

**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 2010, 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-STRIPE 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 AND CONSTRUCTION NOTES:**

- [E] EXISTING TO REMAIN.
- # 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.
- (1-1) INSTALL/REMOVE SIGN LOCATION
- (S) EXISTING SIGNALIZED INTERSECTION
- PROPOSED SIGN (ONE POST)
- EXISTING SIGN (ONE POST)
- EXISTING SIGN (ON STREET LIGHT)
- EXISTING STREET NAME SIGN
- SNS STREET NAME SIGN
- 12' PROPOSED WIDTH

**STRIPING AND LOOP QUANTITIES - THIS SHEET**

ITEM	DESCRIPTION	QUANTITY	UNIT
1	DETAIL 22	800	LF
2	12" SOLID YELLOW/WHITE	90	LF
3	4" WHITE PARKING LANE	415	LF
4	PAVEMENT LEGENDS/MARKINGS	141	SF
5	REMOVE LANE LINE	195	LF

**SIGN QUANTITIES - THIS SHEET**

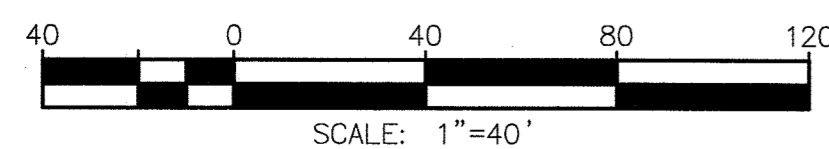
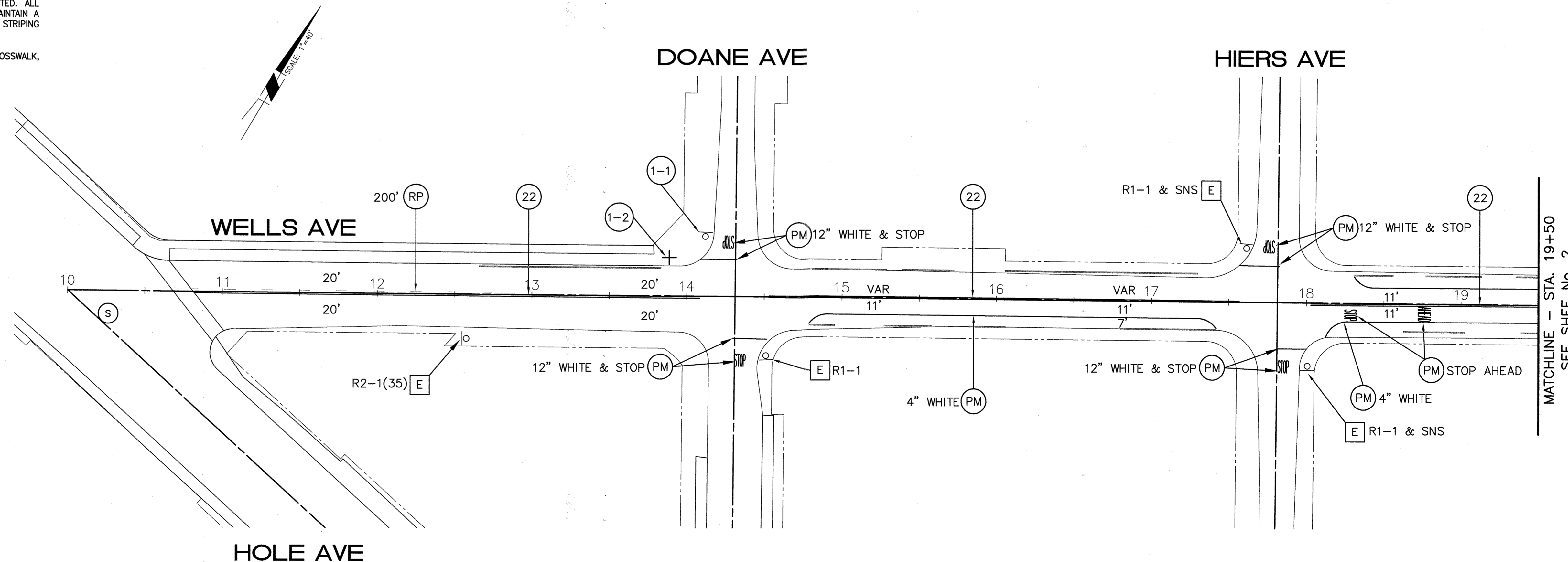
SIGN NUMBER	SIGN CODE	PANEL SIZE (IN)	INSTALL ROADSIDE SIGN(S)		INSTALL STREET NAME SIGN	RELOCATE ROADSIDE SIGN(S) OR SNS		REMOVE SIGN(S)	
			NO POST	ONE POST		NO POST	ONE POST	NO POST	ONE POST
1-1	SNS	-							1
	R1-1								
1-2	SNS	9"			1				
<b>GRAND TOTAL:</b>						<b>1</b>			<b>1</b>

