

**CHECK LIST FOR CONSULTANTS'
GEOMETRIC SIGNING AND STRIPING PLANS**

Revision Date: June 14, 2012

I. GEOMETRIC SIGNING AND STRIPING PLAN FORMAT

1. All plans shall be prepared on a 2 feet by 3 feet size sheet with a minimum of 1" margin. (A sample BASE plan will be provided).
2. Scale shall be 1" = 40'.
3. All plans shall have the following signature blocks: Consultant's signature block and Traffic and Lighting Division signature block (see sample BASE plan provided).

The signature block for signing and striping plan for an improvement to an existing roadway should include the following:

For in house design: SUBMITTED and APPROVED.

For consultant design: REVIEWED and APPROVED.

The signature block for signing and striping plan for a new roadway construction and locations with shared jurisdictions (city or state) should include the following:

For in house design: SUBMITTED, RECOMMENDED, and APPROVED.

For consultant design: REVIEWED, RECOMMENDED, and APPROVED.

4. Title block must include the following: Project name and limits, project ID #, sheet # (e.g. 1 of 2, etc.), drawing scale, and G.D. #. The title block should read "LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS, TRAFFIC AND LIGHTING DIVISION" with "SIGNING AND STRIPING PLAN" Title below it in the box for location reference (see Attachment A).
5. All plans shall be stamped by a registered Professional Civil Engineer with a valid California registration. *Registered Traffic Engineer is not acceptable.*
6. North arrow shall point up or to the left.
7. General notes shall be at upper right side of plan. (see Attachment B).
8. Revisions Block shall be placed at the lower left side of plan. (see sample BASE plan provided).

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9. Thomas Guide map page number and coordinates shall be placed in the lower-left margin. (see sample BASE plan provided)
10. All existing and proposed signs, curb ramps, curb markings and paved driveways, curb ramps, shall be shown. Show reference locations for any proposed signs and curb markings.
11. All existing striping shall be shown as a thin dashed line and all proposed striping as a thick solid line. Conflicting striping and/or markings should not be shown.
12. Lane dimensions shall be shown at 300 foot intervals, at each end of lane or pavement transitions, match lines and join locations. Also, show length of auxiliary lanes, reverse tapers, parabolic flares, transition etc.
13. All curb lines (proposed or existing) to include raised medians curb lines or edge of pavement of the roadway from the beginning to the end of the project on the base plan shall be shown as dashed line. Include cross streets (at least 50 feet of each leg).
14. Denote signalized intersections with the appropriate T.S. # (boxed)
15. Jurisdictional boundaries, center lines, alleys, raised medians (shown as curb lines) shall be shown including 100 feet of roadway with existing striping details beyond project limits (showing join points).
16. Right-of-Way lines, gutters, grade breaks, sidewalks and parkways are not required.
17. Limit line shall be installed at a minimum of four feet behind the curb extension or edge of traveled way. In case of intersections with curb ramps, the limit line will be placed behind the landing area, but in no case greater than 30 feet back from curb extension or edge of traveled way.

II. PLAN RESEARCH

Information regarding existing traffic signals or signing and striping plans may be available in one or more of the following ways:

1. Traffic Design Section of Traffic and Lighting Division of the County of Los Angeles Department of Public Works.

2. Respective City or State of California Department of Transportation (Caltrans) records when applicable.

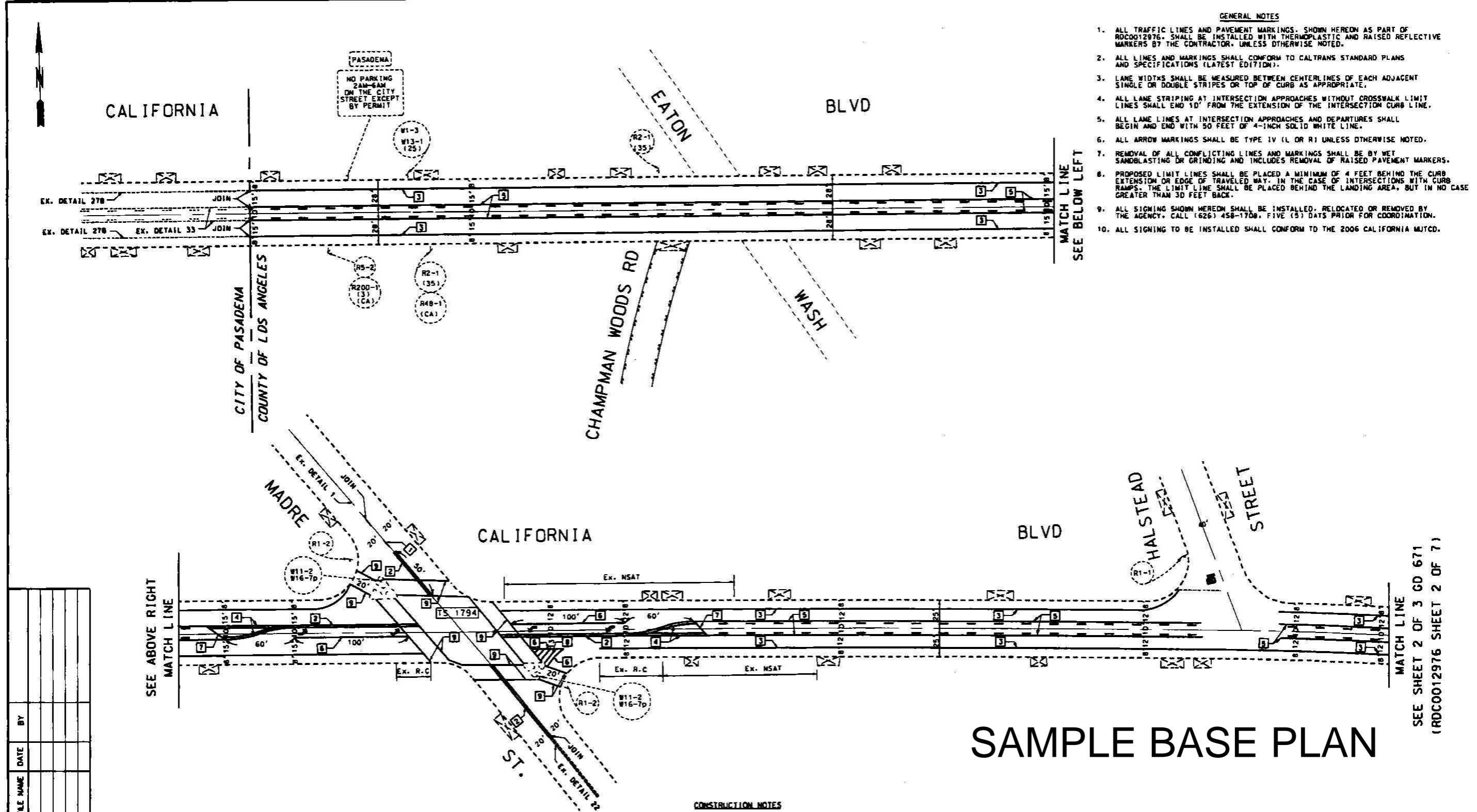
These records are primarily for review *only*. Exact inventory and locations of traffic signal equipment or signing and striping details shall be the responsibility of the consultant.

III. SCOPE OF WORK AND FIELD PICK UP

Adequate field review of project locations and limits is essential to providing the best design for the project. Proper field pick up and evaluation of field deficiencies are necessary to provide a complete and reliable project scope, helping to minimize unnecessary change orders and delays.

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- GENERAL NOTES**
1. ALL TRAFFIC LINES AND PAVEMENT MARKINGS, SHOWN HEREON AS PART OF RDC0012976, SHALL BE INSTALLED WITH THERMOPLASTIC AND RAISED REFLECTIVE MARKERS BY THE CONTRACTOR, UNLESS OTHERWISE NOTED.
 2. ALL LINES AND MARKINGS SHALL CONFORM TO CALTRANS STANDARD PLANS AND SPECIFICATIONS (LATEST EDITION).
 3. LANE WIDTHS SHALL BE MEASURED BETWEEN CENTERLINES OF EACH ADJACENT SINGLE OR DOUBLE STRIPES OR TOP OF CURB AS APPROPRIATE.
 4. ALL LANE STRIPING AT INTERSECTION APPROACHES WITHOUT CROSSWALK LIMIT LINES SHALL END 10' FROM THE EXTENSION OF THE INTERSECTION CURB LINE.
 5. ALL LANE LINES AT INTERSECTION APPROACHES AND DEPARTURES SHALL BEGIN AND END WITH 50 FEET OF 4-INCH SOLID WHITE LINE.
 6. ALL ARROW MARKINGS SHALL BE TYPE IV (L OR R) UNLESS OTHERWISE NOTED.
 7. REMOVAL OF ALL CONFLICTING LINES AND MARKINGS SHALL BE BY WET SANDBLASTING OR GRINDING AND INCLUDES REMOVAL OF RAISED PAVEMENT MARKERS.
 8. PROPOSED LIMIT LINES SHALL BE PLACED A MINIMUM OF 4 FEET BEHIND THE CURB EXTENSION OR EDGE OF TRAVELED WAY. IN THE CASE OF INTERSECTIONS WITH CURB RAMPS, THE LIMIT LINE SHALL BE PLACED BEHIND THE LANDING AREA, BUT IN NO CASE GREATER THAN 30 FEET BACK.
 9. ALL SIGNING SHOWN HEREON SHALL BE INSTALLED, RELOCATED OR REMOVED BY THE AGENCY. CALL (626) 458-1704, FIVE (5) DAYS PRIOR FOR COORDINATION.
 10. ALL SIGNING TO BE INSTALLED SHALL CONFORM TO THE 2006 CALIFORNIA MUTCD.

