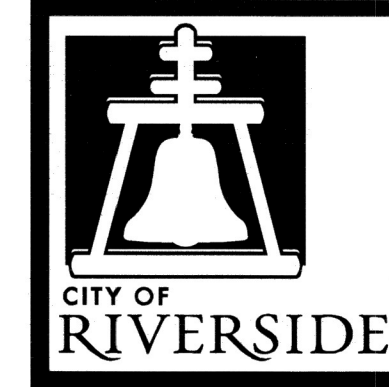


# RIVERSIDE



# CALIFORNIA

## PUBLIC WORKS DEPARTMENT

### 2018/2019 CDBG - WARD 6

# STREET/STORM DRAIN IMPROVEMENTS FOR TOMLINSON AVENUE FROM WELLS AVENUE TO COOK AVENUE, MULL AVENUE AND COOK AVENUE FROM TYLER STREET TO TOMLINSON AVENUE A HUD FUNDED PROJECT

#### 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. 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. ALL EXISTING IMPROVEMENTS SHOWN HEREON SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.

#### CONSTRUCTION NOTES:

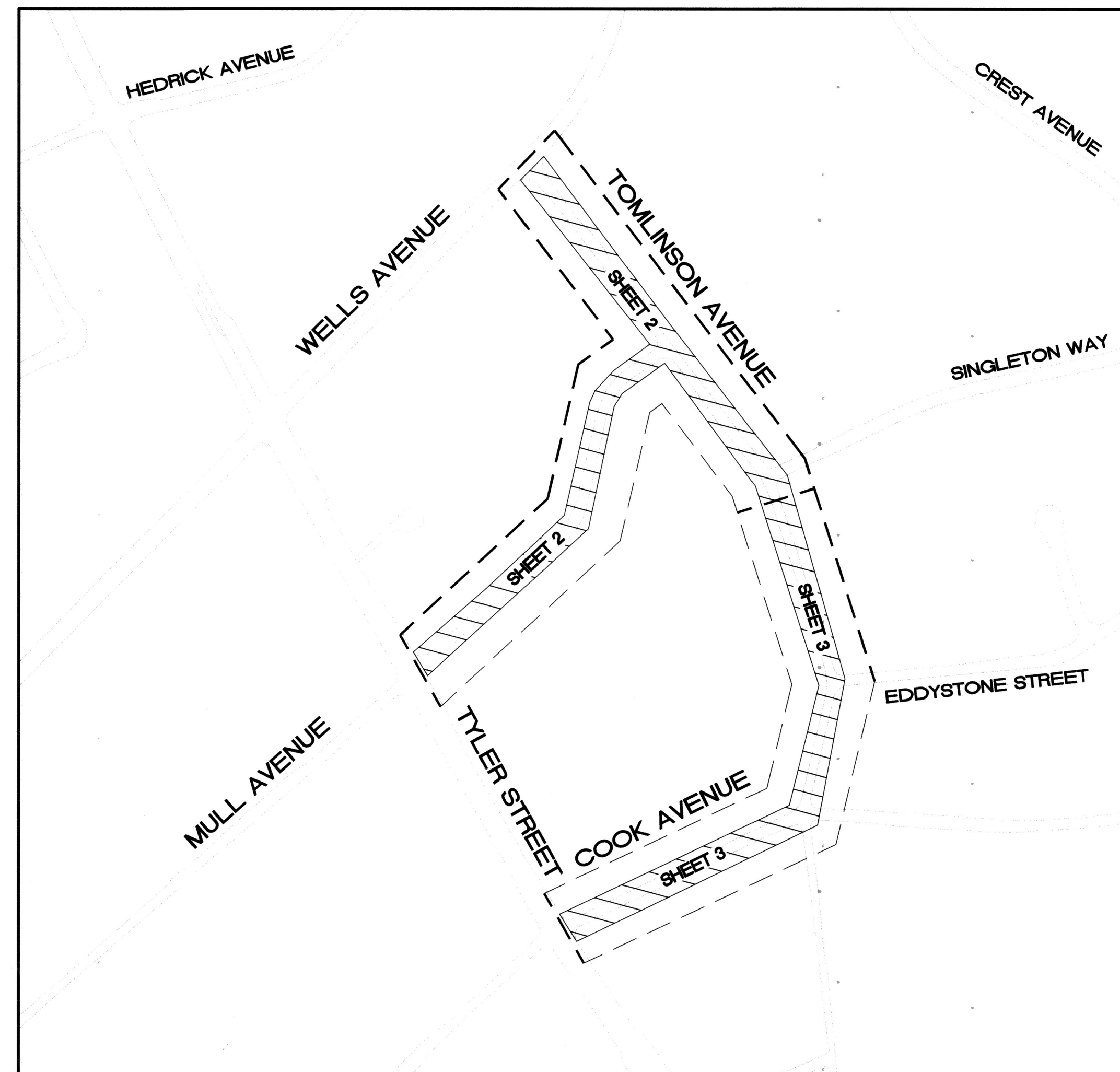
- REMOVE AND REPLACE IN KIND EXISTING FACILITY. NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. ANY NOTE SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC TYPE, ACTION, OR MODIFICATION TO BE CONSTRUCTED. WHERE NO MODIFICATION 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. (CB)=CATCH BASIN; (MH)=MANHOLE; (GV)=GATE