

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC CONTROL AS INDICATED IN THE ASSOCIATED PROJECT SPECIAL PROVISIONS.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2012 EDITION.
3. EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN.
4. CONFLICTING UTILITIES SHOWN WITHIN CONSTRUCTION AREA WILL BE RELOCATED PRIOR TO CONSTRUCTION.
5. ALL STREET PULL BOXES, AFFECTED BY CONSTRUCTION, SHALL BE ADJUSTED TO THE PROPOSED GRADE.
6. PRIME CONTRACTOR BIDDING THIS WORK SHALL HAVE A CLASS "A" LICENSE.
7. THE SEAM BETWEEN PASSES OF THE AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, TO THE LANE LINES.
8. COLD MILLING SHALL BE AS DESCRIBED ON THE PLANS AND SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
9. ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AFTER COLD-MILLING AND PRIOR TO PLACEMENT OF DGAC.
10. CONTRACTOR SHALL REMOVE ALL VEGETATION WITHIN ALL SIDEWALK PANELS WITHIN THE PROJECT LIMITS.
11. ALL EXISTING IMPROVEMENTS SHOWN HEREON SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
12. EXISTING IRRIGATION SHALL BE PROTECTED OR MODIFIED AS NECESSARY TO CONSTRUCT NEW CONCRETE IMPROVEMENTS.

CONSTRUCTION NOTES:

- REMOVE AND REPLACE IN KIND EXISTING FACILITY. NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. ANY NOTE SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC TYPE, ACTION, OR MODIFICATION TO BE CONSTRUCTED. WHERE NO MODIFICATION OR TYPE IS INDICATED, THE DIMENSIONS OF NEW FACILITY SHALL BE MODIFIED AS NECESSARY, EXCLUDING ADA REQUIREMENTS, TO MATCH EXISTING FACILITY REMOVED.
- PROTECT IN PLACE EXISTING FACILITY. DESCRIPTION (XX) PER PLAN. (PB)=PULLBOX; (CB)=CATCH BASIN; (MH)=MANHOLE; (GV)=GATE VALVE; (GUY)=GUY ANCHOR; (SGN)=STREET SIGN; (EL)=ELECTRICAL POLE, (TRE)=TREE; (FH)=FIRE HYDRANT; (TP)=TRAFFIC POLE
- ADJUST TO GRADE, DESCRIPTION PER PLAN. (MH)=SEWER OR STORM DRAIN MANHOLE; (GV)=GATE VALVE; (ETS)=ELECTRIC TEST STATION; (WM)=WATER METER; (CO)=CLEAN OUT.
- PROVIDE VARIABLE DEPTH COLDMILLING TO TRANSITION FROM 0.15' AT GUTTER LIP/JOINT TO 0' DEPTH AT THE 5'-10' MILL WIDTH INDICATED.
- FULL DEPTH REMOVAL OF EXISTING AC PAVEMENT/NATIVE MATERIAL TO A MIN. DEPTH OF 4".
- FULL DEPTH AC TO A DEPTH CONSISTENT WITH THE FULL DEPTH REMOVAL.
- OVERLAY AREA WITH DGAC AT A DEPTH PER PLAN.
- CONSTRUCT ASPHALT RUBBERIZED AGGREGATE MEMBRANE PRIOR TO AC PAVEMENT OVERLAY
- REMOVE AND REPLACE PCC PEDESTRIAN RAMP PER CITY STANDARD 304, TYPE I, MODIFY TO ADD RETAINING CURB AS NECESSARY.
- INSTALL NEW TRAFFIC SIGN(S) ON NEW POST PER CITY STANDARD 662/664. IF NEW SIGNS ARE TO BE MOUNTED ON EXISTING STREET LIGHTS, THEY SHALL BE STRAP MOUNTED (SUPPLIED BY CONTRACTOR)
- REMOVE AND REPLACE EXISTING SIGN POST PER CITY STANDARD DRAWING 664.
- REMOVE AND SALVAGE EXISTING TRAFFIC SIGN TO CITY YARD.
- INSTALL 12" SOLID WHITE LIMIT LINE, SOLID WHITE "STOP" LEGEND, AND 50' DETAIL 22, DOUBLE YELLOW STRIPE AT THE LIMIT LINE, LOCATION VERIFIED BY ENGINEER.
- INSTALL SOLID WHITE "DIP" LEGEND, LOCATION VERIFIED BY ENGINEER.
- INSTALL SOLID YELLOW "SCHOOL" LEGEND, LOCATION VERIFIED BY ENGINEER.
- INSTALL DETAIL 2, 4" DASHED YELLOW STRIPE BETWEEN THE DOUBLE YELLOW STRIPES AT EACH STOP SIGN, ON STREET CENTERLINE, LOCATION VERIFIED BY ENGINEER.
- INSTALL 12" SOLID WHITE X-WALK STRIPES, 150' DETAIL 22, DOUBLE YELLOW STRIPE, AND 45' DETAIL 38, 8" SOLID WHITE STRIPE WITH (1) TYPE IV LEFT TURN LANE ARROWS, LOCATION VERIFIED BY ENGINEER.

