50'

**RC-1**

APPROVED FOR ROADSIDE CLEARING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** LANDSCAPE ARCHITECTURE  
 SENIOR LANDSCAPE ARCHITECT: PATTY WATANABE  
 CALCULATED/DESIGNED BY: [blank] CHECKED BY: [blank]  
 JOSEPH MILLMAN DAHLIA PERSOFF  
 REVISED BY: [blank] DATE REVISED: [blank]

USERNAME => s116260  
 DGN FILE => 0713000205sd001.dgn



UNIT 1851

PROJECT NUMBER & PHASE

07130002051

BORDER LAST REVISED 7/2/2010

LAST REVISION: DATE PLOTTED => 24-JUL-2013  
 00-00-00 TIME PLOTTED => 1:31:31

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** LANDSCAPE ARCHITECTURE  
 SENIOR LANDSCAPE ARCHITECT PATTY WATANABE  
 CALCULATED/DESIGNED BY CHECKED BY  
 JOSEPH MILLMAN DAHLIA PERSOFF  
 REVISED BY DATE REVISED

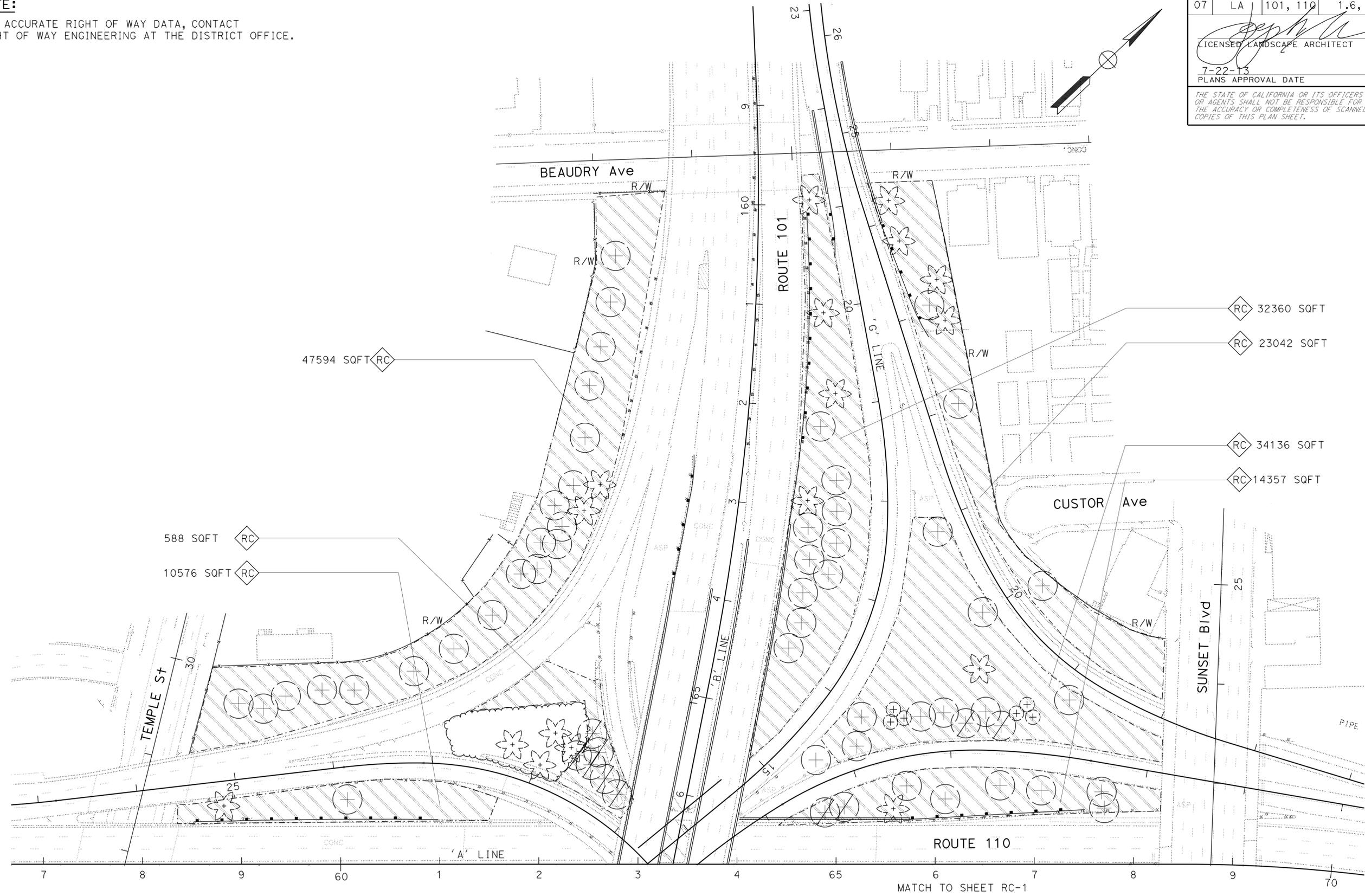
**NOTE:**

FOR ACCURATE RIGHT OF WAY DATA, CONTACT  
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

| DIST | COUNTY | ROUTE    | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|----------|--------------------------|-----------|--------------|
| 07   | LA     | 101, 110 | 1.6, 23.7                | 13        | 35           |

LICENSED LANDSCAPE ARCHITECT  
 JOSEPH MILLMAN  
 No. 1851  
 Signature: [Signature]  
 7-22-13  
 PLANS APPROVAL DATE  
 07/31/2014  
 Renewal Date: 01/15/2013  
 STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



**ROADSIDE CLEARING PLAN**

SCALE: 1" = 50'

**RC-2**

APPROVED FOR ROADSIDE CLEARING WORK ONLY

LAST REVISION: 00-00-00 DATE PLOTTED => 24-JUL-2013 TIME PLOTTED => 1:31:31

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** LANDSCAPE ARCHITECTURE

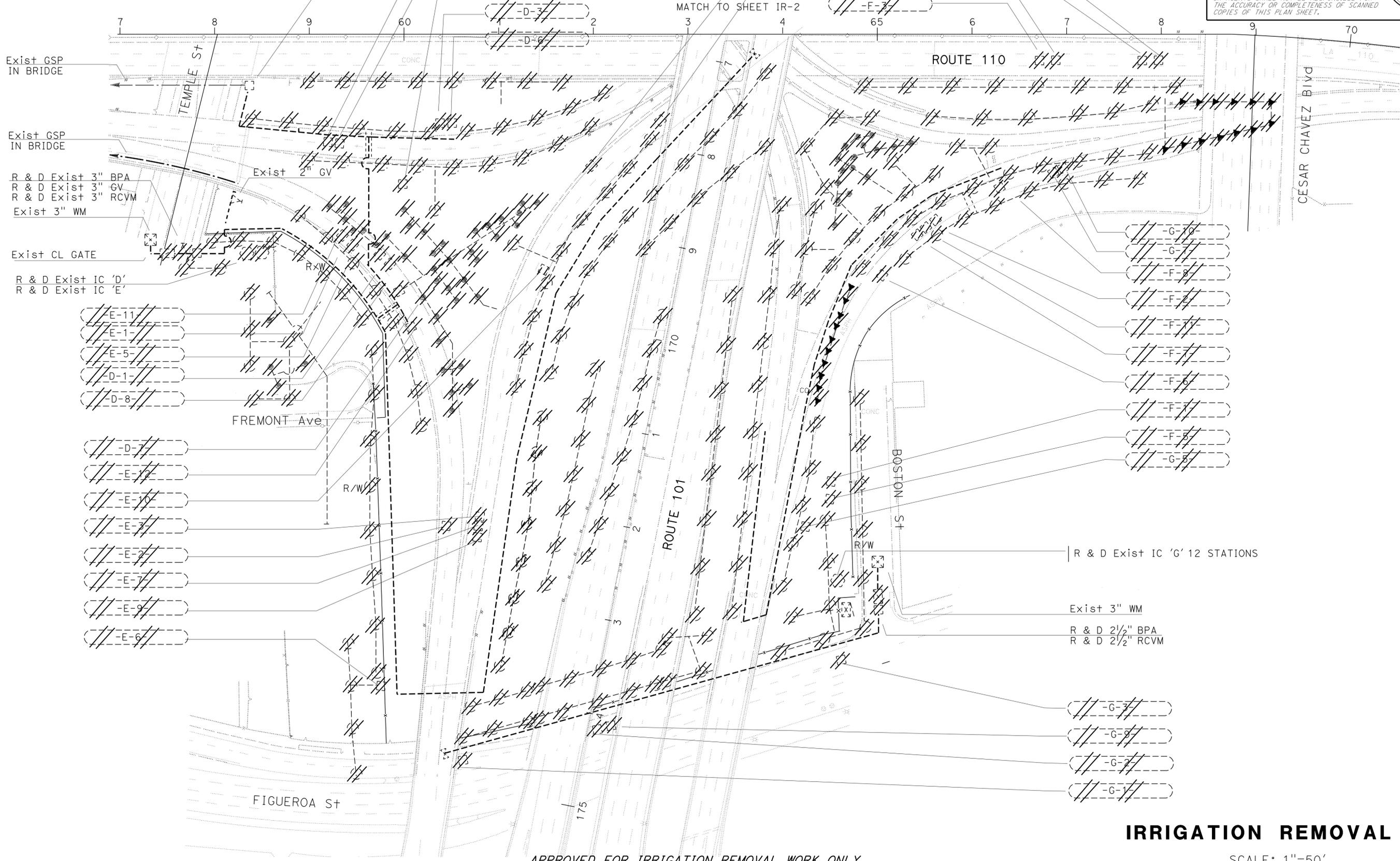
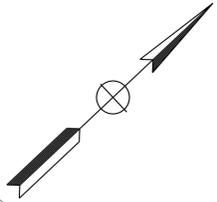
SENIOR LANDSCAPE ARCHITECT: PATTY WATANABE  
 CALCULATED/DESIGNED BY: [Blank]  
 CHECKED BY: [Blank]  
 JOSEPH MILLMAN  
 KATHLEEN LEDESMA  
 REVISED BY: [Blank]  
 DATE REVISED: [Blank]

**NOTE:**  
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT  
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

|      |        |          |                          |           |              |
|------|--------|----------|--------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE    | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07   | LA     | 101, 110 | 1.6, 23.7                | 14        | 35           |

LICENSED LANDSCAPE ARCHITECT  
 JOSEPH MILLMAN  
 No. 1851  
 Signature: [Signature]  
 Date: 07/31/2014  
 Approval Date: 01/15/2013  
 PLANS APPROVAL DATE: 7-22-13

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



- E-11
- E-10
- E-5
- D-1
- D-8

- D
- E
- E-11
- E-10
- E-7
- E-2
- E-7
- E-9
- E-6

- D-9
- D-5
- D-7
- D-4
- D-3
- D-6

- E-4
- E-8
- F-4
- E-8
- F-8
- F-3

- G-10
- G-7
- F-8
- F-7
- F-7
- F-6
- F-7
- F-8
- G-8

- G-7
- G-8
- G-2
- G-3

APPROVED FOR IRRIGATION REMOVAL WORK ONLY

**IRRIGATION REMOVAL PLAN**  
**IR-1**

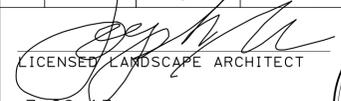
SCALE: 1"=50'

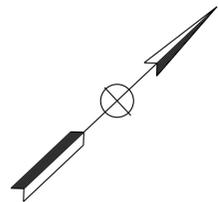
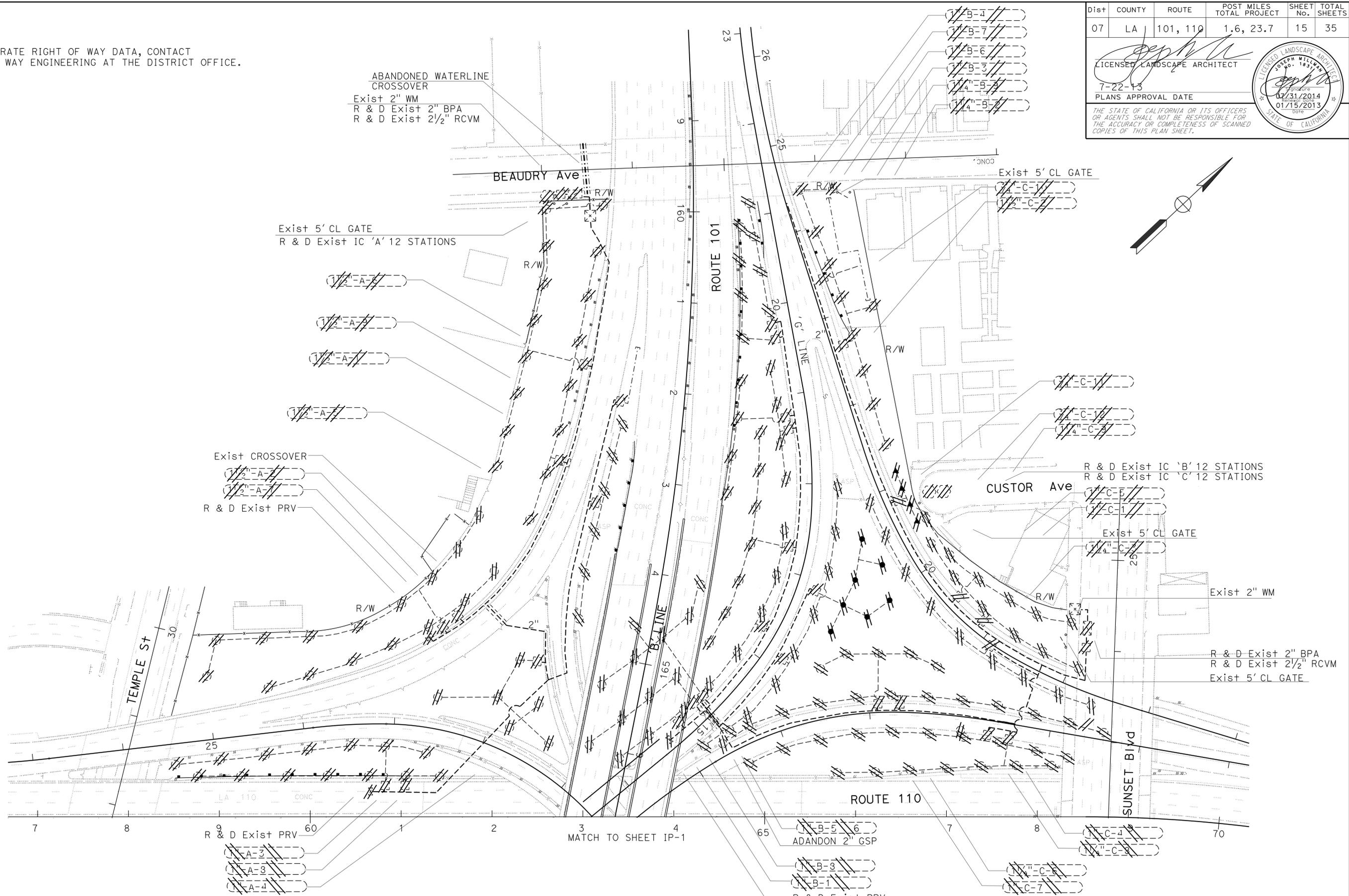
**NOTE:**

FOR ACCURATE RIGHT OF WAY DATA, CONTACT  
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

| Dist | COUNTY | ROUTE    | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|----------|--------------------------|-----------|--------------|
| 07   | LA     | 101, 110 | 1.6, 23.7                | 15        | 35           |

|  |  |   |
|--|--|---|
| <br>LICENSED LANDSCAPE ARCHITECT<br>7-22-13<br>PLANS APPROVAL DATE      |  |  |
| THE STATE OF CALIFORNIA OR ITS OFFICERS<br>OR AGENTS SHALL NOT BE RESPONSIBLE FOR<br>THE ACCURACY OR COMPLETENESS OF SCANNED<br>COPIES OF THIS PLAN SHEET. |  |   |