VALVE; (EL)=ELECTRICAL 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 UNIFORM COLD MILLING TO A DEPTH OF 0.10' FOR THE FULL WIDTH OF THE STREET SECTION TERMINATING AT THE EDGE OF PAVEMENT, GUTTER LIP OR AC BERM.
- COMPLETELY REMOVE EXISTING ASPHALT AND NATIVE MATERIAL AS NECESSARY TO CONSTRUCT THE PROPOSED STREET SECTION.
- OVERLAY AREA WITH DGAC AT A DEPTH PER PLAN.
- CONSTRUCT ASPHALT RUBBERIZED AGGREGATE MEMBRANE PRIOR TO AC PAVEMENT OVERLAY
- CONSTRUCT FULL DEPTH DGAC PAVEMENT (0.50') MIN. OVER COMPACTED NATIVE MATERIAL.
- CONSTRUCT NEW MODIFIED CONCRETE CROSS GUTTER PER CITY STANDARD 220 AND DETAIL INDICATED ON SHEET 3.
- REMOVE AND REPLACE EXISTING AC CURB. CONSTRUCT NEW MODIFIED AC CURB PER CITY STANDARD 250, HEIGHT TO BE 8". TRANSITION TO MEET EXISTING AC CURB AND EXISTING DRIVEWAY DEPRESSION. STRAIGHT GRADE BEHIND TOP OF PROPOSED AC CURB TO EXISTING GRADE AT RIGHT-OF-WAY.