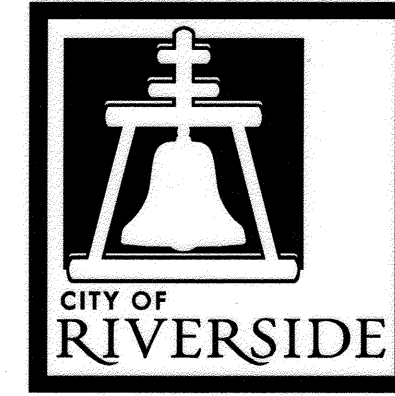
EXISTING TOPOGRAPHY:

- SANITARY SEWER M.H.
- STORM DRAIN M.H.
- ELECTRIC M.H.
- WATER M.H.
- GATE VALVE
- ELECTRICAL TEST STATION (GAS)
- FIRE HYDRANT
- WATER METER

LEGEND:

- COLDMILL - CM1 (0.15') + ARAM (0.03') + DGAC PAVEMENT (0.12')
- COLDMILL - CM3 + DGAC PAVEMENT (FULL DEPTH)
- ARAM (0.03') + DGAC PAVEMENT (0.12')
- PROPOSED PCC

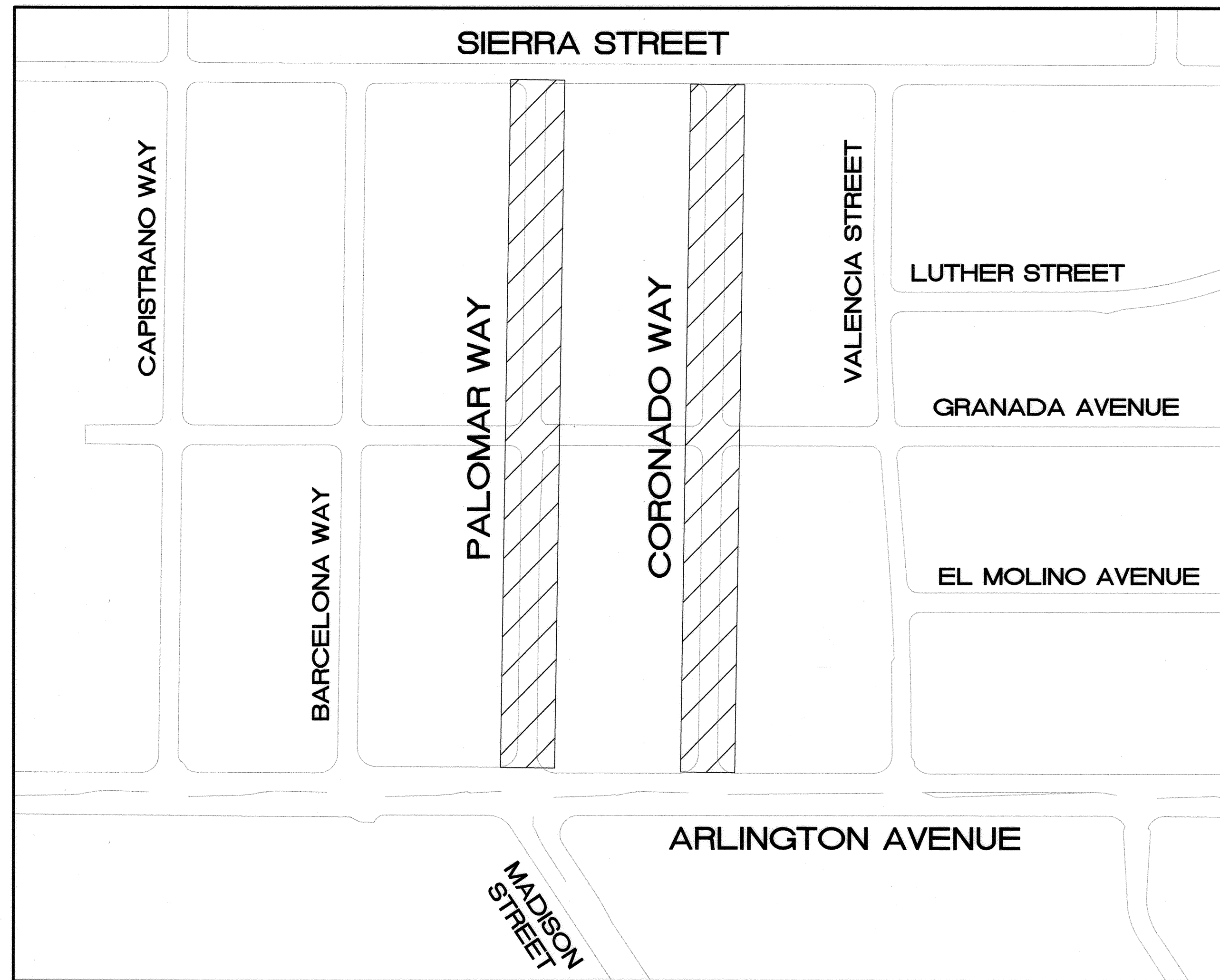
RIVERSIDE



CALIFORNIA

PUBLIC WORKS DEPARTMENT

**2017/2018 CDBG - WARD 3
STREET IMPROVEMENTS FOR
CORONADO WAY AND PALOMAR WAY
FROM SIERRA STREET TO ARLINGTON AVENUE
A HUD FUNDED PROJECT**



LOCATION MAP

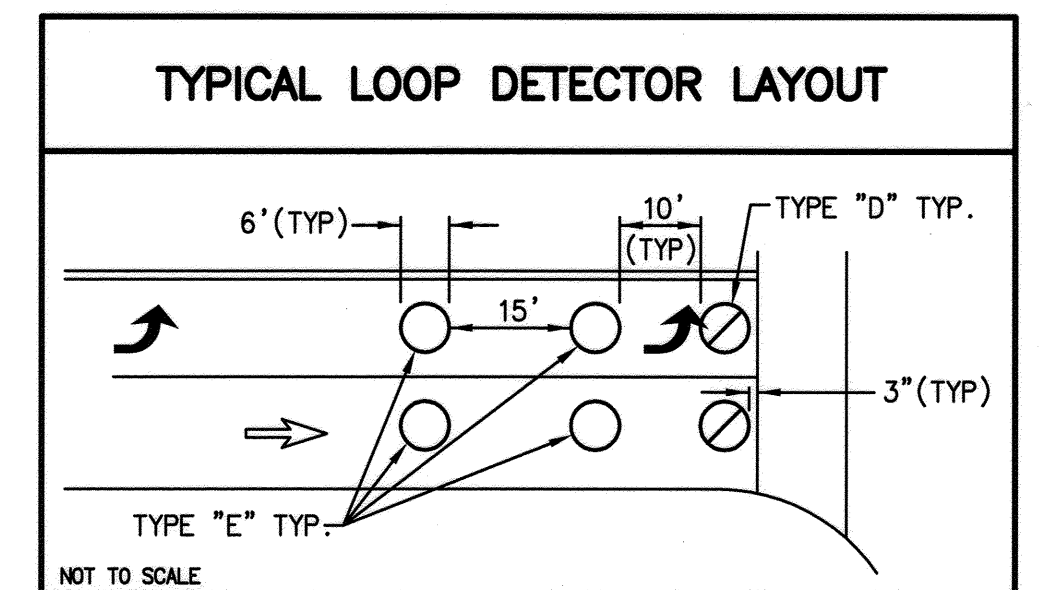
NTS

SIGNING/STRIPING GENERAL NOTES:

1. SIGNING AND STRIPING INSTALLATIONS SHALL CONFORM TO THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD), THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS DATED 2010, AND ALL ADDENDUMS THERETO, AND THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARD DRAWINGS, CURRENT EDITION.
2. ALL STRIPING, MARKINGS, AND LEGENDS SHALL BE REFLECTORIZED THERMOPLASTIC UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE AND INSTALL RAISED PAVEMENT MARKERS FOR ALL STRIPING, STRIPING, MARKINGS AND LEGENDS SHALL CONFORM TO THE LATEST CALTRANS STANDARD PLANS A20A THRU A20D AND A24A THRU A24E.
3. PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL PAVEMENT STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIVERSIDE.
4. THE CONTRACTOR SHALL RE-STRIP EXISTING STRIPING AND CURB MARKINGS OBLITERATED BY NEW CONSTRUCTION, WHETHER OR NOT SHOWN ON THE PLANS FOR REPLACEMENT, AT NO COST TO THE CITY.
5. AT LOCATIONS WHERE EXISTING PAINTED CURB IS TO BE RECONSTRUCTED, THE CONTRACTOR SHALL PAINT THE NEW CURB AS SHOWN ON THE PLANS WITHIN 10 WORKING DAYS OF CURB CONSTRUCTION OR AS DIRECTED BY ENGINEER. THE PAINT SHALL BE WATER-BASED WITH 2-YEAR GUARANTEE AGAINST COLOR FADING. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CITY WRITTEN PROOF OF THE MANUFACTURER'S 2-YEAR GUARANTEE.
6. ALL NEW STRIPING SHALL BE "CAT TRACKED" AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER COMPLETING LAYOUT AND AT LEAST 3 WORKING DAYS BEFORE COMMENCING INSTALLATION OF STRIPING, MARKINGS AND MARKERS.
7. TRAFFIC SIGN FACE SHALL BE 3M DIAMOND GRADE DG3 REFLECTIVE SHEETING (ASTM XI) OR APPROVED EQUAL WITH PROTECTIVE GRAFFITI OVERLAY FILM OR AS OTHERWISE NOTED.
8. SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY OF RIVERSIDE. EXACT LOCATIONS OF SIGNS SHALL BE DETERMINED BY THE CITY ENGINEER.
9. ALL EXISTING SIGNS AND POSTS TO BE REMOVED SHALL BE DELIVERED TO THE CITY OF RIVERSIDE SIGN DEPARTMENT.
10. STRIPING SHALL BE APPLIED WITHIN 48 HOURS OF SURFACE COURSE REPLACEMENT ON STREETS OPEN TO THE PUBLIC. IN NO CASE SHALL A NEWLY PAVED STREET OPEN TO THE PUBLIC BE LEFT UNSTRIPED OVER A WEEKEND OR HOLIDAY.
11. CONTRACTOR SHALL INSTALL NEW SIGN(S) AND/OR POST(S) PER CITY OF RIVERSIDE STANDARD DRAWING No. 664, SEE SPECIFICATIONS.
12. CONTRACTOR SHALL INSTALL NEW STREET NAME SIGNS AND POST PER CITY OF RIVERSIDE STANDARD DRAWING No. 662, SEE SPECIFICATIONS.
13. ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, LEGENDS, AND RAISED PAVEMENT MARKERS SHALL BE REMOVED EVEN IF NOT SHOWN ON PLANS. REMOVALS OF PAINTED STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE DONE BY WET SANDBLASTING, REMOVALS OF THERMOPLASTIC STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE REMOVED BY WET SANDBLASTING, GRINDING OR OTHER APPROVED METHOD AND SHALL NOT DAMAGE THE PAVEMENT. "BLACK OUT" OF EXISTING DELINEATION IS NOT PERMITTED. ALL DAMAGED PAVEMENT DUE TO REMOVALS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A SMOOTH AND UNIFORM SURFACE OR AS DIRECTED BY THE ENGINEER. ALL STRIPING REMOVALS AND LEGENDS SHALL BE "FOG SEALED".