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** LANDSCAPE ARCHITECTURE  
 SENIOR LANDSCAPE ARCHITECT: PATTY WATANABE  
 CALCULATED/DESIGNED BY: JOSEPH MILLMAN  
 CHECKED BY: DAHLIA PERSOFF  
 REVISED BY: JOSEPH MILLMAN  
 DATE REVISED: DAHLIA PERSOFF

APPROVED FOR IRRIGATION REMOVAL WORK ONLY

**IRRIGATION REMOVAL PLAN**

SCALE: 1" = 50'

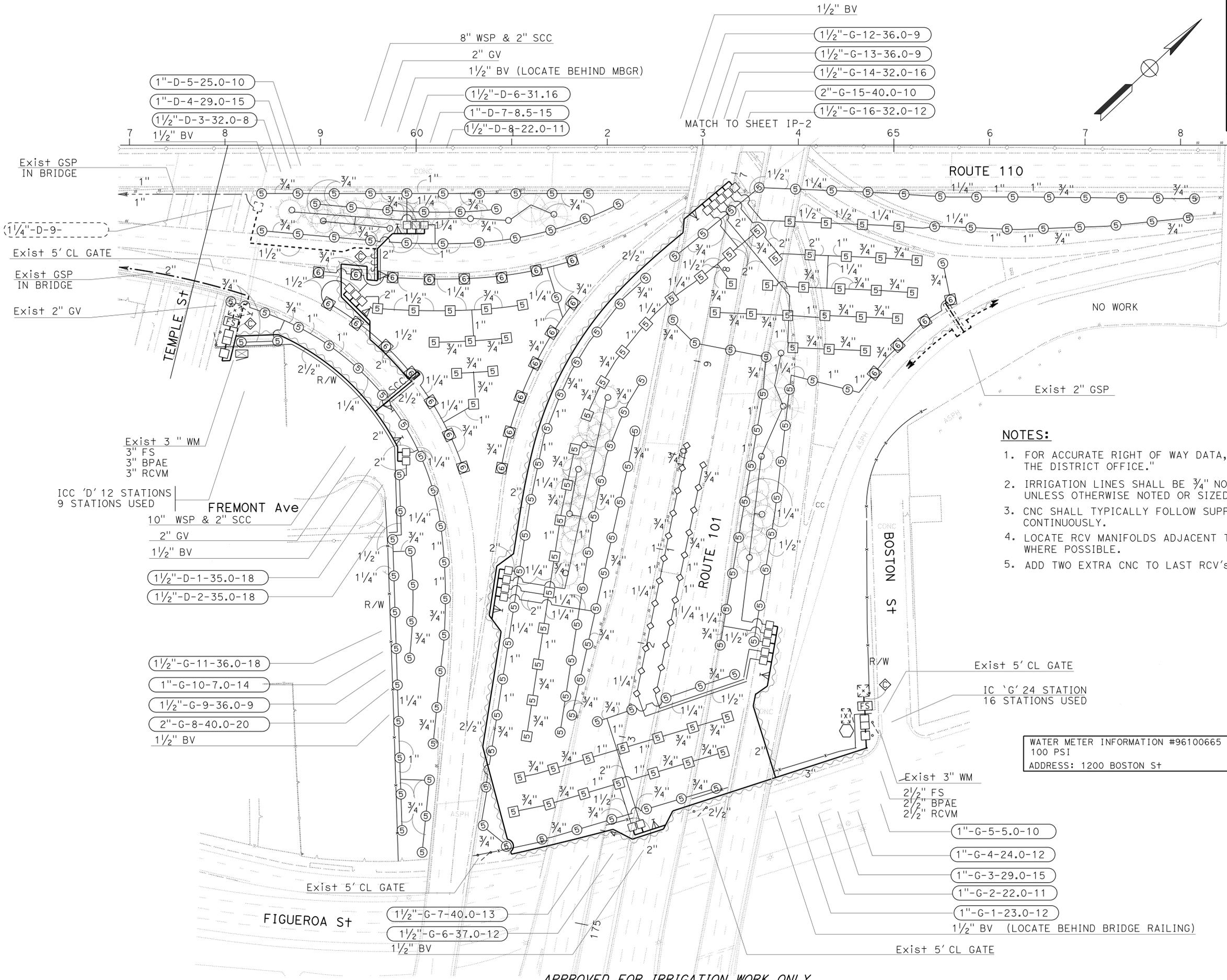
**IR-2**

|      |        |          |                          |           |              |
|------|--------|----------|--------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE    | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07   | LA     | 101, 110 | 1.6, 23.7                | 16        | 35           |

LICENSED LANDSCAPE ARCHITECT  
 7-22-13  
 PLANS APPROVAL DATE  
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** LANDSCAPE ARCHITECTURE  
 SENIOR LANDSCAPE ARCHITECT: PATTY WATANABE  
 CALCULATED/DESIGNED BY: JOSEPH MILLMAN  
 CHECKED BY: DAHLIA PERSOFF  
 REVISED BY: DATE REVISIONS:



**NOTES:**

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE."
2. IRRIGATION LINES SHALL BE 3/4" NOMINAL UNLESS OTHERWISE NOTED OR SIZED BY CHART.
3. CNC SHALL TYPICALLY FOLLOW SUPPLY LINE (MAIN) CONTINUOUSLY.
4. LOCATE RCV MANIFOLDS ADJACENT TO CL GATE WHERE POSSIBLE.
5. ADD TWO EXTRA CNC TO LAST RCV'S ON MAINLINE.

WATER METER INFORMATION #96100665  
 100 PSI  
 ADDRESS: 1200 BOSTON ST

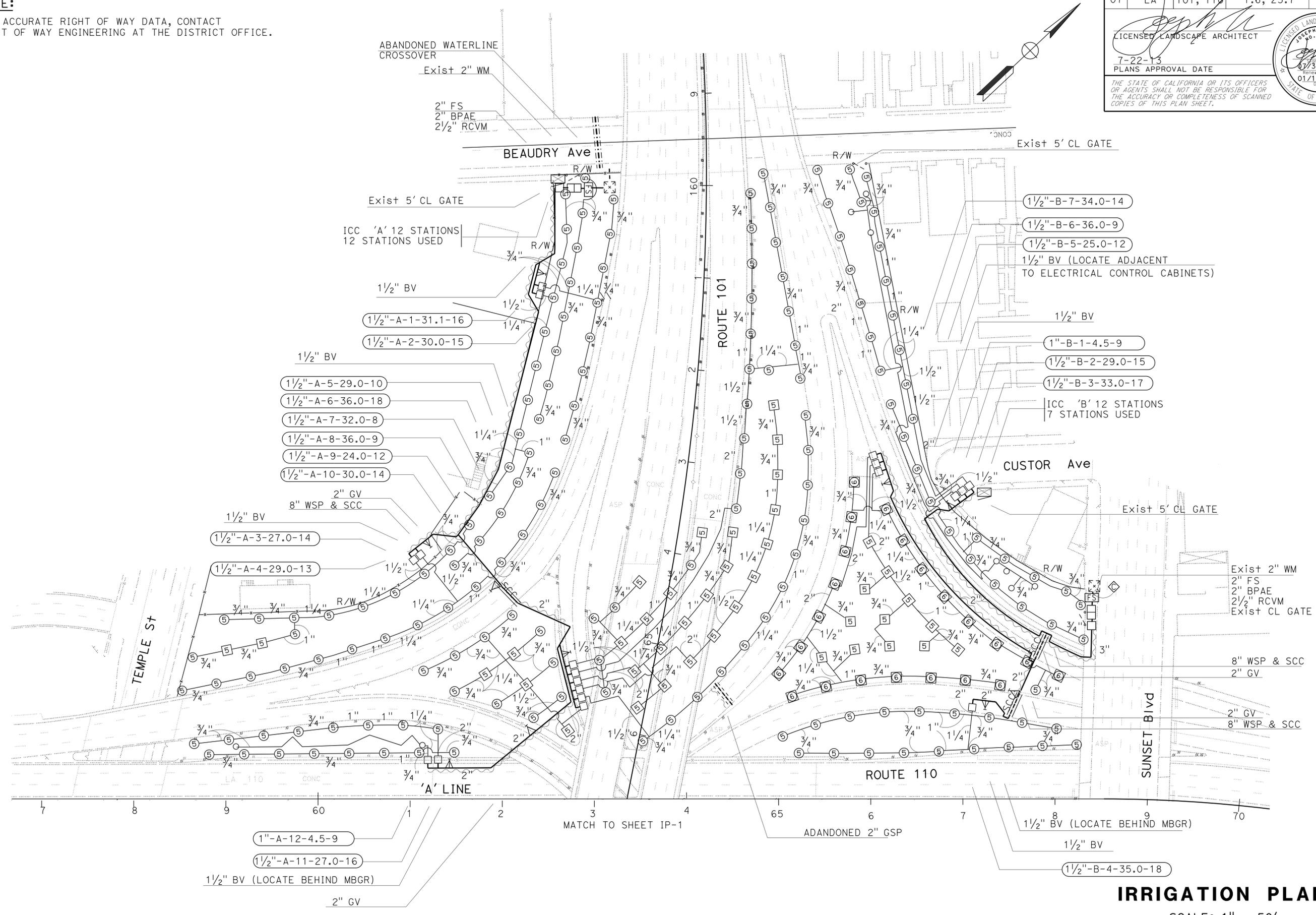
**IRRIGATION PLAN**  
 SCALE: 1" = 50'  
**IP-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** LANDSCAPE ARCHITECTURE  
 SENIOR LANDSCAPE ARCHITECT: PATTY WATANABE  
 CALCULATED/DESIGNED BY: JOSEPH MILLMAN  
 CHECKED BY: DAHLIA PERSOFF  
 REVISED BY: [ ] DATE REVISED: [ ]

**NOTE:**  
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT  
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

|      |        |          |                          |           |              |
|------|--------|----------|--------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE    | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07   | LA     | 101, 110 | 1.6, 23.7                | 17        | 35           |

LICENSED LANDSCAPE ARCHITECT  
 JOSEPH MILLMAN  
 No. 1851  
 7-22-13  
 PLANS APPROVAL DATE  
 01/15/2013  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

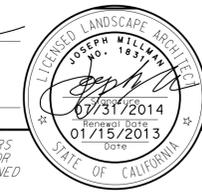


APPROVED FOR IRRIGATION WORK ONLY

**IRRIGATION PLAN**  
 SCALE: 1" = 50'  
**IP-2**

### SPRINKLER SCHEDULE

|      |        |          |                             |              |                 |
|------|--------|----------|-----------------------------|--------------|-----------------|
| Dist | COUNTY | ROUTE    | POST MILES<br>TOTAL PROJECT | SHEET<br>No. | TOTAL<br>SHEETS |
| 07   | LA     | 101, 110 | 1.6, 23.7                   | 18           | 35              |



LICENSED LANDSCAPE ARCHITECT  
 7-22-13  
 PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

| SYMBOL | TYPE | DESCRIPTION       | SPRAY PATTERN | OPERATING PRESSURE (PSI) | PRESSURE COMPENSATING | PLUS/MINUS 5% ②          |                        |             |                     | MATERIAL | INLET CONNECTION (NPT INCH) | RISER ⑤  |         |            |               |                     |                 | SWING JOINT (TYPE) | RISER SUPPORT | SPRINKLER PROTECTOR (TYPE) | REMARKS                               |
|--------|------|-------------------|---------------|--------------------------|-----------------------|--------------------------|------------------------|-------------|---------------------|----------|-----------------------------|----------|---------|------------|---------------|---------------------|-----------------|--------------------|---------------|----------------------------|---------------------------------------|
|        |      |                   |               |                          |                       | DISCHARGE                |                        | RADIUS (F+) | WIDTH x LENGTH (F+) |          |                             | MATERIAL |         |            | HEIGHT (INCH) | FLOW SHUTOFF DEVICE |                 |                    |               |                            |                                       |
|        |      |                   |               |                          |                       | GALLONS PER MINUTE (GPM) | GALLONS PER HOUR (GPH) |             |                     |          |                             | TYPE     | PLASTIC | GALVANIZED |               |                     | SIZE (IPS INCH) |                    |               |                            |                                       |
| ⑤      | A-5  | GEAR DRIVE        | Q\H           | 30-70                    | —                     | 2.0                      | —                      | 38'         | —                   | PL       | 3/4"                        | IV       | —       | X          | 3/4"          | 18"                 | X               | I                  | —             | —                          |                                       |
| ⑤      | A-5  | GEAR DRIVE        | F             | 30-70                    | —                     | 4.0                      | —                      | 38'         | —                   | PL       | 3/4"                        | IV       | —       | X          | 3/4"          | 18"                 | X               | I                  | —             | —                          |                                       |
| ⑥      | A-6  | GEAR DRIVE POP-UP | H             | 30-70                    | —                     | 2.0                      | —                      | 38'         | —                   | PL       | 3/4"                        | IV       | X       | —          | 3/4"          | —                   | X               | II                 | —             | —                          | 12" POP-UP SPRINKLER PROTECTOR TYPE 1 |
| ◇      | B-5  | ROTARY STREAM     | Q             | 20-55                    | —                     | 1.0                      | —                      | 24'         | —                   | PL       | 1/2"                        | II       | X       | —          | 1/2"          | 12"                 | —               | III                | —             | —                          |                                       |
| ◇      | B-5  | ROTARY STREAM     | H             | 20-55                    | —                     | 2.0                      | —                      | 24'         | —                   | PL       | 1/2"                        | II       | X       | —          | 1/2"          | 12"                 | —               | III                | —             | —                          |                                       |
| ◇      | B-5  | ROTARY STREAM     | F             | 20-55                    | —                     | 4.0                      | —                      | 24'         | —                   | PL       | 1/2"                        | II       | X       | —          | 1/2"          | 12"                 | —               | III                | —             | —                          |                                       |
| ○      | C-2  | FLOOD BUBBLER     | —             | 15-70                    | X                     | 0.50                     | —                      | 5'          | —                   | PL       | 1/2"                        | V        | X       | —          | 1/2"          | 12"                 | —               | —                  | —             | —                          | ④                                     |

| NUMBER OF SPRINKLERS | SIZE OF PIPE |
|----------------------|--------------|
| 1 - 40               | 3/4"         |
| 41 - 60              | 1"           |
| 61 - 96              | 1 1/4"       |
| 97 - 144             | 1 1/2"       |

| NUMBER OF SPRINKLERS | SIZE OF PIPE |
|----------------------|--------------|
| 1 - 20               | 3/4"         |
| 21 - 30              | 1"           |
| 31 - 48              | 1 1/4"       |
| 49 - 72              | 1 1/2"       |

**APPLICABLE WHEN CIRCLED BELOW: X IN BOX DENOTES REQUIREMENT**

1 - SEE SPECIAL PROVISIONS.  
 ② - IF A PRESSURE COMPENSATING DEVICE IS SPECIFIED, THE DISCHARGE AND RADII SHOWN REFLECT ITS USE.  
 3 - PRESSURE COMPENSATING BUBBLER.  
 ④ - TREE PLANTING USE 0.5 GAL/MINUTE SPRINKLER.  
 ⑤ - SWING JOINTS REQUIRED ADJACENT TO SHOULDERS, CURBS, SIDEWALKS, AND DIKES.  
 6 - UNLESS OTHERWISE SHOWN ON PLANS.