#### 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

#### 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 2018, 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. 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.
6. 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.
7. 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.
8. ALL EXISTING SIGNS AND POSTS TO BE REMOVED SHALL BE DELIVERED TO THE CITY OF RIVERSIDE SIGN DEPARTMENT.
9. 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.
10. CONTRACTOR SHALL INSTALL NEW SIGN(S) AND/OR POST(S) PER CITY OF RIVERSIDE STANDARD DRAWING No. 664, SEE SPECIFICATIONS.
11. CONTRACTOR SHALL INSTALL NEW STREET NAME SIGNS AND POST PER CITY OF RIVERSIDE STANDARD DRAWING No. 662, SEE SPECIFICATIONS.
12. 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".



#### LEGEND:

- COLDMILL - CM2 (0.15') + ARAM (0.03') + DGAC PAVEMENT (0.12')
- COLDMILL - CM3 (0.50' MIN.) + FULL DEPTH DGAC PAVEMENT (0.50')

#### SHEET INDEX:

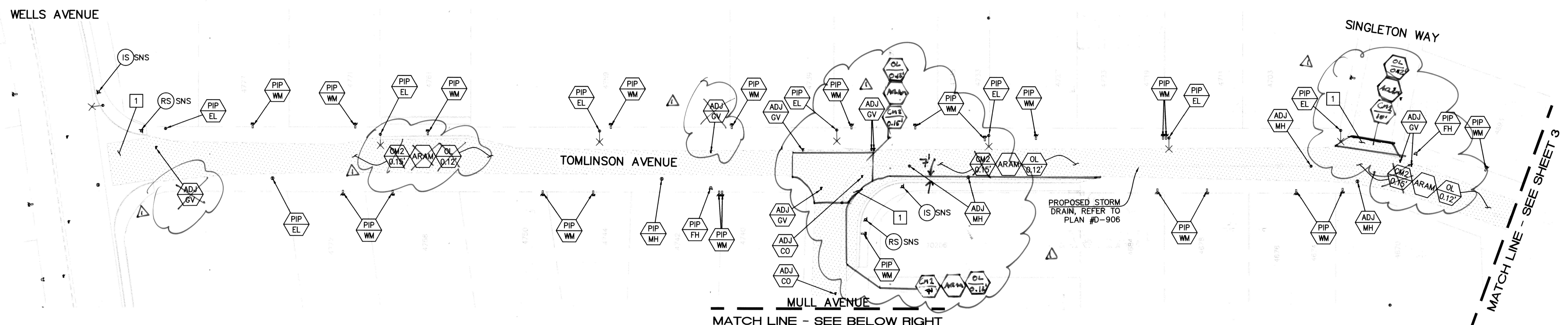
STREET IMPROVEMENT PLANS:		STORM DRAIN PLANS (D-906):	
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
1	TITLE SHEET AND CONSTRUCTION NOTES	1	TITLE SHEET AND NOTES
2	TOMLINSON FROM WELLS TO SINGLETON	2	STA. 10+00 TO 15+00
3	MULL FROM TYLER TO TOMLINSON	3	STA. 15+00 TO 20+00
4	TOMLINSON FROM SINGLETON TO COOK	4	STA. 20+00 TO 25+00
5	COOK FROM TYLER TO TOMLINSON	5	STA. 25+00 TO 26+36