SEE CITY OF RIVERSIDE STD DWG NO. 664 FOR ROADSIDE SIGNS  
 SEE CITY OF RIVERSIDE STD DWG NO. 662 FOR STREET NAME SIGNS  
 SNS = STREET NAME SIGN  
 (\*) = REPLACE POST ONLY

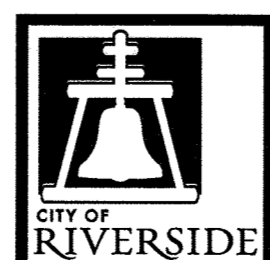
**STREET NAME SIGN DETAILS - THIS SHEET**

ITEM	INTERSECTION	PANEL #1	PANEL #2
1	WELLS AVE AT DOANE AVE	Wells Ave 11000	Doane Ave 4800

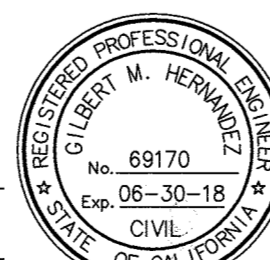
STREET NAME SIGN PANELS PER CITY OF RIVERSIDE STD. DWG. No. 662



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: 6-30-18  
 DATE 10-2-17



MARK	REVISIONS	APPR.	DATE

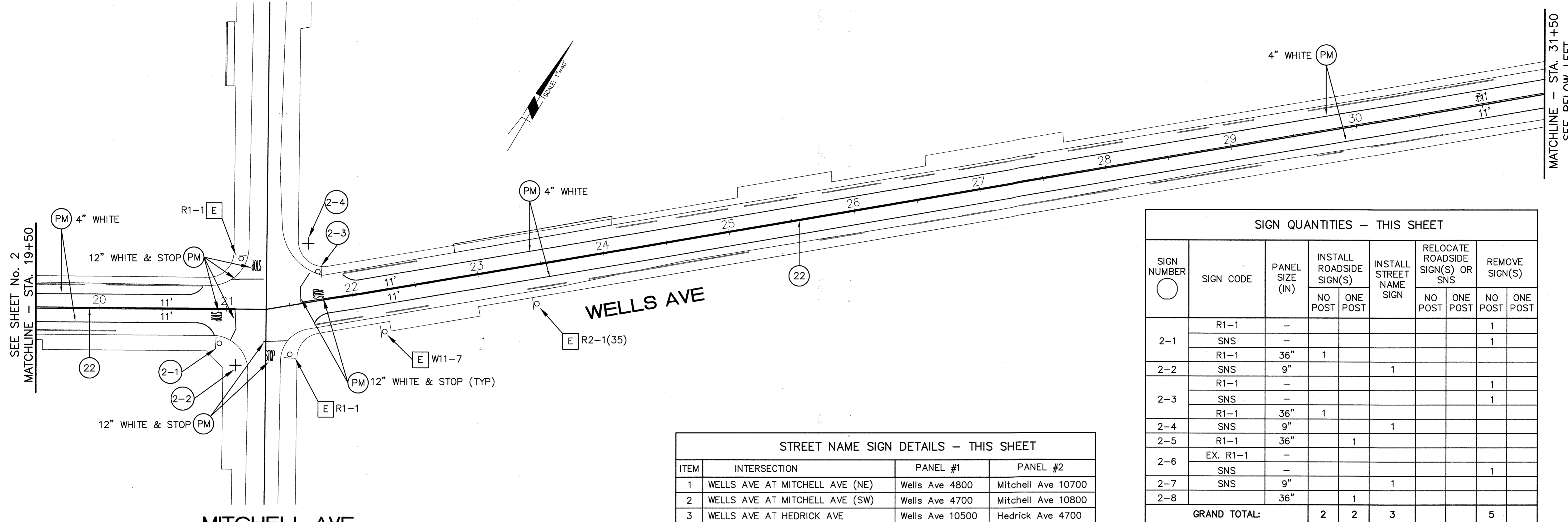
DESIGNED BY: GMH DRAWN BY: GMH CHECKED BY: GMH

