

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC 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. ALL STREET PULL BOXES, AFFECTED BY CONSTRUCTION, SHALL BE ADJUSTED TO THE PROPOSED GRADE.
5. PRIME CONTRACTOR BIDDING THIS WORK SHALL HAVE A CLASS "A" OR "C-12".
6. THE SEAM BETWEEN PASSES OF THE AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, TO THE LANE LINES.
7. COLD MILLING SHALL BE AS DESCRIBED ON THE PLANS AND SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
8. ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AFTER COLD-MILLING AND PRIOR TO PLACEMENT OF DGAC.
9. CONTRACTOR SHALL REMOVE ALL VEGETATION AND CLEAR ALL DIRT WITHIN ALL SIDEWALK PANELS AND TREE WELLS WITHIN THE PROJECT LIMITS. CONTRACTOR SHALL ALSO SMOOTHLY GRADE AND COMPACT ALL TREE WELLS.
10. ALL EXISTING IMPROVEMENTS SHOWN HEREON SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
11. EXISTING IRRIGATION SHALL BE PROTECTED OR MODIFIED AS NECESSARY TO CONSTRUCT NEW CONCRETE IMPROVEMENTS.
12. SEE STRIPING & TRAFFIC SIGNAL PLANS FOR REMOVAL, REPLACEMENT, AND RELOCATION OF EXISTING SIGNING, STRIPING, LOOPS, AND TRAFFIC EQUIPMENT.

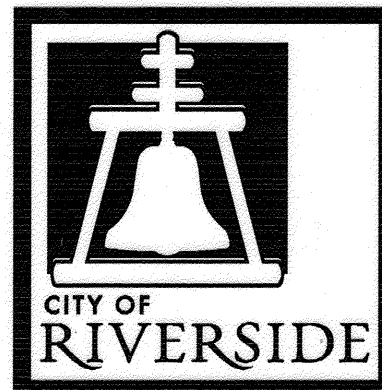
CONSTRUCTION NOTES:

- 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.
- ADJUST TO GRADE, DESCRIPTION PER PLAN. (MH) ELECTRIC, TELEPHONE, SEWER OR STORM DRAIN. (GV) GATE VALVE. (ETS) ELECTRIC TEST STATION. (WM) WATER METER. (PB) PULLBOX. (VLT) ELECTRIC OR WATER VAULT, TYPE PER PLAN.
- PROTECT IN PLACE, DESCRIPTION PER PLAN. (AV) AIR VALVE. (CB) CATCH BASIN. (CO) CLEANOUT. (CRB) CURB. (DWB) DRIVEWAY. (FH) FIRE HYDRANT. (FNC) FENCE. (GV) GATE VALVE. (GUT) CROSS-GUTTER. (LPS) TRAFFIC LOOPS. (MH) MANHOLE. (PB) PULLBOX. (PD) PARKWAY DRAIN. (SL) STREET LIGHT. (TR) TRAFFIC SIGNAL EQUIPMENT. (TRE) TREE. (TRK) TRACKING FOR IRON GATE. (WM) WATER METER.
- REMOVE EXISTING IMPROVEMENT. (DWB) DRIVEWAY. (PAV) PAVEMENT. (TRE) TREE.
- REMOVE AND REPLACE WATER METER LID AND BOX AT THE GRADE OF NEW IMPROVEMENTS.
- CONSTRUCT/RECONSTRUCT PCC CURB AND GUTTER PER CITY STANDARD 200 MATCHING THE EXISTING TYPE AND HEIGHT. ("--" AS FOLLOWS):
 - M1 = CONSTRUCT COBBLESTONE CURB AND GUTTER PER DETAIL IN PART 10 OF THE SPECIAL PROVISIONS.
 - PER = CURB AND GUTTER SHALL BE CONSTRUCTED ACCORDING TO EXHIBIT D, "PERVIOUS CONCRETE GUTTER DETAIL" IN PART 10 OF THE SPECIAL PROVISIONS.
- CONSTRUCT CONCRETE V-DITCH PER SPECIFICATIONS INDICATED IN CITY STD 220 AND PER DIMENSIONS INDICATED BELOW. MAINTAIN 0.15% GRADE ON FLOWLINE FOR ENTIRE LENGTH OF V-DITCH. ("--" AS FOLLOWS):
 - TYP = TYPICAL CROSS-SECTION SHALL BE 5' WIDE BETWEEN TRANSITIONS WITH 5% SLOPE ON WESTERLY FACE AND 10% SLOPE ON EASTERLY FACE.
 - M1 = BEGIN V-DITCH AT STATION SHOWN ON PLAN, TRANSITIONING FROM NEW 2' WIDE GUTTER INTO 5' WIDE V-DITCH. PROTECT POWER POLE IN PLACE, AND MAINTAIN 6" HORIZONTAL BUFFER FROM FLOWLINE TO POLE. 10' TRANSITION INTO DRIVEWAY, EXTENDING SLOPES OF V-DITCH TO MEET THE CENTER OF THE DRIVEWAY WING AND THE CENTER OF THE DRIVEWAY PANEL.
 - M2 = 10' TRANSITION INTO AND OUT OF DRIVEWAYS, EXTENDING SLOPES OF V-DITCH TO MEET THE CENTER OF THE DRIVEWAY WING AND THE CENTER OF THE DRIVEWAY PANEL.
 - M3 = 25' TRANSITION FROM 5' WIDE V-DITCH INTO NEW 2' WIDE GUTTER AT ECR.
- CONSTRUCT/RECONSTRUCT DRIVEWAY APPROACH PER CITY STANDARD 302. ("--" AS FOLLOWS):
 - PL-1 = TYPE PL-I; PL-2 = TYPE PL-II;
 - C-1 = TYPE CURB-I; C-2 = TYPE CURB-II;
 - M1 = RECONSTRUCT CONCRETE DRIVEWAY WITH DIMENSIONS SHOWN. EXTEND 2% GRADE TO BACK OF MANHOLE TO ALLOW FOR FLUSH ADJUSTMENT. INSPECTOR SHALL NOTIFY AT&T 2 WEEKS PRIOR TO REMOVALS TO COORDINATE ADJUSTMENT OF MANHOLE IN DRIVEWAY.
 - M2 = RECONSTRUCT CONCRETE DRIVEWAY WITH DIMENSIONS SHOWN. STRAIGHT GRADE ALONG 'B' DIMENSION FROM E.P. TO BOTTOM OF V-DITCH FLOWLINE. SLOPE DRIVEWAY FROM FLOWLINE UPWARDS AT 5% GRADE FOR 7' WHERE RIDGE OR GRADE BREAK WILL BE ESTABLISHED. STRAIGHT GRADE FROM GRADE BREAK TO EXISTING CONCRETE PAD WHILE PROTECTING IRON FENCE TRACK SYSTEM.
- CONSTRUCT/RECONSTRUCT WHEELCHAIR RAMP PER CITY STANDARD 304. ("--" AS FOLLOWS):
 - I = TYPE I; II = TYPE II; III = TYPE III; V = TYPE V;
 - M1 = CONSTRUCT MODIFIED TYPE I RAMP. INSTALL WITH NO WINGS AND CONSTRUCT RETAINING CURB TO ELIMINATE BOTH WINGS.
 - M2 = CONSTRUCT TYPE V RAMP, MODIFIED TO JOIN DRIVEWAY AND RETAINING CURB ON LEFT WING OF RAMP.
 - M3 = CONSTRUCT MODIFIED TYPE V RAMP. PROTECT FIRE HYDRANT IN PLACE WITH RETAINING CURB. REPLACE STREET LIGHT PULLBOX IN LEFT WING. REMOVE EXTRA CONCRETE BEHIND RETAINING CURB. MODIFY/EXTEND IRRIGATION AND LANDSCAPING TO BACK OF RETAINING CURBS.
 - M4 = CONSTRUCT MODIFIED TYPE I RAMP. INSTALL WITH ONLY ONE WING, CONSTRUCT RETAINING CURB TO ELIMINATE RIGHT WING. REMOVE EXTRA CONCRETE BEHIND RETAINING CURB. MODIFY/EXTEND IRRIGATION AND LANDSCAPING TO BACK OF RETAINING CURBS.
- CONSTRUCT/RECONSTRUCT PCC SIDEWALK PER CITY STANDARD 325. ("--" AS FOLLOWS):
 - M1 = PROVIDE A PCC THICKNESS OF 6" ADJACENT TO EXISTING DRIVEWAY APPROACH
 - M2 = CONSTRUCT RETAINING CURB (0"-18" MAX.) AS NECESSARY FOR KEEPING SLOPE BEHIND AT UNDER 3:1. CURB SHALL BE POURED MONOLITHIC WITH THE ADJOINING SIDEWALK.
- CONSTRUCT/RECONSTRUCT CATCH BASIN PER CITY STANDARD 405. ("--" AS FOLLOWS):
 - M1 = RECONSTRUCT GUTTER APRON ONLY IN FRONT OF CATCH BASIN, PROTECTING CATCH BASIN IN PLACE. SAWCUT BELOW TOP OF CURB AND IN FRONT OF THE INLET AT BOTTOM OF THE APRON. DOWEL INTO EXISTING BOX WALL AND POUR NEW APRON MATCHING EXISTING DIMENSIONS.
- CONSTRUCT/RECONSTRUCT CURB RAMP PER CALTRANS REVISED STANDARD PLANS (RSP) A88A AND DESIGN INFORMATION BULLETIN 82-05. ("--" AS FOLLOWS):
 - A = "CASE A" CURB RAMP
 - D = "CASE D" CURB RAMP
- CONTRACTOR SHALL NOTIFY AT&T CALIFORNIA TWO WEEKS PRIOR TO RECONSTRUCTING DRIVEWAY AT 6440 RIVERSIDE AVENUE. CONTACT RONNIE STEWART AT 951-354-5492 (RS1625@ATT.COM)
- CONSTRUCT 60" LONG BY 12" WIDE CONCRETE BUS PAD (BUS PAD WIDTH MEASURED FROM MONOLITHIC CURB FACE) UNLESS DIMENSIONS SHOWN OTHERWISE ON PLANS. BASE OR SUBGRADE OR EXISTING PAD SHALL BE REMOVED AND COMPACTED AS NECESSARY TO INSTALL BUS PAD PER DETAIL IN PART 10 OF THE SPECIAL PROVISIONS. ENGINEER SHALL BE NOTIFIED PRIOR TO POURING NEW CONCRETE. ("--" AS FOLLOWS):
 - M1 = CURB AND GUTTER PORTION OF BUS PAD SHALL BE CONSTRUCTED PER EXHIBIT A, COBBLESTONE CURB AND GUTTER DETAIL ON PART 10 OF THE SPECIAL PROVISIONS. THE BUS PAD SHALL BE POURED SEPARATELY FOR THE REMAINING 10' OF WIDTH.
 - M2 = ADJUST MANHOLE AND POUR PAD AROUND IT. PROTECT IN PLACE CATCH BASIN AND JOIN AT EDGES OF GUTTER APRON.
 - M3 = PROTECT IN PLACE BOTH CATCH BASINS AND JOIN AT THE EDGES OF GUTTER APRONS.
- REMOVE ALL EXCESS VEGETATION AND CLEAR ALL DIRT OF DEBRIS WITHIN THE TREE WELL. FOR ALL TREE WELLS WITH A LIVE TREE, REMOVE EXISTING GRATE IF DEEMED A TRIPPING HAZARD, FILL WITH 2" THICK LAYER OF DECORATIVE WHITE ROCK, AND SMOOTHLY GRADE/COMPACT THE TREE WELL TO MATCH SIDEWALK ELEVATION. IF TREE IS MISSING, DEAD, OR A STUMP, FULLY CLEAR THE TREE WELL AND FILL WITH CONCRETE PER CITY STD 325.
- CONSTRUCT MEDIAN NOSE WITH RADIUS AS SHOWN ON PLANS. REMOVE AND RECONSTRUCT EXISTING ASPHALT IN CENTER OF MEDIAN AS NECESSARY TO MEET EXISTING JOINS. REPLACE ANY ASPHALT REMOVED WITH 3.5" THICK CONCRETE.
- SAWCUT PORTION OF CONCRETE SLAB THAT EXTENDS OUT BEYOND IRON FENCE LINE. SAW CUT TO ALLOW FOR NEW BERM TO BE PARALLEL WITH FENCE LINE.
- REMOVE ALL EXCESS VEGETATION AND CLEAR ALL DIRT OF DEBRIS WITHIN THE TREE WELL. PREPARE SUBSURFACE ACCORDING TO FLOWSTONE PERMEABLE TREE WELL DETAIL IN PART 10 OF THE SPECIAL PROVISIONS. REMOVE EXCESS SUBSURFACE MATERIAL IN ORDER TO INSTALL GEOGRID AND 1.5" OF FLOWSTONE "DESERT ROSE" CRUSHED ROCK MATERIAL. FLOWSTONE SHALL BE INSTALLED TO BE FLUSH WITH ADJACENT SIDEWALK PANELS. IF EXTRA MATERIAL IS NEEDED, INSTALL CRUSHED AGGREGATE BASE ON TOP OF GEOGRID LEAVING 1.5" GAP FOR FLOWSTONE TO BE FLUSH WITH SIDEWALK PANELS.

