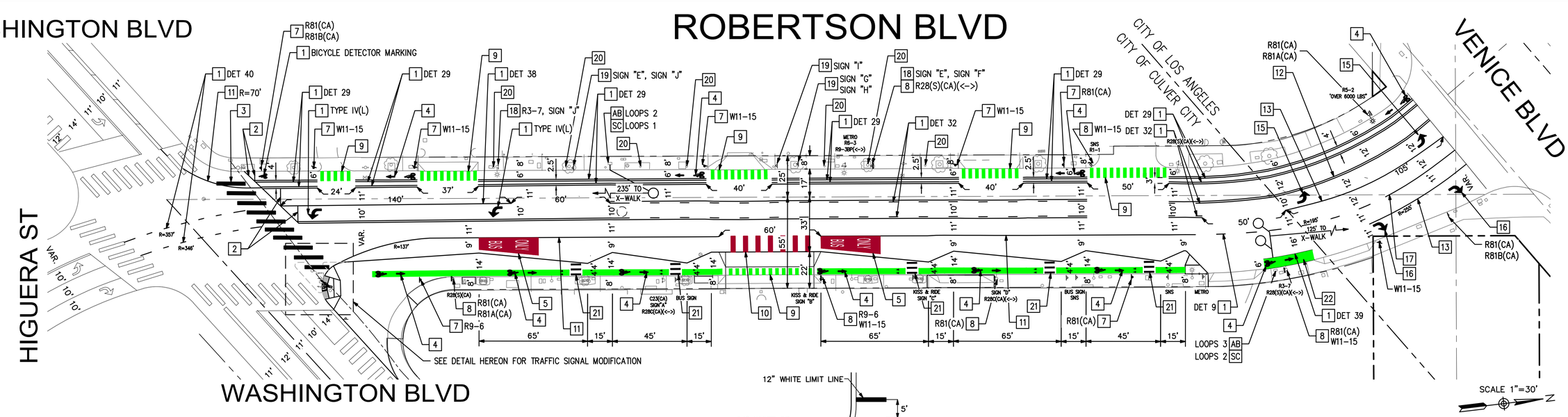


SCALE 1"=30'

90% SUBMITTAL NOT FOR CONSTRUCTION

SIGNING AND STRIPING GENERAL NOTES:

1. ALL MATERIAL AND WORK SHALL CONFORM TO THE MOST RECENT VERSION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CALIFORNIA MUTCD), 2015 STANDARD PLANS AND STANDARD SPECIFICATIONS OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION, FHWA STANADARD HIGHWAY SIGNS, CALIFORNIA SIGN SPECIFICATION, AND THE SPECIAL PROVISIONS.
2. ALL STRIPING AND PAVEMENT LEGENDS SHALL BE ALKYD-BASED THERMOPLASTIC WITH RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
3. ALL CONFLICTING LINES AND LEGENDS SHALL BE REMOVED BY GRINDING. REMOVAL OF RAISED PAVEMENT MARKERS SHALL NOT CAUSE DAMAGE TO THE PAVEMENT SURFACE.
4. ALL SALVAGED SIGNS AND POSTS SHALL BE DELIVERED TO THE CITY MAINTENANCE YARD, 9505 JEFFERSON BLVD, CITY OF CULVER CITY, (310) 253-6441, UNLESS OTHERWISE INDICATED.
5. NEW SIGNS POSTS SHALL BE "UNISTRUT" SQUARE GALVANIZED STEEL POSTS WITH A BREAKAWAY FEATURE, OR APPROVED EQUAL, PER LADOT STANDARD PLAN S-452.0.
6. ALL NEW STREET NAME SIGNS SHALL BE DOUBLE-SIDED RETRO-REFLECTORIZED TYPE WITH A GREEN BACKGROUND AND A WHITE LEGEND. POST MOUNTED STREET NAME SIGNS SHALL USE 6 INCH UPPER CASE AND 4½ INCH LOWER CASE SERIES C LETTERS WITH THE CITY SEAL AND LOGO, AS PER CITY STANDARD PLAN. ALL OVERHEAD STREET NAME SIGNS SHALL USE 12 INCH UPPER CASE AND 9 INCH LOWER CASE SERIES C LETTERS WITH NO CITY SEAL OR LOGO. ALL NEWSIGNS ARE TO HAVE RETRO-REFLECTORIZED SHEETING WITH TYPE III BACKGROUNDS, TYPE VIII WHITE TEXT, AND UV/ANTI-GRAFFITI FILM.
7. ALL SIGNS ARE TO BE PER THE STATE OF CALIFORNIA SIGN SPECIFICATIONS AND SHALL BE MINIMUM 0.1 INCH THICK ALUMINUM SHEETING.
8. STRIPING SHALL BE MARKED OUT BY THE CONTRACTOR AND APPROVED BY THE CITY TRAFFIC ENGINEER PRIOR TO FINAL INSTALLATION. WHERE THE PROPOSED STRIPING HAS TAPERS, MARKOUT SHALL USE THE PAINT BRUSH-OVER-ROPE TECHNIQUE. MINIMUM OF ONE WEEK NOTICE REQUIRED BY THE CITY TRAFFIC ENGINEER FOR APPROVAL OF STRIPING.
9. NEW OR REALIGNED MARKED CROSSWALK SHALL BE 12-FEET WIDE UNLESS OTHERWISE NOTED, AND INSTALLED AS PER LADOT STD, PLAN S-481.1.

