

GENERAL CONSTRUCTION NOTES:

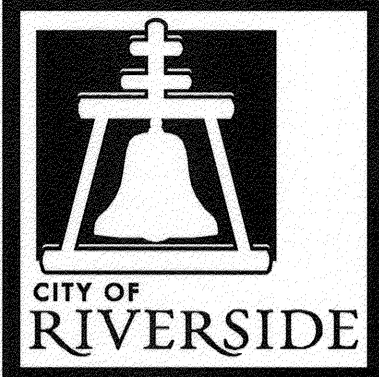
- 1 THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC AS INDICATED IN THE ASSOCIATED PROJECT SPECIAL PROVISIONS.
- 2 CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2012 EDITION.
- 3 EXISTING UTILITIES SHOWN ON 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 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" OR "C-12".
- 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 ENGINEERING AFTER COLD-MILLING AND PRIOR TO PLACEMENT OF DGAC.
- 10 CONTRACTOR SHALL REMOVE ALL VEGETATION AND CLEAR ALL DIRT 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.
- 13 ALL DIMENSIONS SHOWN ADJACENT TO C&G ARE TO THE FACE OF CURB.
- 14 SEE STRIPING & TRAFFIC SIGNAL PLANS FOR REMOVAL, REPLACEMENT, AND RELOCATION OF EXISTING SIGNING, STRIPING, LOOPS, AND TRAFFIC EQUIPMENT.
- 15 THE CONTRACTOR SHALL NOTIFY JOHN OSORNIA OF METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA'S WATER SYSTEM OPERATIONS GROUP, TELEPHONE (951) 710-5570, AT LEAST TWO WORKING DAYS PRIOR TO STARTING ANY WORK ON MONROE STREET INTERSECTION.

CONSTRUCTION NOTES:

- ADJ. REMOVE AND REPLACE IN KIND NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN PER 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. (RM) REMOVAL.
- ADJ. 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) WATER VAULT. (GRT) ADJUST/RECONSTRUCT GRATE INLET.
- PIP. PROTECT IN PLACE, DESCRIPTION PER PLAN. (MH) SEWER OR STORM DRAIN. (GV) GATE VALVE. (WM) WATER METER. (PB) PULLBOX. (SL) STREET LIGHT. (TR) TRAFFIC SIGNAL EQUIPMENT. (TRE) TREE. (DWY) DRIVEWAY. (CO) CLEANOUT. (CB) CATCH BASIN. (GUT) CROSS-GUTTER. (TEL) TELEPHONE VAULT. (RMP) WHEELCHAIR RAMP.
- REM. REMOVE EXISTING IMPROVEMENT. (TR) REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT INCLUDING PULLBOX, PED PUSH BUTTON POLES, AND FOUNDATIONS AS NECESSARY.
- 200. CONSTRUCT/RECONSTRUCT PCC CURB AND GUTTER PER CITY STANDARD 200 WITH MODIFICATIONS AS FOLLOWS (NOTE: WHEN CURB AND GUTTER IS TO BE REMOVED AND REPLACED, CURB AND GUTTER DIMENSION SHALL MATCH EXISTING):
 - 1-6" = CONSTRUCT NEW TYPE I WITH 6" CURB FACE.
 - II = CONSTRUCT TYPE II CURB MODIFIED TO ADJUST THE CURB HEIGHT AROUND ENTIRE NOSE TO MATCH THE EXISTING CURB HEIGHT AT THE JOIN ON BOTH SIDES.
 - M1 = MODIFIED TYPE C2 MATCHING EXISTING 5" GUTTER WIDTH.
 - M2 = TRANSITION CURB FROM TYPE M1 TO TYPE 1-6"
- 220. CONSTRUCT/RECONSTRUCT CROSS GUTTER PER CITY STANDARD 220:
 - M1 = MODIFIED CROSS GUTTER COMBINING CROSS GUTTER FROM FRONTAGE ROAD WITH NEW CROSS GUTTER FOLLOWING CURB LINE OF MAGNOLIA AVENUE.
- 302. CONSTRUCT/RECONSTRUCT DRIVEWAY APPROACH PER CITY STANDARD 302:
 - PL1 = TYPE PL-I; PL2 = TYPE PL-II;
 - C1 = TYPE CURB-I; C2 = TYPE CURB-II;
 - M1 = TYPE PL-II DRIVEWAY APPROACH. STRAIGHT GRADE FROM BOTTOM OF DRIVEWAY LIP TO CROSS GUTTER FLOW LINE.
 - M2 = CONSTRUCT ASPHALT DRIVEWAY PER CITY STANDARD 302.
- 304. CONSTRUCT/RECONSTRUCT WHEELCHAIR RAMP PER CITY STANDARD 304:
 - I = TYPE I; II = TYPE II; III = TYPE III; IV = TYPE IV; V = TYPE V;
 - GRD = GRIND EXISTING CONCRETE LIP AT BOTTOM OF RAMP ONLY.
 - M1 = CONSTRUCT MODIFIED TYPE I RAMP, INSTALL ONLY ONE WING WITH RETAINING CURB. RECONSTRUCT SIDEWALK PANELS AND CURB AROUND THE CURB RETURN.
 - M2 = CONSTRUCT MODIFIED TYPE I RAMP, INSTALL ONLY ONE WING WITH RETAINING CURB. MODIFY/EXTEND IRRIGATION AND LANDSCAPING FOR NEW RETAINING CURB.
 - M3 = CONSTRUCT MODIFIED TYPE III RAMP, INSTALL EXTENDED RETAINING CURB AROUND MANHOLE. MODIFY/EXTEND IRRIGATION AND LANDSCAPING FOR NEW RETAINING CURB.
 - M4 = CONSTRUCT MODIFIED TYPE VI RAMP WITH RETAINING CURBS AND 2% MAX LANDING IN CENTER.
- 325. CONSTRUCT/RECONSTRUCT SIDEWALK PER CITY STANDARD 325.
 - M1 = PROVIDE A PCC THICKNESS OF 6" ADJACENT TO EXISTING DRIVEWAY APPROACH.
 - M2 = CONSTRUCT ASPHALT SIDEWALK PER DIMENSIONS IN CITY STANDARD 325.
- CM1. 0.12' DEEP MIN. LINEAR COLD MILL OF EXISTING AC PAVEMENT.
 - XX = WIDTH (FEET) OF LINEAR COLD MILL AS INDICATED ON PLANS
- CM2. VARIABLE AREA COLD MILL OF EXISTING AC PAVEMENT.
 - XX = DEPTH (FEET) OF VARIABLE AREA COLD MILL.
- CM3. FULL-DEPTH COLD MILL OF AC PAVEMENT TO EXISTING BASE OR SUBGRADE. BASE OR SUBGRADE SHALL BE REMOVED AND COMPACTED AS NECESSARY TO INSTALL 0.62' MIN. REPLACEMENT PAVEMENT SECTION.
- CM VAR. VARIABLE AREA COLD MILL OF EXISTING AC PAVEMENT AT VARIOUS DEPTHS.
 - VAR = VARIABLE DEPTH "LEVELING" COLD MILL TO REMOVE EXISTING QUARTER CROWN. PROVIDE UNIFORM COLD MILL OF 0.12' THROUGHOUT PAVING LIMITS INDICATED AND PROVIDE ADDITIONAL GRIND OF 0.10' AT QUARTER CROWN AREA. THE DEPTH SHALL TRANSITION TO A MAXIMUM DEPTH OF 0.22' AT THE QUARTER CROWN AREA. COLD MILL SHALL SMOOTHLY TRANSITION BETWEEN 0.10' TO 0.22' WITHIN 5' ON EACH SIDE OF THE QUARTER CROWN AREA.
- OL. OVERLAY EXISTING PAVEMENT WITH DGAC PAVEMENT AS DESCRIBED.
 - 0.12' = 0.12' MIN. DEPTH (FT) ARHM OVERLAY BETWEEN EDGES OF PAVEMENT OR AS OTHERWISE INDICATED ON PLAN.
 - 0.22' = 0.10' DEPTH (FT) DGAC OVERLAY WITH 0.12' ARHM OVERLAY BETWEEN EDGES OF PAVEMENT OR AS OTHERWISE INDICATED ON PLAN.
 - FD = REPLACEMENT OF EXISTING PAVEMENT SECTION WITH FULL DEPTH DGAC OVER NATIVE SOIL/BASE INCLUDING 0.12' MIN. DEPTH ARHM OVERLAY. NATIVE SOIL AND/OR BASE SHALL BE REMOVED AND COMPACTED AS NECESSARY TO INSTALL 0.62' MIN. REPLACEMENT PAVEMENT SECTION (0.5' DGAC/0.12 ARHM). IF EXISTING SECTION IS LARGER THAN 0.62', THEN REPLACEMENT SECTION SHALL MATCH EXISTING DEPTH.
- S1. 0.80' DGAC OVER NATIVE SOIL WITH 0.12' MINIMUM DEPTH ARHM OVERLAY. EXISTING PAVEMENT, CONCRETE, AND/OR NATIVE SOIL SHALL BE REMOVED AND COMPACTED AS NECESSARY TO INSTALL NEW 0.92' MIN. PAVEMENT SECTION. NEW PAVEMENT SURFACE AT MEDIAN NOSES SHALL STRAIGHT GRADE FROM EXISTING EDGES OF PAVEMENT.
- SLR. CONSTRUCT TYPE II SLURRY SEAL AS DESCRIBED IN SPECIAL PROVISIONS.