#### LOCATION MAP

NTS

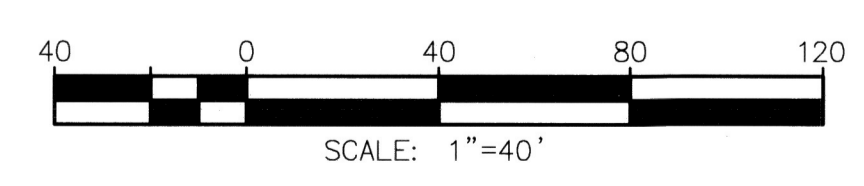
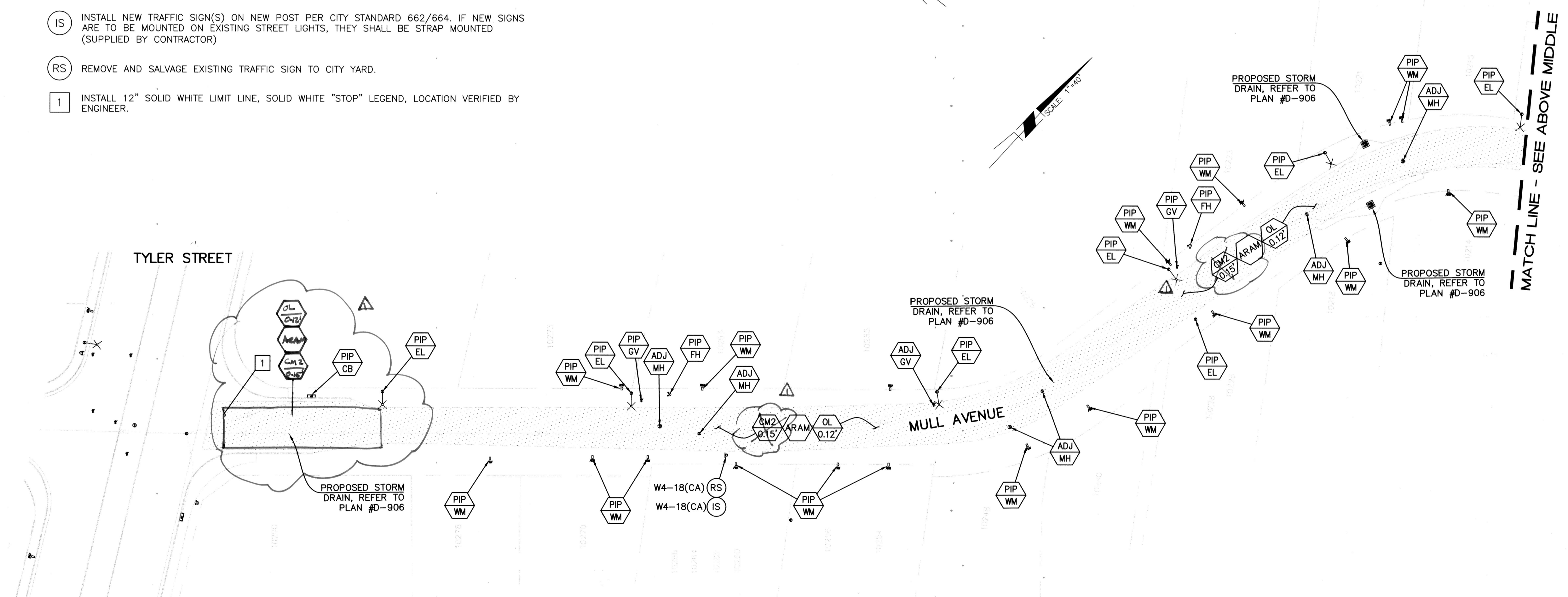
	<b>ENGINEER IN RESPONSIBLE CHARGE</b> Edward Lara R.C.E. No. 63753 EXPIRES: 9-30-20 DATE <i>October 15, 2019</i>		CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	<b>STREET IMPROVEMENTS</b> 2018/2019 CDBG - WARD 6 TOMLINSON AVENUE FROM WELLS AVENUE TO COOK AVENUE MULL AVENUE AND COOK AVENUE FROM TYLER STREET TO TOMLINSON AVENUE	DESIGN WORK ORDER NO.: 1917073 CONSTR. WORK ORDER NO.: 1917074
	DESIGNED BY: DC DRAWN BY: DC CHECKED BY: EL	APPROVED BY: <i>EM</i> DATE: <i>10/15/19</i> CONSTRUCTION ADMIN. <i>DC</i> DATE: <i>10/17/19</i> TRAFFIC DIVISION <i>NM</i> DATE: <i>10/20/19</i> STREETS SERVICES <i>GS</i> DATE: <i>10/17/19</i> SURVEYOR	APPROVED BY: <i>EM</i> DATE: <i>10/21/2019</i> CITY ENGINEER	AS BUILT 5/02/23 B.C.	<b>R-4453</b> SHEET <u>1</u> OF <u>3</u> FILE NAME: R4453-1.DWG