### IRRIGATION CROSSOVERS

| LINE   | STATION        | SIDE |     | CONDUIT TYPE ④ |                | (N)<br>WATER LINE CROSSOVER | (N)<br>SPRINKLER CONTROL CROSSOVER |
|--------|----------------|------|-----|----------------|----------------|-----------------------------|------------------------------------|
|        |                | R+   | L+  | SIZE (INCH) DN | LENGTH FT      |                             |                                    |
|        |                | 8"   | 10" | SIZE (INCH) DN | SIZE (INCH) DN |                             |                                    |
| LA 110 | 59+95          | X    |     | 35'            |                | 2"                          | 2"                                 |
| LA 110 | 59+95 TO 60+20 | X    |     | 35'            | 35'            | 2 1/2"                      | 2"                                 |
| LA 110 | 60+80 TO 61+10 |      | X   | 35'            |                | 2"                          | 2"                                 |
| LA 110 | 67+40 TO 67+60 |      | X   | 35'            |                | 2"                          | 2"                                 |
| LA 110 | 67+70 TO 67+90 |      | X   | 35'            |                | 2"                          | 2"                                 |
| TOTAL  |                |      |     | 140'           | 35'            |                             |                                    |

CONDUIT TYPE

(N) - NOT A SEPARATE PAY ITEM FOR INFORMATION ONLY (Applicable when circled below and shown under the 'CONDUIT TYPE' column heading)

DN - DIAMETER NOMINAL

X - DENOTES REQUIREMENT

M - MAIN LINE TRAVELWAY

R - RAMP

1 BITUMINOUS COATED CORRUGATED STEEL PIPE (1/16 INCH THICK)

2 CORRUGATED STEEL PIPE (1/16 INCH THICK)

3 CORRUGATED HIGH DENSITY POLYETHYLENE PIPE

④ WELDED STEEL PIPE CONDUIT

## IRRIGATION DETAILS ID-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - LANDSCAPE ARCHITECTURE  
 SENIOR LANDSCAPE ARCHITECT - PATTY WATANABE  
 CALCULATED/DESIGNED BY - JOSEPH MILLMAN  
 CHECKED BY - DAHLIA PERSEFF  
 REVISOR BY -  
 DATE REVISED -

|      |        |          |                          |           |              |
|------|--------|----------|--------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE    | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07   | LA     | 101, 110 | 1.6, 23.7                | 19        | 35           |

LICENSED LANDSCAPE ARCHITECT  
 JOSEPH MILLMAN  
 No. 18517  
 Signature: [Signature]  
 Date: 07/31/2014  
 Plans Approval Date: 7-22-13  
 01/15/2013

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

### SUBTOTALS PER VALVE ON LATERAL SUPPLY SIDE OF CONTROL VALVE

| DESCRIPTION                                    | UNIT   | VALVE OR ASSEMBLY NUMBER |     |     |     |     |     |     |     |     |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | SUBTOTALS | UNIT | DESCRIPTION |     |     |     |      |       |        |        |     |
|--|--------|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|------|-------------|-----|-----|-----|------|-------|--------|--------|-----|
|  |        | A-1                      | A-2 | A-3 | A-4 | A-5 | A-6 | A-7 | A-8 | A-9 | A-10 | A-11 | A-12 | B-1 | B-2 | B-3 | B-4 | B-5 | B-6 | B-7 | D-1 | D-2 | D-3 | D-4 | D-5 | D-6 | D-7 | D-8 | G-1 | G-2 | G-3 | G-4 | G-5 |           |      |             | G-6 | G-7 | G-8 | G-9  | G-10  | G-11   | G-12   |     |
| PLASTIC PIPE SUPPLY LINE<br>PR 315 SCHEDULE 40 | 3/4"   | 532                      | 323 | 304 | 190 | 204 | 323 | 152 | 136 | 157 | 376  | 323  | 228  | 640 | 399 | 276 | 513 | 228 | 152 | 304 | 286 | 276 | 129 | 247 | 114 | 494 | 380 | 304 | 300 | 96  | 96  | 152 | 171 | 304       | 380  | 392         | 152 | 345 | 304 | 129  | 10811 | LF     | 3/4"   |     |
|  | 1"     |                          | 10  | 109 | 48  | 38  | 95  | 38  | 38  | 76  |      | 152  |      |     | 35  | 152 | 95  | 76  | 38  | 20  | 152 | 68  | 34  | 40  | 34  | 38  | 76  |     | 48  | 48  | 76  | 76  | 110 | 76        | 114  | 76          |     | 152 | 38  | 2276 | LF    | 1"     |        |     |
|  | 1 1/4" | 60                       | 171 | 81  | 114 | 38  | 60  | 70  | 76  | 185 | 34   | 57   |      |     | 73  | 77  | 34  | 95  | 38  | 65  | 190 | 185 | 23  | 152 | 71  | 20  |     | 20  |     | 120 | 236 | 209 | 162 |           | 46   | 76          |     | 190 | 76  | 3104 | LF    | 1 1/4" |        |     |
|  | 1 1/2" |                          | 10  | 60  | 48  | 60  | 76  | 70  | 76  | 105 | 34   |      |      |     | 35  | 57  |     | 35  |     | 38  |     | 43  | 76  | 57  | 129 |     |     |     |     | 130 |     | 124 | 50  |           | 35   |             |     |     | 38  |      | 1386  | LF     | 1 1/2" |     |
|  | 2"     |                          |     |     |     |     | 320 |     | 160 |     | 64   | 30   |      |     |     |     | 120 | 5   |     | 110 | 150 | 10  | 43  | 15  |     |     | 30  |     |     |     |     |     |     | 85        | 10   | 80          | 35  |     | 10  | 40   | 1317  | LF     | 2"     |     |
| SPRINKLER TYPE                                 | A-5    | EA                       | 16  | 15  | 14  | 13  | 10  | 18  | 8   | 9   | 12   | 14   | 16   |     | 15  | 17  | 18  | 1   | 9   | 3   | 18  | 18  | 8   | 1   | 3   | 16  |     | 11  |     |     | 11  | 12  |     | 12        | 13   | 20          | 9   |     | 18  | 9    | 387   | EA     | A-5    |     |
|  | A-6    | EA                       |     |     |     |     |     |     |     |     |      |      |      |     |     |     |     | 11  |     | 11  |     |     |     | 14  | 7   |     |     |     |     |     |     |     |     |           |      |             |     |     |     |      |       | 47     | EA     | A-6 |
|  | B-5    | EA                       |     |     |     |     |     |     |     |     |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 12  | 11  |     |     |     |           |      |             |     |     |     |      |       | 23     | EA     | B-5 |
|  | C-2    | EA                       |     |     |     |     |     |     |     |     |      | 9    | 9    |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 15  |     |     |     |     |     |           |      |             |     |     |     | 14   |       | 57     | EA     | C-2 |

| DESCRIPTION                                    | UNIT   | VALVE OR ASSEMBLY NUMBER |      |      |      | SUBTOTALS | UNIT | DESCRIPTION |     |
|--|--------|--------------------------|------|------|------|-----------|------|-------------|-----|
|  |        | G-13                     | G-14 | G-15 | G-16 |           |      |             |     |
| PLASTIC PIPE SUPPLY LINE<br>PR 315 SCHEDULE 40 | 3/4"   | 228                      | 228  | 228  | 152  | 836       | LF   | 3/4"        |     |
|  | 1"     | 72                       | 76   | 19   | 76   | 243       | LF   | 1"          |     |
|  | 1 1/4" |                          | 190  | 34   | 114  | 338       | LF   | 1 1/4"      |     |
|  | 1 1/2" |                          | 76   |      | 76   | 152       | LF   | 1 1/2"      |     |
|  | 2"     | 150                      | 10   | 130  | 75   | 365       | LF   | 2"          |     |
| SPRINKLER TYPE                                 | A-5    | EA                       | 9    | 16   | 10   | 12        | 47   | EA          | A-5 |
|  | A-6    | EA                       |      |      |      |           |      | EA          | A-6 |
|  | B-5    | EA                       |      |      |      |           |      | EA          | B-5 |
|  | C-2    | EA                       |      |      |      |           |      | EA          | C-2 |

## IRRIGATION QUANTITIES IQ-1

**SUBTOTALS PER PLAN SHEET ON MAIN SUPPLY SIDE OF CONTROL VALVE**

| DESCRIPTION              | UNIT       | SHEET NUMBER |      |      |     |  |  |  |  |  |  |  |  |  |  |  |   | SUBTOTALS |   |
|--------------------------|------------|--------------|------|------|-----|--|--|--|--|--|--|--|--|--|--|--|---|-----------|---|
|                          |            | IP-1         | IP-2 |      |     |  |  |  |  |  |  |  |  |  |  |  |   |           |   |
| BPA                      | 2" BPA     | EA           |      | 2    |     |  |  |  |  |  |  |  |  |  |  |  |   | 2         |   |
|                          | 2 1/2" BPA | EA           | 1    |      |     |  |  |  |  |  |  |  |  |  |  |  |   | 1         |   |
|                          | 3" BPA     | EA           | 1    |      |     |  |  |  |  |  |  |  |  |  |  |  |   | 1         |   |
|                          | ENCLOSURE  | EA           | 2    | 2    |     |  |  |  |  |  |  |  |  |  |  |  |   | 4         |   |
| BOOSTER PUMP             |            |              |      |      |     |  |  |  |  |  |  |  |  |  |  |  |   |           |   |
| IRRIGATION CONTROLLER    | 12 STATION | EA           | 1    | 2    |     |  |  |  |  |  |  |  |  |  |  |  |   | 3         |   |
|                          | 24 STATION | EA           | 1    |      |     |  |  |  |  |  |  |  |  |  |  |  |   | 1         |   |
| CEC                      | SINGLE     | EA           | 1    | 2    |     |  |  |  |  |  |  |  |  |  |  |  |   | 3         |   |
|                          | DOUBLE     |              |      |      |     |  |  |  |  |  |  |  |  |  |  |  |   |           |   |
| VALVES AND ASSEMBLIES    | RCV        | 1"           | EA   | 9    | 2   |  |  |  |  |  |  |  |  |  |  |  |   | 11        |   |
|                          |            | 1 1/2"       | EA   | 13   | 17  |  |  |  |  |  |  |  |  |  |  |  |   | 30        |   |
|                          |            | 2"           | EA   | 2    |     |  |  |  |  |  |  |  |  |  |  |  |   | 2         |   |
|                          |            | 2 1/2"       | EA   | 1    | 2   |  |  |  |  |  |  |  |  |  |  |  |   |           | 3 |
|                          |            | 3"           | EA   | 1    |     |  |  |  |  |  |  |  |  |  |  |  |   |           | 1 |
| GV                       | 2"         | EA           | 2    | 4    |     |  |  |  |  |  |  |  |  |  |  |  |   | 6         |   |
| BV                       | 1 1/2"     | EA           | 7    | 7    |     |  |  |  |  |  |  |  |  |  |  |  |   | 14        |   |
|                          | FS         | 2"           | EA   |      | 2   |  |  |  |  |  |  |  |  |  |  |  |   | 2         |   |
|                          |            | 2 1/2"       | EA   | 1    |     |  |  |  |  |  |  |  |  |  |  |  |   | 1         |   |
| 3"                       | EA         | 1            |      |      |     |  |  |  |  |  |  |  |  |  |  |  | 1 |           |   |
| CONDUIT                  | WSP/CSP    | 8"           | LF   | 35   | 105 |  |  |  |  |  |  |  |  |  |  |  |   | 140       |   |
|                          |            | 10"          | LF   | 35   |     |  |  |  |  |  |  |  |  |  |  |  |   | 35        |   |
| PLASTIC PIPE SUPPLY LINE | SCH 40     | 2"           | LF   | 1050 | 790 |  |  |  |  |  |  |  |  |  |  |  |   | 1840      |   |
|                          |            | 2 1/2"       | LF   | 590  | 535 |  |  |  |  |  |  |  |  |  |  |  |   | 1125      |   |
|                          |            | 3"           | LF   | 100  | 150 |  |  |  |  |  |  |  |  |  |  |  |   | 250       |   |
|                          |            |              |      |      |     |  |  |  |  |  |  |  |  |  |  |  |   |           |   |
| DIP                      | GSP        |              |      |      |     |  |  |  |  |  |  |  |  |  |  |  |   |           |   |

**TOTAL QUANTITIES**

| TOTALS       | UNIT | DESCRIPTION |                          |
|--------------|------|-------------|--------------------------|
| 2            | EA   | 2" BPA      | BPA                      |
| 1            | EA   | 2 1/2" BPA  |                          |
| 1            | EA   | 3" BPA      |                          |
| 4            | EA   | ENCLOSURE   |                          |
| BOOSTER PUMP |      |             | IRRIGATION CONTROLLER    |
| 3            | EA   | STATION 12  |                          |
| 1            | EA   | STATION 24  |                          |
| 3            | EA   | SINGLE      | CEC                      |
|              |      | DOUBLE      |                          |
| 11           | EA   | 1"          | VALVES AND ASSEMBLIES    |
| 30           | EA   | 1 1/2"      |                          |
| 2            | EA   | 2"          |                          |
| 3            | EA   | 2 1/2"      |                          |
| 1            | EA   | 3"          |                          |
| 6            | EA   | 2"          | GV                       |
| 14           | EA   | 1 1/2"      | BV                       |
| 2            | EA   | 2"          | FS                       |
| 1            | EA   | 2 1/2"      |                          |
| 1            | EA   | 3"          |                          |
| 140          | LF   | 8"          | WSP/CSP                  |
| 35           | LF   | 10"         |                          |
| 11647        | LF   | 3/4"        | SCH 40                   |
| 2519         | LF   | 1"          |                          |
| 3442         | LF   | 1 1/4"      |                          |
| 1538         | LF   | 1 1/2"      |                          |
| 3522         | LF   | 2"          |                          |
| 1125         | LF   | 2 1/2"      | PLASTIC PIPE SUPPLY LINE |
| 250          | LF   | 3"          |                          |
| 434          | EA   | A-5         | SPRINKLER TYPE           |
| 47           | EA   | A-6         |                          |
| 23           | EA   | B-5         |                          |
| 57           | EA   | C-2         |                          |

|      |        |          |                          |           |              |
|------|--------|----------|--------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE    | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07   | LA     | 101, 110 | 1.6, 23.7                | 20        | 35           |

LICENSED LANDSCAPE ARCHITECT  
 JOSEPH MILLMAN  
 No. 18311  
 7-22-43  
 PLANS APPROVAL DATE: 07/31/2014  
 01/15/2013  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**IRRIGATION QUANTITIES**  
**IQ-2**

**APPLICABLE WHEN CIRCLED:**

- ① - QUANTITIES SHOWN ARE "PER PLANT" UNLESS SHOWN AS SQFT OR SQYD APPLICATION RATES
- 2 - BASIN MULCH IS INCLUDED WITH MULCH QUANTITIES SHOWN ON PLANTING PLAN
- ③ - SUFFICIENT TO RECEIVE ROOT BALL AND AMENDMENTS IF REQUIRED
- ④ - SEE DETAIL
- 5 - SEE SPECIAL PROVISIONS
- 6 - SEE STANDARD SPECIFICATIONS
- ⑦ - AS SHOWN
- 8 - UNLESS OTHERWISE SHOWN ON PLANS
- ⑨ - TWICE THE DIAMETER OF THE ROOT BALL
- ⑩ - DO NOT APPLY MULCH TO AREAS
- ⑪ - 3' MINIMUM DISTANCE FROM NEW TREE PLANTING
- 12 - STATE-FURNISHED

**NOTES:**

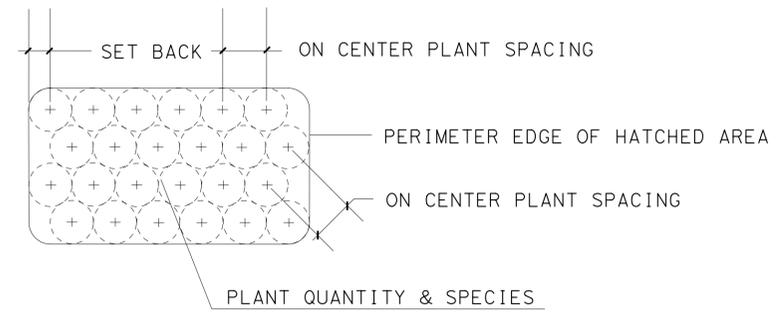
- 1. UNDERLINED PORTIONS OF BOTANICAL NAME INDICATE ABBREVIATIONS USED ON PLANTING PLANS.
- 2. MULCH MUST BE WOOD CHIP MULCH AS DESCRIBED.