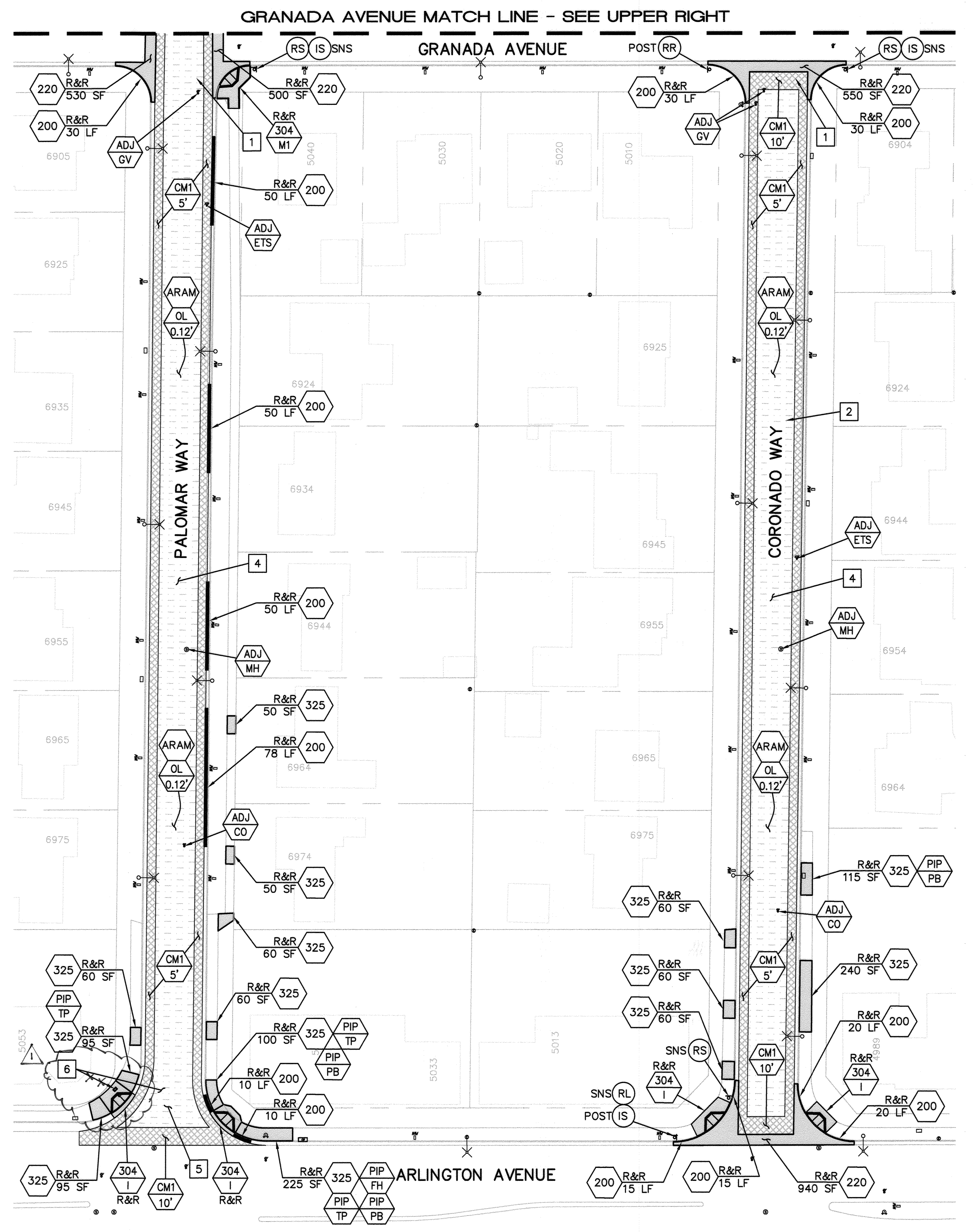