- CONSTRUCTION NOTES**
1. INSTALL DETAIL 1.
 2. INSTALL DETAIL 22.
 3. INSTALL DETAIL 27B.
 4. INSTALL DETAIL 29.
 5. INSTALL DETAIL 32.
 6. INSTALL DETAIL 38.
 7. INSTALL 4" YELLOW DIAGONAL LINE.
 8. INSTALL 4" WHITE DIAGONAL LINE @ 4' SPACING.
 9. INSTALL 12" WHITE LINE.



SUBMITTED CIVIL ENGINEERING NO. C58621		LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS TRAFFIC AND LIGHTING DIVISION SIGNING AND STRIPING PLAN CALIFORNIA BLVD. 400' W/O EATON WASH TO MICHELLINDA BLVD
BY: _____	DATE: _____	
RECOMMENDED		RDC0012976 SHEET 1 OF 3 SCALE: 1"=40' GD 671
BY: _____	DATE: _____	
APPROVED GEO. FANBERG, DIRECTOR OF PUBLIC WORKS		RDC0012976 SHT 1 OF 7 PLAN SP
BY: _____	DATE: _____	

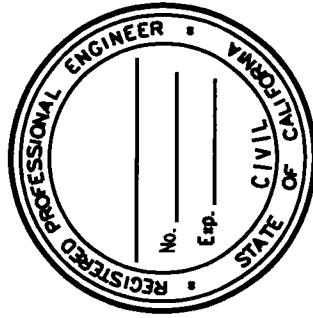
PROJECT	CAD FILE NAME	DATE	BY
DESIGNED BY T. LE / K. MALA			
CHECKED BY H. QUACH			
REVIEWED BY H. QUACH			

TG 566-G6

SEE ABOVE RIGHT
MATCH LINE
SEE SHEET 2 OF 3 GD 671
(RDC0012976 SHEET 2 OF 7)

SAMPLE BASE PLAN

Attachment A



REVIEWED: BY: _____ DATE: _____ RECOMMENDED: BY: _____ DATE: _____ APPROVED: GAIL FARBER, DIRECTOR OF PUBLIC WORKS BY: _____ ASSISTANT DEPUTY DIRECTOR DATE: _____	LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS TRAFFIC AND LIGHTING DIVISION SIGNING AND STRIPING PLAN ARTERIAL LIMITS
	PROJECT ID # _____ SHT. X OF X _____ SCALE: 1" = 40' G.D. XXXX

SUBMITTED _____ DESIGN ENGINEER	DATE: _____
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ATTACHMENT B
GENERAL NOTES FOR GEOMETRIC DESIGN PLAN

1. ALL TRAFFIC LINES AND PAVEMENT MARKINGS SHOWN HEREON AS PART OF PROJECT ID # SHALL BE INSTALLED WITH (TAPE, PAINT, OR THERMOPLASTIC) BY THE CONTRACTOR, UNLESS OTHERWISE NOTED.
2. ALL LINES AND MARKINGS SHALL CONFORM TO CALTRANS STANDARD PLANS AND SPECIFICATIONS (LATEST EDITION).
3. REMOVAL OF ALL CONFLICTING LINES AND MARKINGS SHALL BE BY WET SANDBLASTING AND INCLUDES REMOVAL OF RAISED PAVEMENT MARKERS.
4. ALL ARROW MARKINGS SHALL BE TYPE IV (L OR R) UNLESS OTHERWISE NOTED.
5. SEE TRAFFIC SIGNAL PLAN FOR THE LOCATION OF CROSSWALKS AT SIGNALIZED INTERSECTIONS.
6. ALL LANE STRIPING AT INTERSECTION APPROACHES WITHOUT CROSSWALKS SHALL END 10 FEET FROM THE EXTENSION OF THE INTERSECTING CURB LINE.
7. ALL LANE LINES AT INTERSECTION APPROACHES AND DEPARTURES SHALL BEGIN AND END WITH 50 FEET OF 4-INCH SOLID WHITE LINE.
8. LANE WIDTHS SHALL BE MEASURED BETWEEN THE CENTER LINES OF EACH ADJACENT SINGLE OR DOUBLE STRIPE OR TOP OF CURB AS APPROPRIATE.
9. ALL SIGNING SHOWN HEREON (EXCEPT FOR MAST ARM STREET NAME SIGNS) SHALL BE INSTALLED, RELOCATED, OR REMOVED BY THE LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS. CALL (626) 458-1708 48 HOURS PRIOR FOR COORDINATION.