**PLANT LIST AND PLANTING SPECIFICATIONS**

| PLANT GROUP | PLANT No. | SYMBOL  | BOTANICAL NAME                         | COMMON NAME         | SIZE     | QUANTITY EACH | HOLE SIZE (INCH) |       | BASIN TYPE | IRON SULFATE ① | SOIL AMEND ① | COMMERCIAL FERTILIZER ① |                | BASIN MULCH (CY) | STAKING | PLANTING LIMITS            |      |       |      |             |                |             | REMARKS          |
|-------------|-----------|---|--|---------------------|----------|---------------|------------------|-------|------------|----------------|--------------|-------------------------|----------------|------------------|---------|----------------------------|------|-------|------|-------------|----------------|-------------|------------------|
|             |           |   |  |                     |          |               | Dia              | DEPTH |            |                |              | PLANTING                | PLT ESTB       |                  |         | MINIMUM DISTANCE (ft) FROM |      |       |      |             | ON CENTER (ft) |             |                  |
|             |           |   |  |                     |          |               |                  |       |            |                |              |                         |                |                  |         | ETW                        | Pvmt | FENCE | WALL | PAVED DITCH |                | EARTH DITCH |                  |
| A           | 1         |    | ACACIA <u>REDOLENS</u> 'DESERT CARPET' | PROSTRATE ACACIA    | No. 1    | 977           | ⑨                | ③     | II         | —              | 0.04 CY      | 1 Pkt                   | 2 Oz           | 0.04 CY          | —       | —                          | 20   | 20    | 20   | 20          | 23             | 10          | ④ SHRUB          |
| B           | 2         |    | EUCALYPTUS <u>SIDEROXYLON</u>          | PINK IRONBARK       | No. 5    | 52            | ⑨                | ③     | I          | —              | 0.19 CY      | 3 Pkt                   | 6 Oz           | 0.11 CY          | ⑦       | 40                         | 15   | 15    | 15   | 15          | 16             | ⑦           | TREE             |
| F           | 3         |    | HEDERA <u>CANARIENSIS</u>              | ALGERIAN IVY        | FLATS    | 166880        | 9"               | ③     | —          | —              | —            | 5 LB/1000 SQFT          | 2 LB/1000 SQFT | —                | —       | —                          | 5    | 7     | 7    | 7           | 8              | 9"          | ④⑩ GROUNDCOVER   |
| H           | 4         |   | CARPOBROTUS <u>EDULIS</u>              | ICEPLANT            | CUTTINGS | 393353        | 4"               | ③     | —          | —              | —            | 5 LB/1000 SQFT          | 2 LB/1000 SQFT | —                | —       | —                          | 5    | 7     | 7    | 7           | 8              | 9"          | ④⑩⑪ GROUNDCOVER  |
| U           | 5         |  | <u>PLATANUS RACEMOSA</u>               | CALIFORNIA SYCAMORE | No. 15   | 8             | ⑨                | ③     | I          | —              | 0.56 CY      | 5 Pkt                   | 10 Oz          | 0.30 CY          | ⑦       | 40                         | —    | 20    | 20   | 10          | 11             | ⑦           | TREE-MULTI-TRUNK |

**LEGEND:**

-  XX CY  
MULCH 4" DEEP
-  XX CY  
TYPE 1  
MINOR CONCRETE (TEXTURED PAVING) SEE CONSTRUCTION DETAILS
-  XX CY  
TYPE 2  
MINOR CONCRETE (TEXTURED PAVING) SEE CONSTRUCTION DETAILS
- 
- 
- 
- MAINTAIN EXISTING PLANTS AREA



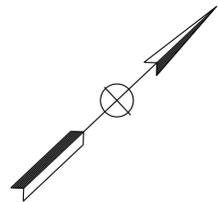
NOTE: PLACE PLANTS ON TRIANGULAR SPACING

**TYPICAL PLANT PLACEMENT**  
NO SCALE

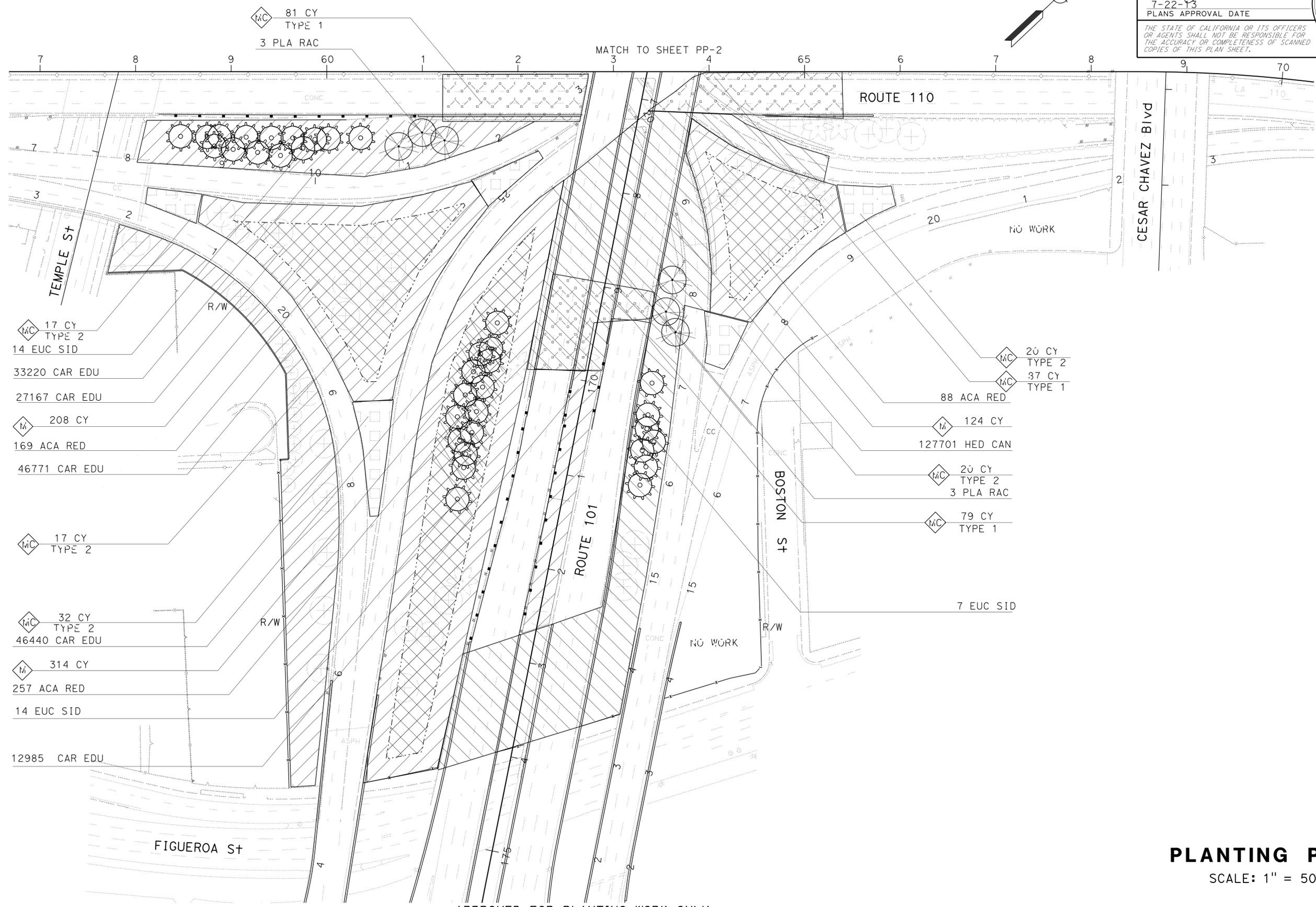
**PLANT LIST**  
**PL-1**

|      |        |          |                          |           |              |
|------|--------|----------|--------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE    | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07   | LA     | 101, 110 | 1.6, 23.7                | 22        | 35           |

LICENSED LANDSCAPE ARCHITECT  
 7-22-13  
 PLANS APPROVAL DATE  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



**NOTE:**  
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT  
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 LANDSCAPE ARCHITECTURE  
 SENIOR LANDSCAPE ARCHITECT  
 PATTY WATANABE  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 JOSEPH MILLMAN  
 DAHLIA PERSOFF  
 REVISED BY  
 DATE REVISED

APPROVED FOR PLANTING WORK ONLY

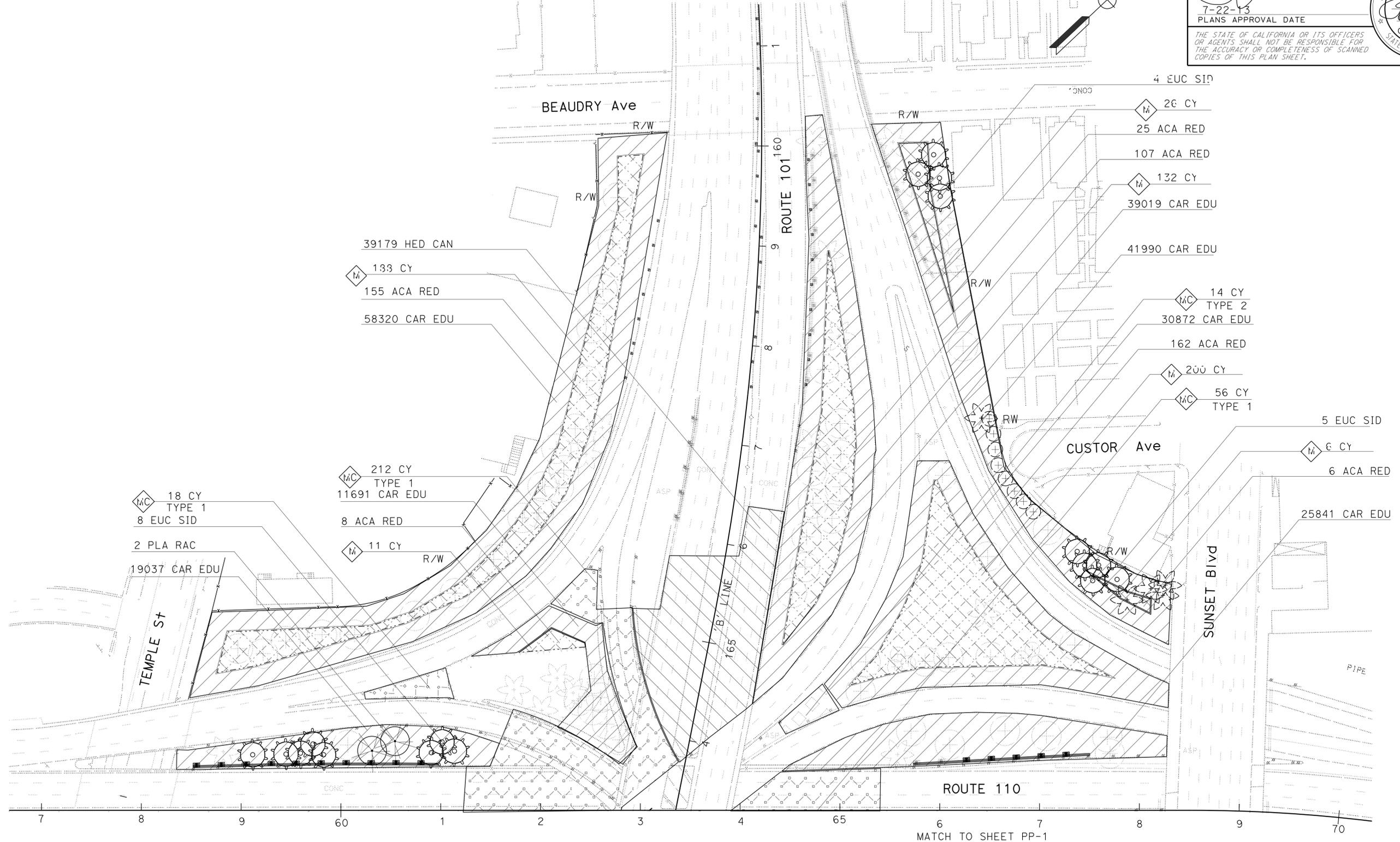
**PLANTING PLAN**  
 SCALE: 1" = 50'  
**PP-1**

LAST REVISION DATE PLOTTED => 24-JUL-2013  
 00-00-00 TIME PLOTTED => 1:31:31

| DIST | COUNTY | ROUTE    | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|----------|--------------------------|-----------|--------------|
| 07   | LA     | 101, 110 | 1.6, 23.7                | 23        | 35           |

LICENSED LANDSCAPE ARCHITECT  
 7-22-13  
 PLANS APPROVAL DATE  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**NOTE:**  
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT  
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - LANDSCAPE ARCHITECTURE

SENIOR LANDSCAPE ARCHITECT: PATTY WATANABE

CALCULATED/DESIGNED BY: JOSEPH MILLMAN

CHECKED BY: DAHLIA PERSOFF

REVISED BY: [ ] DATE: [ ]

APPROVED FOR PLANTING WORK ONLY

**PLANTING PLAN**  
 SCALE: 1" = 50'  
**PP-2**

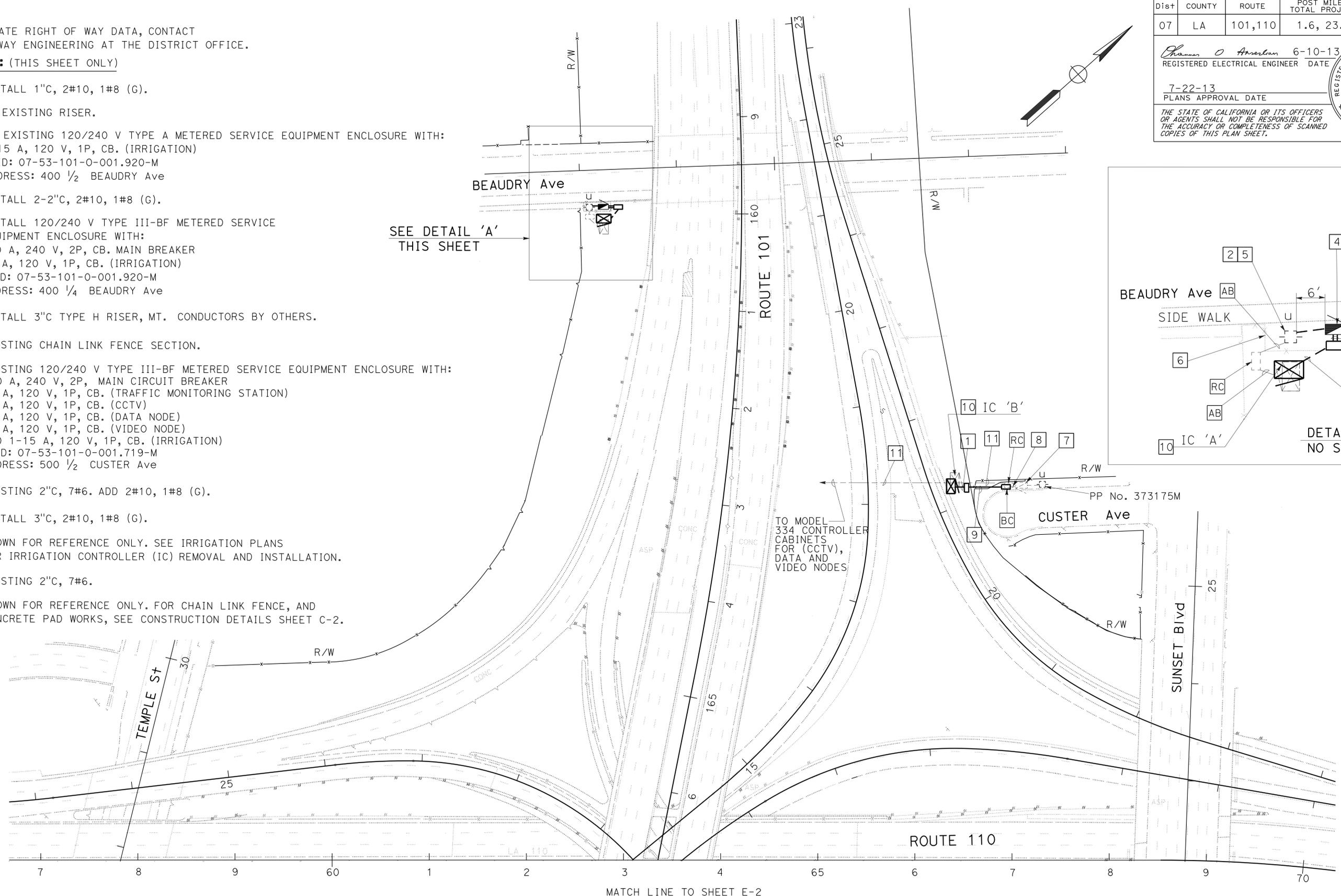
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: OSWALD ELIZONDO  
 CALCULATED/DESIGNED BY: CHANNES ANSERLIAN  
 CHECKED BY: CHANNES ANSERLIAN  
 REVISIONS: REVISED BY: DATE REVISED