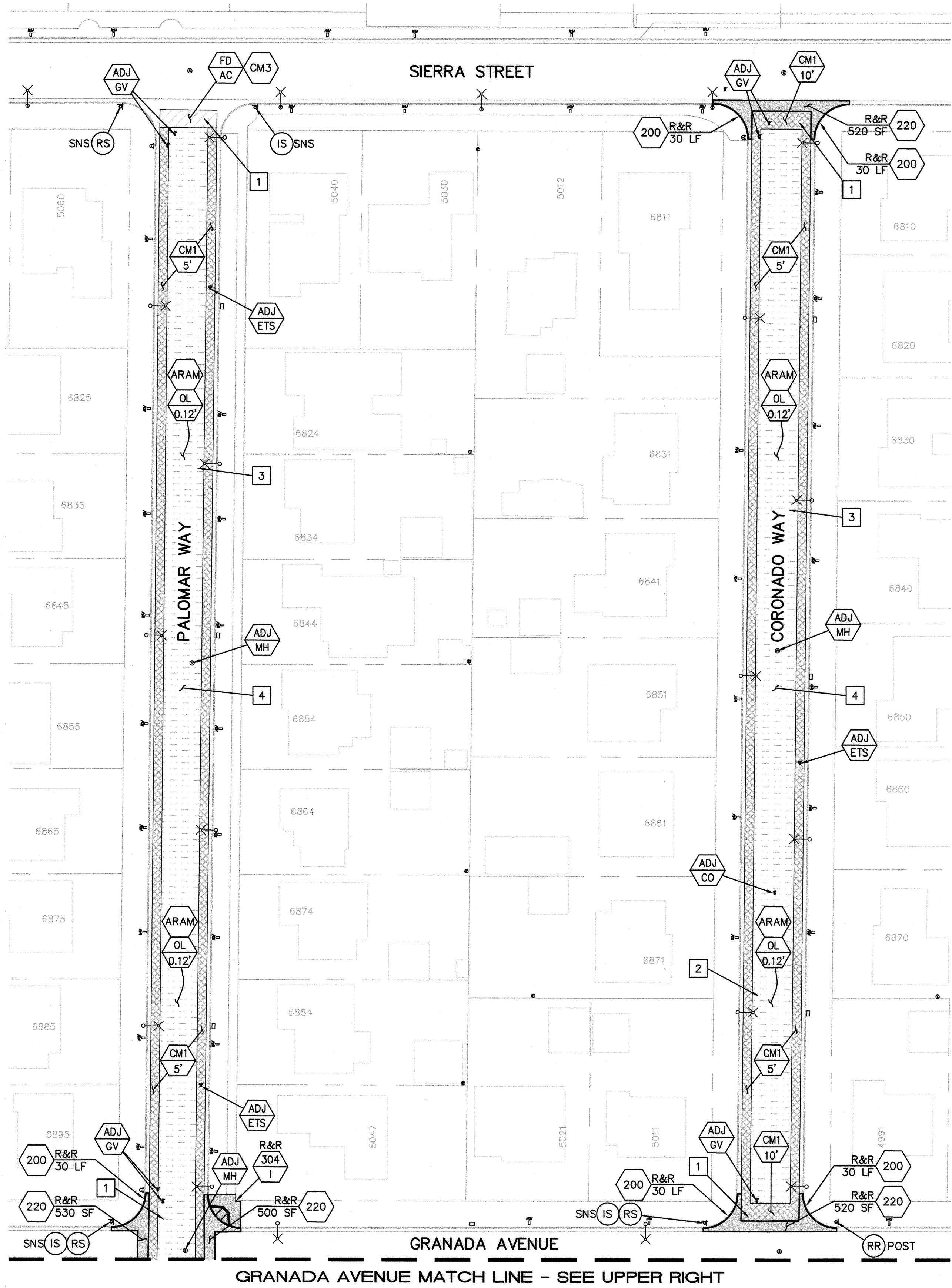
TRAFFIC SIGNAL GENERAL NOTES:

1. ALL ITEMS FURNISHED AND ALL WORK TO BE DONE SHALL CONFORM TO THE REQUIREMENTS OF: THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS, DATED 2006; THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES ADOPTED 2014; AND THE SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO NOTIFY ALL AFFECTED AGENCIES AND THE RIVERSIDE UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.
3. UNLESS SHOWN OTHERWISE, INDUCTIVE LOOPS SHALL BE MODIFIED TYPE "D" & TYPE "E" WITH 10', 15' AND 30' SPACING IN THE DIRECTION OF TRAVEL. NECESSARY STRIPING SHALL BE LOCATED PRIOR TO POSITIONING LOOPS. LOOPS SHALL BE SEALED WITH HOT MELT SEALANT. SEE DETAIL.
4. CONDUIT BETWEEN ADJOINING PULL BOXES SHALL BE 2" UNLESS SHOWN OTHERWISE. ALL CONDUIT AND FITTINGS SHALL BE RIGID METAL, UNLESS SHOWN OTHERWISE (BURIED IN A MINIMUM OF 30" OF COVER IN THE STREET AND PARKWAY).
5. UNDERGROUND SIGNAL CONDUCTORS SHALL NOT BE SPLICED.
6. PULL BOXES SHALL BE No. 6 WITH FIBERLITE LIDS LABELED "TRAFFIC SIGNAL" UNLESS OTHERWISE NOTED ON THE PLAN.
7. PULL BOXES SHALL NOT BE LOCATED IN OR WITHIN 1' OF ANY CURB ACCESS RAMP OR DRIVEWAY.
8. THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE PRECISE FIELD LOCATIONS OF ALL TRAFFIC SIGNAL EQUIPMENT PRIOR TO THE INSTALLATION.