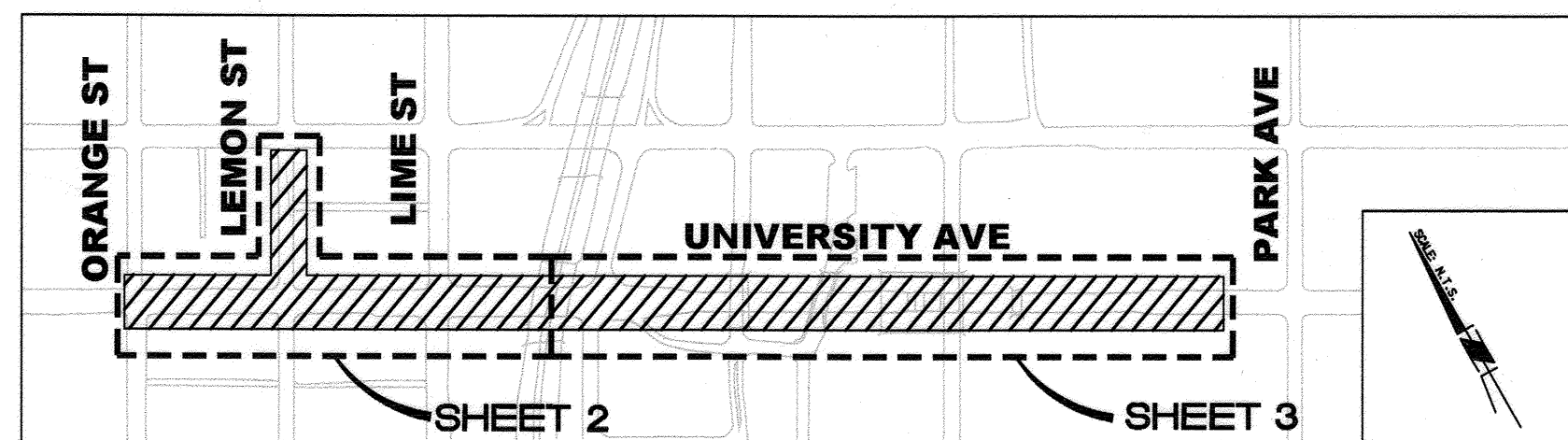
RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT

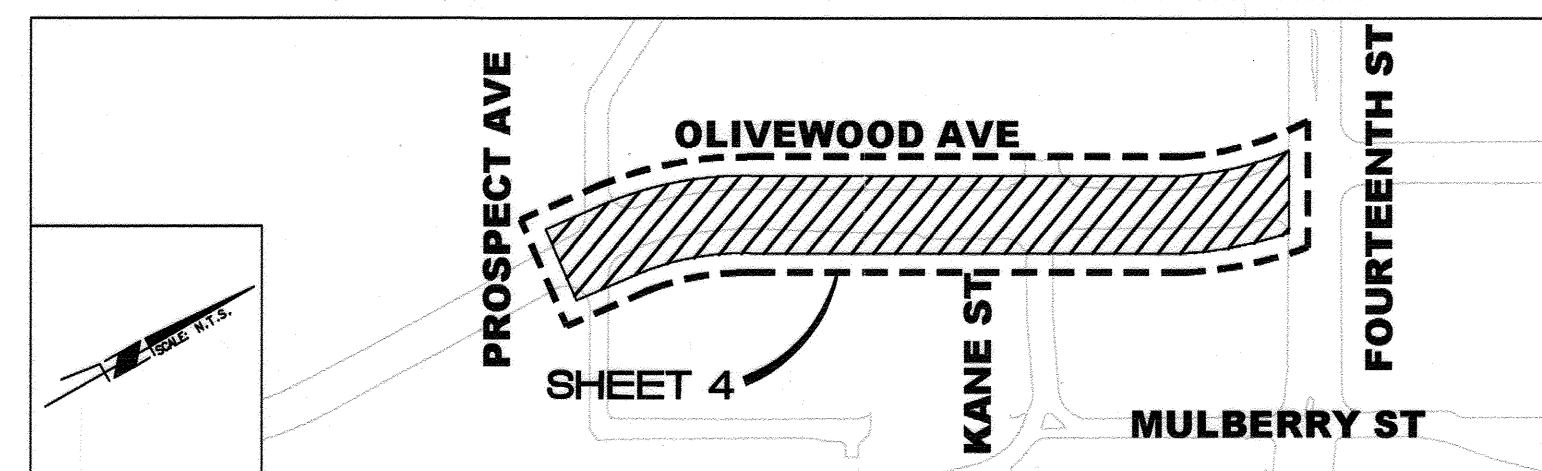
2015/2016 ARTERIAL STREETS MAINTENANCE, PHASE 1



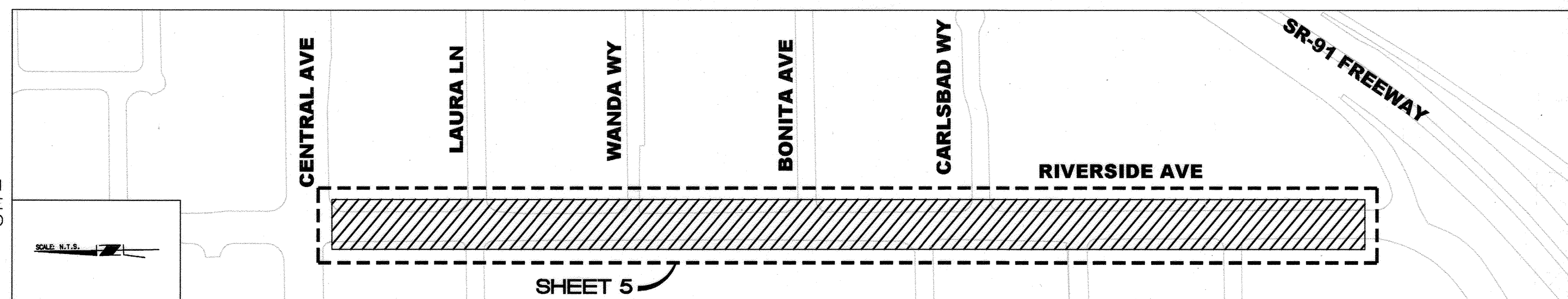
LOCATION 1 MAP / SHEET INDEX
UNIVERSITY AVENUE (ORANGE - PARK)



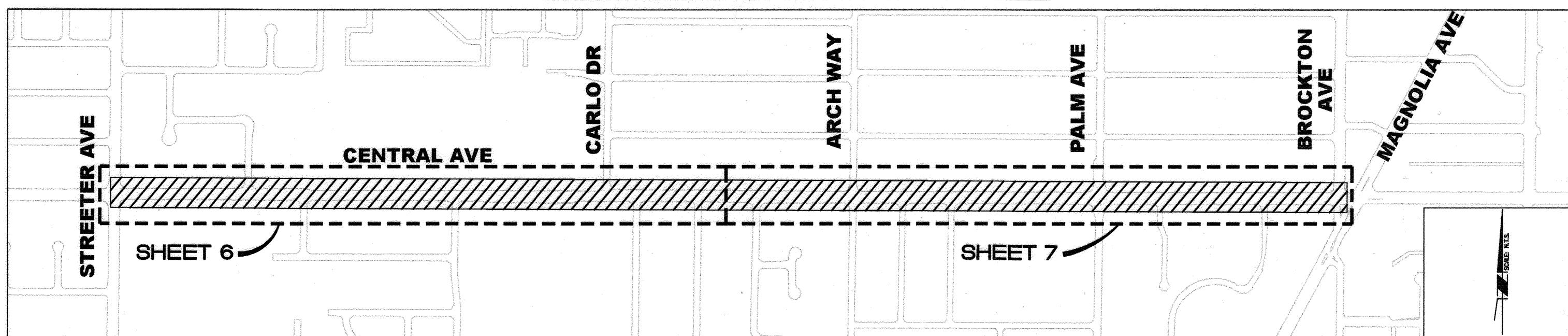
LOCATION 2 MAP / SHEET INDEX
OLIVEWOOD AVENUE (PROSPECT - FOURTEENTH)



LOCATION 3 MAP / SHEET INDEX
RIVERSIDE AVENUE (CENTRAL - WB SR91 OFFRAMP)



LOCATION 4 MAP / SHEET INDEX
CENTRAL AVENUE (STREETER - BROCKTON)



LOCATION MAP LEGEND

- PROJECT LOCATION
- SHEET LIMITS

NOTE:

** ALL UTILITY FACILITIES SHALL BE ADJUSTED TO GRADE AND PAINTED, UNLESS OTHERWISE NOTED, WITHIN NEW DGAC AREAS. **

CONSTRUCTION NOTES (CONTINUED):