**NOTE:**  
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT  
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**LEGEND: (THIS SHEET ONLY)**

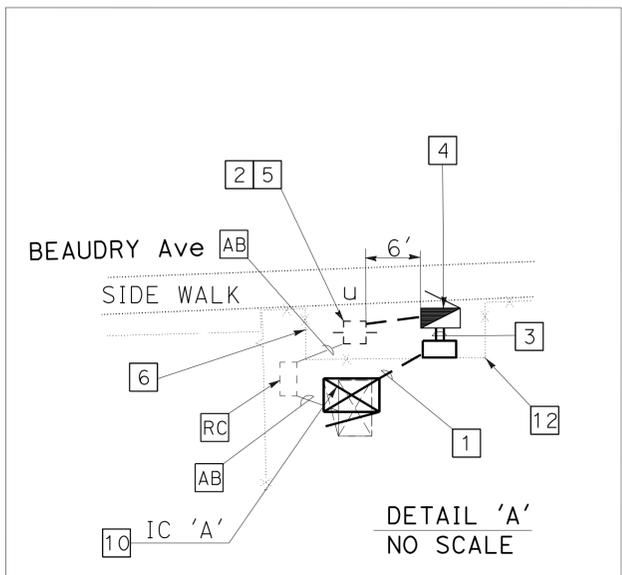
- 1 INSTALL 1"C, 2#10, 1#8 (G).
- 2 RC EXISTING RISER.
- RC EXISTING 120/240 V TYPE A METERED SERVICE EQUIPMENT ENCLOSURE WITH:  
 1-15 A, 120 V, 1P, CB. (IRRIGATION)  
 CTID: 07-53-101-0-001.920-M  
 ADDRESS: 400 1/2 BEAUDRY Ave
- 3 INSTALL 2-2"C, 2#10, 1#8 (G).
- 4 INSTALL 120/240 V TYPE III-BF METERED SERVICE EQUIPMENT ENCLOSURE WITH:  
 100 A, 240 V, 2P, CB. MAIN BREAKER  
 20 A, 120 V, 1P, CB. (IRRIGATION)  
 CTID: 07-53-101-0-001.920-M  
 ADDRESS: 400 1/4 BEAUDRY Ave
- 5 INSTALL 3"C TYPE H RISER, MT. CONDUCTORS BY OTHERS.
- 6 EXISTING CHAIN LINK FENCE SECTION.
- 7 EXISTING 120/240 V TYPE III-BF METERED SERVICE EQUIPMENT ENCLOSURE WITH:  
 100 A, 240 V, 2P, MAIN CIRCUIT BREAKER  
 30 A, 120 V, 1P, CB. (TRAFFIC MONITORING STATION)  
 30 A, 120 V, 1P, CB. (CCTV)  
 30 A, 120 V, 1P, CB. (DATA NODE)  
 30 A, 120 V, 1P, CB. (VIDEO NODE)  
 ADD 1-15 A, 120 V, 1P, CB. (IRRIGATION)  
 CTID: 07-53-101-0-001.719-M  
 ADDRESS: 500 1/2 CUSTER Ave
- 8 EXISTING 2"C, 7#6. ADD 2#10, 1#8 (G).
- 9 INSTALL 3"C, 2#10, 1#8 (G).
- 10 SHOWN FOR REFERENCE ONLY. SEE IRRIGATION PLANS FOR IRRIGATION CONTROLLER (IC) REMOVAL AND INSTALLATION.
- 11 EXISTING 2"C, 7#6.
- 12 SHOWN FOR REFERENCE ONLY. FOR CHAIN LINK FENCE, AND CONCRETE PAD WORKS, SEE CONSTRUCTION DETAILS SHEET C-2.



|      |        |         |                          |           |              |
|------|--------|---------|--------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE   | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07   | LA     | 101,110 | 1.6, 23.7                | 24        | 35           |

CHANNES ANSERLIAN 6-10-13  
 REGISTERED ELECTRICAL ENGINEER DATE  
 7-22-13  
 PLANS APPROVAL DATE  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER  
 OHANNES ANSERLIAN  
 No. E16682  
 Exp. 6/30/14  
 ELECTRICAL  
 STATE OF CALIFORNIA



APPROVED FOR ELECTRICAL WORK ONLY

**ELECTRIC SERVICE  
 (IRRIGATION)**  
 SCALE: 1"=50'  
**E-1**

LAST REVISION DATE PLOTTED => 24-JUL-2013 05-15-13 TIME PLOTTED => 13:31





| Dist | COUNTY | ROUTE   | POST MILES<br>TOTAL PROJECT | SHEET<br>No. | TOTAL<br>SHEETS |
|------|--------|---------|-----------------------------|--------------|-----------------|
| 07   | LA     | 101,110 | 1.6, 23.7                   | 27           | 35              |

*Chambers O Anserlian* 6-10-13  
 REGISTERED ELECTRICAL ENGINEER DATE

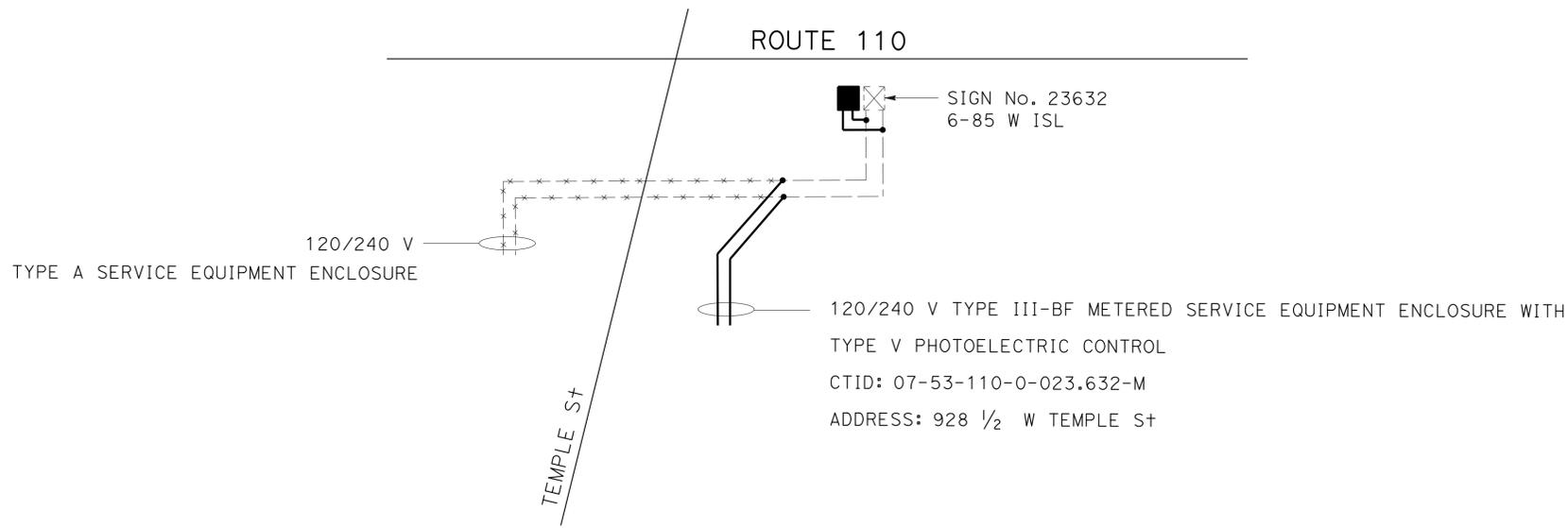
7-22-13  
 PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS  
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 THE ACCURACY OR COMPLETENESS OF SCANNED  
 COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER  
 OHANNES  
 ANSERLIAN  
 No. E16682  
 Exp. 6/30/14  
 ELECTRICAL  
 STATE OF CALIFORNIA

WIRING DIAGRAM LEGEND: (THIS SHEET ONLY)

- \*\*\*\*\* RC CONDUCTORS.
- EXISTING CONDUCTOR.
- SPLICE NEW TO EXISTING CONDUCTOR.
- #6 CONDUCTOR (SIGN).
- ⊗ RC FLUORESCENT LIGHTING FIXTURES.
- NEW ISL LIGHTING FIXTURE.



**(WIRING DIAGRAM)**

FOR SIGN LIGHTING PLAN, SEE SHEET E-3.

|  |                       |                        |                   |            |      |
|--|-----------------------|------------------------|-------------------|------------|------|
| STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | FUNCTIONAL SUPERVISOR | CALCULATED-DESIGNED BY | LIEN VO           | REVISOR BY | DATE |
| <b>Caltrans</b> TRAFFIC DESIGN                     | OSWALD ELIZONDO       | CHECKED BY             | OHANNES ANSERLIAN |            |      |



|      |        |         |                             |              |                 |
|------|--------|---------|-----------------------------|--------------|-----------------|
| Dist | COUNTY | ROUTE   | POST MILES<br>TOTAL PROJECT | SHEET<br>No. | TOTAL<br>SHEETS |
| 07   | LA     | 101,110 | 1.6, 23.7                   | 28           | 35              |

*Thomas O Anserlian* 6-10-13  
 REGISTERED ELECTRICAL ENGINEER DATE

7-22-13  
 PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS  
 OR AGENTS SHALL NOT BE RESPONSIBLE FOR  
 THE ACCURACY OR COMPLETENESS OF SCANNED  
 COPIES OF THIS PLAN SHEET.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** TRAFFIC DESIGN  
 FUNCTIONAL SUPERVISOR  
 OSWALD ELIZONDO  
 CALCULATED-DESIGNED BY  
 CHECKED BY  
 LIEN VO  
 OHANNES ANSERLIAN  
 REVISED BY  
 DATE REVISED

### ELECTRIC SERVICE (IRRIGATION)

| Sheet No | (N)<br>PB-5 | (N)<br>3"C | (N)<br>2"C | (N)<br>1"C | (N)<br>#6 | (N)<br>#10 | (N)<br>#8 (G) | (N)<br>ISL<br>LIGHTING<br>FIXTURES | (N)<br>Type III-BF<br>Enclosure | (N)<br>PB-6 |
|----------|-------------|------------|------------|------------|-----------|------------|---------------|------------------------------------|---------------------------------|-------------|
|          | (EA)        | (LF)       | (LF)       | (LF)       | (LF)      | (LF)       | (LF)          | (EA)                               | (EA)                            | (EA)        |
| E-1      | 3           | 30         | 20         | 50         | —         | 200        | 100           | —                                  | 1                               | —           |
| E-2      | 2           | 320        | 20         | 120        | 40        | 240        | 120           | —                                  | 1                               | 1           |
| E-3      | —           | —          | 50         | —          | 100       | —          | —             | 6                                  | —                               | —           |
| TOTAL    | 5           | 350        | 90         | 170        | 140       | 440        | 120           | 6                                  | 2                               | 1           |

(N) = NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

## ELECTRICAL QUANTITIES

### E-5

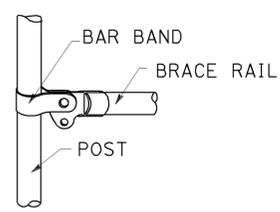
LAST REVISION | DATE PLOTTED => 24-JUL-2013  
 05-15-13 | TIME PLOTTED => 13:31



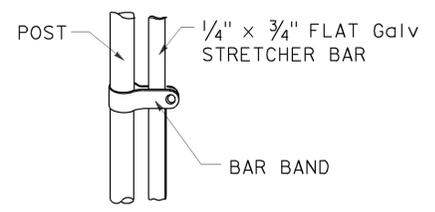
|      |        |         |                          |           |              |
|------|--------|---------|--------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE   | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07   | LA     | 101,110 | 1.6, 23.7                | 30        | 35           |

Glenn DeCou  
 REGISTERED CIVIL ENGINEER  
 October 19, 2012  
 PLANS APPROVAL DATE  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

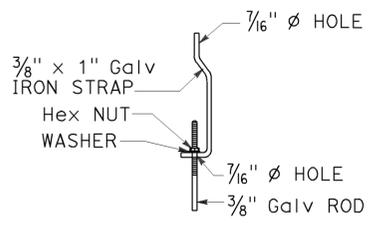
REGISTERED PROFESSIONAL ENGINEER  
 Glenn DeCou  
 No. C34547  
 Exp. 9-30-13  
 CIVIL  
 STATE OF CALIFORNIA



**BRACE RAIL**



**STRETCHER BAR**

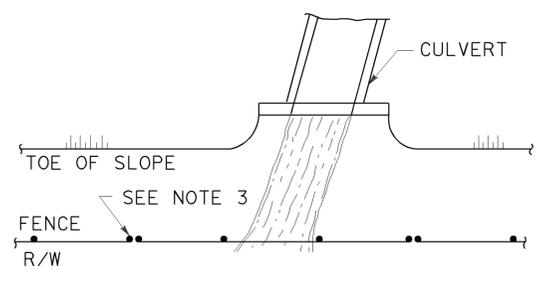


**TRUSS TIGHTENER**

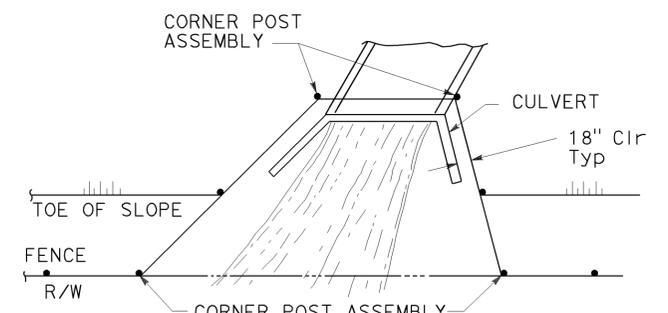
**NOTES:**

1. All material for abutment connection to be galvanized.
2. The chain link fabric shall be replaced by barbed wire strands at 12" maximum centers between the double posts.
3. When the width of the culvert makes it necessary to anchor a post to the top of the culvert, a cast iron shoe or other device approved by the Engineer shall be used.
4. Fencing over stream and around headwall may also use Barbed Wire or Wire Mesh fencing with either wood post or steel post installation.
5. See Standard Plan A85 for Chain Link fence dimensions. See Standard Plan A86 for Barbed Wire and Wire Mesh fence dimensions and for wood post and steel post installation.

