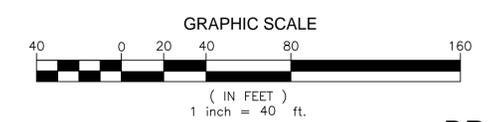
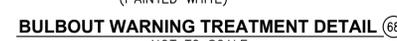
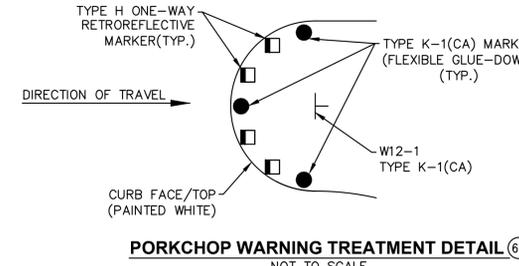
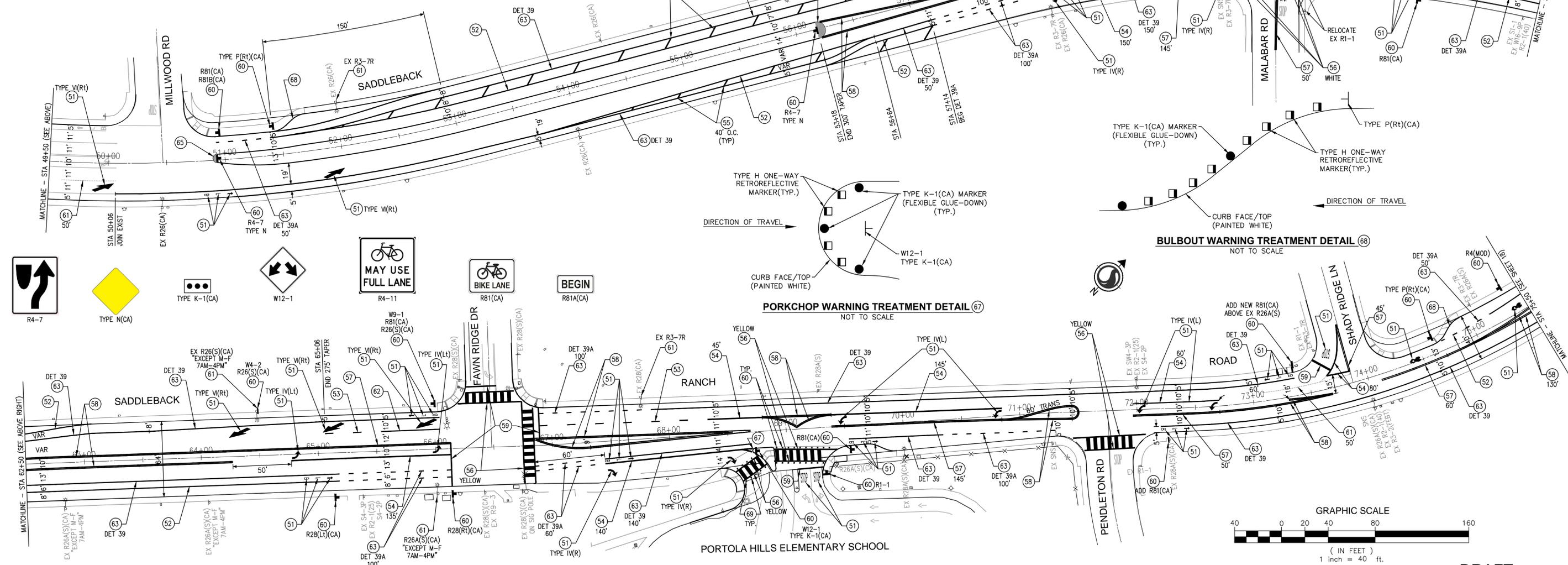
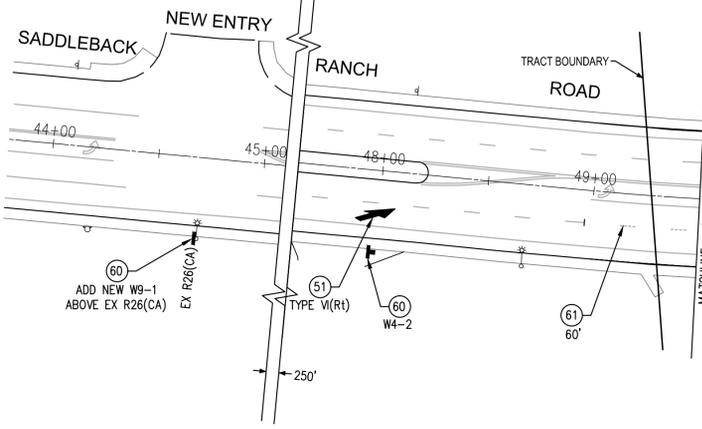