- 0.12' DEEP MIN. LINEAR COLD MILL OF EXISTING AC PAVEMENT. ("--" AS FOLLOWS):
 - WIDTH(FEET) OF LINEAR COLD MILL AS INDICATED ON PLANS
 - EG = 5' WIDE EDGE GRIND STARTING 6-9" AWAY FROM EDGE OF ASPHALT BERM TO LIMITS SHOWN ON PLAN. AFTER GRINDING, CRACK FILL ANY REMAINING CRACKS BETWEEN GRIND LIMITS AND ASPHALT BERM. REPLACE ANY BERM DAMAGED BY THE COLD MILLING OPERATIONS AT THE DIRECTION OF THE ENGINEER.
- VARIABLE AREA COLD MILL OF EXISTING AC PAVEMENT. ("--" AS FOLLOWS):
 - DEPTH(FEET) OF VARIABLE AREA COLD MILL
- VARIABLE AREA FULL DEPTH COLD MILL TO REMOVE EXISTING PAVEMENT SECTION DOWN TO BASE MATERIAL OR NATIVE SOIL. NATIVE SOIL AND/OR BASE SHALL BE REMOVED AND COMPACTED AS NECESSARY TO INSTALL 0.5' MIN. REPLACEMENT PAVEMENT SECTION. OVERLAY EXISTING PAVEMENT WITH DGAC BETWEEN EDGES OF PAVEMENT OR AS OTHERWISE INDICATED ON PLAN. ("--" = DEPTH PER PLAN OR AS FOLLOWS):
 - FD = REPLACEMENT OF EXISTING FULL-DEPTH PAVEMENT SECTION WITH DGAC INCLUDING ANY OTHER SURFACE APPLICATION AS INDICATED ON PLANS OVER NATIVE SOIL/BASE. REPLACEMENT DGAC SECTION THICKNESS SHALL BE REDUCED TO ACCOUNT FOR ADDITIONAL SURFACE APPLICATIONS AS INDICATED ON PLANS TO MAINTAIN THE EXISTING SURFACE ELEVATIONS.
- OVERLAY EXISTING PAVEMENT WITH ("--" AS FOLLOWS):
 - 0.12' = 0.12' MIN. DEPTH (FT) ARHM OVERLAY BETWEEN EDGES OF PAVEMENT OR AS OTHERWISE INDICATED ON PLAN.
 - M1 = 0.12' MIN DEPTH (FT) ARHM OVERLAY FROM 6-9" AWAY FROM EDGE OF ASPHALT BERM TO LIMITS SHOWN ON PLAN. FOG SEAL REMAINING 6-9" OF PAVEMENT BETWEEN OVERLAY AND ASPHALT BERM.
- INSTALL NEW DGAC OVER NATIVE SOIL. EXISTING PAVEMENT AND NATIVE SOIL SHALL BE REMOVED AND COMPACTED AS NECESSARY TO INSTALL MINIMUM PAVEMENT SECTION DESCRIBED ("--" AS FOLLOWS):
 - M1 = REMOVE 1700 SF OF EXISTING MEDIAN AND REPLACE WITH NEW PAVEMENT SECTION OF 0.88' DGAC OVER NATIVE SOIL WITH 0.12' MIN. DEPTH ARHM OVERLAY.
 - M2 = INSTALL 0.25' DGAC OVER NATIVE SOIL. STRAIGHT GRADE FROM INSIDE EDGE OF CM1 GRIND AT EXISTING E.P. TO EASTERLY EDGE OF V-DITCH.
 - M3 = INSTALL MINIMUM 0.5' DGAC OVER NATIVE SOIL AROUND NEW CURB RETURN TO STA 11+79. STRAIGHT GRADE FROM INSIDE EDGE OF "CM1" GRIND TO EDGE OF NEW GUTTER LIP OR V-DITCH EDGE.
 - M4 = INSTALL 0.25' DGAC OVER NATIVE SOIL. BETWEEN STATIONS:
 - 11+54.28 AND 12+47.80 - STRAIGHT GRADE AT 2% FROM WESTERLY EDGE OF V-DITCH TO BOTTOM OF BERM.
 - 12+78.80 AND 13+36.59 - STRAIGHT GRADE AT 3% FROM WESTERLY EDGE OF V-DITCH TO BOTTOM OF NEW CURB.
 - 13+57.59 AND 15+08.44 - STRAIGHT GRADE AT 2.5% MINIMUM FROM W'LY EDGE OF V-DITCH TO BOTTOM OF EXISTING CURB LEAVING MINIMUM 4" OF CURB FACE EXPOSED.
- CONSTRUCT 10" CONCRETE OVER 6" AGGREGATE BASE. BASE OR SUBGRADE SHALL BE REMOVED AND COMPACTED AS NECESSARY TO INSTALL SECTION PER 303-5 OF THE SPECIAL PROVISIONS. SHALL USE #3 REINFORCING BARS @ 12" O.C. IN BOTH DIRECTIONS.

CALTRANS PAVING NOTES:

1. RUBBERIZED HOT MIX ASPHALT WITHIN CALTRANS RIGHT OF WAY SHALL BE RHMA TYPE G WITH 1/2-INCH AGGREGATE GRADATION AND PG 64-16 ASPHALT BINDER, AND BE CONSTRUCTED ACCORDING TO CALTRANS 2010 REVISED STANDARD SPECIFICATIONS SECTION 39 AND STANDARD SPECIAL PROVISION 39-3. LIFT THICKNESS SHOULD BE BETWEEN 0.10' AND 0.15'.
2. TACK COAT SHALL BE APPLIED TO EXISTING PAVEMENT INCLUDING PLANNED SURFACES, BETWEEN LAYERS OF HMA AND VERTICAL SURFACES OF CURBS, GUTTERS, AND CONSTRUCTION JOINTS. TACK COAT MUST COMPLY WITH THE SPECIFICATIONS FOR ASPHALT EMULSION IN STANDARD SPECIFICATIONS SECTION 94, "ASPHALTIC EMULSION," OR ASPHALT BINDER IN SECTION 92, "ASPHALT."
3. IF NEEDED IN CALTRANS RIGHT OF WAY, HOT MIX ASPHALT (HMA) SHALL BE TYPE A, WITH 3/4-INCH AGGREGATE GRADATION AND PG 64-28 M ASPHALT BINDER, AND BE CONSTRUCTED ACCORDING TO CALTRANS 2010 STANDARD SPECIFICATIONS SECTION 39 AND STANDARD SPECIAL PROVISION 39-2.

CONSTRUCTION LEGEND:

- CM1 COLDMILL TYPE CM1 & 0.12' ARHM OVERLAY
- CM2/DG AND/OR OL COLDMILL TYPE CM2, NEW DGAC PAVEMENT (DEPTH PER PLAN) & 0.12' ARHM OVERLAY
- CM3/DG FULL DEPTH COLDMILL TYPE CM3, NEW DGAC PAVEMENT & 0.12' ARHM OVERLAY
- PROPOSED CONCRETE SURFACE
- IRV

STREET IMPROVEMENT PLAN INDEX (R-4336)

SHEET NO.	DESCRIPTION
1	TITLE SHEET AND NOTES
2	UNIVERSITY AVENUE (ORANGE - SR91 FREEWAY)
3	UNIVERSITY AVENUE (SR91 FREEWAY - 350' W/O PARK)
4	OLIVEWOOD AVENUE (PROSPECT - FOURTEENTH)
5	RIVERSIDE AVENUE (CENTRAL - SR91 WB OFFRAMP)
6	CENTRAL AVENUE (STREETER - CARLO)
7	CENTRAL AVENUE (CARLO - BROCKTON)
8	CITYWIDE MAINTENANCE LOCATIONS

STRIPING PLAN INDEX (XL-733, XL-734, XL-735 & XL-736)

PLAN NO.	# OF SHEETS	DESCRIPTION
XL-733	3	CENTRAL AVENUE (STREETER - BROCKTON)
XL-734	1	OLIVEWOOD AVENUE (PROSPECT - FOURTEENTH)
XL-735	2	UNIVERSITY AVENUE (ORANGE - PARK)
XL-736	3	RIVERSIDE AVENUE (CENTRAL - SR91 WB OFFRAMP)

STORM DRAIN PLAN INDEX (D-429A)

PLAN NO.	# OF SHEETS	DESCRIPTION
D-871	1	JURUPA AVENUE STORM DRAIN LATERAL "G" NEAR ACORN ST.

CALTRANS ENCROACHMENT PERMIT # 08-15-N-MC-0656 (UNIVERSITY AVENUE)
CALTRANS ENCROACHMENT PERMIT # (RIVERSIDE AVENUE)

STREET MAINTENANCE		DESIGN WORK ORDER NO.:
2015/2016 ARTERIAL STREETS MAINTENANCE, PHASE 1		1521733
TITLE SHEET AND NOTES		CONSTR. WORK ORDER NO.:
R-4336		1521748
SHEET 1 OF 8		
FILE NAME: R4336-01.DWG		

Under Ground Service Alert of Southern California
Call: TOLL FREE 1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

ENGINEER IN RESPONSIBLE CHARGE
Edward Lora
R.C.E. No. 63753 EXPIRES: 9-30-16
DATE: December 1, 2015

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER			
CONSTRUCTION ADMIN.			
TRAFFIC DIVISION			
SURVEY			
STREETS			

DESIGNED BY	DRAWN BY	CHECKED BY	EL

SR91 FREEWAY OVERPASS

VINE STREET

SANTA FE AVENUE

COMMERCE STREET

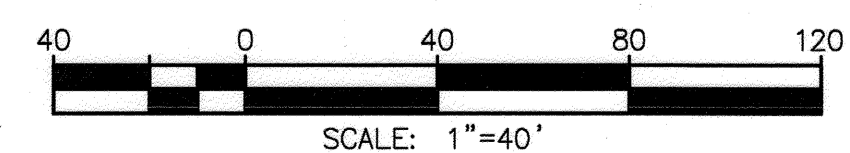
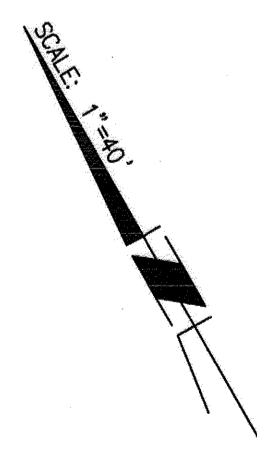
MATCH LINE A-A (SEE SHEET 2)