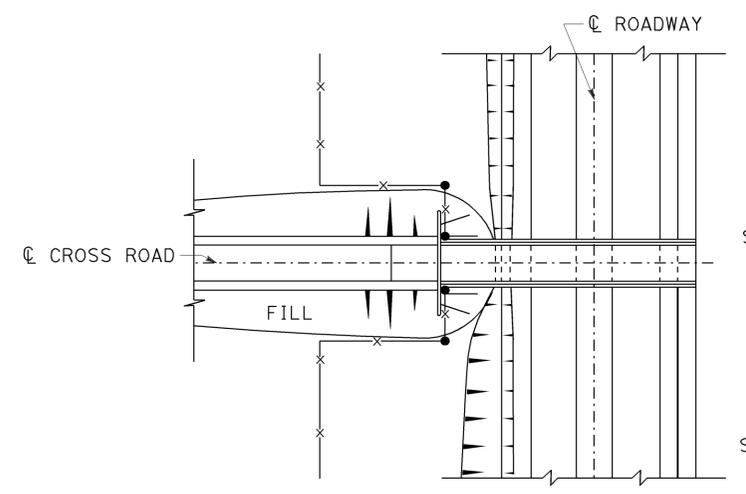
TO ACCOMPANY PLANS DATED 7-22-13



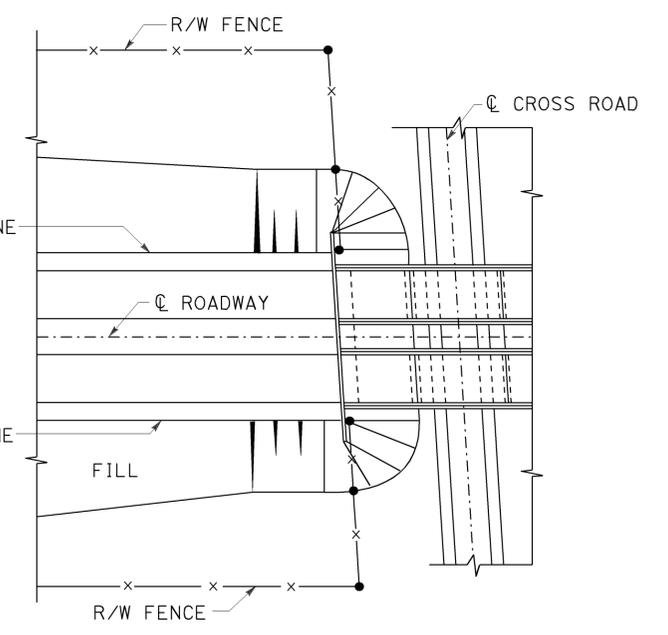
**PLAN**



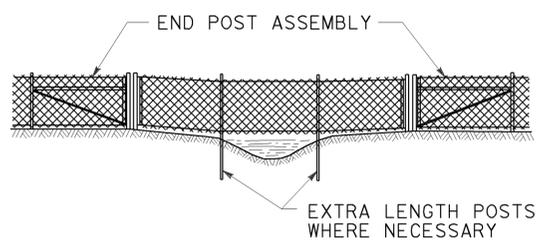
**PLAN**



**PLAN OF ROADWAY - OVERCROSSING**

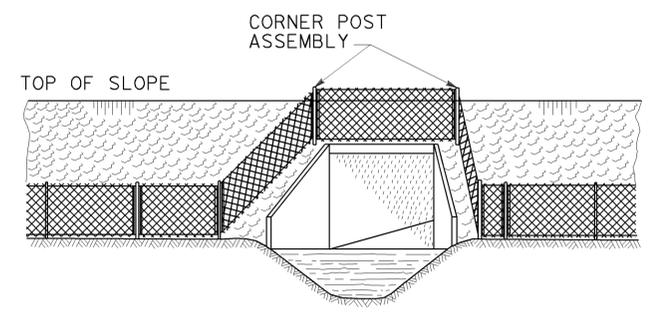


**PLAN OF ROADWAY - UNDERCROSSING**



**ELEVATION**

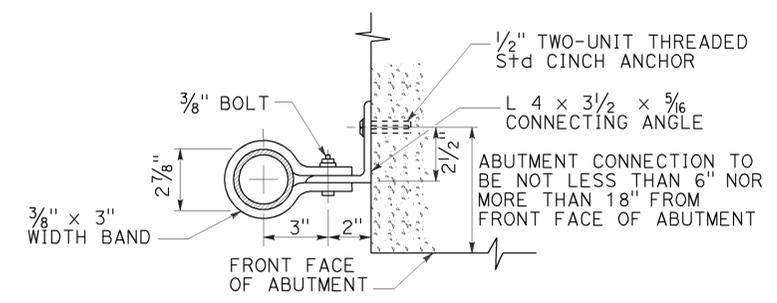
**INSTALLATION OVER STREAM**



**ELEVATION**

**INSTALLATION AROUND HEADWALL**

See Note 4



**ABUTMENT CONNECTION**

**TYPICAL INSTALLATION AT BRIDGES**

ABUTMENT CONNECTION TO BE NOT LESS THAN 6" NOR MORE THAN 18" FROM FRONT FACE OF ABUTMENT

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**CHAIN LINK FENCE DETAILS**

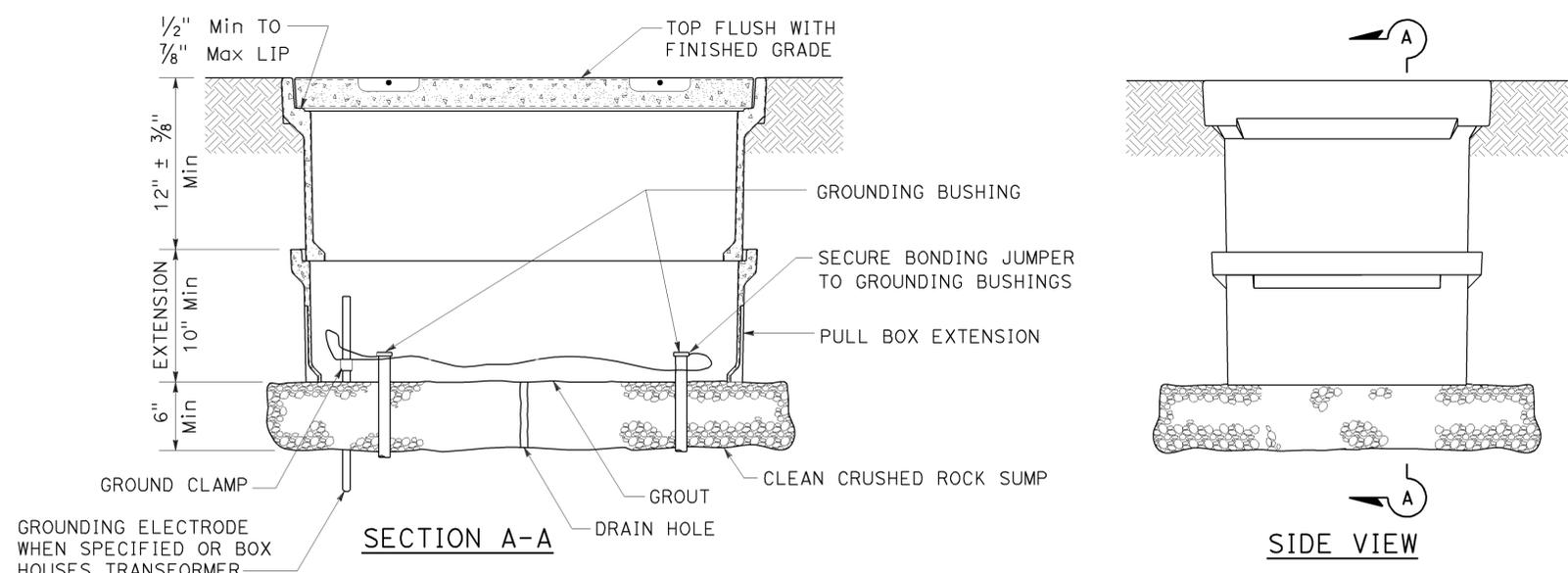
NO SCALE

RSP A85B DATED OCTOBER 19, 2012 SUPERSEDES STANDARD PLAN A85B DATED MAY 20, 2011 - PAGE 114 OF THE STANDARD PLANS BOOK DATED 2010.

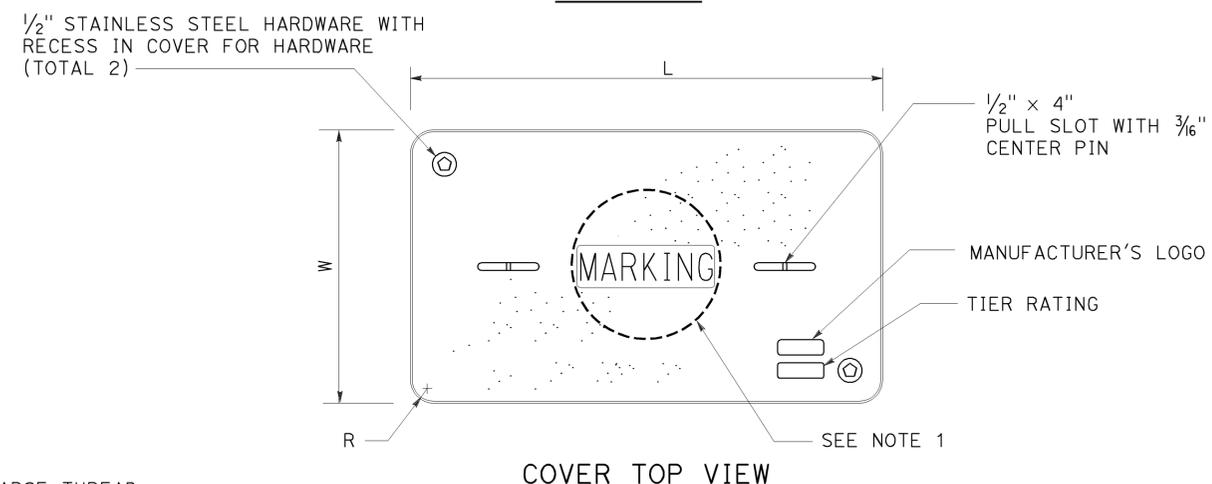
**REVISED STANDARD PLAN RSP A85B**

2010 REVISED STANDARD PLAN RSP A85B

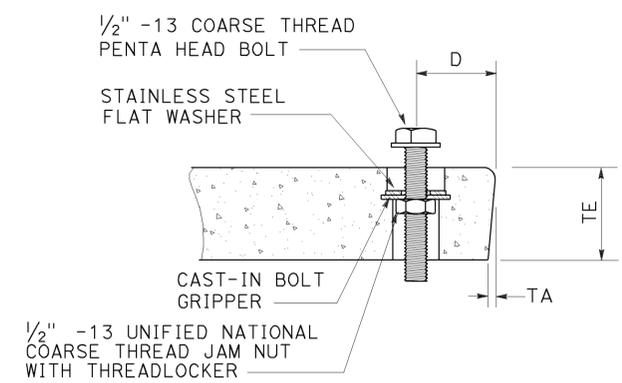
2010 REVISED STANDARD PLAN RSP ES-8A



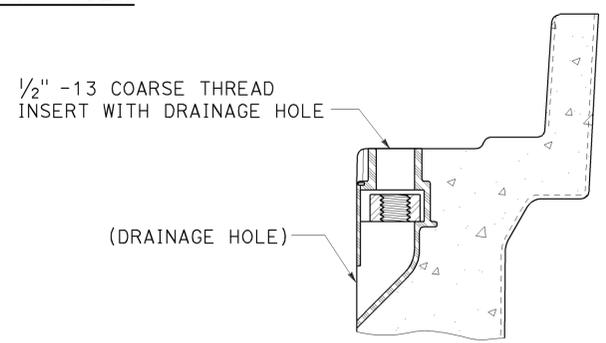
**INSTALLATION DETAILS**  
**DETAIL A**



**COVER TOP VIEW**



**TYPICAL COVER CAPTIVE BOLT**  
OR SIMILAR



**TYPICAL THREADED INSERT**  
OR SIMILAR

**NOTES ON PULL BOXES:**

- Pull box covers must be marked as follows: "SERVICE" Service circuits between service point and service disconnect; "SPRINKLER-CONTROL" sprinkler control circuits, 50 V or less; "CALTRANS" on all pull boxes, except pull boxes marked "SPRINKLER-CONTROL"; and "TELEPHONE" Telephone service;
  - No. 3/2 pull box.
    - "SIGNAL" - Traffic signal circuits with or without street or sign lighting circuits.
    - "ST LIGHTING" - Street or sign lighting circuits where voltage is under 600 V.
  - No. 5, 6, 9 or 9A pull box.
    - "TRAFFIC SIGNAL" - Traffic signal circuits with or without street or sign lighting circuits.
    - "STREET LIGHTING" - Street or sign lighting circuits where voltage is under 600 V.
    - "STREET LIGHTING-HIGH VOLTAGE" - Street or sign lighting circuits where voltage is above 600 V.
    - "IRRIGATION" - Circuits to irrigation controller 120 V or more.
    - "RAMP METER" - Ramp meter circuits.
    - "COUNT STATION" - Count or speed monitor circuits.
    - "COMMUNICATIONS" - Communication circuits.
    - "TOS COMMUNICATIONS" - TOS communication line.
    - "TOS POWER" - TOS power.
    - "TDC POWER" - Telephone demarcation cabinet power.
    - "CCTV" - Closed circuit television circuits.
    - "TMS" - Traffic monitoring station circuits.
    - "CMS" - Changeable message sign circuits.
    - "HAR" - Highway advisory radio circuits.
- The nominal dimensions of the opening in which the cover sets must be the same as the cover dimensions (L and W) plus 1/8" or greater.
- Covers and boxes must be interchangeable with California Standard. When interchanged with a standard, the top surfaces must be flush within 1/8". Top outside radius of covers and pull boxes must have a 1/8" radius.
- Pull box extension may be another pull box as long as the bottom edge of the pull box can fit into the cover opening.

TO ACCOMPANY PLANS DATED 7-22-13

| DIMENSION TABLE |                   |                         |                |              |             |        |    |      |        |                |
|-----------------|-------------------|-------------------------|----------------|--------------|-------------|--------|----|------|--------|----------------|
| PULL BOX        | PULL BOX          |                         |                | COVER        |             |        |    |      |        |                |
|                 | MINIMUM DEPTH BOX | MINIMUM DEPTH EXTENSION | MAXIMUM WEIGHT | L            | W           | R      | TE | TA   | D      | MAXIMUM WEIGHT |
| No. 3/2         | 12"               | N/A                     | 40 lb          | 1' - 3 3/8"  | 10 1/8"     | 1 3/8" | 2" | 1/8" | 1 3/4" | 30 lb          |
| No. 5           | 12"               | 10"                     | 55 lb          | 1' - 11 1/4" | 1' - 1 3/4" | 1 3/8" | 2" | 1/8" | 1 3/4" | 60 lb          |
| No. 6           | 12"               | 10"                     | 70 lb          | 2' - 6 1/2"  | 1' - 5 1/2" | 1 3/8" | 2" | 1/8" | 2"     | 85 lb          |

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**ELECTRICAL SYSTEMS**  
**(PULL BOX)**  
NO SCALE

RSP ES-8A DATED JANUARY 20, 2012 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2010.