**SIGNING & STRIPING GENERAL NOTES**

- CONTRACTOR SHALL INSTALL SIGNING AND STRIPING IN ACCORDANCE WITH THE APPROVED PLAN.
- TRAFFIC STRIPES, PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS SHALL BE MANUFACTURED AND INSTALLED PER CALTRANS PUBLICATION CA-MUTCD LATEST REVISION, CALTRANS STANDARD PLANS AND CALTRANS STANDARD SPECIFICATIONS, LATEST EDITIONS ADOPTED BY THE ORANGE COUNTY BOARD OF SUPERVISORS.
- ALL SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE NOTED ON PLANS. SIGNS SHALL BE INSTALLED ON SQUARE PERFORATED STEEL TUBE POSTS WITH BREAKAWAY BASES PER SP 1417, UNLESS OTHERWISE NOTED ON THE PLAN.
- ALL STRIPES, SIGNS AND PAVEMENT MARKINGS SHALL BE REFLECTORIZED.
- STENCILS FOR PAVEMENT MARKINGS SHALL MATCH ORANGE COUNTY STANDARD STENCILS EXACTLY. ALL STRIPING AND MARKING DETAILS SHALL MATCH CALTRANS STANDARD PLAN DETAILS.
- ALL CONFLICTING STRIPES AND PAVEMENT MARKINGS SHALL BE REMOVED BY SANDBLASTING. CONFLICTING SIGNS AND RAISED PAVEMENT MARKERS SHALL BE REMOVED. ALL REMOVALS OF SIGNS AND MARKINGS SHALL BE THE RESPONSIBILITY OF THE DEVELOPER OR APPLICANT.
- NEW APPLICATIONS OF PAINT SHALL BE APPLIED IN TWO (2) EQUAL THICKNESS TOTALING THE MINIMUM WET THICKNESS INDICATED IN STANDARD SPECIFICATION SECTION 310-5.6.5, "TRAFFIC STRIPES AND MARKINGS", AND SHALL INCLUDE 50% OF THE REQUIRED BEADS WITH EACH APPLICATION WHEN APPLIED TO NEW ASPHALT PAVEMENT. PAINT SHALL HAVE A MINIMUM SEVEN DAY PERIOD BETWEEN APPLICATIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- ALL REMOVED SIGNS SHALL BE SALVAGED AND DELIVERED TO THE COUNTY YARD AS DIRECTED BY THE COUNTY INSPECTOR ON THE JOB SITE.
- RAISED PAVEMENT MARKERS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE STRIPING DETAILS SHOWN ON THE SIGNING AND STRIPING PLAN. INSTALLATION SHALL BE COMPLETED WITHIN SEVEN WORKING DAYS OF ROADWAY STRIPING.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE MUNICIPAL CODE ADOPTED BY THE CITY OF LAKE FOREST AND ANY SPECIAL REQUIREMENTS OF THE PERMIT.
- THE DEVELOPER/CONTRACTOR SHALL KEEP A COPY OF THE CURRENT ORANGE COUNTY PUBLIC FACILITY & RESOURCES DEPARTMENT (PF&RD) STANDARD PLANS ON THE CONSTRUCTION SITE AT ALL TIMES.
- THE DEVELOPER/CONTRACTOR SHALL NOTIFY THE CITY OF LAKE FOREST'S PUBLIC WORKS OBSERVER AT (949) 461-3494 AT LEAST TWO WORKING DAYS (MINIMUM OF 48 HOURS) PRIOR TO STARTING CONSTRUCTION WORK WHICH REQUIRES PUBLIC WORKS INSPECTION.
- A CITY OF LAKE FOREST ENCROACHMENT PERMIT SHALL BE REQUIRED TO PERFORM WORK WITHIN THE PUBLIC RIGHT-OF-WAY. CITY APPROVED PLANS DO NOT RELIEVE THE CONTRACTOR AND/OR DEVELOPER FROM RESPONSIBILITY TO OBTAIN AN ENCROACHMENT PERMIT. A COPY OF THE PERMIT SHALL BE KEPT ON THE CONSTRUCTION SITE AT ALL TIMES.
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- PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL STREET PAVEMENT, STRIPING AND PAVEMENT MARKINGS WITHIN THE PERIMETER OF THE CONSTRUCTION PROJECT WILL BE RESTORED TO A LIKE NEW CONDITION, AND IN A MANNER MEETING THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS/CITY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH PF&RD STANDARD PLAN NO. 1801, NOTE 17.
- SHARROWS SHALL BE INSTALLED 5 FEET, MINIMUM FROM NEAREST CURB FACE.

