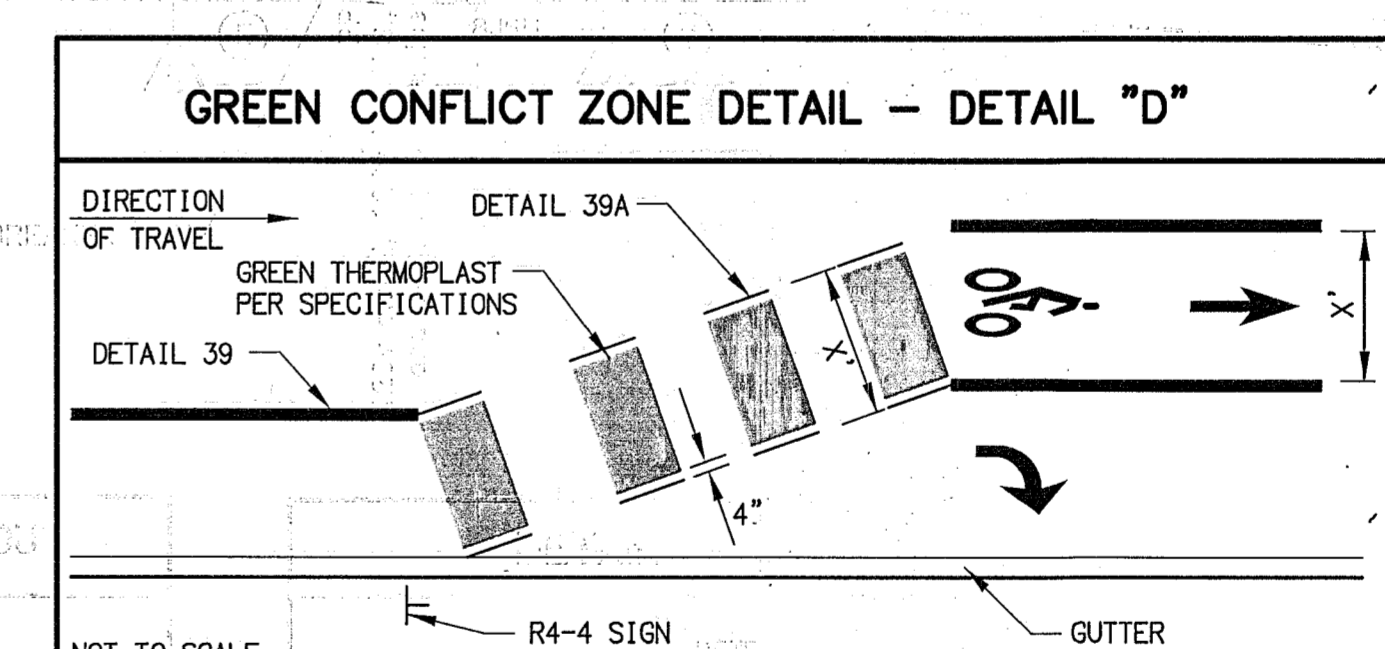
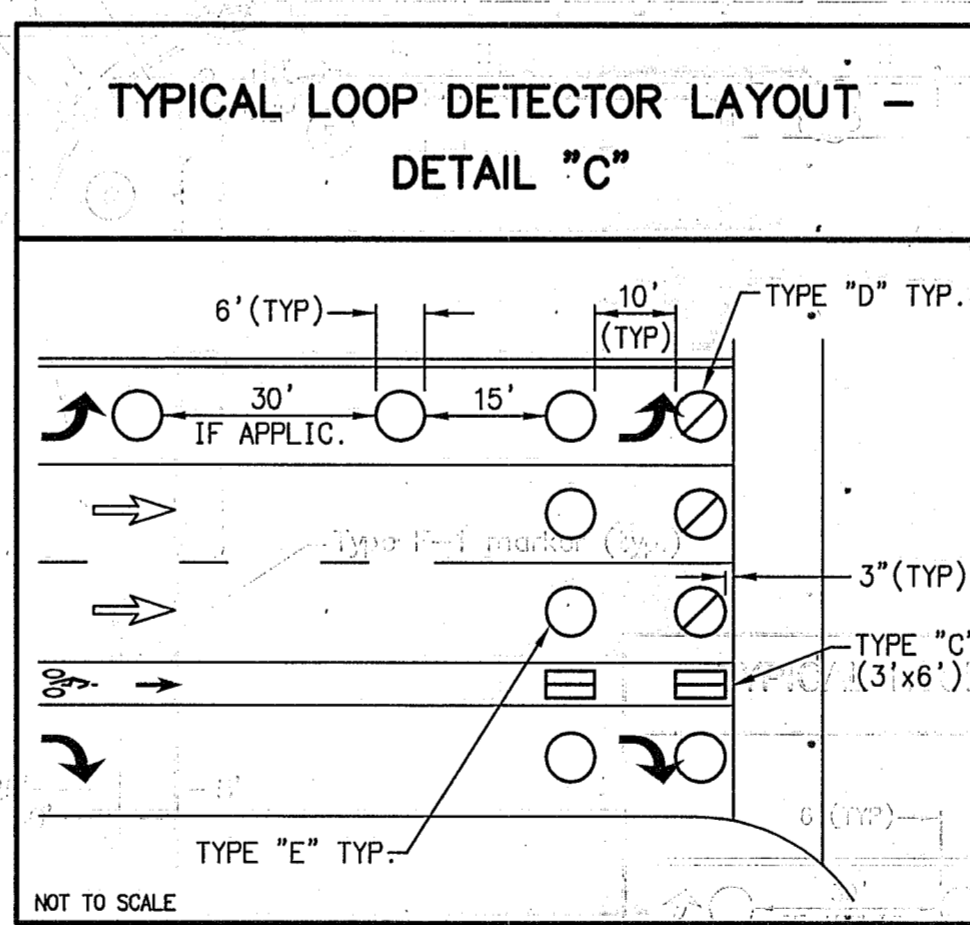