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

APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER	E.C.	1-16-2018	CITY ENGINEER
PRINCIPAL ENGINEER			
TRAFFIC DIVISION	NJM	1-8-18	
CONSTRUCTION ADMIN.	SA	1-8-18	
PUBLIC UTILITIES			

**SIGNING AND STRIPING PLAN**  
**WELLS AVENUE FROM HOLE AVENUE TO TYLER STREET**  
 SCALE: 1" = 40'

765  
 XL-763  
 SHEET 1 OF 3  
 FILE NAME: XL-763.DWG



SEE SHEET No. 2  
MATCHLINE - STA. 19+50

MATCHLINE - STA. 31+50  
SEE BELOW LEFT

**STREET NAME SIGN DETAILS - THIS SHEET**

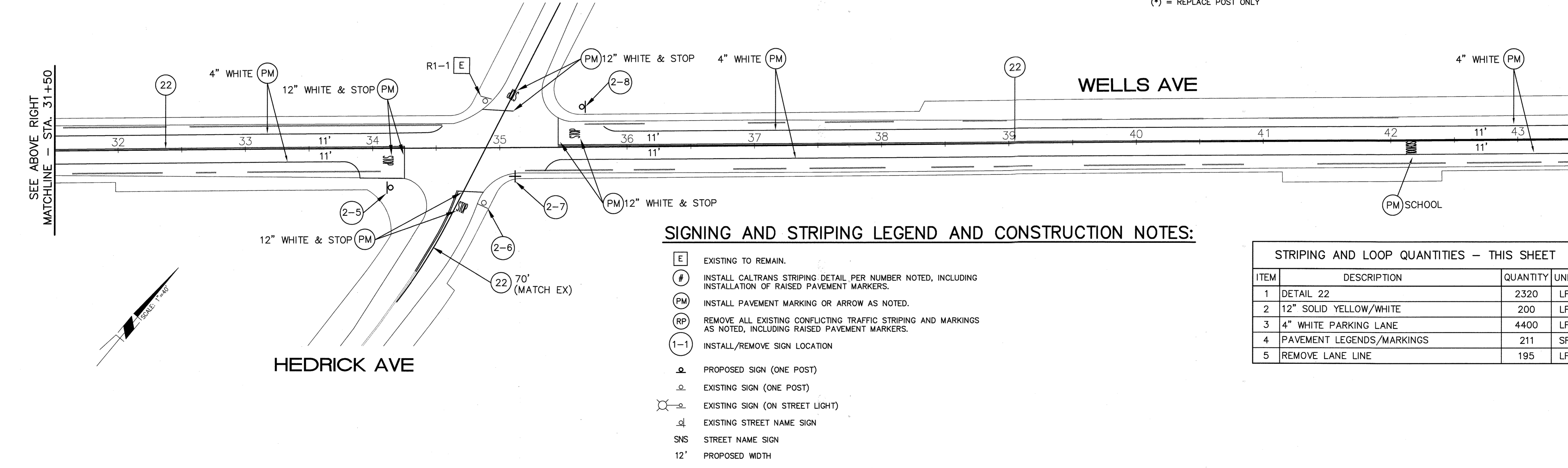
ITEM	INTERSECTION	PANEL #1	PANEL #2
1	WELLS AVE AT MITCHELL AVE (NE)	Wells Ave 4800	Mitchell Ave 10700
2	WELLS AVE AT MITCHELL AVE (SW)	Wells Ave 4700	Mitchell Ave 10800
3	WELLS AVE AT HEDRICK AVE	Wells Ave 10500	Hedrick Ave 4700

