SUPERSEDES EXAMPLE RELEASED 7/29/09

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. 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.

PROJECT SIGN SHEETS, RELEASED 5/4/2012

NOTE: ← TEXT: FT=3, TX=8.75, WT=2, LV=23, Upper Case, Underlined

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

Where right of way is shown on a sign plan sheet, include the above note. The right of way note has been slightly reworded. Use this new wording on all plan view sheets where right of way is shown. Do not use the words "AND ACCESS" any longer within the right of way note.

Typically, the right of way note is placed in the upper left corner of the sheet. See subsection titled "Right of Way" in section 2-1.1 of this manual for instructions regarding indeterminate right of way.

The cell for the right of way note is in the Caltrans Cell Library (CTCELLIB.cel) AC=NOTE2

Text size for the right of way note is:
FT=3, TX=7, WT=1, LV=23, Upper Case
(TX=7 is based on the Caltrans scale of 1" = 50')

Use a solid line to depict right of way shown on a plan view sheet.

The cells for roadside signs available in the Caltrans Cell Library (CTCELLIB.cel) are:

SGN1P, SGN2P — New one or two post signs

SGN3P, SGN4P — Hollow filled--used for work on existing signs (usually a new panel or adding to a panel)

SGNATT — Sign attached to electrolier, signal standard, or sign structure post using strap and saddle bracket method

AC=NOTE4 through AC=NOTE31 and AC=NOTE35 through AC=NOTE37 in the Caltrans Cell Library (CTCELLIB.cel) are available for use to specify the different types of work in the statement "APPROVED FOR....."

When roadside signs or overhead signs are shown on pavement delineation plan sheets or sign plan sheets use one of the following statements:

NOTE11 - APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY
SHEET NAME: PAVEMENT DELINEATION AND SIGN PLAN
SHEET ID CODE: PD-XX

NOTE12 - APPROVED FOR SIGN WORK ONLY
SHEET NAME: SIGN PLAN
SHEET ID CODE: S-XX

Use this statement (AC=NOTE12) on the sign plan view sheets when only proposed signing work is shown on the sheet. Place statement as shown, center bottom of the sheet. Do not place a period at the end of this statement. Do not include it under NOTES:

TEXT: FT=3, TX=8.75, WT=2, LV=10, SLANT=20°, Upper Case

GENERAL:

- Sign panels for permanent signs (whether roadside or overhead), installed or constructed as part of project construction work, are in most instances, contractor furnished. In the past, sign panels for permanent signs installed or constructed as part of project construction work, were state furnished.
- Furnishing each sign panel is paid for by square foot area of panel. Installation of the sign panel is a separate cost.
- More information needs to be provided to the winning contractor (than in the past) so that the sign panels are manufactured to the quality and standards expected by Caltrans. The bidders also need enough information about the panel in order to get an accurate cost of sign panels from the manufacturer.
- The individual project sign number must be shown on the sign plan sheets. Schematics of standardized sign panels on plan view sheets are not to be shown. Schematics of special designed sign panels (usually guide signs) can be a benefit to the bidders and contractors when shown on the sign plan sheets.

See "Generic Project Border Sheet" for basic border sheet information not shown on this sheet.

SIGN PLANS:

- Sign plans provide a visual representation in plan view aspect of the final project roadside signs and overhead signs.
- The roadbed must be shown on the sign plan sheets. Only topographic information that is pertinent to the sign plan sheet should be shown. The right of way may be shown when placement of signs are near the right of way line.
- If no signing work is to be performed within the corresponding limits of a project plan layout sheet (road work items), do not include a sign plan sheet for that area. The number of sign plan sheets may not be the same as the number of project plan layout sheets.
- Each roadside sign or overhead sign structure must be assigned an individual project sign number (alpha/numeric designation) enclosed in a distinct geometric shape, typically an oblong for a roadside sign. The Caltrans preferred way of identifying a roadside sign is to use the letter "S" (which stands for sign) and the plan sheet number as a prefix before a hyphen and a number that represents each sign shown on that specific sheet.
- ROADSIDE SIGNS: S3-15

  Example: The sign number(s) for roadside signs on the first plan view sheet showing proposed sign work would be S1-1, S1-2, S1-3, etc. The sign numbers for roadside signs that are displayed on the second plan view sheet would be S2-1, S2-2, S2-3, etc. This preferred method of identifying roadside signs is to be used on all plan view sheets showing proposed sign work and must be consistent with the sign identification shown on the sign detail and quantity sheets.