- BUS. BUS PAD SHALL BE CONSTRUCTED TO THE DIMENSIONS SHOWN ON THE PLAN (MINIMUM 60' LONG UNLESS OTHERWISE NOTED AND 12' WIDE MEASURED FROM MONOLITHIC CURB FACE). 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.
- MED. CONSTRUCT MEDIAN NOSE WITH RADIUS AND CURB HEIGHT AS SHOWN ON PLANS. "R-X" SPECIFIES RADIUS DIMENSION (FT). "L-X" SPECIFIES DISTANCE (FT) THAT MEDIAN NOSE IS TO BE RELOCATED ALONG CENTERLINE FROM ORIGINAL LOCATION. NEW MEDIAN SHALL BE CONSTRUCTED AT STRAIGHT GRADE FROM JOIN TO JOIN. CONSTRUCT 3.5" THICK COLORED STAMPED CONCRETE USING A "MATRETEC" 4"x8" BRICK RUNNING BOND ORIGINAL CAST-IN-PLACE CONCRETE STAMP PATTERN. COLOR SHALL BE L.M. SCOFIELD COMPANY, QUARRY RED.
- E1. CONTRACTOR SHALL COORDINATE ELECTRIC FACILITIES TO BE RELOCATED BY RIVERSIDE PUBLIC UTILITIES, ELECTRIC DIVISION.

RIVERSIDE



CITY OF RIVERSIDE

CALIFORNIA

PUBLIC WORKS DEPARTMENT

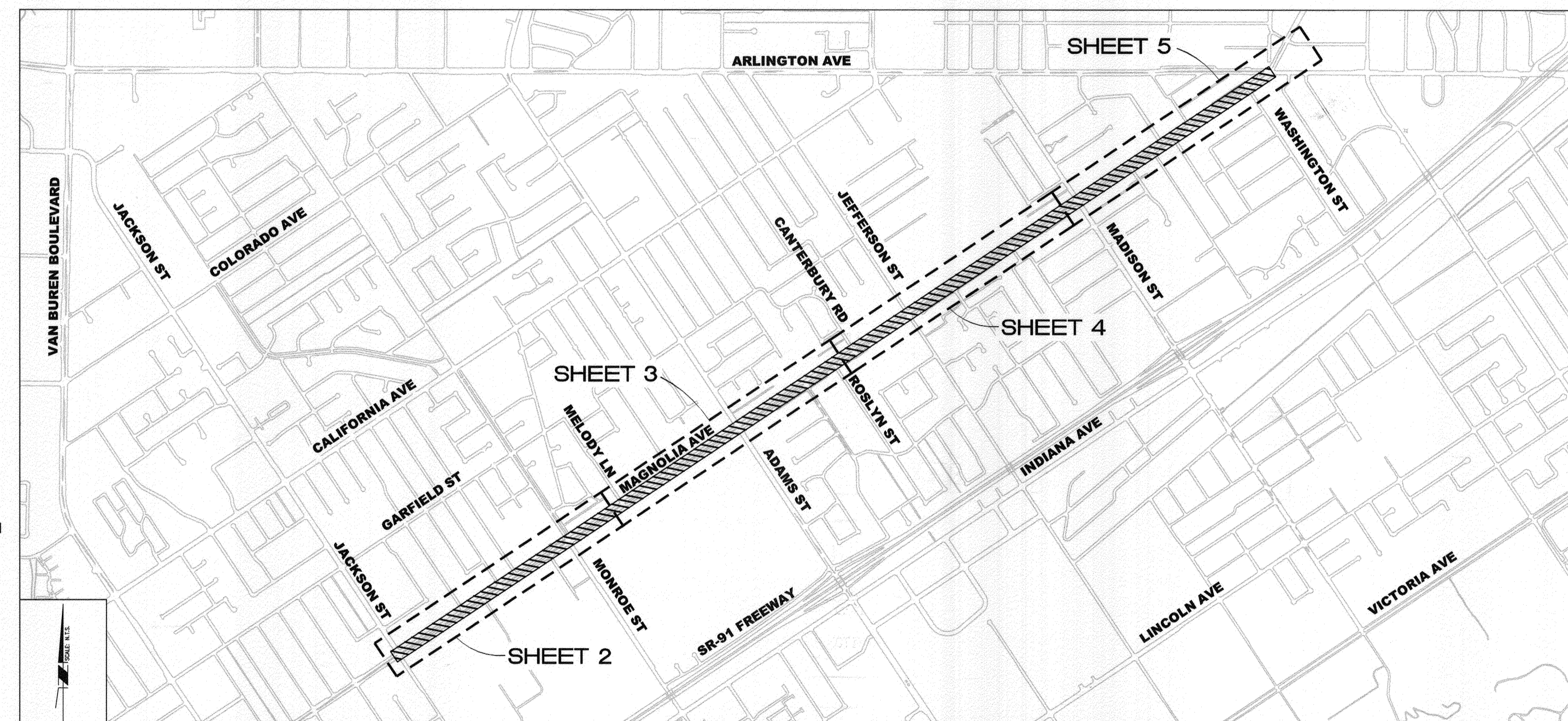
2013/2014

ARTERIAL STREETS MAINTENANCE

MAGNOLIA AVENUE

FROM

JACKSON STREET TO ARLINGTON AVENUE



LOCATION MAP / SHEET INDEX
MAGNOLIA AVENUE (JACKSON - ARLINGTON)
N.T.S.