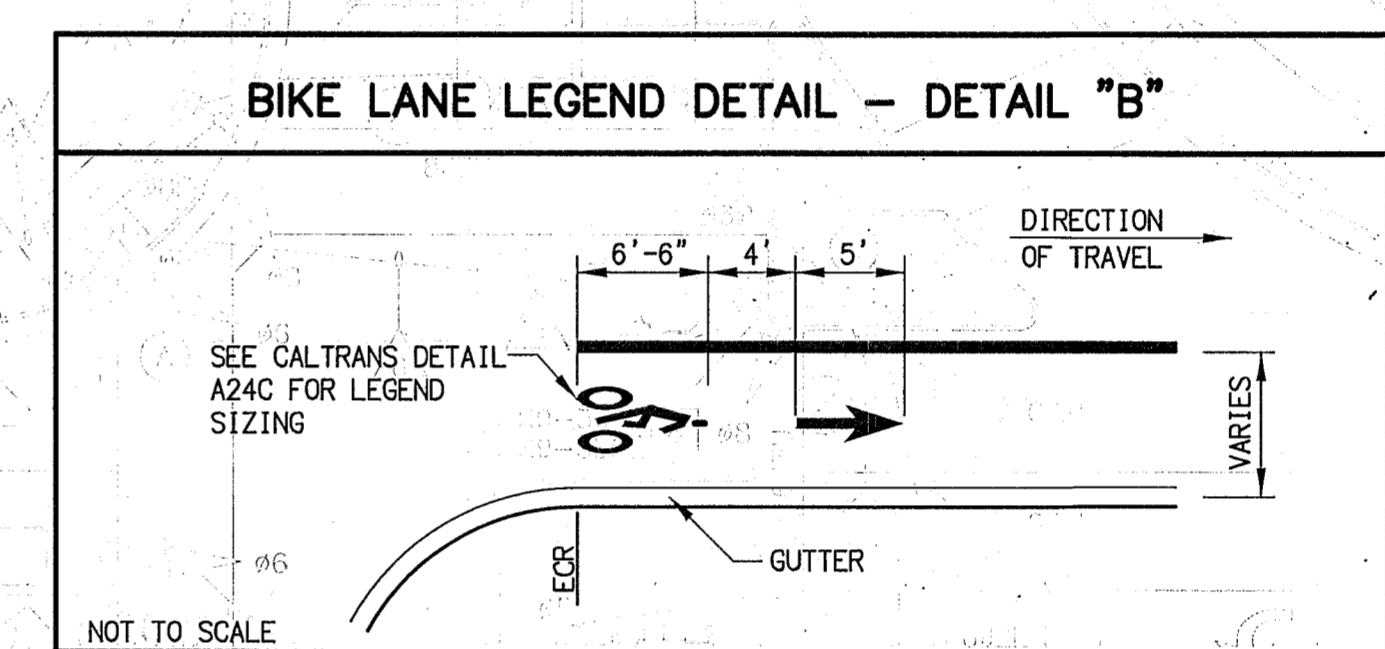
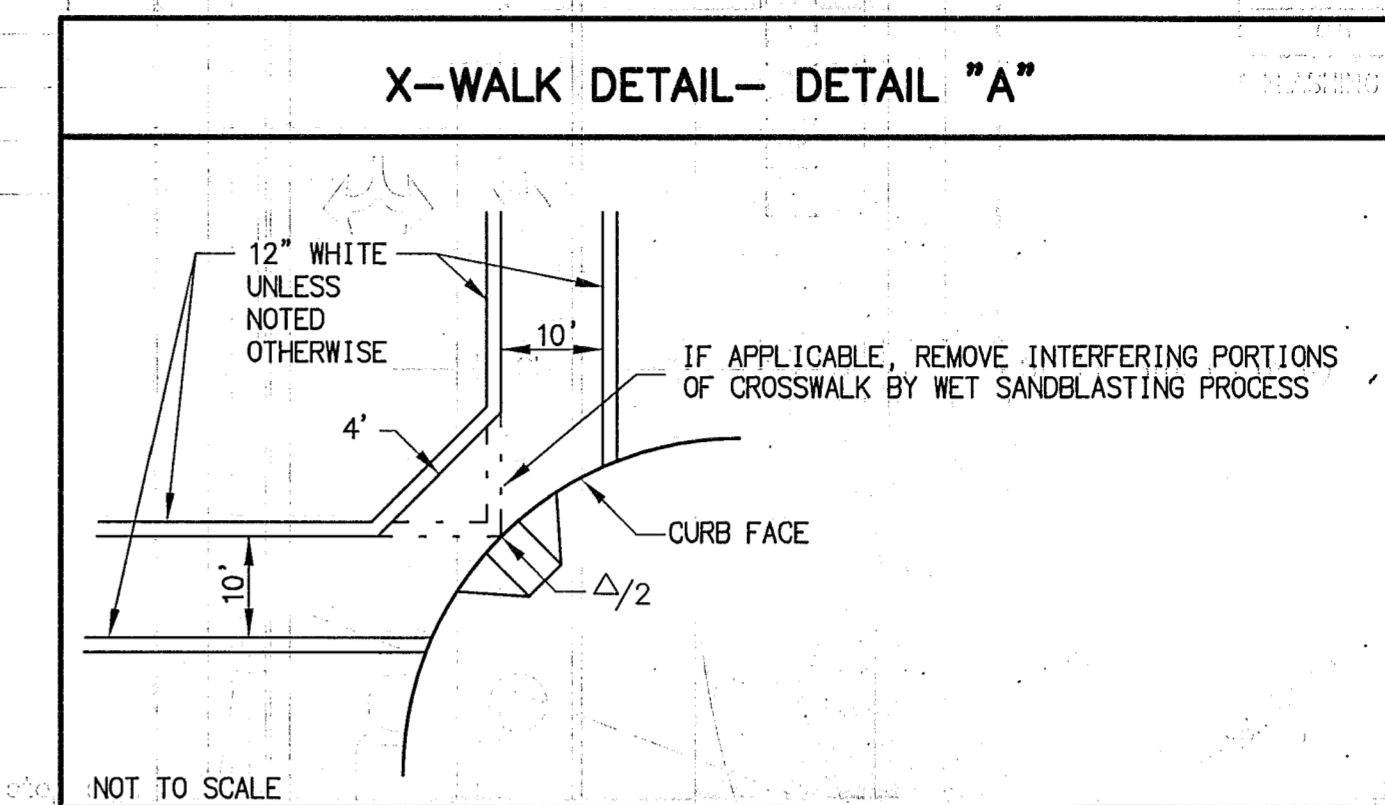