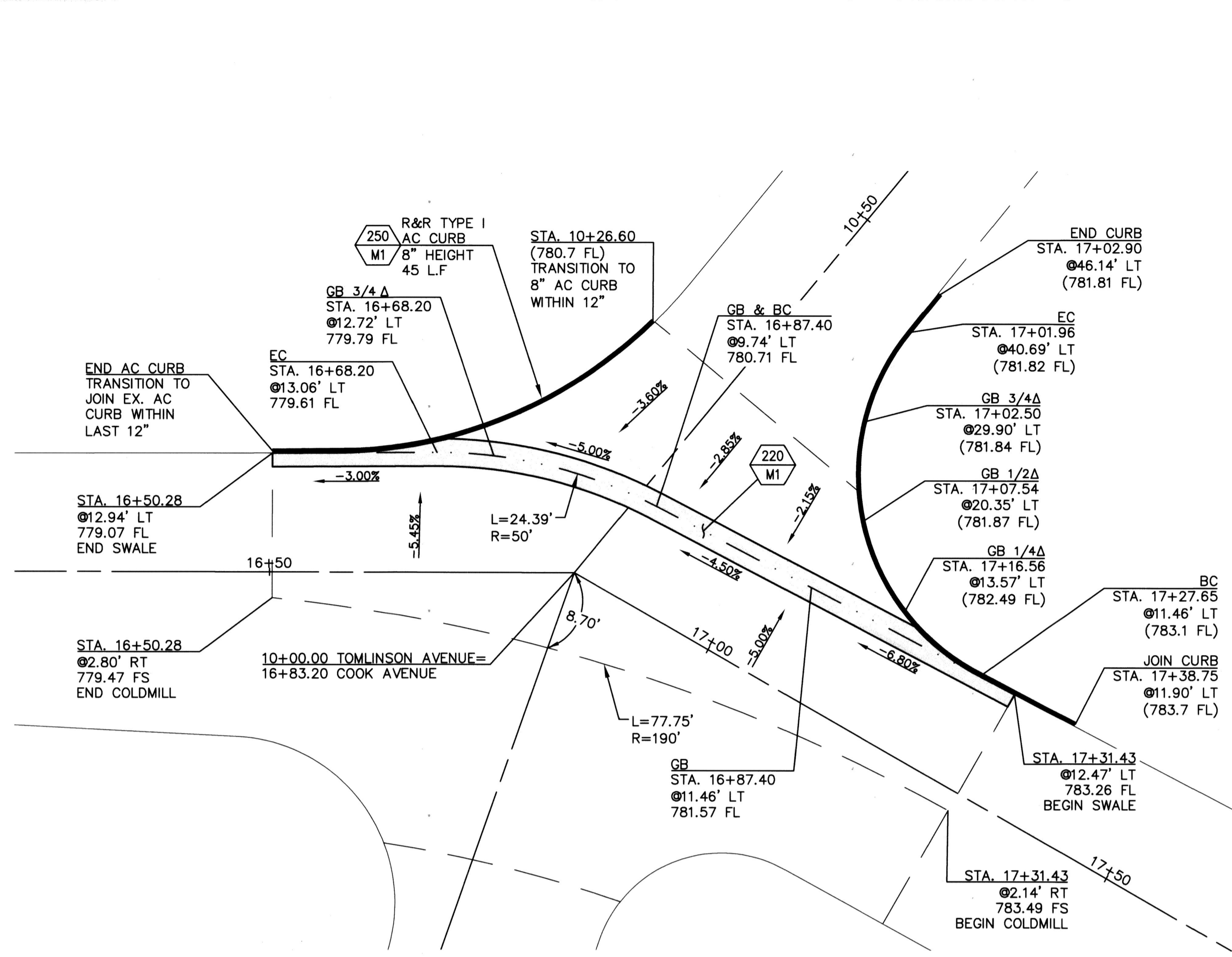
**SIGNING/STRIPING NOTES:**

- (IS) 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)
- (RS) REMOVE AND SALVAGE EXISTING TRAFFIC SIGN TO CITY YARD.
- 1 INSTALL 12" SOLID WHITE LIMIT LINE, SOLID WHITE "STOP" LEGEND, LOCATION VERIFIED BY ENGINEER.