**SIGNING AND STRIPING CONSTRUCTION NOTES**

- INSTALL WHITE PAVEMENT LEGENDS AS SHOWN.
- INSTALL 4" SOLID WHITE RIGHT EDGLINE. (DETAIL 27B)
- INSTALL 4" SKIP WHITE LANE LINE. (DETAIL 9)
- INSTALL 8" SOLID WHITE CHANNELIZING LINE. (DETAIL 38)
- INSTALL 12" WHITE DIAGONALS.
- INSTALL CROSSWALK (WHITE OR YELLOW AS INDICATED).
- INSTALL DOUBLE YELLOW. (DETAIL 22)
- INSTALL PAINTED MEDIAN. (DETAIL 29)
- INSTALL 12" SOLID WHITE STOPBAR.
- INSTALL SIGN PER DESIGNATION. SEE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, (CALTRANS) "UNIFORM SIGN CHART".
- REMOVE SANDBLAST PAINT TO BE REMOVED. ALL CONFLICTING STRIPING AND SIGNS SHALL BE REMOVED.
- INSTALL 50 FT. 4" WHITE LANE LINE.
- INSTALL 6" WHITE BIKE LANE LINE. (DETAIL 39 OR 39A)
- INSTALL TWO-WAY LEFT TURN LANE. (DETAIL 32)
- INSTALL YELLOW PAINT ON MEDIAN END.
- INSTALL RED CURB.
- INSTALL PORKCHOP WARNING TREATMENT PER DETAIL THIS SHEET.
- INSTALL BULBOUT WARNING TREATMENT PER DETAIL THIS SHEET.
- INSTALL TYPE H ONE-WAY RETROREFLECTIVE YELLOW MARKERS AT 5' O.C..



PLANS PREPARED BY:  
**Stantec**  
 38 TECHNOLOGY DRIVE, SUITE 100  
 IRVINE, CA 92618  
 949.923.6000 stantec.com

UNDER THE SUPERVISION OF:  
 FENG XU RCE 80744 DATE

PROJ MGR:	RG	DATE	03/11/15
DESIGNER:	RS	DATE	03/11/15
DRAFTER:	RS	DATE	03/11/15
CHECKED BY:	JX	DATE	03/11/15

APPROVED FOR CONSTRUCTION IN PUBLIC RIGHT-OF-WAY ONLY			
DATE			
THOMAS WHEELER, P.E.	PUBLIC WORKS DIRECTOR / CITY ENGINEER		
CITY OF LAKE FOREST		PUBLIC WORKS DEPARTMENT	
SADDLEBACK RANCH ROAD		SHEET 17 OF 30	