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

**SIGN QUANTITIES - THIS SHEET**

SIGN NUMBER	SIGN CODE	PANEL SIZE (IN)	INSTALL ROADSIDE SIGN(S)		INSTALL STREET NAME SIGN	RELOCATE ROADSIDE SIGN(S) OR SNS		REMOVE SIGN(S)	
			NO POST	ONE POST		NO POST	ONE POST	NO POST	ONE POST
2-1	R1-1	-							1
	SNS	-							1
2-2	R1-1	36"	1		1				
	SNS	9"							1
2-3	R1-1	-							1
	SNS	-							1
2-4	R1-1	36"	1		1				
2-5	R1-1	36"		1					
2-6	EX. R1-1	-							1
2-7	SNS	9"			1				
2-8	SNS	36"		1					
<b>GRAND TOTAL:</b>			<b>2</b>	<b>2</b>	<b>3</b>				<b>5</b>

SEE CITY OF RIVERSIDE STD DWG NO. 664 FOR ROADSIDE SIGNS  
SEE CITY OF RIVERSIDE STD DWG NO. 662 FOR STREET NAME SIGNS  
SNS = STREET NAME SIGN  
(\* = REPLACE POST ONLY)



SEE ABOVE RIGHT  
MATCHLINE - STA. 31+50

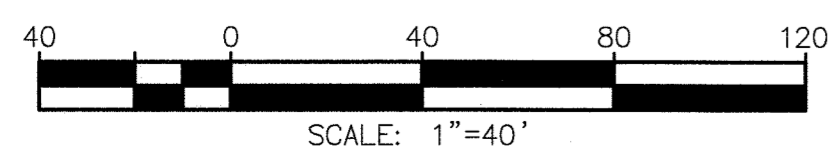
MATCHLINE - STA. 43+50  
SEE SHEET No. 3

**SIGNING AND STRIPING LEGEND AND CONSTRUCTION NOTES:**

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- [1-1] INSTALL/REMOVE SIGN LOCATION
- PROPOSED SIGN (ONE POST)
- EXISTING SIGN (ONE POST)
- EXISTING SIGN (ON STREET LIGHT)
- EXISTING STREET NAME SIGN
- SNS STREET NAME SIGN
- 12' PROPOSED WIDTH

**STRIPING AND LOOP QUANTITIES - THIS SHEET**

ITEM	DESCRIPTION	QUANTITY	UNIT
1	DETAIL 22	2320	LF
2	12" SOLID YELLOW/WHITE	200	LF
3	4" WHITE PARKING LANE	4400	LF
4	PAVEMENT LEGENDS/MARKINGS	211	SF
5	REMOVE LANE LINE	195	LF



Under Ground Service Alert of Southern California  
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TWO WORKING DAYS BEFORE YOU DIG

**ENGINEER IN RESPONSIBLE CHARGE**  
GILBERT M. HERNANDEZ  
R.C.E. No. 69170 EXPIRES: 6-30-18  
DATE: 10-2-17



MARK \_\_\_\_\_ REVISIONS \_\_\_\_\_ APPR. DATE \_\_\_\_\_  
DESIGNED BY: GMH DRAWN BY: GMH CHECKED BY: GMH

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

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
ENGINEERING MANAGER: E.L. [Signature] DATE: 1-16-2017  
PRINCIPAL ENGINEER: \_\_\_\_\_  
TRAFFIC DIVISION: NM DATE: 1-8-18  
CONSTRUCTION ADMIN. SA DATE: 1-9-18  
PUBLIC UTILITIES