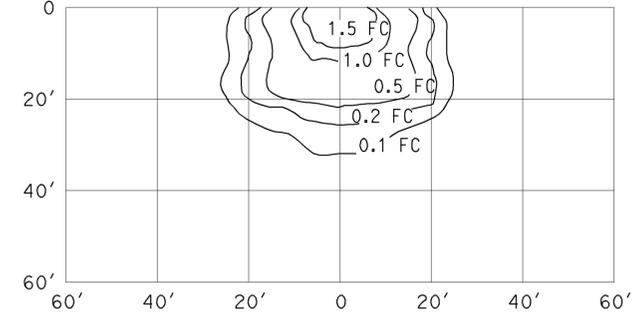
| DIST | COUNTY | ROUTE   | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|---------|--------------------------|-----------|--------------|
| 07   | LA     | 101,110 | 1.6, 23.7                | 32        | 35           |

Jeffrey G. McRae  
 REGISTERED ELECTRICAL ENGINEER  
 July 20, 2012  
 PLANS APPROVAL DATE  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER  
 Jeffrey G. McRae  
 No. E14512  
 Exp. 6-30-14  
 ELECTRICAL  
 STATE OF CALIFORNIA

TO ACCOMPANY PLANS DATED 7-22-13

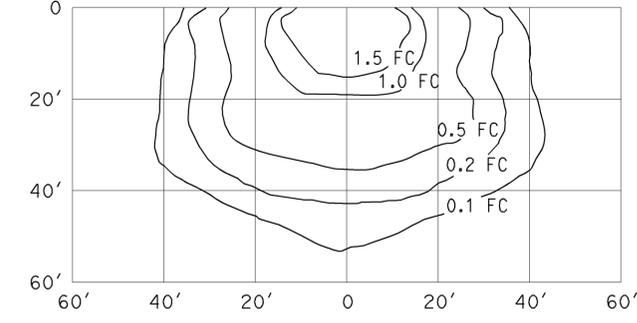
ISOFOOTCANDLE CURVE - MINIMUM



WALL LUMINAIRE

15' Mounting Height  
 Lamp operated at 5,800 lm  
 70-W high pressure sodium lamp  
 ANSI Designation S62

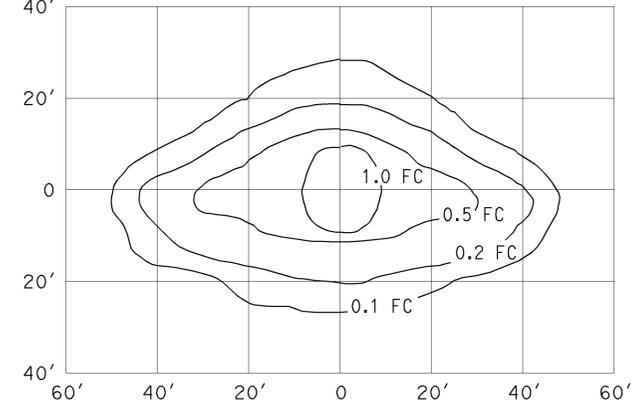
ISOFOOTCANDLE CURVE - MINIMUM



WALL LUMINAIRE

15' Mounting Height  
 Lamp operated at 9,500 lm  
 100-W high pressure sodium lamp  
 ANSI Designation S54

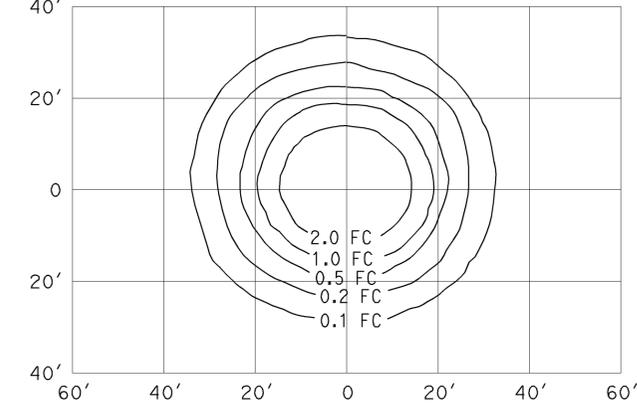
ISOFOOTCANDLE CURVE - MINIMUM



PENDANT SOFFIT LUMINAIRE  
 TYPE III SHORT

17' Mounting Height  
 Lamp operated at 5,800 lm  
 70-W high pressure sodium lamp  
 ANSI Designation S62

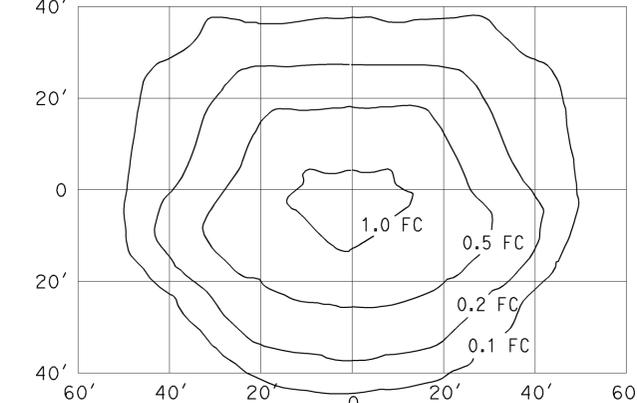
ISOFOOTCANDLE CURVE - MINIMUM



PENDANT SOFFIT LUMINAIRE

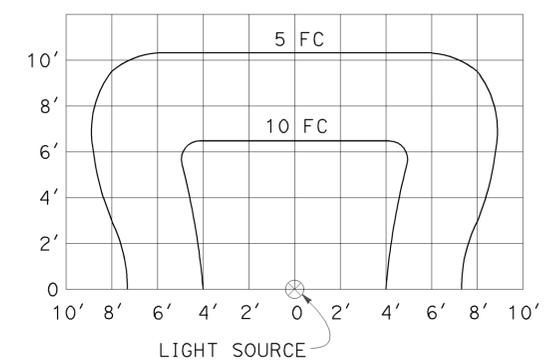
17' Mounting Height  
 Lamp operated at 5,800 lm  
 70-W high pressure sodium lamp  
 ANSI Designation S62

ISOFOOTCANDLE CURVE - MINIMUM



FLUSH SOFFIT LUMINAIRE

17' Mounting Height  
 Lamp operated at 5,800 lm  
 70-W high pressure sodium lamp  
 ANSI Designation S62



SIGN LIGHTING FIXTURE  
 ISOFOOTCANDLE DIAGRAM

**NOTES:**

- Curves represent the minimum footcandle (FC) of initial illumination on a 10'-0" x 20'-0" panel.
- The FC shown are with the fixture attached to the light fixture mounting channel which places the center of the source 4'-8" in front of panel and 1'-0" below the bottom edge.
- Applicable lamp: 85-W fluorescent phosphor coated induction lamp.

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION

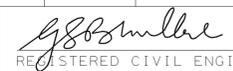
**ELECTRICAL SYSTEMS  
 (ISOFOOTCANDLE DIAGRAMS)**

NO SCALE

RSP ES-10B DATED JULY 20, 2012 SUPPLEMENTS THE  
 STANDARD PLANS BOOK DATED 2010.

2010 REVISED STANDARD PLAN RSP ES-10B

|      |        |         |                          |           |              |
|------|--------|---------|--------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE   | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07   | LA     | 101,110 | 1.6, 23.7                | 33        | 35           |

  
 REGISTERED CIVIL ENGINEER  
 April 19, 2013  
 PLANS APPROVAL DATE



THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

TO ACCOMPANY PLANS DATED 7-22-13

TABLE 1

| TAPER LENGTH CRITERIA AND CHANNELIZING DEVICE SPACING |  |           |              |              |                                     |         |          |
|---|--|-----------|--------------|--------------|-------------------------------------|---------|----------|
| SPEED (S)   | MINIMUM TAPER LENGTH * FOR WIDTH OF OFFSET 12 FEET (W) |           |              |              | MAXIMUM CHANNELIZING DEVICE SPACING |         |          |
|   | TANGENT 2L   | MERGING L | SHIFTING L/2 | SHOULDER L/3 | X                                   | Y       | Z **     |
|   |  |           |              |              | TAPER                               | TANGENT | CONFLICT |
| mph   | ft   | ft        | ft           | ft           | ft                                  | ft      | ft       |
| 20  | 160  | 80        | 40           | 27           | 20                                  | 40      | 10       |
| 25  | 250  | 125       | 63           | 42           | 25                                  | 50      | 12       |
| 30  | 360  | 180       | 90           | 60           | 30                                  | 60      | 15       |
| 35  | 490  | 245       | 123          | 82           | 35                                  | 70      | 17       |
| 40  | 640  | 320       | 160          | 107          | 40                                  | 80      | 20       |
| 45  | 1080   | 540       | 270          | 180          | 45                                  | 90      | 22       |
| 50  | 1200   | 600       | 300          | 200          | 50                                  | 100     | 25       |
| 55  | 1320   | 660       | 330          | 220          | 55                                  | 110     | 27       |
| 60  | 1440   | 720       | 360          | 240          | 60                                  | 120     | 30       |
| 65  | 1560   | 780       | 390          | 260          | 65                                  | 130     | 32       |
| 70  | 1680   | 840       | 420          | 280          | 70                                  | 140     | 35       |

\* - For other offsets, use the following merging taper length formula for L:  
 For speed of 40 mph or less,  $L = WS^2/60$   
 For speed of 45 mph or more,  $L = WS$

Where: L = Taper length in feet  
 W = Width of offset in feet  
 S = Posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

\*\* - Use for taper and tangent sections where there are no pavement markings or where there is a conflict between existing pavement markings and channelizers (CA).

TABLE 2

| LONGITUDINAL BUFFER SPACE AND FLAGGER STATION SPACING |          |                     |     |     |
|---|----------|---------------------|-----|-----|
| SPEED *   | Min D ** | DOWNGRADE Min D *** |     |     |
|   |          | -3%                 | -6% | -9% |
|   |          | ft                  | ft  | ft  |
| mph   | ft       | ft                  | ft  | ft  |
| 20  | 115      | 116                 | 120 | 126 |
| 25  | 155      | 158                 | 165 | 173 |
| 30  | 200      | 205                 | 215 | 227 |
| 35  | 250      | 257                 | 271 | 287 |
| 40  | 305      | 315                 | 333 | 354 |
| 45  | 360      | 378                 | 400 | 427 |
| 50  | 425      | 446                 | 474 | 507 |
| 55  | 495      | 520                 | 553 | 593 |
| 60  | 570      | 598                 | 638 | 686 |
| 65  | 645      | 682                 | 728 | 785 |
| 70  | 730      | 771                 | 825 | 891 |

\* - Speed is posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph  
 \*\* - Longitudinal buffer space or flagger station spacing  
 \*\*\* - Use on sustained downgrade steeper than -3 percent and longer than 1 mile.

TABLE 3

| ADVANCE WARNING SIGN SPACING       |                          |      |      |
|------------------------------------|--------------------------|------|------|
| ROAD TYPE                          | DISTANCE BETWEEN SIGNS * |      |      |
|                                    | A                        | B    | C    |
|                                    | ft                       | ft   | ft   |
| URBAN - 25 mph OR LESS             | 100                      | 100  | 100  |
| URBAN - MORE THAN 25 mph TO 40 mph | 250                      | 250  | 250  |
| URBAN - MORE THAN 40 mph           | 350                      | 350  | 350  |
| RURAL                              | 500                      | 500  | 500  |
| EXPRESSWAY / FREEWAY               | 1000                     | 1500 | 2640 |

\* - The distances are approximate, are intended for guidance purposes only, and should be applied with engineering judgment. These distances should be adjusted by the Engineer for field conditions, if necessary, by increasing or decreasing the recommended distances.

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL SYSTEM  
 FOR LANE CLOSURE ON  
 FREEWAYS AND EXPRESSWAYS**

NO SCALE

RSP T9 DATED APRIL 19, 2013 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2010.

**REVISED STANDARD PLAN RSP T9**

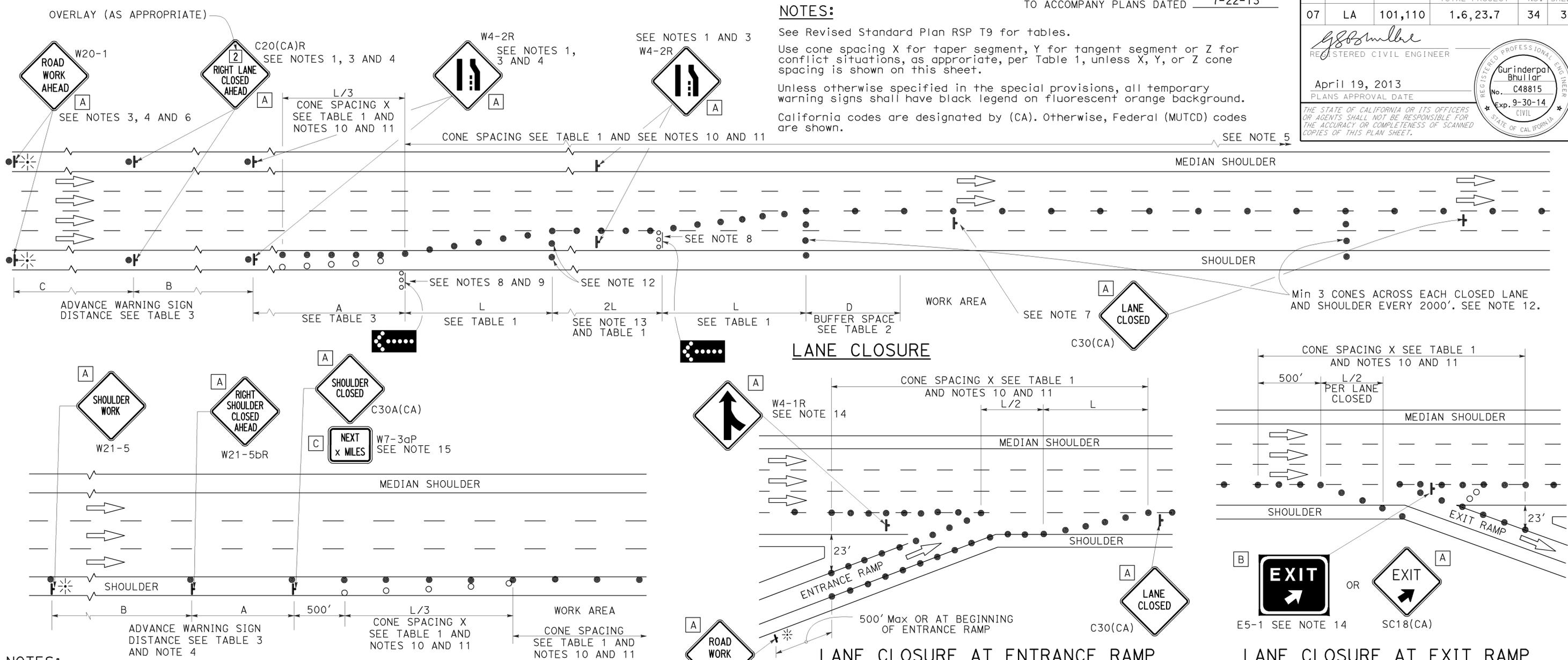
2010 REVISED STANDARD PLAN RSP T9

| DIST | COUNTY | ROUTE   | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|---------|--------------------------|-----------|--------------|
| 07   | LA     | 101,110 | 1.6, 23.7                | 34        | 35           |

REGISTERED CIVIL ENGINEER  
 April 19, 2013  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 Gurinderpal Bhullar  
 No. C48815  
 Exp. 9-30-14  
 CIVIL  
 STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



- NOTES:**
1. Median lane closures shall conform to the details as shown except that C20(CA)L and W4-2L signs shall be used.
  2. At least one person shall be assigned to provide full time maintenance of traffic control devices for lane closures.
  3. Duplicate sign installations are not required:
    - a) On opposite shoulder if at least one-half of the available lanes remain open to traffic.
    - b) In the median if the width of the median shoulder is less than 8' and the outside lanes are to be closed.
  4. Each advance warning sign on each side of the roadway shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
  5. A G20-2 "END ROAD WORK" sign, with minimum size of 48" x 24" as appropriate, shall be placed at the end of the lane closure unless the end of work area is obvious or ends within a larger project's limits.