SIGNING AND STRIPING GENERAL NOTES:

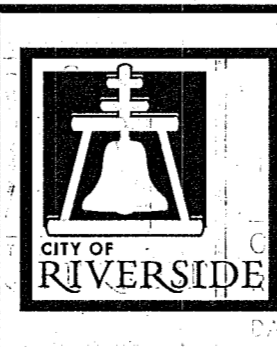
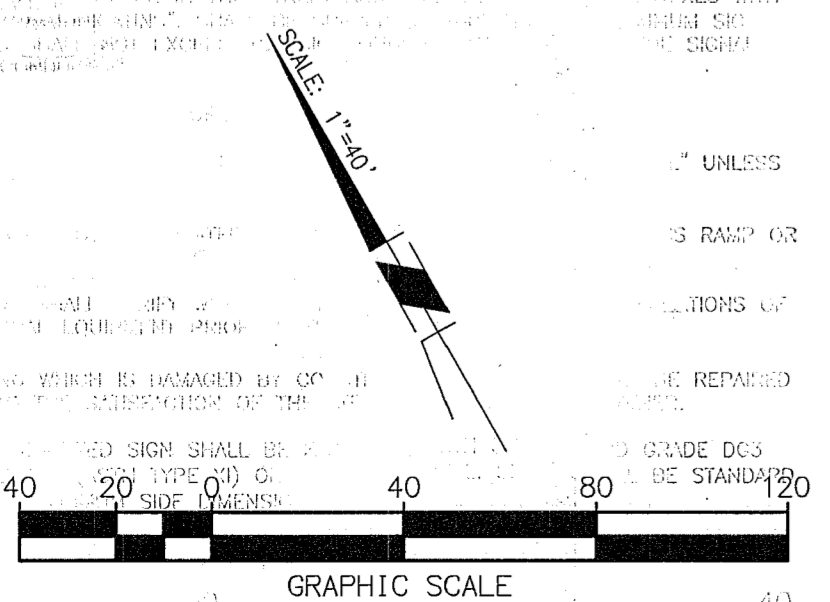
- SIGNING AND STRIPING INSTALLATIONS SHALL CONFORM TO THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD), THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS DATED 2015, AND ALL ADDENDUMS THERETO, AND THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARD DRAWINGS, CURRENT EDITION.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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. ALL WARNING SIGNS SHALL HAVE A FLUORESCENT YELLOW BACKGROUND AND SCHOOL SIGNS NOTED SHALL HAVE A FLUORESCENT YELLOW-GREEN BACKGROUND.
- 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.
- ALL EXISTING SIGNS AND POSTS TO BE REMOVED SHALL BE DELIVERED TO THE CITY OF RIVERSIDE SIGN DEPARTMENT.
- WHEN PAINT IS SPECIFIED, TRAFFIC STRIPES AND MARKINGS SHALL BE APPLIED IN TWO COATS. A MINIMUM OF SEVEN DAYS SHALL BE PROVIDED BETWEEN FIRST AND SECOND COATS.
- 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.
- CONTRACTOR SHALL INSTALL NEW SIGN(S) AND/OR POST(S) PER CITY OF RIVERSIDE STANDARD DRAWING No. 664, SEE SPECIFICATIONS. CONTRACTOR SHALL INSTALL NEW STREET NAME SIGNS AND POST PER CITY OF RIVERSIDE STANDARD DRAWING No. 662, SEE SPECIFICATIONS.
- 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".
- WHERE APPLICABLE, OUTBOUND LANE LINE DETAILS SHALL COMMENCE AT THE CROSSWALK, MEANING THE PAINTED PORTION OF THE DETAIL SHALL JOIN THE CROSSWALK.