LOCATION MAP LEGEND

- PROJECT LOCATION
- SHEET LIMITS

CONSTRUCTION LEGEND:

- CM1 COLDMILL TYPE CM1 & 0.12' ARHM OVERLAY
- S1 0.8' DGAC OVER NATIVE & 0.12' ARHM OVERLAY
- CM2 COLDMILL TYPE CM2, NEW DGAC PAVEMENT & 0.12' ARHM OVERLAY
- SLR TYPE II SLURRY SEAL
- CM3 COLDMILL TYPE CM3, FULL DEPTH DGAC REMOVAL, NEW DGAC PAVEMENT & 0.12' ARHM OVERLAY
- PROPOSED CONCRETE SURFACE

EXISTING TOPOGRAPHY:

- SANITARY SEWER M.H.
- GATE VALE
- STORM DRAIN M.H.
- ELECTRIC STRUCTURES
- ELECTRIC M.H.
- FIRE HYDRANT
- WATER M.H.
- ELECTROLYSIS TEST STATION

STREET IMPROVEMENT PLAN INDEX (R-4253)

| SHEET NO. | DESCRIPTION |
|-----------|--------------------------------|
| 1 | TITLE SHEET AND NOTES |
| 2 | MAGNOLIA (JACKSON - MELODY) |
| 3 | MAGNOLIA (MELODY - ROSLYN) |
| 4 | MAGNOLIA (CANTEBURY - MADISON) |
| 5 | MAGNOLIA (MADISON - ARLINGTON) |

STRIPING PLAN INDEX (XL-711)

| PLAN NO. | # OF SHEETS | DESCRIPTION |
|----------|-------------|---------------------------------------|
| XL-711 | 6 | MAGNOLIA AVENUE (JACKSON - ARLINGTON) |

TRAFFIC SIGNAL PLAN INDEX (X-301)

| PLAN NO. | DESCRIPTION |
|----------|--|
| X-301 | TRAFFIC SIGNAL MODIFICATION AT MAGNOLIA AVENUE AND CORTEZ STREET |

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: 9-30-14
DATE September 12, 2013

REGISTERED PROFESSIONAL ENGINEER
No. 63753
Exp. 9-30-14
CIVIL
STATE OF CALIFORNIA

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

| | | | |
|---------------------|----|----------|--------------------|
| APPROVED BY | BY | DATE | APPROVED BY |
| ENGINEERING MANAGER | FM | 9/23/13 | <i>[Signature]</i> |
| CONSTRUCTION ADMIN. | DC | 9/23/13 | CITY ENGINEER |
| TRAFFIC DIVISION | EL | 9-23-13 | |
| SURVEY | OB | 10/20/13 | DATE: 9/25/13 |
| STREETS | | | |