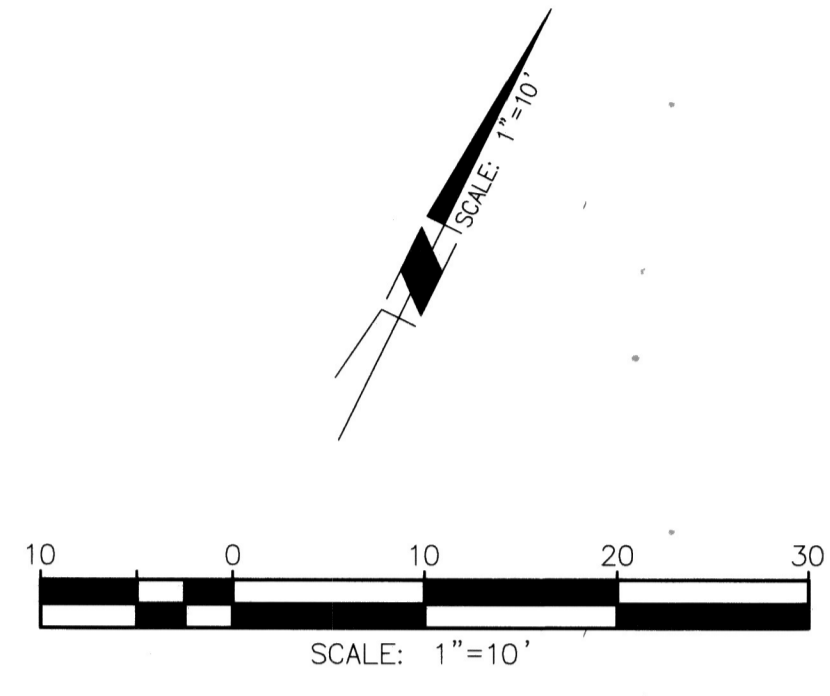
<p><b>CITY OF RIVERSIDE</b></p>	<p><b>ENGINEER IN RESPONSIBLE CHARGE</b></p> <p><i>Edward Lara</i></p> <p>Edward Lara R.C.E. No. 63753 EXPIRES: 9-30-20 DATE: <u>October 15, 2019</u></p>		<p>DESIGNED BY: DC DRAWN BY: DC CHECKED BY: EL</p>	<p><b>CITY OF RIVERSIDE, CALIFORNIA</b> <b>DEPARTMENT OF PUBLIC WORKS</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>APPROVED BY</td> <td>BY</td> <td>DATE</td> <td>APPROVED BY</td> </tr> <tr> <td>ENGINEERING MANAGER</td> <td>FM</td> <td>10/15/19</td> <td>CITY ENGINEER</td> </tr> <tr> <td>CONSTRUCTION ADMIN.</td> <td>DL</td> <td>10/17/19</td> <td></td> </tr> <tr> <td>TRAFFIC DIVISION</td> <td>N/A</td> <td>10-20-19</td> <td></td> </tr> <tr> <td>STREETS SERVICES</td> <td></td> <td></td> <td></td> </tr> <tr> <td>SURVEYOR</td> <td></td> <td></td> <td></td> </tr> </table>	APPROVED BY	BY	DATE	APPROVED BY	ENGINEERING MANAGER	FM	10/15/19	CITY ENGINEER	CONSTRUCTION ADMIN.	DL	10/17/19		TRAFFIC DIVISION	N/A	10-20-19		STREETS SERVICES				SURVEYOR				<p><b>STREET IMPROVEMENTS</b></p> <p><b>2018/2019 CDBG - WARD 6</b></p> <p>TOMLINSON AVENUE FROM WELLS AVENUE TO COOK AVENUE MULL AVENUE AND COOK AVENUE FROM TYLER STREET TO TOMLINSON AVENUE</p> <p><b>MAINTENANCE PLAN</b></p> <p>HORIZ. SCALE: 1"=40' VERT. SCALE: N/A</p>	<p>DESIGN WORK ORDER NO.: 1917073 CONSTR. WORK ORDER NO.: 1917074</p> <p><b>R-4453</b></p> <p>SHEET <b>2</b> OF <b>3</b></p> <p>FILE NAME: R4453-2.DWG</p>
	APPROVED BY	BY	DATE	APPROVED BY																										
ENGINEERING MANAGER	FM	10/15/19	CITY ENGINEER																											
CONSTRUCTION ADMIN.	DL	10/17/19																												
TRAFFIC DIVISION	N/A	10-20-19																												
STREETS SERVICES																														
SURVEYOR																														
<p>As Built 5702123 B.0</p>				<p>DATE: <u>Oct. 21, 2019</u></p>																										