SIGNING AND STRIPING LEGEND

- E** EXISTING TO REMAIN.
- SC** SPLICE NEW TO EXISTING CONDUCTORS
- #** INSTALL CALTRANS STRIPING DETAIL PER NUMBER NOTED, INCLUDING INSTALLATION OF RAISED PAVEMENT MARKERS.
- PM** INSTALL PAVEMENT MARKING OR ARROW AS NOTED.
- RP** REMOVE ALL EXISTING CONFLICTING TRAFFIC STRIPING AND MARKINGS, AS NOTED, INCLUDING RAISED PAVEMENT MARKERS.
- IS** FURNISH AND INSTALL ROADSIDE SIGN(S) OR SNS WITH/WITHOUT POST
- RS** REMOVE SIGN(S)
- RL** RELOCATE EXISTING SIGN(S) TO EXISTING POST OR INSTALL POST (IF APPLICABLE)
- S** EXISTING SIGNALIZED INTERSECTION
- o** PROPOSED SIGN (ONE POST)
- o** PROPOSED SIGN (ON STREET LIGHT)
- +** PROPOSED STREET NAME SIGN
- o** EXISTING SIGN (ONE POST)
- o** EXISTING SIGN (ON STREET LIGHT)
- sq** EXISTING STREET NAME SIGN
- SNS** STREET NAME SIGN
- (12')** EXISTING WIDTH
- 12'** PROPOSED WIDTH



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

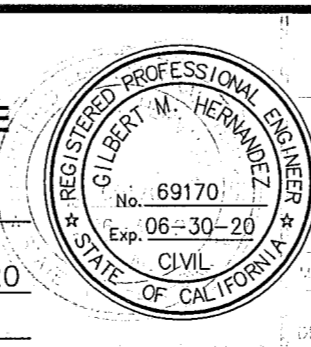


ENGINEER IN RESPONSIBLE CHARGE

GILBERT M. HERNANDEZ

R.C.E. No. 69170 EXPIRES 08-30-20

6-26-18



MARK	REV	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA		DEPARTMENT OF PUBLIC WORKS	
APPROVED BY	DATE	APPROVED BY	DATE
ENGINEERING MANAGER	6-26-18	OFF-ENGINEER	6-26-18
PRINCIPAL ENGINEER			
TRAFFIC DIVISION	6-26-18		
CONSTRUCTION ADMIN.	6-26-18		
PUBLIC UTILITIES			

SIGNING AND STRIPING PLAN

COLUMBIA AVE

FROM MAIN STREET

TO I215

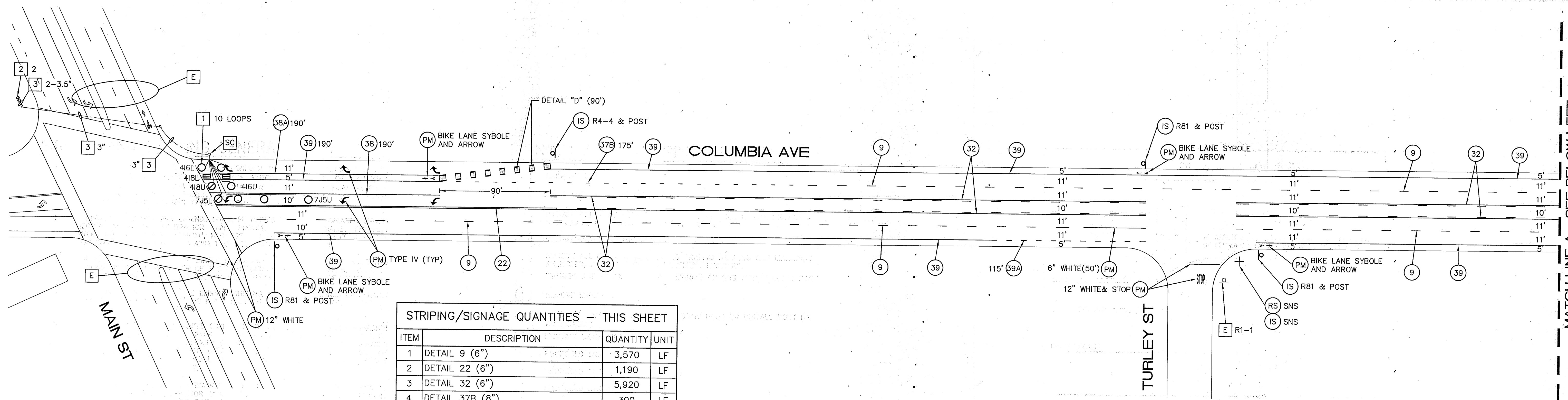
SCALE: 1" = 40'

