SUPERSEDES EXAMPLE RELEASED 8/31/09

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	52, 125			

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.

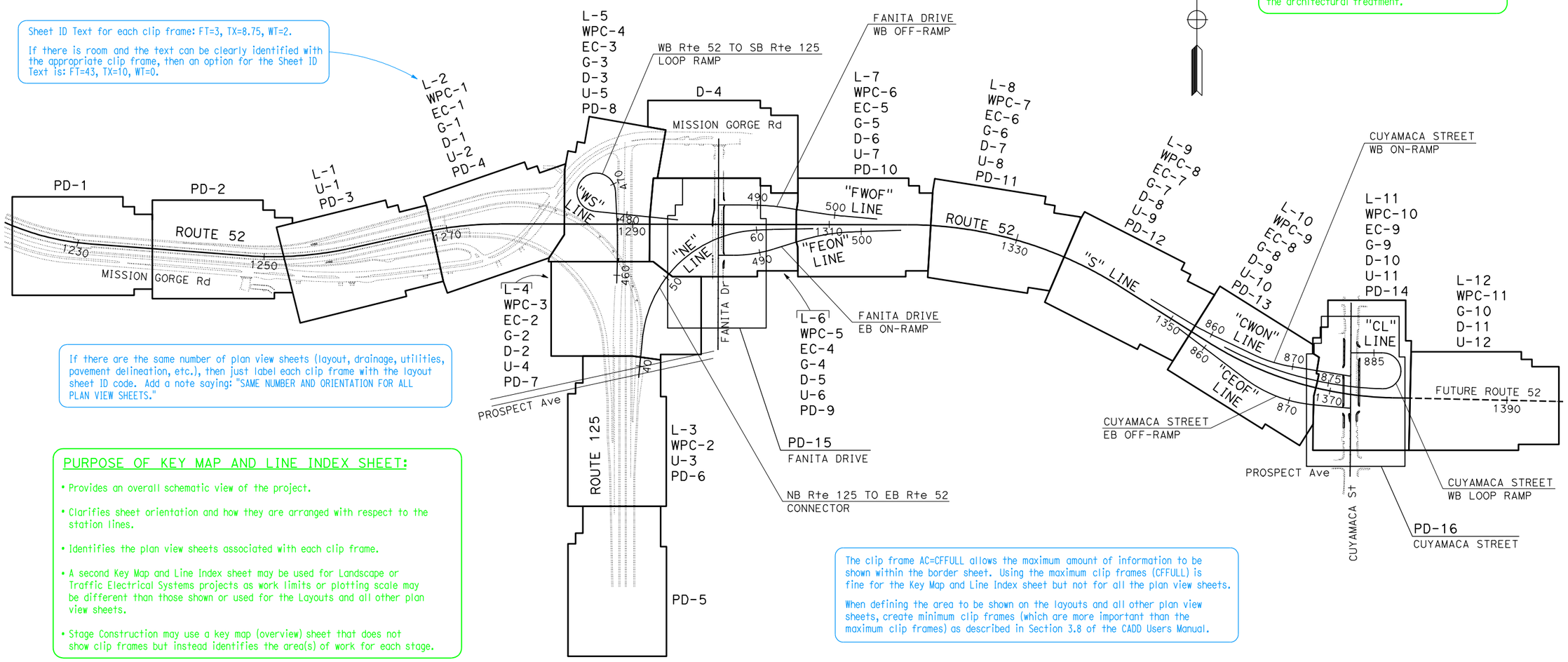
DEVELOPING KEY MAP SHEET:

- Use clip frame from Caltrans Cell Library (CTCELLIB.cel) AC=CFFULL
  - -Trim clip frames at match line.
  - -Clip frames may overlap when there is no match line or when there is work on routes that cross each other.
- Each clip frame can identify multiple plan view sheets, but only one of each plan view type. (The only exception being Demolition sheets.) For example, a single clip frame cannot be L-1, L-9 and L-27. Label each clip frame with all the various plan view sheets associated with it, using the project sheet ID codes (e.g., L-1, D-1, U-1, PD-1, S-1, etc.). A project may or may not have the same number of layout sheets as other types of plan view sheets. On these projects, a particular type of work (e.g., drainage) may not necessarily be performed within the limits of an individual clip frame. For instance, if drainage work does not occur within the limits of clip frames L-1 and L-2 but starts at L-3 then the sheet ID codes for the third clip frame would be L-3, D-1, etc.
- Place sheet ID codes outside of the clip frame, so as not to interfere with station lines and route designation. Stack the various sheet ID codes above or below the clip frame (be consistent as possible).
- If there is not enough room to clearly place the sheet ID codes above or below the clip frame, then bracket the codes and use an arc with an arrow (or a tilde) to point to the appropriate clip frame.
- Show gaps between clip frames if work is not continuous on the alignment lines shown.
- If the alignment line and number of the clip frames are too long to fit within the full plan border sheet in one row, it can be stacked in multiple rows and match lines used.
- Use a single line to represent the alignment of each highway, road, ramp, etc. It is not necessary to show the width of the roadways (perhaps just some background topo). As an option, the title sheet strip map alignment may be used to produce the alignment lines for this sheet. Stationing of alignment lines should be shown and labeled at 1000 feet, 2000 feet, or 5000 feet, depending on the size of the project. Identify stationing at intervals of 50, 20 or 10 stations, as applicable to the project.
- Identify route numbers and the streets or roads intersecting the route or routes where construction is to take place.
- Key Map and Line Index sheets are at "NO SCALE."

Identifying architectural treatment for multiple walls can be handled with a key map (overview) sheet. Clip frame are not necessary, only the strip map showing the locations of all the sound walls, retaining walls, and abutments receiving the architectural treatment.

Sheet ID Text for each clip frame: FT=3, TX=8.75, WT=2.

If there is room and the text can be clearly identified with the appropriate clip frame, then an option for the Sheet ID Text is: FT=43, TX=10, WT=0.



If there are the same number of plan view sheets (layout, drainage, utilities, pavement delineation, etc.), then just label each clip frame with the layout sheet ID code. Add a note saying: "SAME NUMBER AND ORIENTATION FOR ALL PLAN VIEW SHEETS."

PURPOSE OF KEY MAP AND LINE INDEX SHEET:

- Provides an overall schematic view of the project.
- Clarifies sheet orientation and how they are arranged with respect to the station lines.
- Identifies the plan view sheets associated with each clip frame.
- A second Key Map and Line Index sheet may be used for Landscape or Traffic Electrical Systems projects as work limits or plotting scale may be different than those shown or used for the Layouts and all other plan view sheets.
- Stage Construction may use a key map (overview) sheet that does not show clip frames but instead identifies the area(s) of work for each stage.

The clip frame AC=CFFULL allows the maximum amount of information to be shown within the border sheet. Using the maximum clip frames (CFFULL) is fine for the Key Map and Line Index sheet but not for all the plan view sheets.

When defining the area to be shown on the layouts and all other plan view sheets, create minimum clip frames (which are more important than the maximum clip frames) as described in Section 3.8 of the CADD Users Manual.

KEY MAP AND LINE INDEX SHEET, EXAMPLE "A"
DIFFERENT NUMBER OF PLAN VIEW TYPE SHEETS

KEY MAP AND LINE INDEX

NO SCALE

K-1

KEY MAP AND LINE INDEX SHEET, EXAMPLE "A" RELEASED 5/4/2012

LAST REVISION 00-00-00 | DATE PLOTTED => 27-APR-2012 | TIME PLOTTED => 13:04

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

FUNCTIONAL SUPERVISOR | CALCULATED-DESIGNED BY | CHECKED BY | REVISED BY | DATE REVISED