MATCH LINE B-B

MULBERRY STREET

PARK AVENUE

UNIVERSITY AVENUE

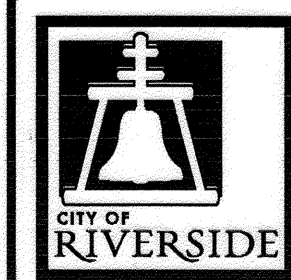


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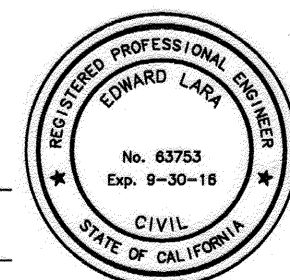
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CALTRANS ENCROACHMENT PERMIT # 08-15-N-MC-0656 (UNIVERSITY AVENUE)

Under Ground Service Alert of Southern California
Call: TOLL FREE 1-800 227-2600
TWO WORKING DAYS BEFORE YOU DIG



ENGINEER IN RESPONSIBLE CHARGE
Edward Lara
Edward Lara
R.C.E. No. 63753 EXPIRES: 9-30-16
DATE: December 4, 2015



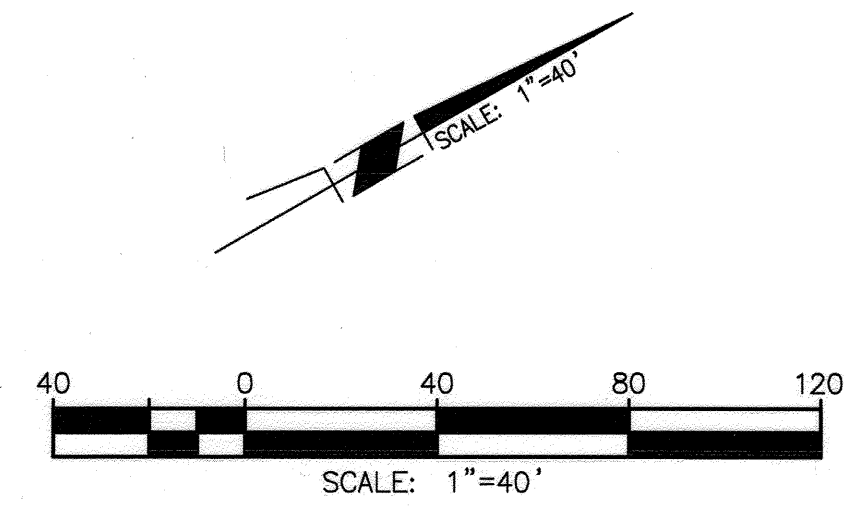
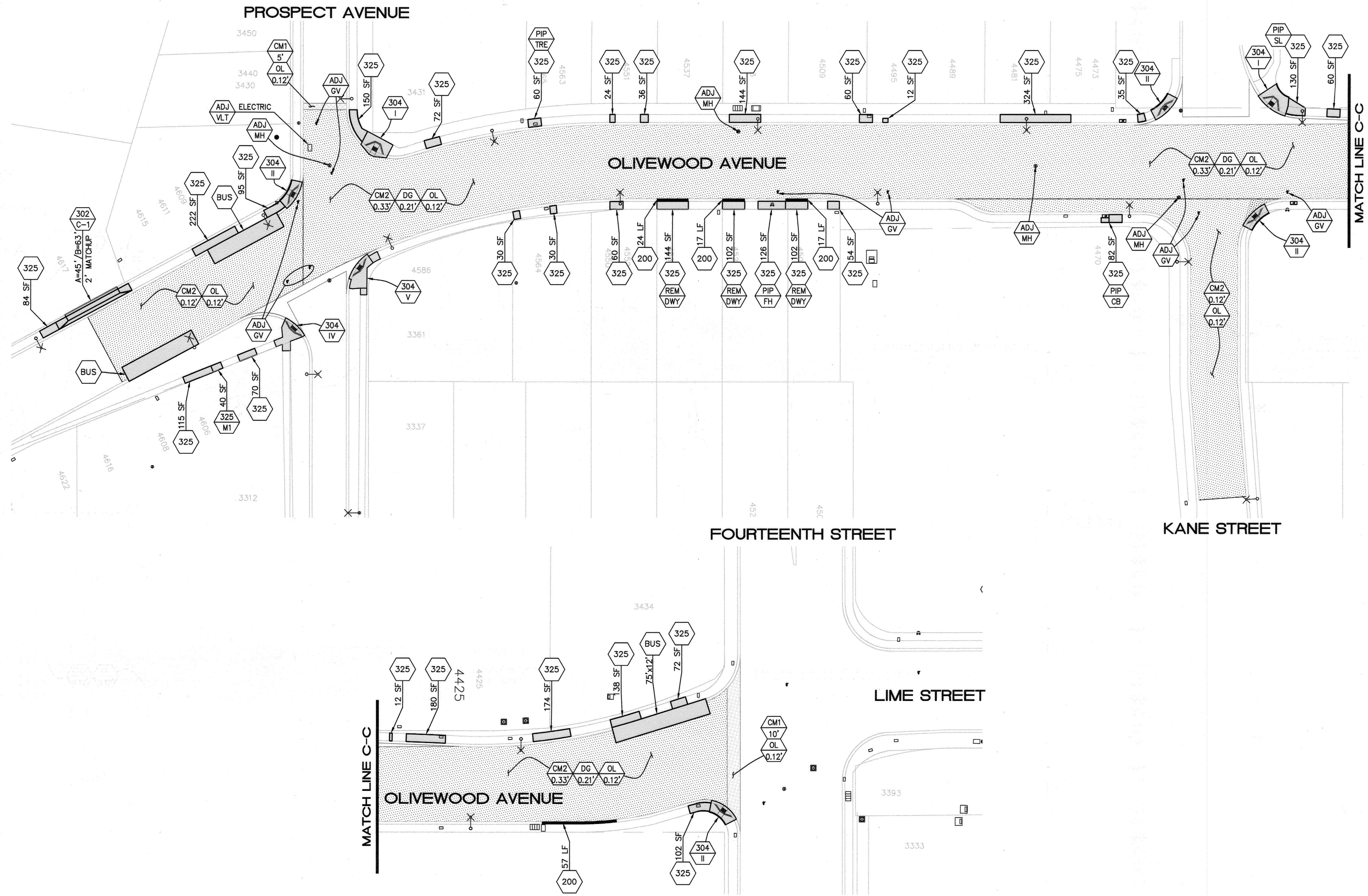
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		
APPROVED BY	BY	DATE
ENGINEERING MANAGER	<i>S.H.</i>	12-4-15
CONSTRUCTION ADMIN.	<i>S.H.</i>	12-3-15
TRAFFIC DIVISION	<i>S.H.</i>	12-4-15
SURVEY		
STREETS		

STREET MAINTENANCE	
2015/2016 ARTERIAL STREETS MAINTENANCE, PHASE 1	
UNIVERSITY AVE (SR91 FREEWAY - 350' W/O PARK)	
HORIZ. SCALE: 1"=40'	VERT. SCALE: NA

DESIGN WORK ORDER NO.: 1521733	CONSTR. WORK ORDER NO.: 1521746
R-4336	
SHEET 3 OF 8	
FILE NAME: R4336-03.DWG	

DESIGNED BY: RO DRAWN BY: RO CHECKED BY: EL



NOTE:
 ** ALL UTILITY FACILITIES SHALL BE ADJUSTED TO GRADE AND PAINTED, UNLESS OTHERWISE NOTED, WITHIN NEW DGAC AREAS. **

Under Ground Service Alert of Southern California
 Call: TOLL FREE 1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

ENGINEER IN RESPONSIBLE CHARGE
 Edward Lara
 R.C.E. No. 63753 EXPIRES: 9-30-16
 DATE: December 1, 2015

MARK	REVISIONS	APPR.	DATE

**CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS**

APPROVED BY	BY	DATE
ENGINEERING MANAGER		
CONSTRUCTION ADMIN.	SN	12-4-15
TRAFFIC DIVISION	EL	12-2-15
SURVEY	CA	12-1-15
STREETS		