LOCATION 1

XL-775

SHEET 1 OF 3

FILE NAME: XL-775.DWG



STRIPING/SIGNAGE QUANTITIES - THIS SHEET

ITEM	DESCRIPTION	QUANTITY	UNIT
1	DETAIL 9 (6")	3,570	LF
2	DETAIL 22 (6")	1,190	LF
3	DETAIL 32 (6")	5,920	LF
4	DETAIL 37B (8")	300	LF
5	DETAIL 38 (8")	390	LF
6	DETAIL 38A (8")	190	LF
7	DETAIL 39 (6")	3,490	LF
8	DETAIL 39A (6")	755	LF
9	6" SOLID YELLOW/WHITE	200	LF
10	12" SOLID YELLOW/WHITE	685	LF
11	PAVEMENT LEGENDS/MARKINGS	256	SF
12	GREEN PAVEMENT MARKING	160	SF
13	INSTALL SIGN & POST	8	EA
14	INSTALL SNS (NO POST)	1	EA
15	INSTALL SNS & POST	1	EA
16	REMOVE AND SALVAGE SIGN	2	EA
17	REMOVE AND SALVAGE SIGN & POST	1	EA
18	DETECTOR LOOP CABLE	1,395	LF
19	TYPE E LOOP	18	EA
20	TYPE D LOOP	16	EA
21	2-CHANNEL DETECTOR CARD	6	EA
22	SPLICE NEW TO EXISTING CONDUCTION	7	EA

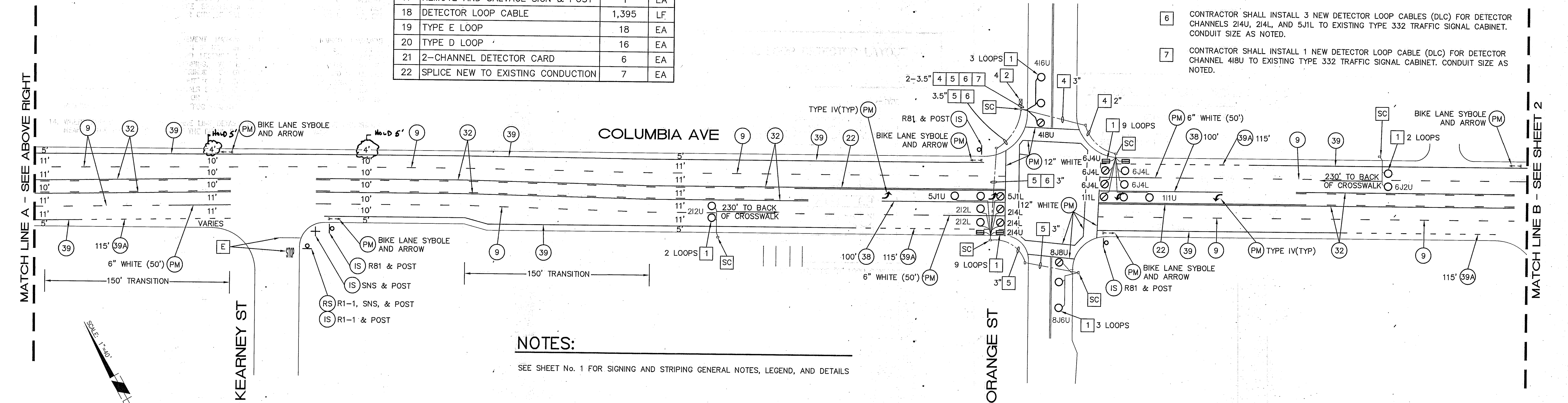
STREET NAME SIGN DETAILS - THIS SHEET

ITEM	INTERSECTION	PANEL #1	PANEL #2
1	COLUMBIA AV AT TURLEY ST	Columbia Ave 3600	Turley St 1200
2	COLUMBIA AV AT KEARNEY ST	Columbia Ave 3600	Kearney St 1200

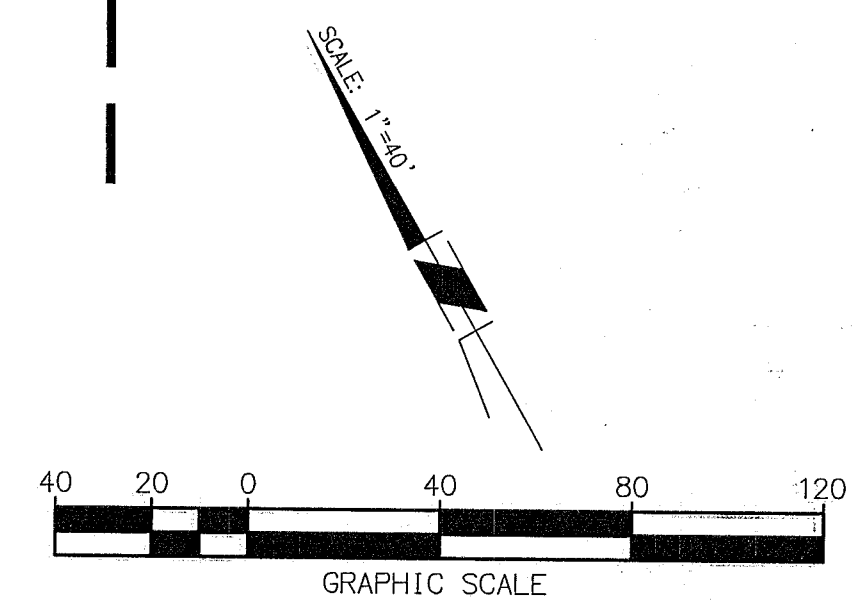
STREET NAME SIGN PANELS PER CITY OF RIVERSIDE STD. DWG. No. 662