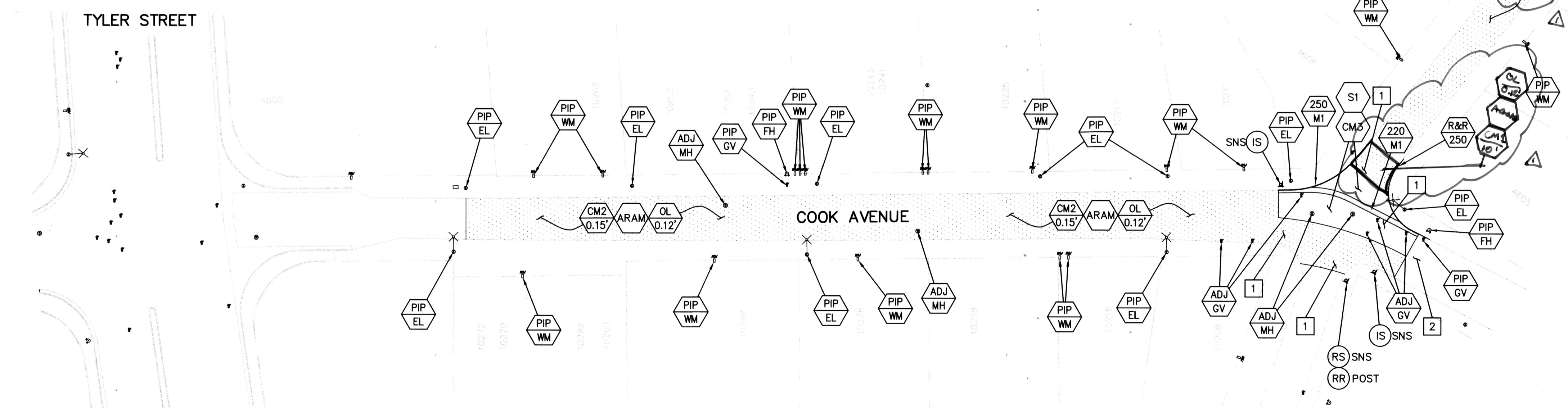
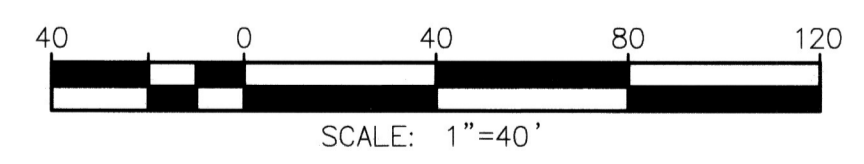
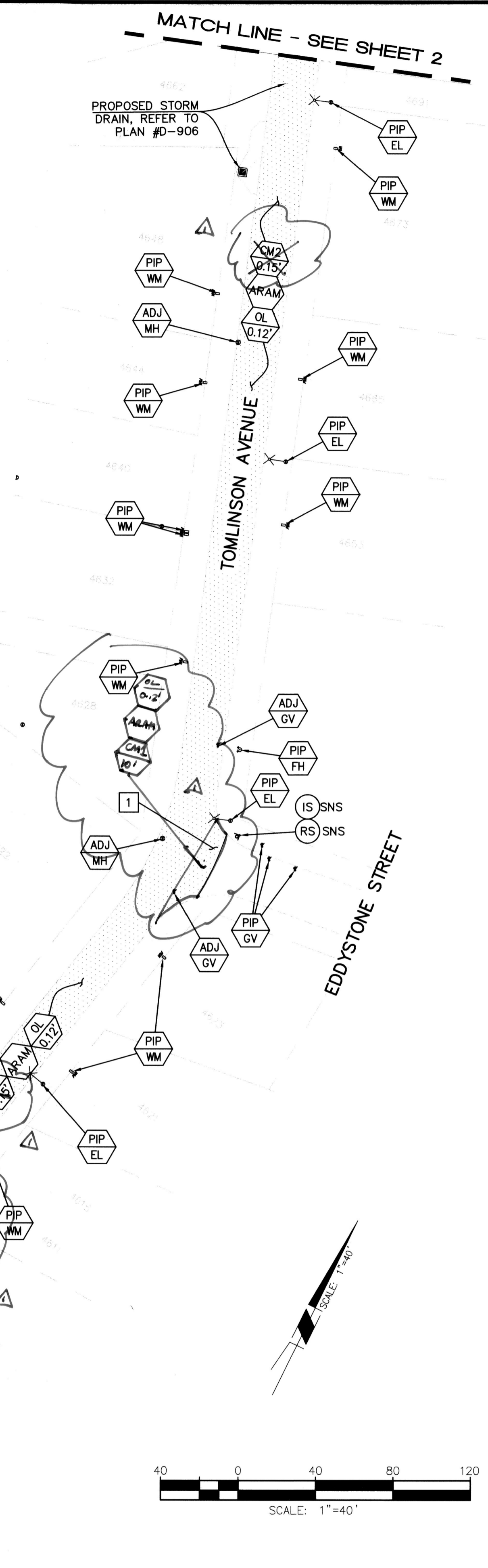
**COOK AVENUE @ TOMLINSON AVENUE**