APPROVED BY THE CITY ENGINEER
 PER SIGNATURE ON TITLE SHEET

STREET MAINTENANCE

2015/2016 ARTERIAL STREETS MAINTENANCE, PHASE 1

OLIVEWOOD/LIME (PROSPECT - 14TH)

HORIZ. SCALE: 1"=40' VERT. SCALE: NA

DESIGN WORK ORDER NO.: 1521733
 CONSTR. WORK ORDER NO.: 1521746

R-4336

SHEET **4** OF **8**

FILE NAME: R4336-04.DWG

CENTRAL AVENUE

LAURA LANE

WANDA WAY

BONITA AVENUE

RIVERSIDE AVENUE

CARLSBAD WAY

SR91 FREEWAY WB OFFRAMP

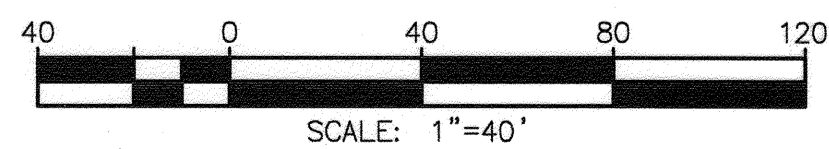
RIVERSIDE AVENUE

CARLSBAD WAY

NELSON STREET

BRYCE WAY

SCALE: 1"=40'



SCALE: 1"=40'

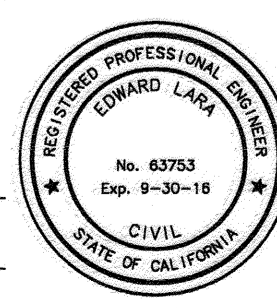
NOTE:

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CALTRANS ENCROACHMENT PERMIT # _____ (RIVERSIDE AVENUE)

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TWO WORKING DAYS BEFORE YOU DIG

ENGINEER IN RESPONSIBLE CHARGE
Edward Lara
R.C.E. No. 63753 EXPIRES: 9-30-16
DATE: December 1, 2015



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		
APPROVED BY	BY	DATE
ENGINEERING MANAGER		
CONSTRUCTION ADMIN.		
TRAFFIC DIVISION		
SURVEY		
STREETS		

STREET MAINTENANCE	
2015/2016 ARTERIAL STREETS MAINTENANCE, PHASE 1	
RIVERSIDE AVE (CENTRAL - SR91 WB OFFRAMP)	
HORIZ. SCALE: 1"=40'	VERT. SCALE: NA

DESIGN WORK ORDER NO.: 1521733	R-4336
CONSTR. WORK ORDER NO.: 1521746	
APPROVED BY THE CITY ENGINEER PER SIGNATURE ON TITLE SHEET	
SHEET 5 OF 8	
FILE NAME: R4336-05.DWG	

STREETER AVENUE

HOMESTEAD PLACE

CENTRAL AVENUE

CENTRAL AVENUE

CAPISTRANO WAY

MONTCLAIR DRIVE

CARLO DRIVE

CENTRAL AVENUE

NICOLETT STREET

BELINDA DRIVE

MATCH LINE E-E

MATCHLINE E-E

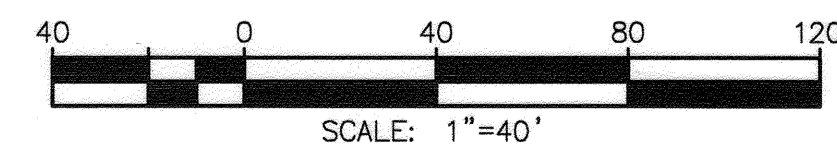
MATCHLINE F-F

MATCH LINE F-F

MATCHLINE G-G (SEE SHEET 7)

NOTE:

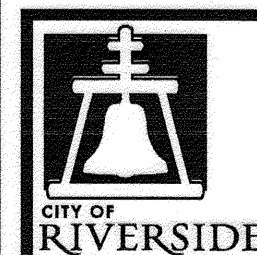
** ALL UTILITY FACILITIES SHALL BE ADJUSTED TO GRADE AND PAINTED, UNLESS OTHERWISE NOTED, WITHIN NEW DGAC AREAS. **



SCALE: 1"=40'

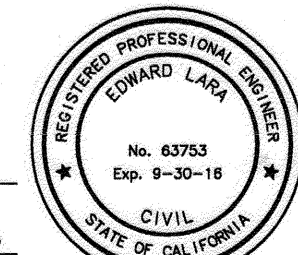


Under Ground Service Alert of Southern California
Call: TOLL FREE 1-800 227-2600
TWO WORKING DAYS BEFORE YOU DIG



ENGINEER IN RESPONSIBLE CHARGE

Edward Lara
R.C.E. No. 63753 EXPIRES: 9-30-16
DATE: December 1, 2015



MARK	REVISIONS	APPR.	DATE
DESIGNED BY	RO	DRAWN BY	RO
CHECKED BY	EL		

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
ENGINEERING MANAGER	SM	12-2-15
CONSTRUCTION ADMIN.	SM	12-2-15
TRAFFIC DIVISION		12-7-15
SURVEY		
STREETS		

APPROVED BY THE CITY ENGINEER PER SIGNATURE ON TITLE SHEET

STREET MAINTENANCE

2015/2016 ARTERIAL STREETS MAINTENANCE, PHASE 1

CENTRAL AVE (STREETER - BELINDA)