TRAFFIC SIGNAL GENERAL NOTES:

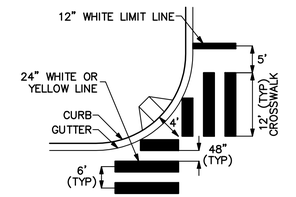
1. TRAFFIC SIGNAL EQUIPMENT AND THE INSTALLATION THEREOF SHALL CONFORM TO THE LATEST CALTRANS STANDARD PLANS AND SPECIFICATIONS OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION, AND TO THE MOST RECENT VERSION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CALIFORNIA MUTCD) THIS PLAN AND THE SPECIAL PROVISIONS.
2. NEW CONDUIT SHALL BE 2" SCH 80 PVC AND PULL BOXES SHALL BE #6 UNLESS SHOWN OTHERWISE.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND FACILITIES AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF ANY UNDERGROUND FACILITIES DAMAGED DURING CONSTRUCTION.
4. ANY MODIFICATION OF OR CHANGES TO APPROVED PLANS MUST BE APPROVED BY THE CITY ENGINEER.
5. LOCATION OF UNDERGROUND FACILITIES ARE APPROXIMATE THE CONTRACTOR SHALL POTHOLE TO DETERMINE THE EXACT LOCATION AND VERIFY ALL CONDITIONS ON THE JOBSITE.
6. THE CONTRACTOR SHALL EXERCISE EXTREME CARE TO AVOID DAMAGING EXISTING UTILITIES BY LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION HAND DIG FOUNDATIONS UNTIL CLEAR OF OBSTRUCTION COORDINATE POLE INSTALLATION WITH OVERHEAD UTILITY AND SUBSTRUCTURE OWNERS CONTACT UNDERGROUND SERVICE ALERT AT (800) 422-4133 48 HOURS PRIOR TO CONSTRUCTION.
7. CONTRACTOR SHALL COVER PEDESTRIAN INDICATIONS WHEN APPLICABLE CROSSWALK IS CLOSED DURING CONSTRUCTION.
8. CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY EQUIPMENT NECESSARY TO MAINTAIN CURRENT SIGNAL OPERATION INCLUDING BUT NOT LIMITED TO CONTROLLER ASSEMBLIES AND SIGNAL POLES.
9. INDUCTIVE DETECTOR LOOPS SHALL BE 6' DIAMETER TYPE "E" AND CENTERED IN TRAVEL LANE.