DESIGNED BY RO DRAWN BY RO CHECKED BY EL

STREET MAINTENANCE
2013/2014 ARTERIAL STREETS
MAINTENANCE
MAGNOLIA AVE

TITLE SHEET AND NOTES

HORIZ. SCALE: NA VERT. SCALE: NA

DESIGN WORK ORDER NO.: 1321927
CONSTR. WORK ORDER NO.: 1321928

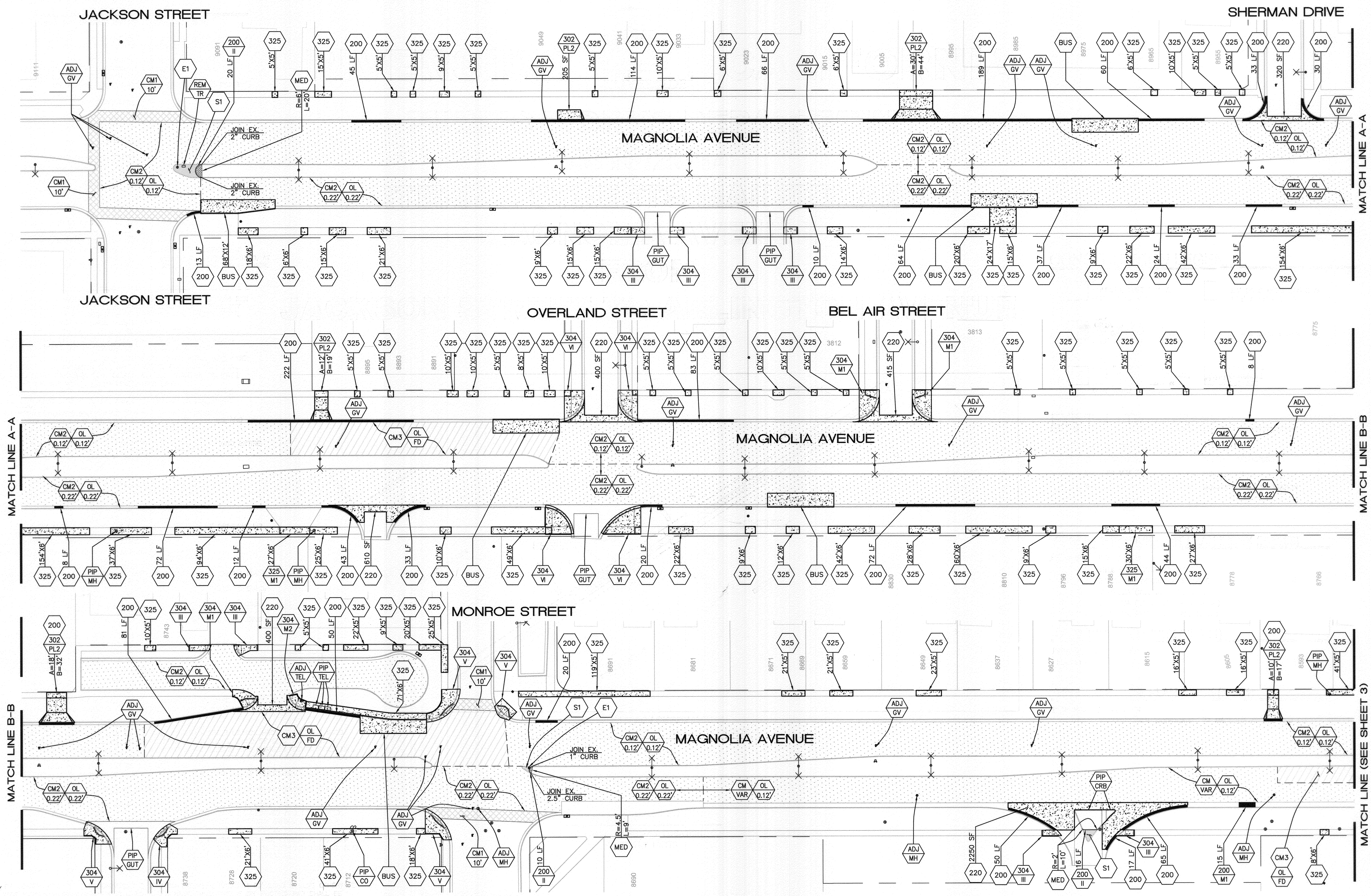
R-4265

SHEET **1** OF **5**

FILE NAME: R4265-01.DWG

AS-BUILT 10-21-15 DC

INDEXED 10-21-15 DC



JACKSON STREET

SHERMAN DRIVE

MAGNOLIA AVENUE

JACKSON STREET

OVERLAND STREET

BEL AIR STREET

MAGNOLIA AVENUE

MONROE STREET

MAGNOLIA AVENUE

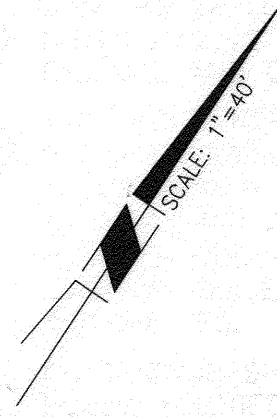
BROADMOOR STREET

MONROE STREET

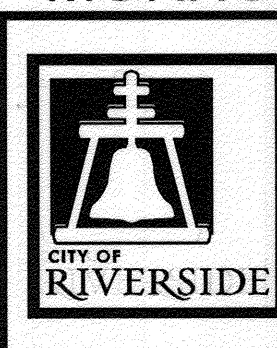
MATCH LINE A-A

MATCH LINE B-B

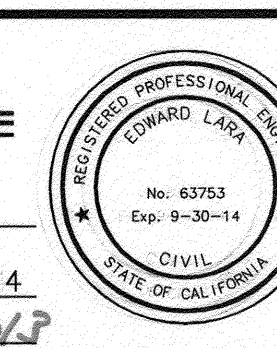
MATCH LINE (SEE SHEET 3)



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ENGINEER IN RESPONSIBLE CHARGE
 Edward Lara
 R.C.E. No. 63753 EXPIRES: 9-30-14
 DATE: September 14, 2013