CONSTRUCTION NOTES (THIS SHEET)

- CONTRACTOR SHALL INSTALL LOOP DETECTORS PER DETAIL "C."
- CONTRACTOR SHALL FURNISH AND INSTALL 2-CHANNEL DETECTOR CARD PER CITY SPECIFICATIONS AS NOTED.
- CONTRACTOR SHALL INSTALL 4 NEW DETECTOR LOOP CABLES (DLC) FOR DETECTOR CHANNELS 416U, 418L, 418U, AND 7J5L TO EXISTING TYPE 332 TRAFFIC SIGNAL CABINET. CONDUIT SIZE AS NOTED.
- CONTRACTOR SHALL INSTALL 3 NEW DETECTOR LOOP CABLES (DLC) FOR DETECTOR CHANNELS 111L, 6J4L, AND 6J4U TO EXISTING TYPE 332 TRAFFIC SIGNAL CABINET. CONDUIT SIZE AS NOTED.
- CONTRACTOR SHALL INSTALL 1 NEW DETECTOR LOOP CABLE (DLC) FOR DETECTOR CHANNEL 8J8U TO EXISTING TYPE 332 TRAFFIC SIGNAL CABINET. CONDUIT SIZE AS NOTED.
- CONTRACTOR SHALL INSTALL 3 NEW DETECTOR LOOP CABLES (DLC) FOR DETECTOR CHANNELS 214U, 214L, AND 5J1L TO EXISTING TYPE 332 TRAFFIC SIGNAL CABINET. CONDUIT SIZE AS NOTED.
- CONTRACTOR SHALL INSTALL 1 NEW DETECTOR LOOP CABLE (DLC) FOR DETECTOR CHANNEL 418U TO EXISTING TYPE 332 TRAFFIC SIGNAL CABINET. CONDUIT SIZE AS NOTED.