SIGNING AND STRIPING CONSTRUCTION NOTES:

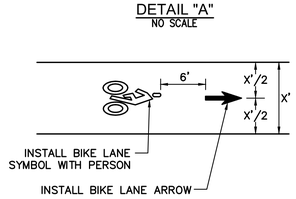
1. INSTALL STRIPING DETAIL AND/OR PAVEMENT MARKING AS SHOWN.
2. INSTALL 12" WHITE LIMIT LINE.
3. INSTALL 24" WHITE HIGH VISIBILITY CONTINENTAL CROSSWALK PER DETAIL "A". CROSSWALK SHALL BE 12' IN WIDTH (INSIDE TO INSIDE) UNLESS OTHERWISE INDICATED.
4. INSTALL "BIKE LANE" PAVEMENT MARKING PER DETAIL "B"
5. INSTALL "BUS LANE" PAVEMENT MARKING PER DETAIL "C"
6. INSTALL RUBBER WHEEL STOPS AND OMEGAPOST WHITE DELINEATOR PER CITY SPECS. SEE DETAIL "D"
7. INSTALL SIGN(S) AND POST AS NOTED.
8. INSTALL SIGN(S) ON EXISTING POST AS NOTED.
9. INSTALL "BIKE LANE EXTENSION" PAVEMENT MARKING PER DETAIL "E"
10. INSTALL "BUS LANE EXTENSION" PAVEMENT MARKING PER DETAIL "F"
11. INSTALL 8" WHITE LINE
12. FURNISH AND INSTALL THERMOPLASTIC LINES AND RAISED PAVEMENT MARKERS PER DETAIL "22", CALTRANS STANDARD PLAN A20A.
13. FURNISH AND INSTALL THERMOPLASTIC LINE AND RAISED PAVEMENT MARKERS PER DETAIL "38", CALTRANS STANDARD PLAN A20D.
14. FURNISH AND INSTALL THERMOPLASTIC LINE AND RAISED PAVEMENT MARKERS PER DETAIL "39", CALTRANS STANDARD PLAN A20D.
15. FURNISH AND INSTALL THERMOPLASTIC MARKING ARROW TYPE IV(L), PER CALTRANS STANDARD PLAN A24A.
16. FURNISH AND INSTALL THERMOPLASTIC MARKING ARROW TYPE IV(R), PER CALTRANS STANDARD PLAN A24A.
17. FURNISH AND INSTALL THERMOPLASTIC 4" WHITE LINE, 50' IN LENGTH.
18. REMOVE SIGN(S) AS NOTED.
19. REMOVE SIGN(S) AND POST AS NOTED.
20. REMOVE PARKING METER.
21. INSTALL CONTINENTAL CROSSWALK AND YIELD LINE PER DETAIL "G".
22. INSTALL GREEN BIKE LANE USING MMA MATERIAL PER CITY SPECS.

TRAFFIC SIGNAL CONSTRUCTION NOTES:

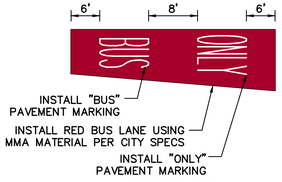
- T1 REMOVE AND SALVAGE EXISTING PEDESTRIAN PUSH BUTTON POST AND FOUNDATION COMPLETE. RELOCATE PUSH BUTTONS ASSEMBLIES TO ADJACENT SIGNAL STANDARD AS SHOWN.
- T2 INSTALL RELOCATED TYPE B PEDESTRIAN PUSH BUTTON ASSEMBLIES ON SIGNAL STANDARD. ORIENT ASSEMBLIES ON PEDESTRIAN POST IN A MANNER THAT BUTTON FACE IS PARALLEL TO CORRESPONDING CROSSING.
- T3 INSTALL #6 PULL BOX.
- T4 INSTALL 2" SCH 80 PVC CONDUIT.
- T5 INTERCEPT EXISTING 2" CONDUIT, REROUTE EXISTING CONDUCTORS AND DLC'S INSIDE NEW 2" SCH 80 PVC CONDUIT TO NEW PULL BOX AS SHOWN, TO MAINTAIN THE INTENDED OPERATION AS SHOWN. IN THE EVENT THAT THE EXISTING CONDUCTORS ARE NOT SUFFICIENT TO REACH THE NEW PULL BOX LOCATION, THE CONTRACTOR SHALL PULL NEW CONDUCTORS TO MATCH EXISTING CITY TRAFFIC SIGNAL AS-BUILT, TO MAINTAIN INTENDED OPERATION AS SHOWN.
- AB ABANDON.
- SC SPLICE NEW TO EXISTING CONDUCTORS.
- CC CONNECT NEW AND EXISTING CONDUIT.