HORIZ. SCALE: 1"=40' VERT. SCALE: NA

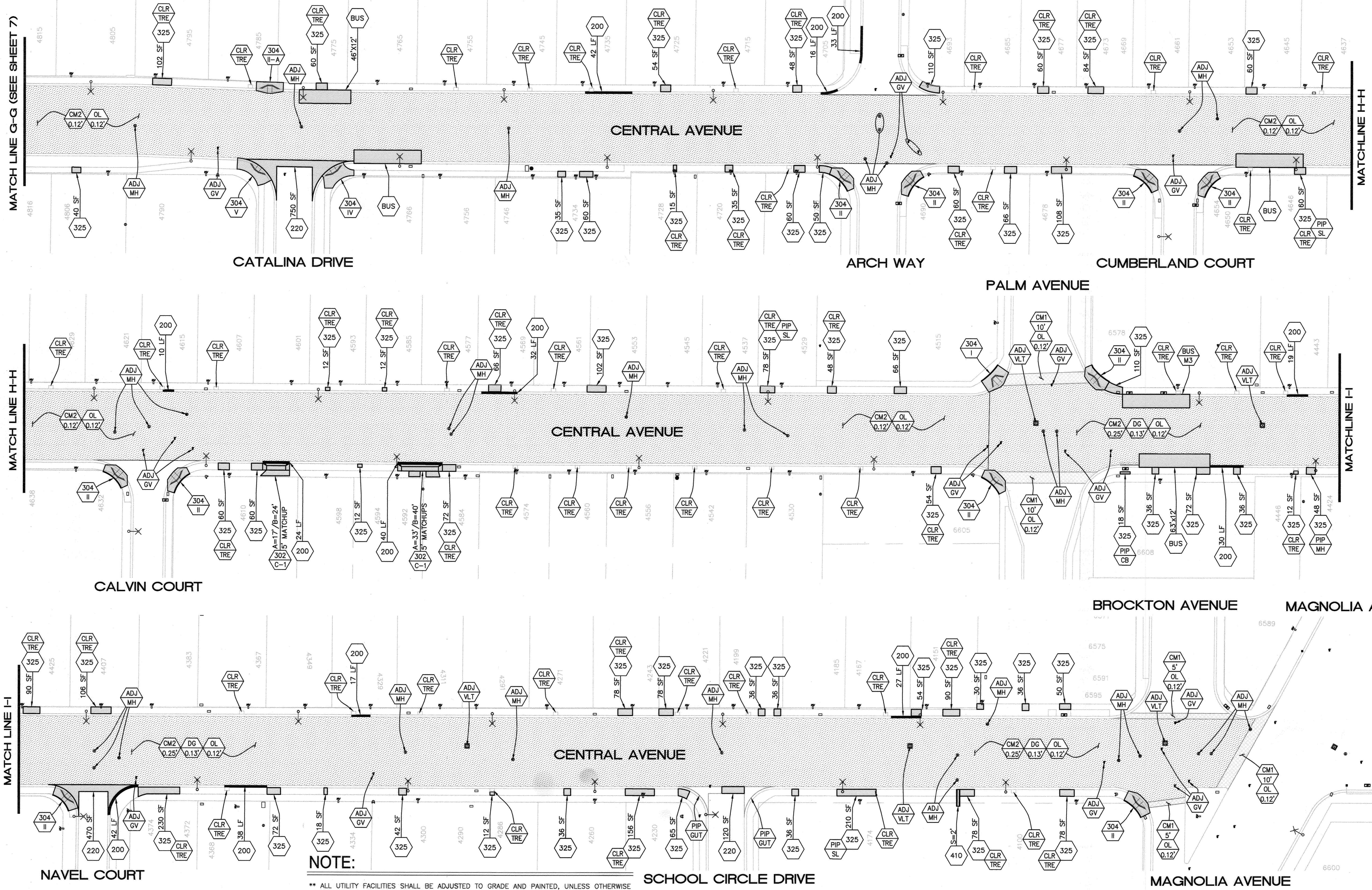
DESIGN WORK ORDER NO.: 1521733

CONSTR. WORK ORDER NO.: 1521746

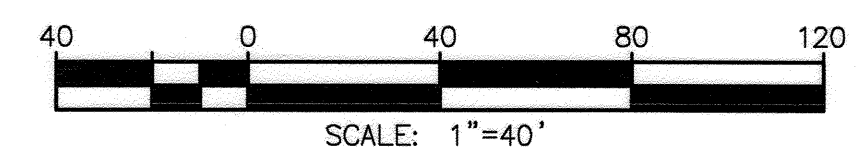
R-4336

SHEET 6 OF 8

FILE NAME: R4336-06.DWG



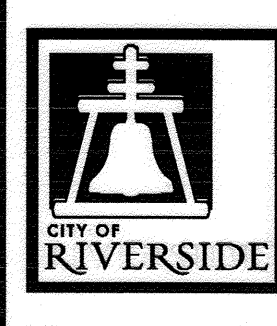
SCALE: 1"=40'



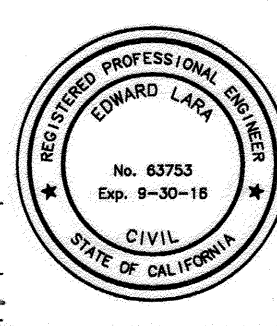
NOTE:

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ENGINEER IN RESPONSIBLE CHARGE
 Edward Lara
 R.C.E. No. 63753 EXPIRES: 9-30-16
 DATE: December 1, 2015



MARK	REVISIONS	APPR.	DATE

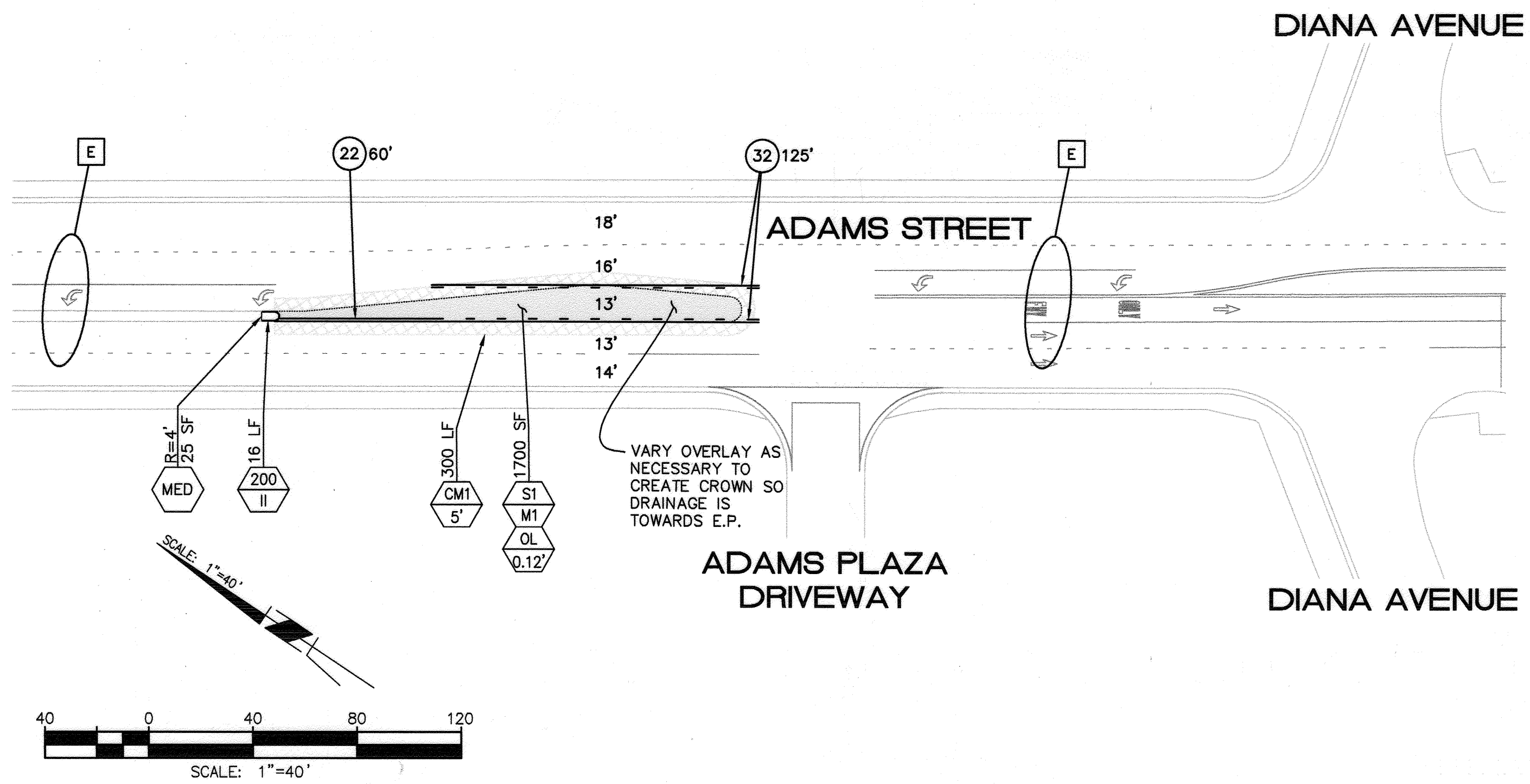
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature] DATE: 12-9-15
 ENGINEERING MANAGER
 CONSTRUCTION ADMIN. [Signature] DATE: 12-8-15
 TRAFFIC DIVISION [Signature] DATE: 12-7-15
 SURVEY
 APPROVED BY THE CITY ENGINEER PER SIGNATURE ON TITLE SHEET