| MARK | REVISIONS | APPR. | DATE |
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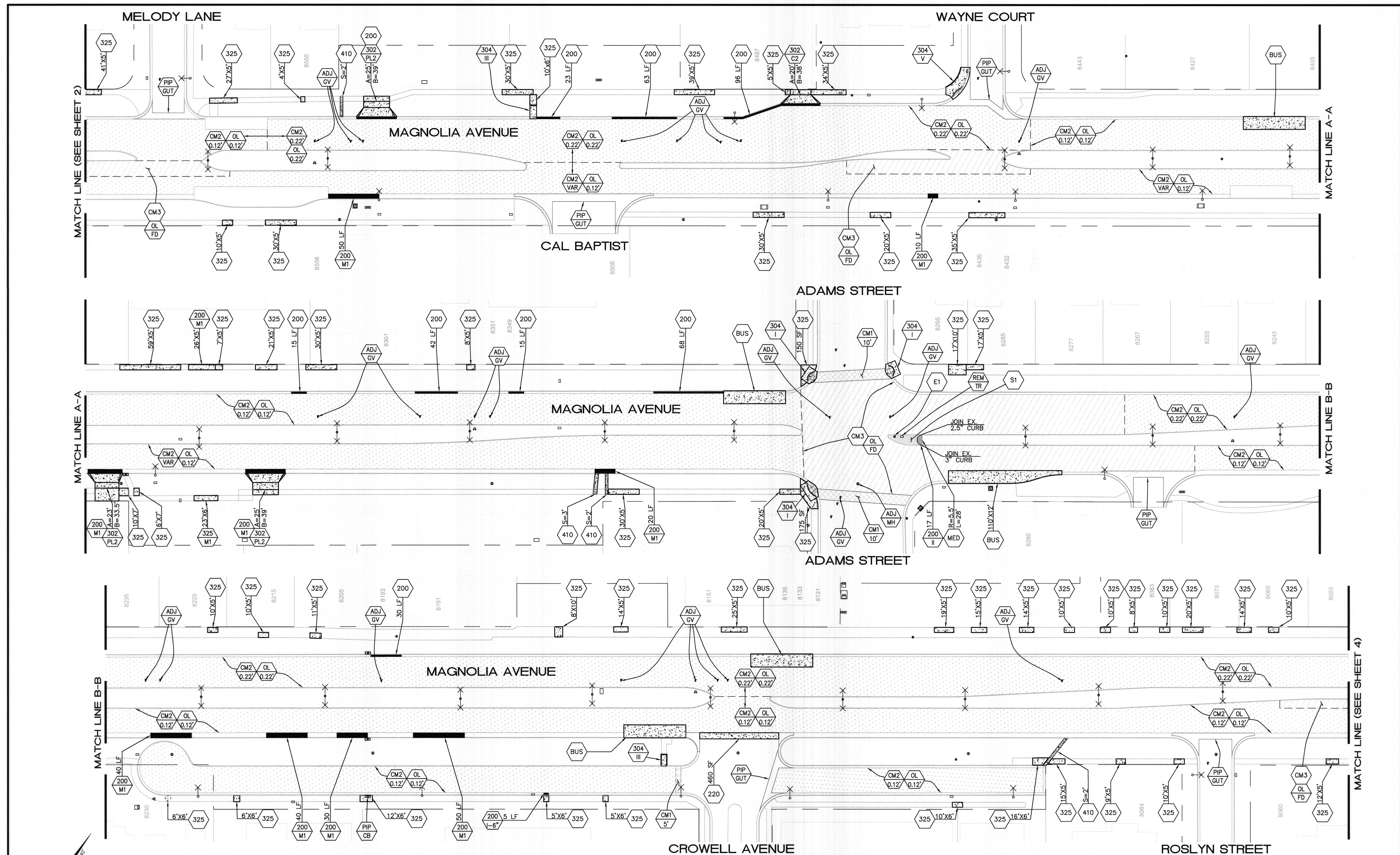
CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

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| APPROVED BY | BY | DATE | APPROVED BY |
| ENGINEERING MANAGER | FM | 9/12/13 | [Signature] |
| CONSTRUCTION ADMIN. | DC | 9/23/13 | CITY ENGINEER |
| TRAFFIC DIVISION | | | |
| SURVEY | | | |
| STREETS | | | |

DATE: 9/26/2013

STREET MAINTENANCE
 2013/2014 ARTERIAL STREETS
 MAINTENANCE
 MAGNOLIA AVE
 MAGNOLIA AVENUE (JACKSON-MELODY)

DESIGN WORK ORDER NO.: 1321927
 CONSTR. WORK ORDER NO.: 1321928
 R-4265
 SHEET 2 OF 5
 FILE NAME: R4265-02.DWG



MATCH LINE (SEE SHEET 2)

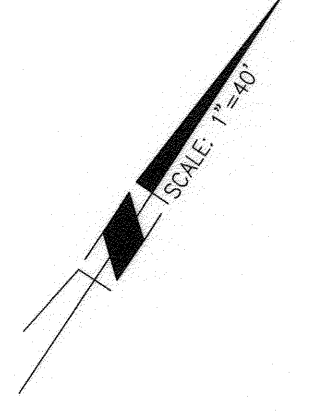
MATCH LINE A-A

MATCH LINE A-A

MATCH LINE B-B

MATCH LINE B-B

MATCH LINE (SEE SHEET 4)



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ENGINEER IN RESPONSIBLE CHARGE