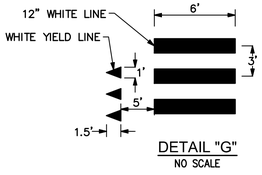
DETAIL "A"
NO SCALE



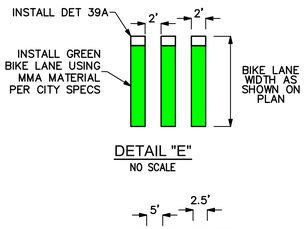
DETAIL "B"
NO SCALE



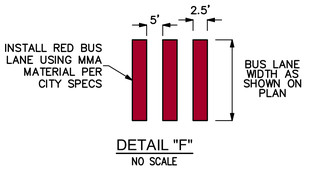
DETAIL "C"
NO SCALE



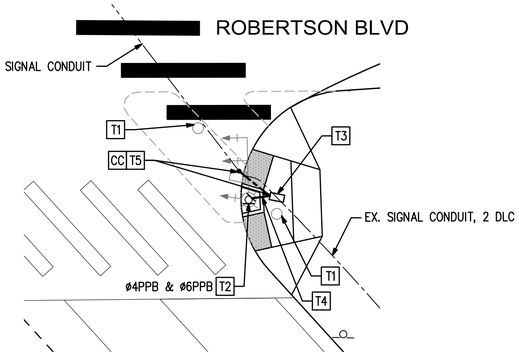
DETAIL "G"
NO SCALE



DETAIL "E"
NO SCALE



DETAIL "F"
NO SCALE



NORTH EAST CORNER
TRAFFIC SIGNAL MODIFICATION DETAIL

SCALE 1"=10'

Know what's **below.** **Call** before you dig.

REVIEWED: LADOT-PERMIT # [TBD]

BY: _____ DATE: _____

REGISTERED PROFESSIONAL ENGINEER JEFFREY C. LAU No. 83887 CIVIL STATE OF CALIFORNIA

PLANS PREPARED BY:
WILLDAN Engineering extending your reach
13191 CROSSROADS PARKWAY NORTH
SUITE 405 INDUSTRY, CA 91746-3497
(562) 908-6200
UNDER THE SUPERVISION OF
JEFFREY C. LAU RCE 83887 DATE

NO.		BY	APPR.	DATE

CITY OF CULVER CITY
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

SIGNING AND STRIPING PLAN
ROBERTSON BLVD
FROM WASHINGTON BLVD TO VENICE BLVD

DESIGNED BY BR	DATE 10/8/24	SCALE HORIZ: VERT:	CHECKED BY XXXX, P.E., T.E. DATE
DRAWN BY BR	DATE 10/8/24		APPROVED BY: XXXXX, P.E. RCE XXXX DATE
FIELD BOOK REFERENCE		PROJECT NUMBER PF024	

Sheet 8 Of 9 Sheets

PLAN NO. MTE1001

W:\WE-CA\CULVER CITY, CITY OF\112951 - ROBERTSON BLVD BIKE-BUS LANES PROJECT\900-PS&E\901-PLANS\PL-STRIPE-ROBERTSON BLVD-REVISED 10-8-24.DWG DATE/TIME:10/8/24