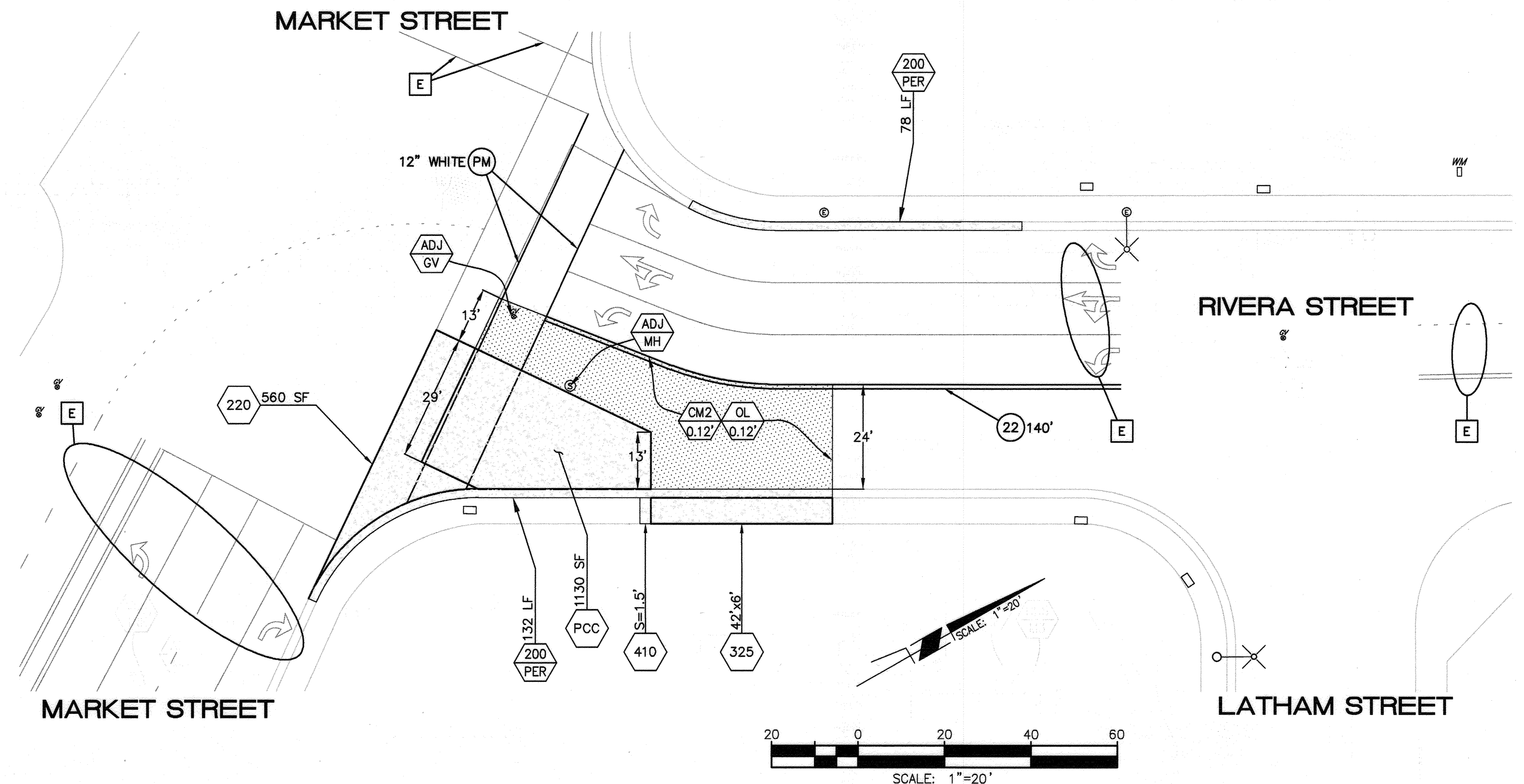
STREET MAINTENANCE
 2015/2016 ARTERIAL STREETS MAINTENANCE, PHASE 1
 CENTRAL AVE (CATALINA - BROCKTON)
 HORIZ. SCALE: 1"=40' VERT. SCALE: NA

DESIGN WORK ORDER NO.: 1521733
 CONSTR. WORK ORDER NO.: 1521746
R-4336
 SHEET **7** OF **8**
 FILE NAME: R4336-07.DWG

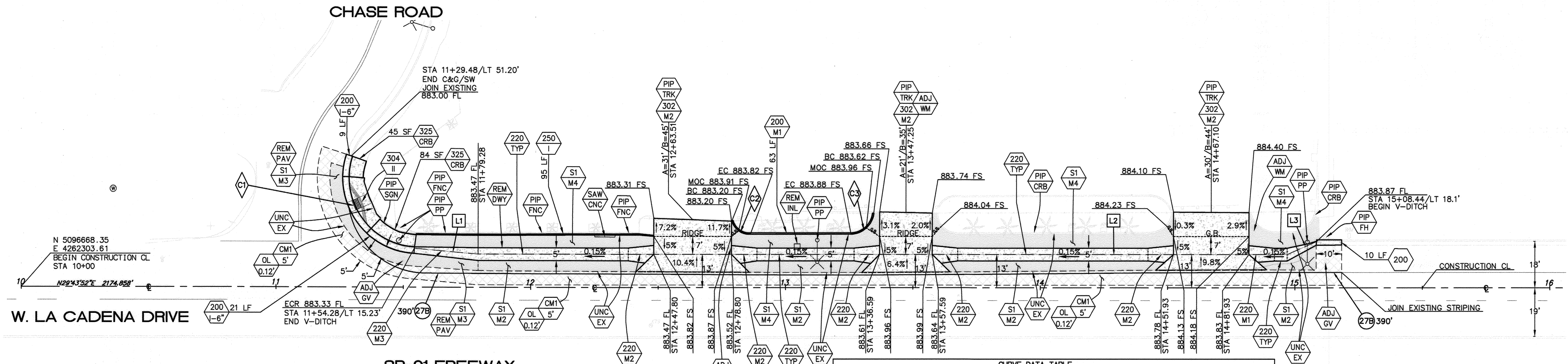
MEDIAN REMOVAL AND RE-STRIPING ON ADAMS STREET (SCALE 1"=40')



PCC PAD ON RIVERA STREET E/O MARKET STREET (SCALE 1"=20')



PARKWAY IMPROVEMENTS ON W. LA CADENA STREET AND CHASE ROAD (SCALE 1"=20')



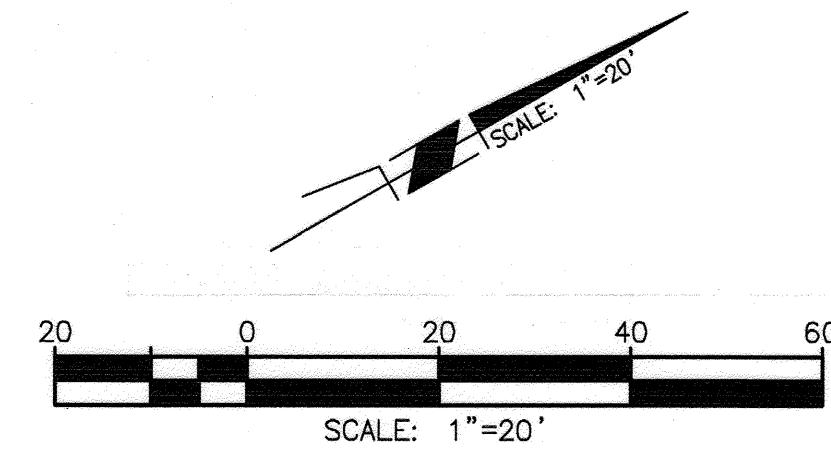
CURVE DATA TABLE

CURVE	TANGENT	LENGTH	RADIUS	DELTA	REMARK
C1	36.01'	50.51'	27.50'	105°17'51"	TYPE I - 6" CURB RETURN
C2	5.74'	9.65'	9.00'	77°49'56"	TYPE II MOD CURB
C3	8.01'	13.18'	9.00'	82°01'53"	TYPE II MOD CURB

LINE DATA TABLE

LINE	BEARING	DISTANCE	REMARK
L1	S34°49'52"W	25.10'	FL TRANSITION FROM GUTTER
L2	S29°43'52"W	317.65'	V-DITCH FL
L3	S05°49'25"W	12.60'	FL TRANSITION TO GUTTER

NOTE:
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 TWO WORKING DAYS BEFORE YOU DIG

ENGINEER IN RESPONSIBLE CHARGE
 Edward Lara
 R.C.E. No. 63753 EXPIRES: 9-30-16
 DATE: December 1, 2015

PROFESSIONAL ENGINEER
 No. 63753
 Exp. 9-30-16
 CIVIL
 STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature] BY: [Signature] DATE: 12-4-15
 ENGINEERING MANAGER
 CONSTRUCTION ADMIN. [Signature] 12-2-15
 TRAFFIC DIVISION [Signature] 12-7-15
 SURVEY
 STREETS

APPROVED BY THE CITY ENGINEER PER SIGNATURE ON TITLE SHEET

STREET MAINTENANCE

2015/2016 ARTERIAL STREETS MAINTENANCE, PHASE 1

CITYWIDE MAINTENANCE LOCATIONS

HORIZ. SCALE: VAR. VERT. SCALE: NA

DESIGN WORK ORDER NO.: 1521733
 CONSTR. WORK ORDER NO.: 1521746

R-4336

SHEET **8** OF **8**

FILE NAME: R4336-08.DWG