 Edward Lara
 R.C.E. No. 63753 EXPIRES: 9-30-14
 DATE: September 14, 2013

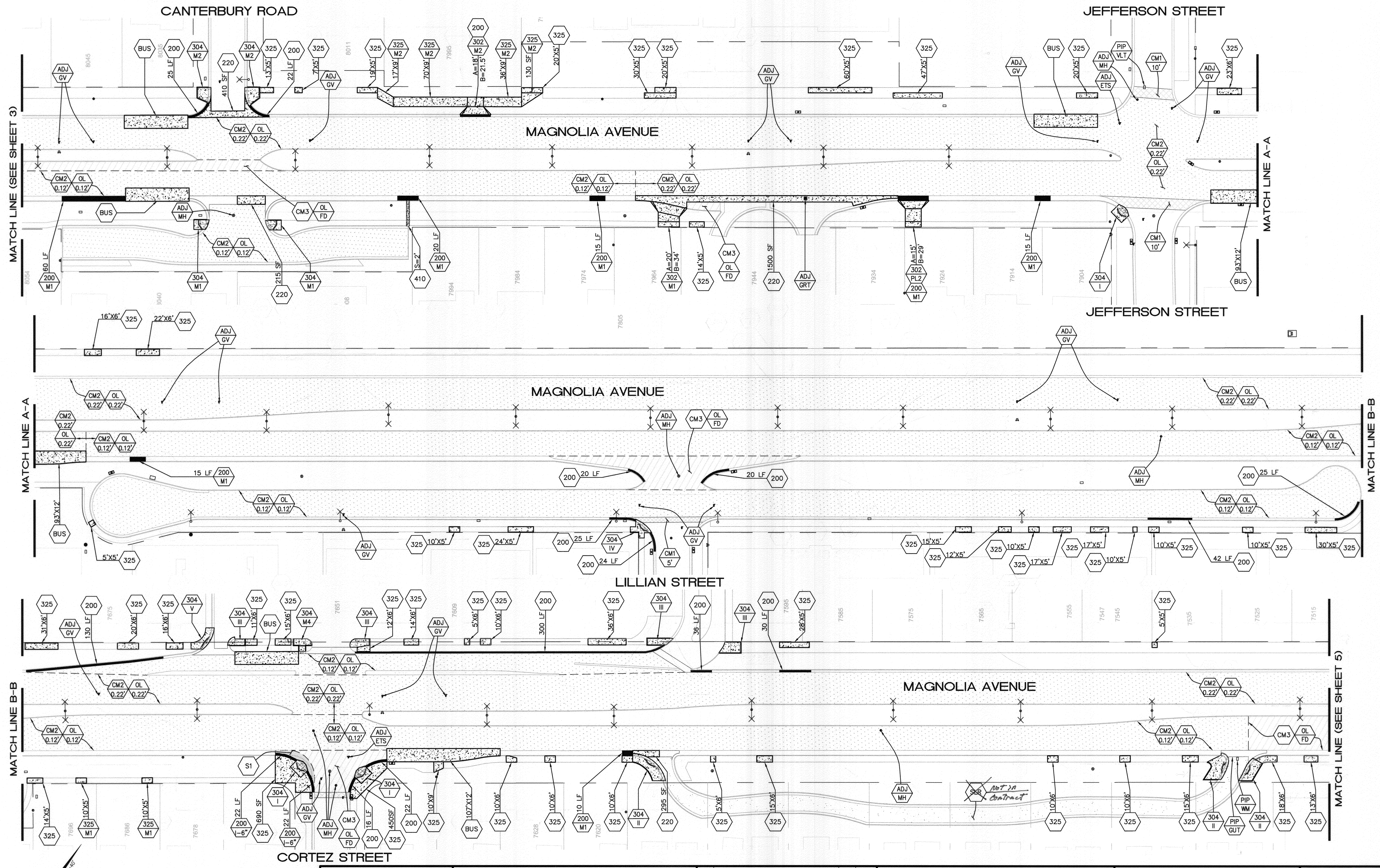
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CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

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| APPROVED BY | BY | DATE | APPROVED BY |
| ENGINEERING MANAGER | EL | 9/23/13 | <i>[Signature]</i> |
| CONSTRUCTION ADMIN. | EL | 9/23/13 | CITY ENGINEER |
| TRAFFIC DIVISION | EL | 9-23-13 | DATE: <u>9/25/2013</u> |
| SURVEY | EL | | |
| STREETS | | | |

STREET MAINTENANCE
2013/2014 ARTERIAL STREETS
MAINTENANCE
MAGNOLIA AVE
 MAGNOLIA AVENUE (MELODY-ROSLYN)
 HORIZ. SCALE: 1"=40' VERT. SCALE: NA

DESIGN WORK ORDER NO.: 1321927
 CONSTR. WORK ORDER NO.: 1321928
R-4265
 SHEET **3** OF **5**
 FILE NAME: R4265-03.DWG



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ENGINEER IN RESPONSIBLE CHARGE
 Edward Lara
 R.C.E. No. 63753 EXPIRES: 9-30-14
 DATE: September 14, 2013