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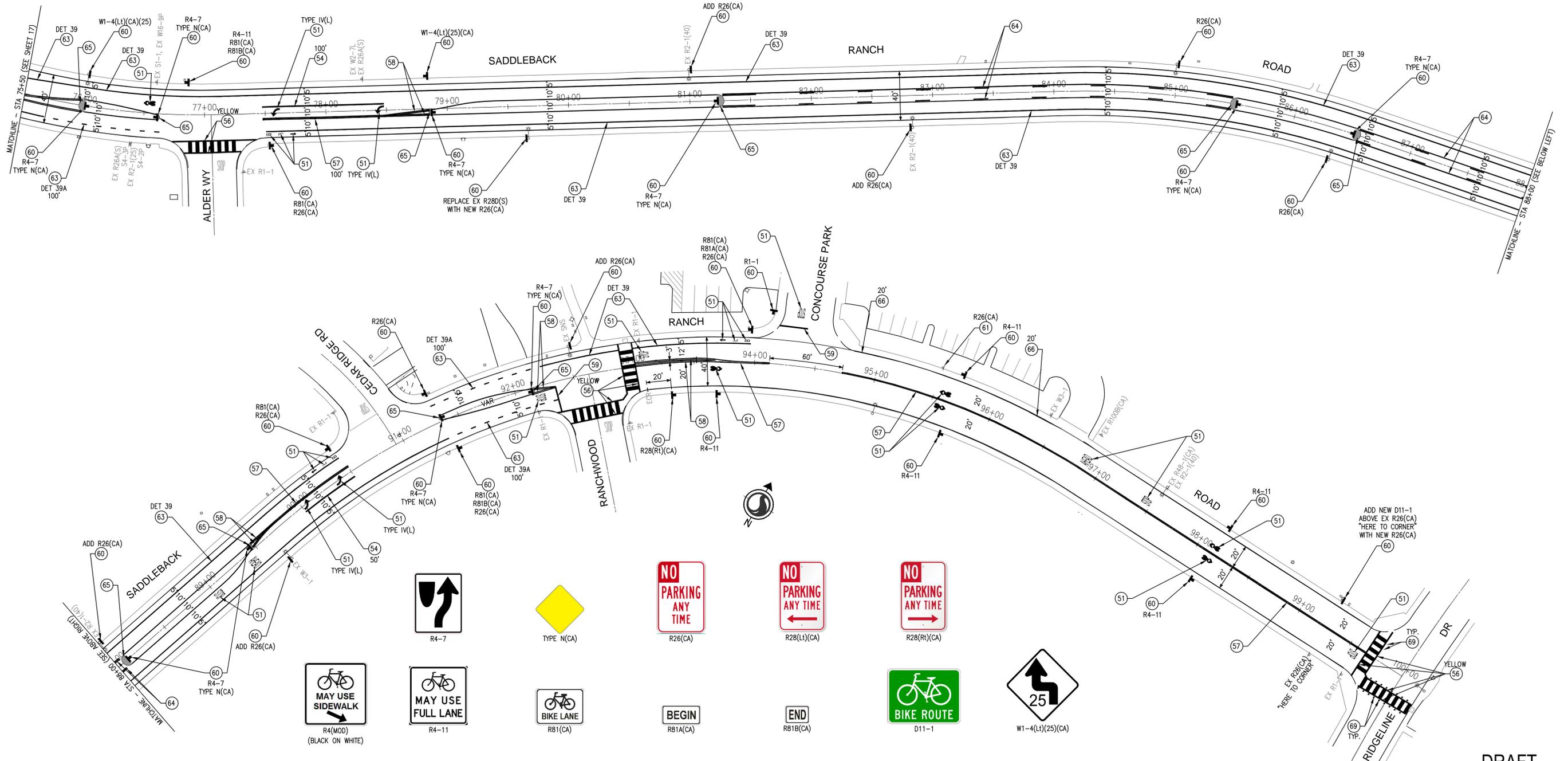
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- INSTALL TYPE H ONE-WAY RETROREFLECTIVE YELLOW MARKERS AT 5' O.C..



R4-7

R4-11

R81(CA)

R26(CA)

R28(L)(CA)

R28(R)(CA)

R4(MOD)  
(BLACK ON WHITE)

R4-11

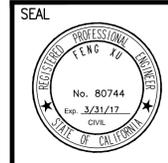
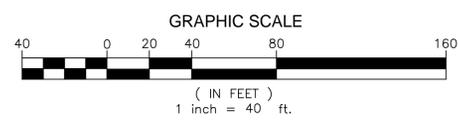
R81(CA)

R81A(CA)

R81B(CA)

D11-1

W1-4(L)(25)(CA)



PLANS PREPARED BY:  
**Stantec**  
 38 TECHNOLOGY DRIVE, SUITE 100  
 IRVINE, CA 92618  
 949.923.6000 stantec.com

UNDER THE SUPERVISION OF:  
 FENG XU RCE 80744 DATE

PROJ MGR:	RG	DATE	03/11/15
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THOMAS WHEELER, P.E.  
 PUBLIC WORKS DIRECTOR /  
 CITY ENGINEER

**DRAFT**

SADDLEBACK RANCH ROAD

CITY OF LAKE FOREST  
 PUBLIC WORKS DEPARTMENT

SHEET 18 OF 30