NOTES:
SEE SHEET No. 1 FOR SIGNING AND STRIPING GENERAL NOTES, LEGEND, AND DETAILS

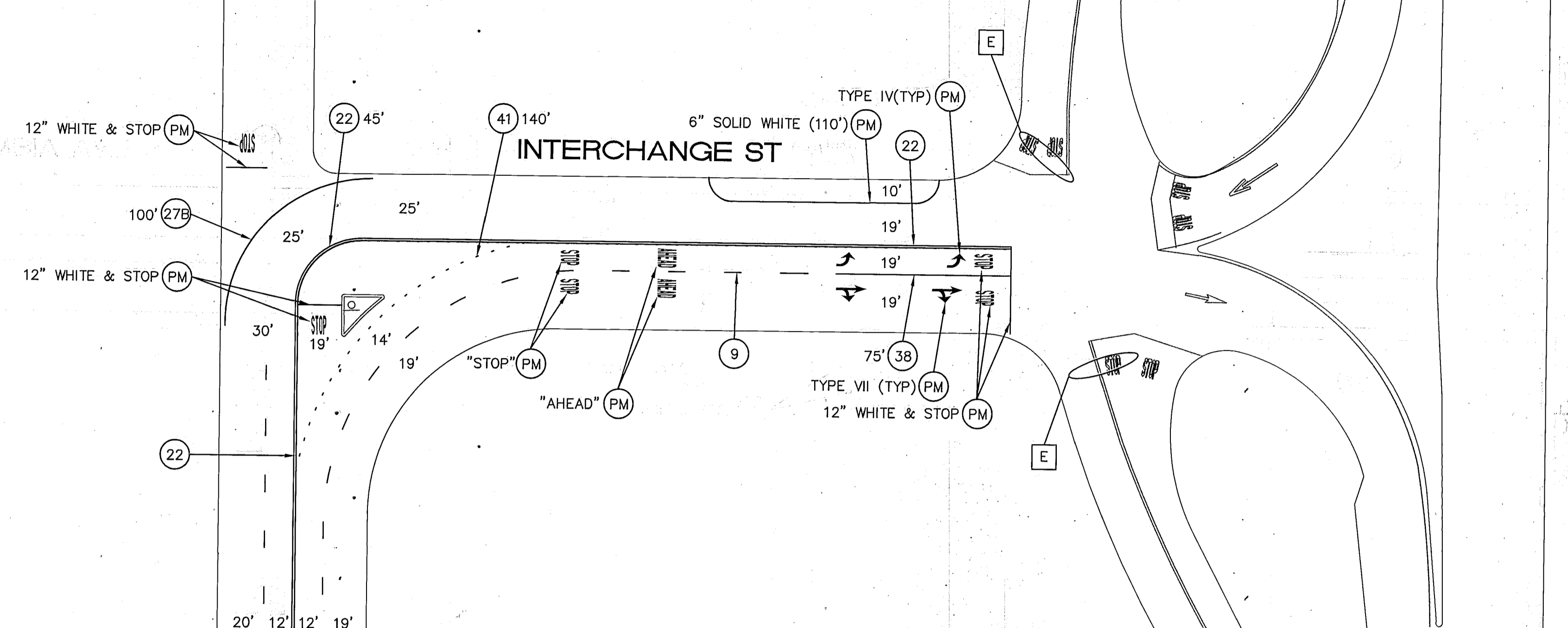
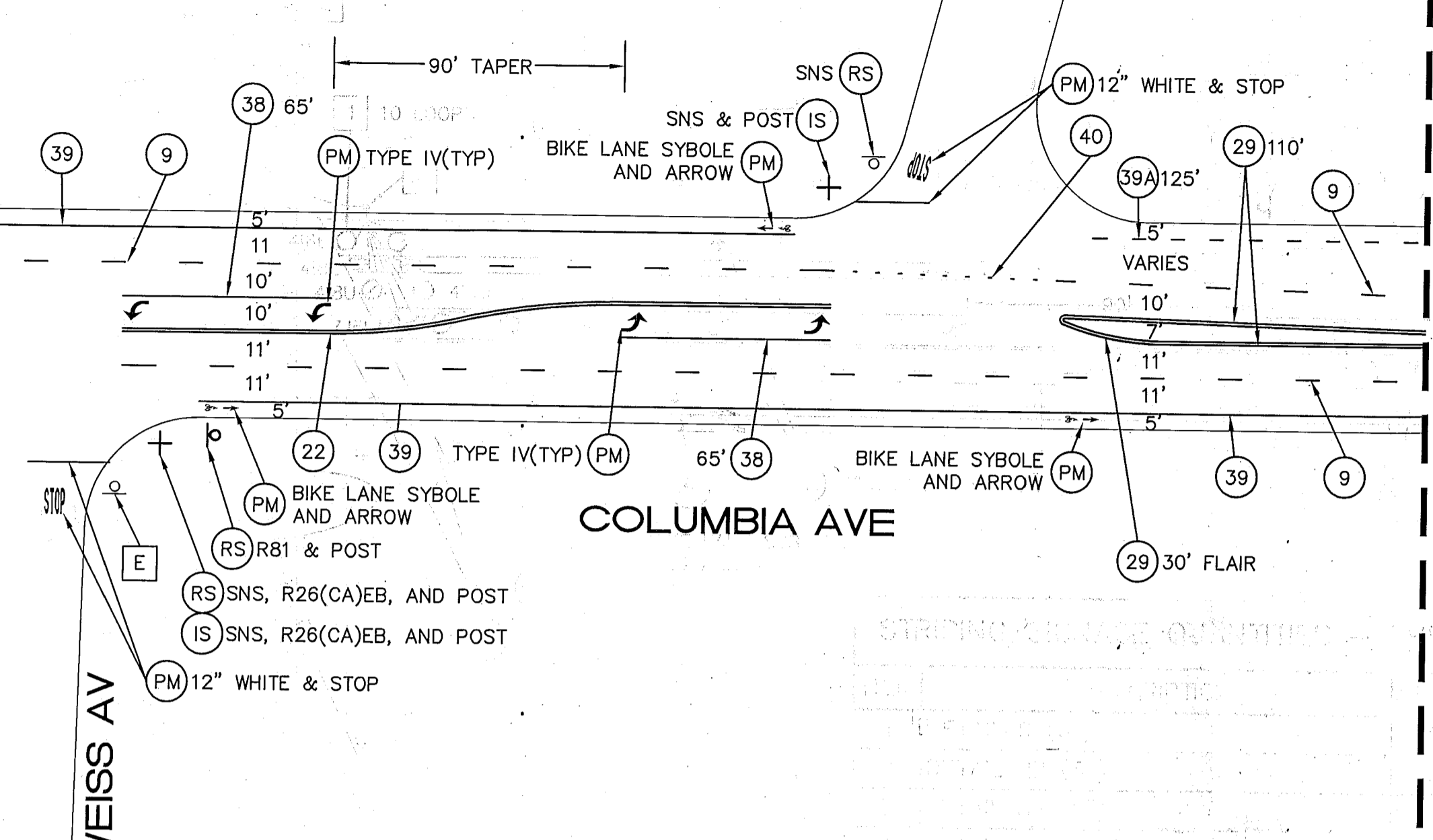


		<p>ENGINEER IN RESPONSIBLE CHARGE GILBERT M. HERNANDEZ R.C.E. No. 69170 EXPIRES: 6-30-20 DATE: 6-26-18</p>		<p>CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS</p>		<p>SIGNING AND STRIPING PLAN COLUMBIA AVE FROM MAIN STREET TO I215 SCALE: 1" = 40'</p>	<p>LOCATION 1 XL-775 SHEET 2 OF 3 FILE NAME: XL-775.DWG</p>
				<p>APPROVED BY: <i>[Signature]</i> DATE: 6-26-18 ENGINEERING MANAGER: FM PRINCIPAL ENGINEER: NM TRAFFIC DIVISION: DC CONSTRUCTION ADMIN.: DC PUBLIC UTILITIES: DC</p>	<p>APPROVED BY: <i>[Signature]</i> DATE: 6/27/18 CITY ENGINEER</p>		