  There are 3 cells in the Caltrans Cell Library (CTCELLIB.cel) for use with roadside signs. There are 3 different size oblongs, with masking, that can accommodate roadside sign numbers for lengths of 4 to 6 characters. The 3 cells are: SIGN4S, SIGN5S and SIGN6S.
- OVERHEAD SIGNS: DS-244

  A different sign number (alpha/numeric designation) enclosed in a distinct geometric shape (typically an oval) is to be used to represent overhead sign structures so they can easily be distinguished from roadside signs. The cell in the Caltrans Cell Library (CTCELLIB.cel) to label overhead signs is AC=OHSIGN. Each district may number overhead sign structures by two basic methods, either inventory number (based on electrical service provided) or by the plan sheet number/sign number. Check with each district's traffic sign unit.

  If inventory numbering or electrical service point numbering is not used to identify overhead sign structures, the overhead sign numbering is to follow the same logic used for roadside sign numbering.

  Example 1: The method for designating overhead sign structure numbers (based on the plan sheet number/sign number) is OS1-1, OS1-2, OS1-3, etc. on the first plan view sheet. On the second plan view sheet it would be OS2-1, OS2-2, OS2-3, etc. The "OS" stands for overhead sign structure, while the number to the left of the hyphen represents the plan sheet number. The number to the right of the hyphen represents the sign number on that specific sheet.

  Example 2: A method for designating overhead sign structure numbers for inventory purposes (based on electrical service provided per county) is AS-191, AS-192, AS-193, etc. The "AS" represents a county, while the number is a specific service point connection. The sign designation can either contain a hyphen or not.

SIGN DETAILS:

- The same information (sign/installation order) previously furnished to a sign manufacturer for "state furnished signs" must now be included in the project plans for "contractor furnished signs." The details sent to a sign manufacturer for sign panels are to be dimensioned in inches only. See Section 2-2.18 of the PPM for more detailed information necessary to be included for contractor furnished signs.
- The winning contractor will need all the controlling dimensions (letter sizes, spacing, type of font, etc.) in order to construct the panels. This information is in addition to the overall size of the panels that bidders need to determine their bids.
- Dimensions that show how an overhead sign is mounted to a pole are to be in feet. Panel dimensions should not be duplicated. Identify the detail with the sign number and stationing.

SIGN QUANTITIES:

- The table for sign quantities summarizes sign facilities which are to be constructed, installed, removed, reset, modified, reconstructed, or salvaged as shown on the sign plans. See Section 2-2.18 of the PPM for more detailed information necessary to be included in the summary of sign quantities.
- There should be separate quantity tables for roadway signs, overhead sign structures and sign panels. If a particular sign number appears in more than one quantity table, avoid duplicating information except for identifying the plan sheet and sign number.

  Sign panel information may, as an option, be included with roadside signs quantities or overhead sign quantities if all the information can clearly be shown on one table.
- Where all of the sign quantities can be shown in a table on one quantity sheet, quantity totals for each bid item must appear at the bottom of the table.
- Where more than one sheet is necessary to show sign quantities, the total for each bid item is to appear at the bottom of the table on each individual sheet. The totals for the bid items must be identified as "SHEET TOTAL." Sheet totals for each bid item must appear on the last sheet of the sign summary of quantities and must be totaled and shown as "GRAND TOTAL" or "TOTAL."

Use appropriate SHEET NAME AND ID CODE for the work shown. See CADD Users Manual Section 2.1

FT=43, TX=14.5, WT=0, LV=10, Upper Case
Use "Center Center" justification

Text may be reduced to a minimum of TX=12 where space constraints are involved.

For text sizes see CADD Users Manual Section 2.6

PROJECT SIGN SHEETS, BASIC REQUIRED INFORMATION

APPROVED FOR SIGN WORK ONLY

Use appropriate plotting scale for the plan view sheets, see "SCALES" in Section 2-1.3 of the PPM.

Use a colon after the word "SCALE"

FT=3, TX=8.75, WT=2, LV=10, Upper Case
Use "Center Center" justification

SIGN PLAN

SCALE: 1" = 50'

S-XX

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY | FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 00-00-00 | DATE PLOTTED => 27-APR-2012 | TIME PLOTTED => 13:25