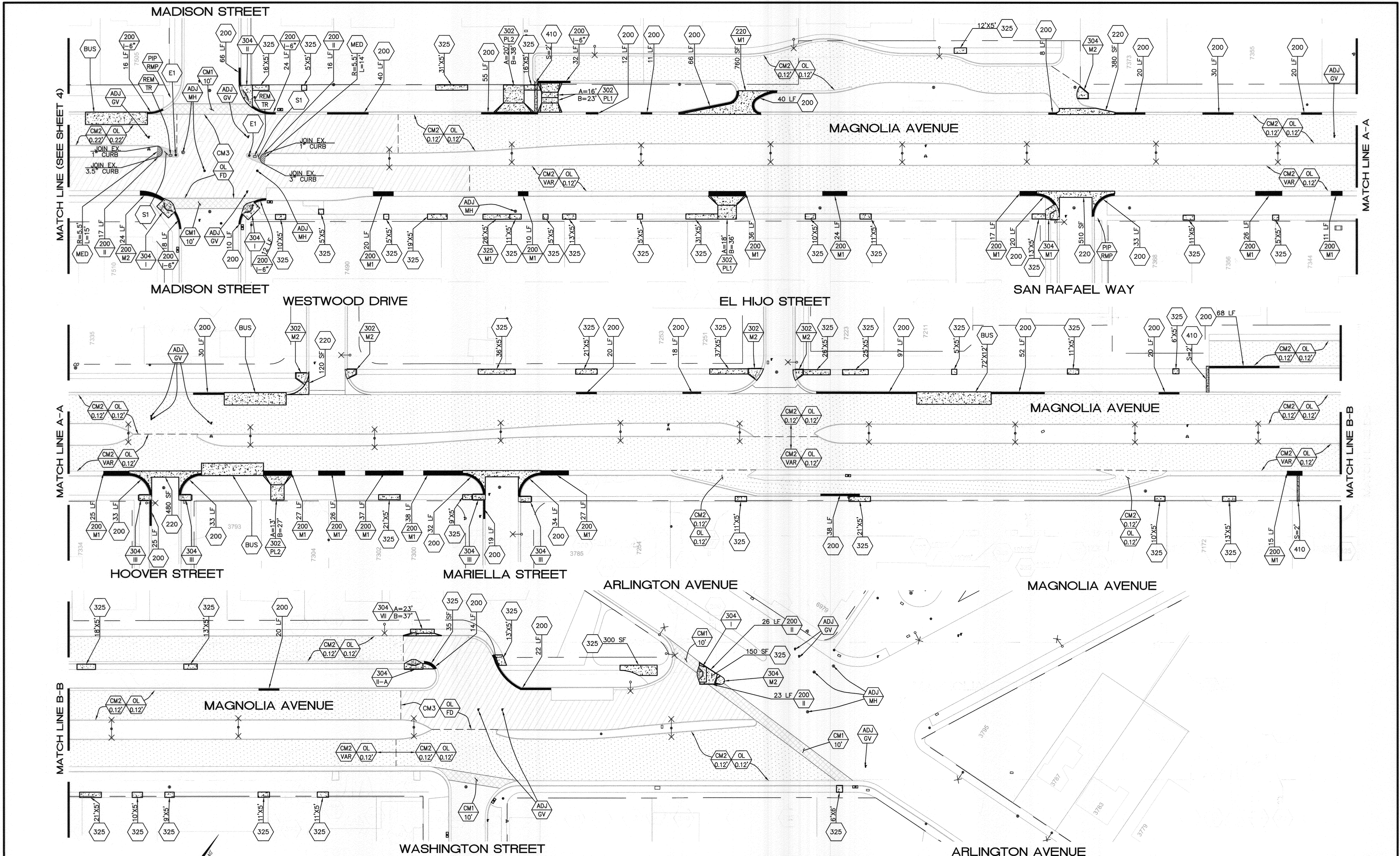
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CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

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| APPROVED BY | BY | DATE | APPROVED BY |
| ENGINEERING MANAGER | FM | 9/23/13 | CITY ENGINEER |
| CONSTRUCTION ADMIN. | DC | 9/23/13 | |
| TRAFFIC DIVISION | | | |
| SURVEY | | | |
| STREETS | | | |

STREET MAINTENANCE
2013/2014 ARTERIAL STREETS
MAINTENANCE
MAGNOLIA AVE
 MAGNOLIA AVENUE (CANTERBURY-MADISON)
 HORIZ. SCALE: 1"=40' VERT. SCALE: NA

DESIGN WORK ORDER NO.: 1321927
 CONSTR. WORK ORDER NO.: 1321928
R-4265
 SHEET **4** OF **5**
 FILE NAME: R4265-04.DWG



MATCH LINE (SEE SHEET 4)

MATCH LINE A-A

MATCH LINE A-A

MATCH LINE B-B

MATCH LINE B-B

MADISON STREET

MAGNOLIA AVENUE

MADISON STREET

WESTWOOD DRIVE

EL HIJO STREET

SAN RAFAEL WAY

MAGNOLIA AVENUE

HOOVER STREET

MARIELLA STREET

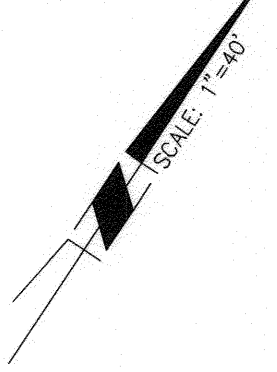
ARLINGTON AVENUE

MAGNOLIA AVENUE

MAGNOLIA AVENUE

WASHINGTON STREET

ARLINGTON AVENUE



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ENGINEER IN RESPONSIBLE CHARGE
Edward Lara
Edward Lara
R.C.E. No. 63753 EXPIRES: 9-30-14
DATE: September 12, 2013

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

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

| | | | |
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| APPROVED BY | DATE | APPROVED BY | DATE |
| ENGINEERING MANAGER | 9/23/13 | CITY ENGINEER | 9/25/13 |
| CONSTRUCTION ADMIN. | | | |
| TRAFFIC DIVISION | | | |
| SURVEY | | | |
| STREETS | | | |

STREET MAINTENANCE
2013/2014 ARTERIAL STREETS MAINTENANCE
MAGNOLIA AVE
MAGNOLIA AVENUE (MADISON-ARLINGTON)
HORIZ. SCALE: 1"=40' VERT. SCALE: NA

DESIGN WORK ORDER NO.: 1321927
CONSTR. WORK ORDER NO.: 1321928
R-4265
SHEET **5** OF **5**
FILE NAME: R4265-05.DWG