MATCH LINE B - SEE SHEET 1

MATCH LINE C - SEE BELOW LEFT

MATCH LINE C - SEE ABOVE RIGHT



STRIPING/SIGNAGE QUANTITIES - THIS SHEET

ITEM	DESCRIPTION	QUANTITY	UNIT
1	DETAIL 9 (6")	3,320	LF
2	DETAIL 22 (6")	2,935	LF
3	DETAIL 29 (6")	1,685	LF
4	DETAIL 32 (6")	340	LF
5	DETAIL 36 (6")	70	LF
6	DETAIL 38 (8")	480	LF
7	DETAIL 39 (6")	1,690	LF
8	DETAIL 39A (6")	250	LF
9	DETAIL 40 (6")	155	LF
10	DETAIL 41 (6")	515	LF
11	6" SOLID YELLOW/WHITE	260	LF
12	8" SOLID YELLOW/WHITE	15	LF

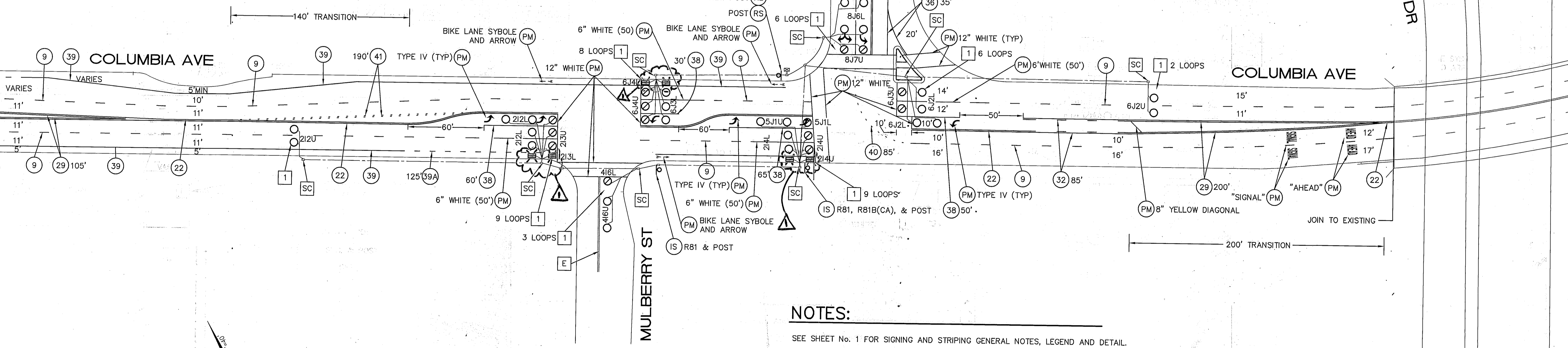
QUANTITIES - THIS SHEET (CONT.)

ITEM	DESCRIPTION	QUANTITY	UNIT
14	PAVEMENT LEGENDS/MARKINGS	751	SF
15	INSTALL SIGN & POST	3	EA
16	INSTALL SNS & POST	2	EA
17	REMOVE AND SALVAGE SIGN	2	EA
18	REMOVE AND SALVAGE SIGN & POST	1	EA
19	REMOVE AND REPLACE POST	1	EA
20	RELOCATE SIGN	1	EA
21	TYPE E LOOP	24	EA
22	TYPE D LOOP	21	EA
23	SPLICE NEW TO EXISTING CONDUIT	8	EA

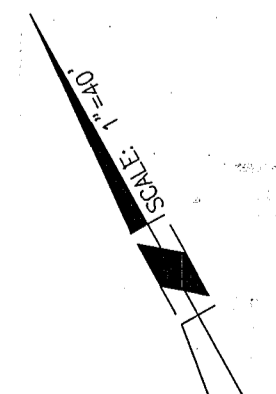
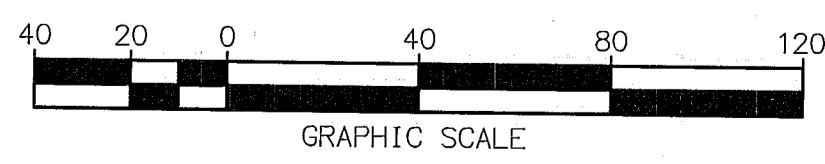
STREET NAME SIGN DETAILS - THIS SHEET

ITEM	INTERSECTION	PANEL #1	PANEL #2
1	COLUMBIA AV AT EDELWEISS AV	Columbia Ave 3400	Edelweiss Ave 1200
2	COLUMBIA AV AT CLARK ST	Columbia Ave 3300	Ouida Dr 8700

STREET NAME SIGN PANELS PER CITY OF RIVERSIDE STD. DWG. No. 662



NOTES:
SEE SHEET No. 1 FOR SIGNING AND STRIPING GENERAL NOTES, LEGEND AND DETAIL.



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

ENGINEER IN RESPONSIBLE CHARGE
GILBERT M. HERNANDEZ
R.C.E. No. 69170 EXPIRES 8-30-20
DATE 6-26-18



DESIGNED BY	GMH	DRAWN BY	GMH	CHECKED BY	GMH
APPROVED BY	[Signature]				
DATE	MAR 29/18				

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	Fm	6-26-18	[Signature]
PRINCIPAL ENGINEER	NM	6-26-18	[Signature]
TRAFFIC DIVISION	DC	6-26-18	[Signature]
CONSTRUCTION ADMIN.			
PUBLIC UTILITIES			

SIGNING AND STRIPING PLAN
COLUMBIA AVE FROM MAIN STREET TO I215

LOCATION 1
XL-775
SHEET 3 OF 3
SCALE: 1" = 40'
FILE NAME: XL-775.DWG