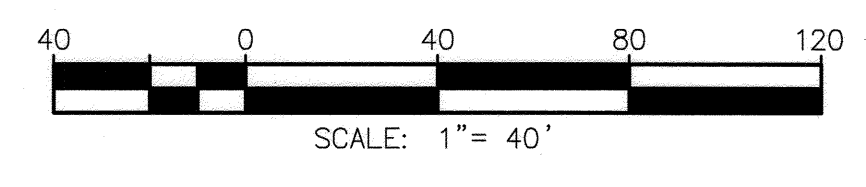
SEE STANDARD DWG NO. 670 FOR TYPE "D" LOOP CONFIGURATION

<p>ENGINEER IN RESPONSIBLE CHARGE Deborah V. Anderson R.C.E. No. 56408 EXPIRES: 6-30-19 DATE: 5/14/18</p>		<p>CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS</p>		<p>STREET IMPROVEMENTS</p>		<p>DESIGN WORK ORDER NO.: 1820208 CONSTR. WORK ORDER NO.: 1820209</p>
		<p>APPROVED BY: <i>[Signature]</i> DATE: 5/14/18 ENGINEERING MANAGER CONSTRUCTION ADMIN. <i>[Signature]</i> DATE: 5/14/18 TRAFFIC DIVISION STREETS SERVICES SURVEYOR</p>	<p>APPROVED BY: <i>[Signature]</i> DATE: 5-15-18 CITY ENGINEER</p>	<p>2017/2018 CDBG - WARD 3 CORONADO WAY AND PALOMAR WAY FROM SIERRA STREET TO ARLINGTON AVENUE</p>		<p>R-4437</p>
<p>DESIGNED BY: DC DRAWN BY: DC CHECKED BY: DA</p>		<p>HORIZ. SCALE: N/A VERT. SCALE: N/A</p>		<p>FILE NAME: R4387-1.DWG</p>		



CONSTRUCTION NOTES: (CONT'D)

6 DISCONNECT AND PULL SIGNAL CONDUCTORS BACK AND RE-USE. REMOVE EXISTING SIGNAL PULLBOX IN THE EXISTING RAMP. INSTALL A NEW #6 PULLBOX OUTSIDE NEW RAMP AND MODIFY EXISTING CONDUITS IN KIND. RE-CONNECT SIGNAL CONDUCTORS. INSTALL NEW DETECTOR LOOPS PER THE DETAIL ON SHEET 1. SPLICE NEW TO EXISTING CONDUCTORS IN THE NEW ADJACENT PULLBOX.



ENGINEER IN RESPONSIBLE CHARGE
 Deborah V. Anderson
 R.C.E. No. 56408 EXPIRES: 6-30-19
 DATE: 5/14/18

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *[Signature]* DATE: 5/14/18
 ENGINEERING MANAGER
 CONSTRUCTION ADMIN.
 TRAFFIC DIVISION
 STREETS SERVICES
 SURVEYOR

APPROVED BY: *[Signature]* DATE: 5-15-18
 CITY ENGINEER

DESIGNED BY: DC DRAWN BY: DC CHECKED BY: DA

STREET IMPROVEMENTS

2017/2018 CDBG - WARD 3
 CORONADO WAY AND PALOMAR WAY
 FROM SIERRA STREET TO ARLINGTON AVENUE

MAINTENANCE PLAN

HORIZ. SCALE: 1"=40' VERT. SCALE: N/A

DESIGN WORK ORDER NO.: 1820208
 CONSTR. WORK ORDER NO.: 1820209

R-4437

SHEET 2 OF 2

FILE NAME: R4437-2.DWG