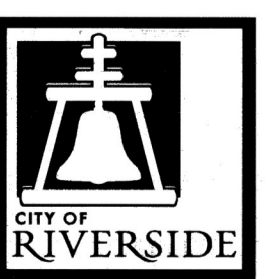
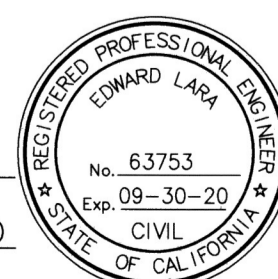
SCALE: 1" = 10'



**SIGNING/STRIPING NOTES:**

- (IS) 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)
- (RS) REMOVE AND SALVAGE EXISTING TRAFFIC SIGN TO CITY YARD.
- (RR) REMOVE AND REPLACE EXISTING TRAFFIC SIGN POST ONLY.
- 1 INSTALL 12" SOLID WHITE LIMIT LINE, SOLID WHITE "STOP" LEGEND, LOCATION VERIFIED BY ENGINEER.
- 2 INSTALL/REFRESH 50' DOUBLE YELLOW STRIPE WITH RAISED PAVEMENT MARKERS. START STRIPE AT THE NEW LIMIT LINE LOCATION TO BE VERIFIED BY ENGINEER.



BENCHMARK: F3-K3 P.K. NAIL AND CITY ENGINEER TAG IN THE WESTERLY CURB TYLER ST. 64.5 FEET SOUTHERLY OF THE CENTERLINE INTERSECTION OF TYLER STREET AND OCAMPO STREET ELEV. - 754.979 (NGVD 1929)	 <b>ENGINEER IN RESPONSIBLE CHARGE</b> Edward Lara R.C.E. No. 63753 EXPIRES: 9-30-20 DATE <u>October 15, 2019</u>		<b>CITY OF RIVERSIDE, CALIFORNIA</b> <b>DEPARTMENT OF PUBLIC WORKS</b>		<b>STREET IMPROVEMENTS</b> 2018/2019 CDBG - WARD 6 TOMLINSON AVENUE FROM WELLS AVENUE TO COOK AVENUE MULL AVENUE AND COOK AVENUE FROM TYLER STREET TO TOMLINSON AVENUE	DESIGN WORK ORDER NO.: 1917073 CONSTR. WORK ORDER NO.: 1917074 <b>R-4453</b>
			DESIGNED BY: DC DRAWN BY: DC CHECKED BY: EL	APPROVED BY: [Signature] DATE: 10/15/19 CONSTRUCTION ADMIN. [Signature] DATE: 10/17/19 TRAFFIC DIVISION [Signature] DATE: 10/20/19 STREETS SERVICES SURVEYOR [Signature]	APPROVED BY: [Signature] DATE: OCT. 21, 2019	<b>STREET PLAN</b> HORIZ. SCALE: 1"=40' VERT. SCALE: N/A

*As Built 5/02/23 B.O*