- SHOULDER CLOSURE**
6. If the W20-1 sign would follow within 2000' of a stationary W20-1 or G20-1 "ROAD WORK NEXT \_\_\_\_\_ MILES", use a C20(CA)L and W4-2L signs shall be used.
  7. Place a C30(CA) sign every 2000' throughout length of lane closure.
  8. One flashing arrow sign for each lane closed. The flashing arrow signs shall be Type I.
  9. A minimum 1500' of sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at top of crest vertical curve or on a horizontal curve.
  10. All cones used for lane closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
  11. Portable delineators, placed at one-half the spacing indicated for traffic cones may be used instead of cones for daytime closures only.

- LANE CLOSURE AT ENTRANCE RAMP**
- LANE CLOSURE AT EXIT RAMP**
12. Unless otherwise specified in the special provisions, a minimum of 3 cones shall be placed transversely across each closed lane and shoulder at each location where a taper across a traffic lane ends and every 2000' as shown on the "Lane Closure" detail. Two Type II barricades may be used instead of the 3 cones. The transverse alignment of the cones or barricades on the closed shoulder may be shifted from the transverse alignment to provide access to the work.
  13. Unless otherwise specified in the special provisions, the 2L tangent shown along lane lines shall be used between the L tapers required for each closed traffic lane.
  14. Unless otherwise specified in the special provisions, the E5-1 or SC18(CA) and W4-1 signs shall be used as shown.
  15. A W7-3aP "NEXT \_\_\_\_\_ MILES" plaque must be used if the shoulder closure extends beyond the distance that can be perceived by road users.

**LEGEND**

- TRAFFIC CONE
- TRAFFIC CONE (OPTIONAL TAPER)
- † TEMPORARY TRAFFIC CONTROL SIGN
- FLASHING ARROW SIGN (FAS)
- FAS SUPPORT OR TRAILER
- ⚡ PORTABLE FLASHING BEACON

**SIGN PANEL SIZE (Min)**

|   |           |
|---|-----------|
| A | 48" x 48" |
| B | 72" x 60" |
| C | 36" x 30" |

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL SYSTEM  
 FOR LANE CLOSURE ON  
 FREEWAYS AND EXPRESSWAYS**

NO SCALE

RSP T10 DATED APRIL 19, 2013 SUPERSEDES STANDARD PLAN T10 DATED MAY 20, 2011 - PAGE 237 OF THE STANDARD PLANS BOOK DATED 2010.

**REVISED STANDARD PLAN RSP T10**

2010 REVISED STANDARD PLAN RSP T10

# TYPICAL RAMP CLOSURES

## SIGN PANEL SIZE (Min)

- A 48" x 48"
- B 48" x 30"
- C 36" x 36"
- D 48" x 36"

## LEGEND

- TRAFFIC CONE
- † TEMPORARY TRAFFIC CONTROL SIGN
- ‡ BARRICADES
- ⚡ PORTABLE FLASHING BEACON

|      |        |         |                          |           |              |
|------|--------|---------|--------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE   | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 07   | LA     | 101,110 | 1.6, 23.7                | 35        | 35           |

*Gurinderpal Bhullar*  
 REGISTERED CIVIL ENGINEER  
 April 19, 2013  
 PLANS APPROVAL DATE

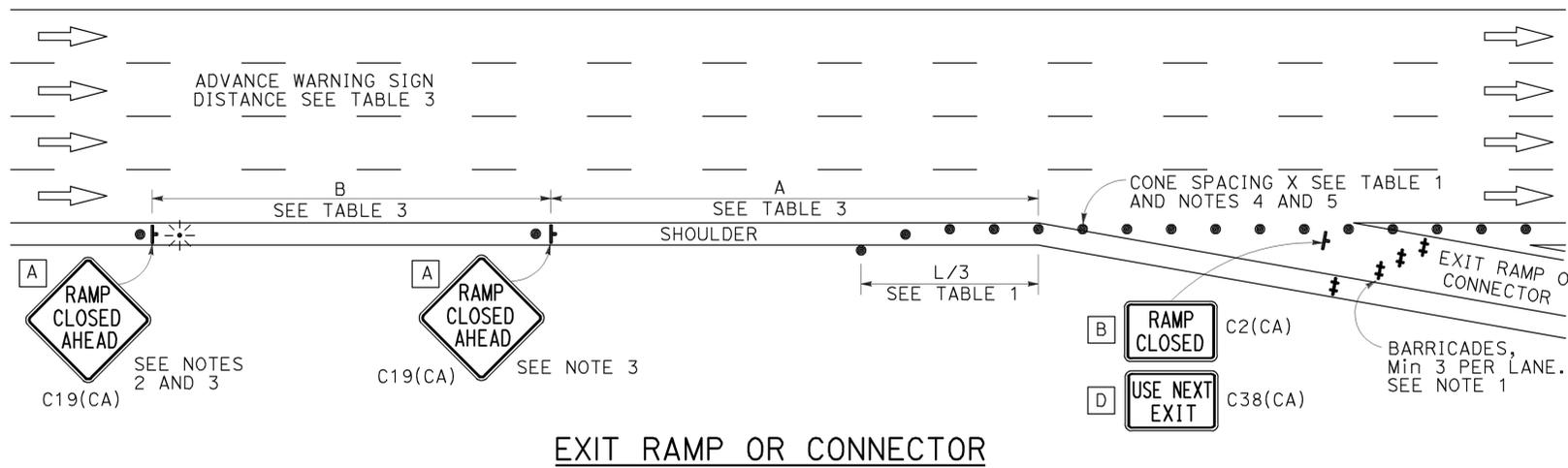
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REGISTERED PROFESSIONAL ENGINEER  
 Gurinderpal Bhullar  
 No. C48815  
 Exp. 9-30-14  
 CIVIL  
 STATE OF CALIFORNIA

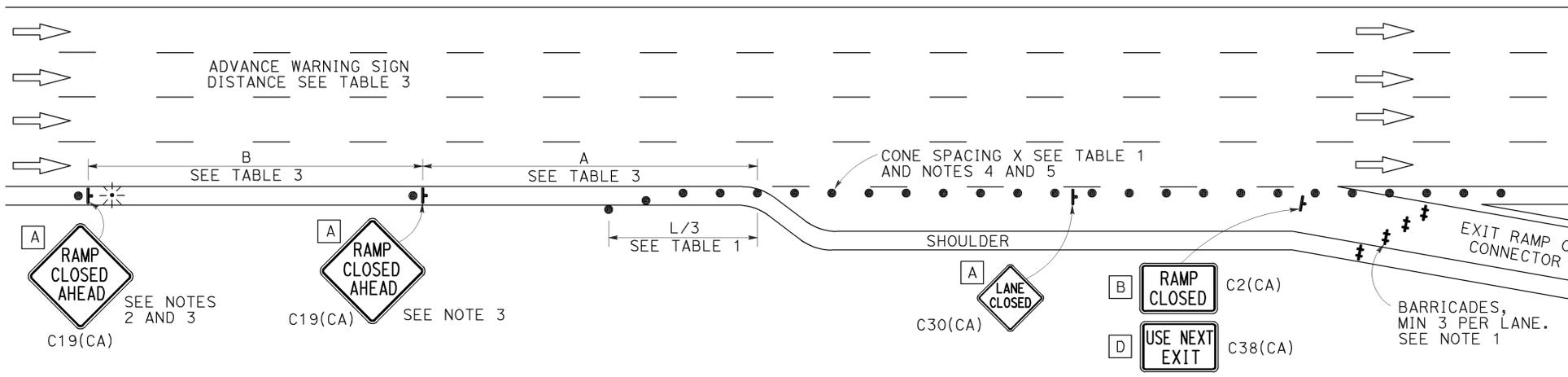
TO ACCOMPANY PLANS DATED 7-22-13

## NOTES:

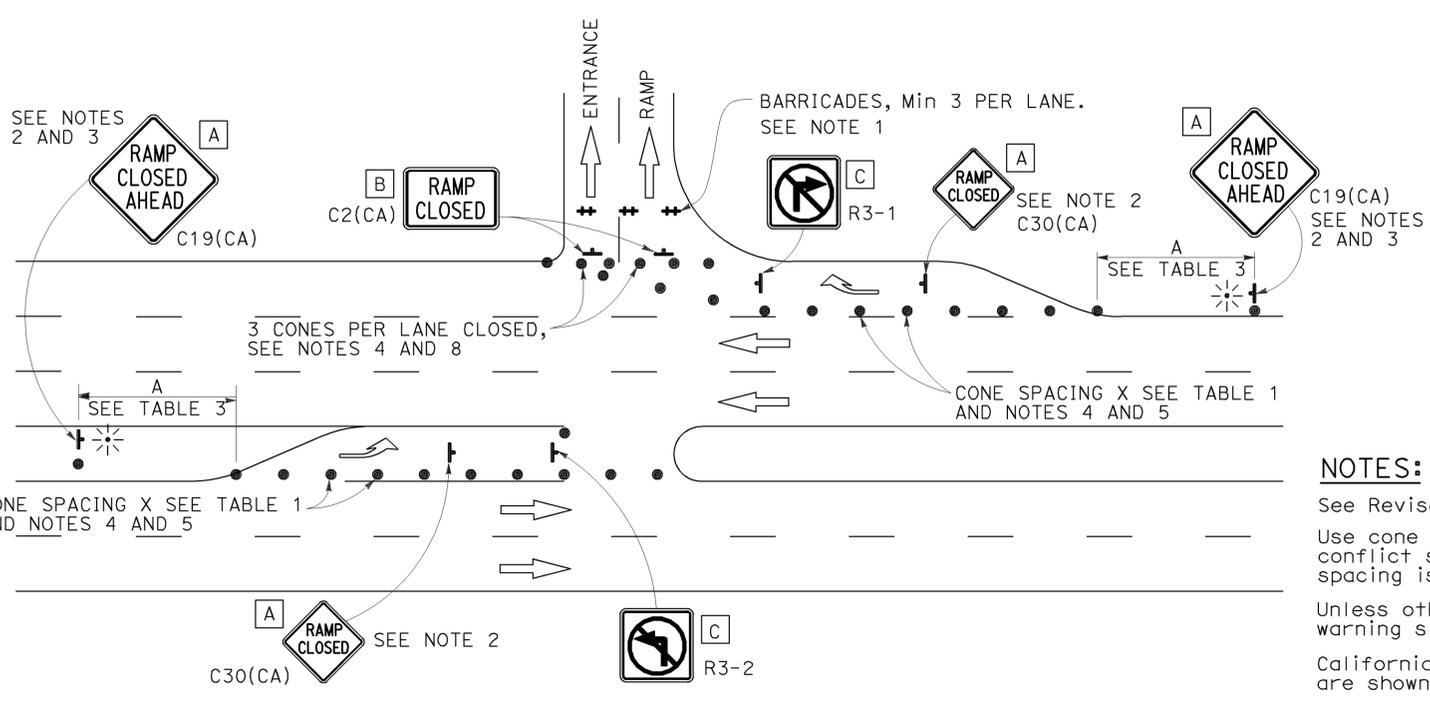
- Barricades shall be Type I, II, or III for closures lasting one week or less and Type III for closures lasting longer than one week.
- In addition to placing the C19(CA) "RAMP CLOSED AHEAD" and C30(CA) "RAMP CLOSED" signs, black on orange overlay plates with the word "CLOSED" may be mounted, as directed by the Engineer, on all guide signs that refer to the closed ramp. The letter size on the overlay shall be the same as the guide sign.
- Each advance C19(CA) "RAMP CLOSED AHEAD" sign shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. A flashing beacon shall be placed on top of the first C19(CA) sign during hours of darkness.
- All cones used for ramp closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
- Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime ramp closures only.
- At least one person shall be assigned to provide full time maintenance of traffic control devices, unless otherwise directed by the Engineer.
- The existing "EXIT" signs shall be covered during ramp closures.
- A minimum of 3 cones shall be placed transversely across each closed lane and shoulder.



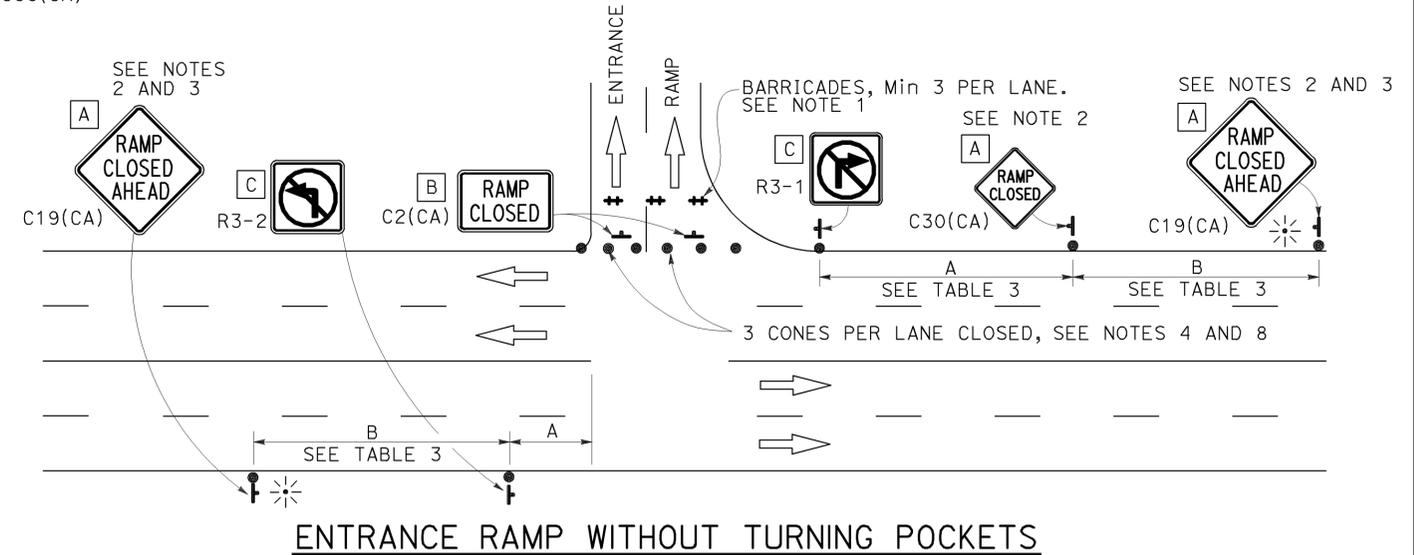
EXIT RAMP OR CONNECTOR



EXIT RAMP OR CONNECTOR WITH ADDITIONAL LANE



ENTRANCE RAMP WITH TURNING POCKETS



ENTRANCE RAMP WITHOUT TURNING POCKETS

## NOTES:

- See Revised Standard Plan RSP T9 for tables.
- Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.
- Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on fluorescent orange background.
- California codes are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL SYSTEM  
 FOR RAMP CLOSURE**  
 NO SCALE

RSP T14 DATED APRIL 19, 2013 SUPERSEDES STANDARD PLAN T14  
 DATED MAY 20, 2011 - PAGE 242 OF THE STANDARD PLANS BOOK DATED 2010.

**REVISED STANDARD PLAN RSP T14**

2010 REVISED STANDARD PLAN RSP T14