**SIGNING AND STRIPING PLAN  
WELLS AVENUE  
FROM HOLE AVENUE  
TO TYLER STREET**

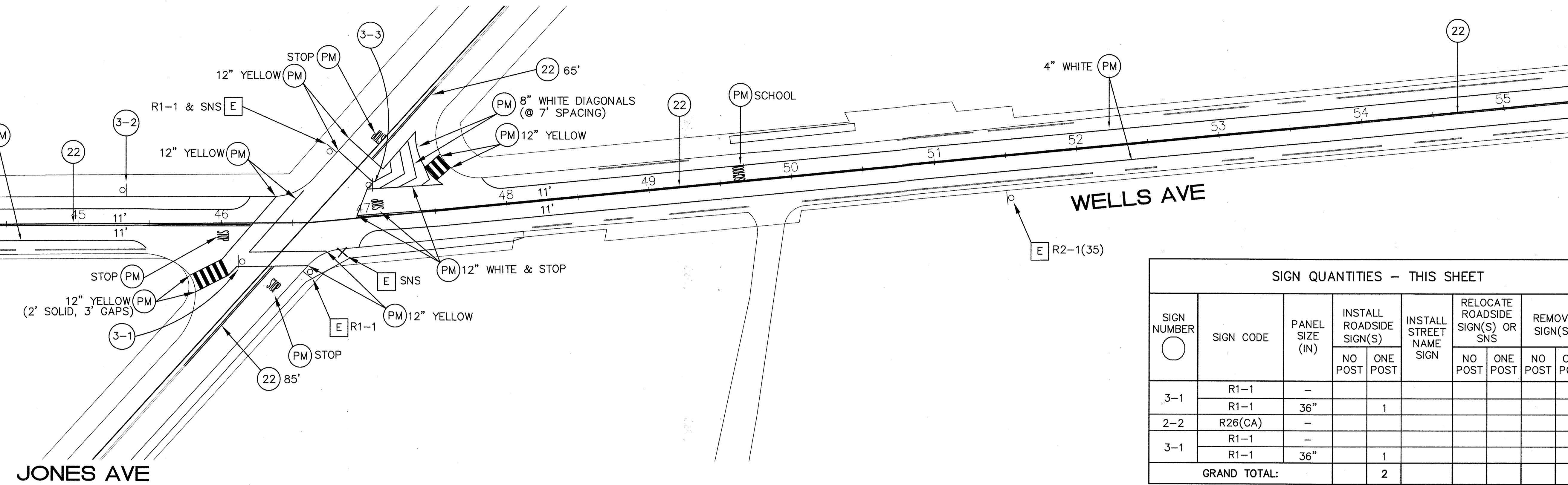
SCALE: 1" = 40'

765  
XL-763  
SHEET 2 OF 3  
FILE NAME: XL-763.DWG



SEE SHEET No. 2  
MATCHLINE - STA. 43+50

MATCHLINE - STA. 55+50  
SEE BELOW LEFT



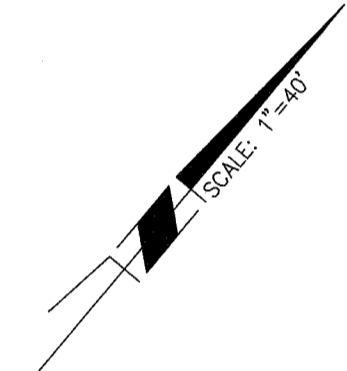
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3-1	R1-1	-							1
	R1-1	36"		1					
2-2	R26(CA)	-							1
3-1	R1-1	-							1
	R1-1	36"		1					
<b>GRAND TOTAL:</b>				<b>2</b>					<b>3</b>

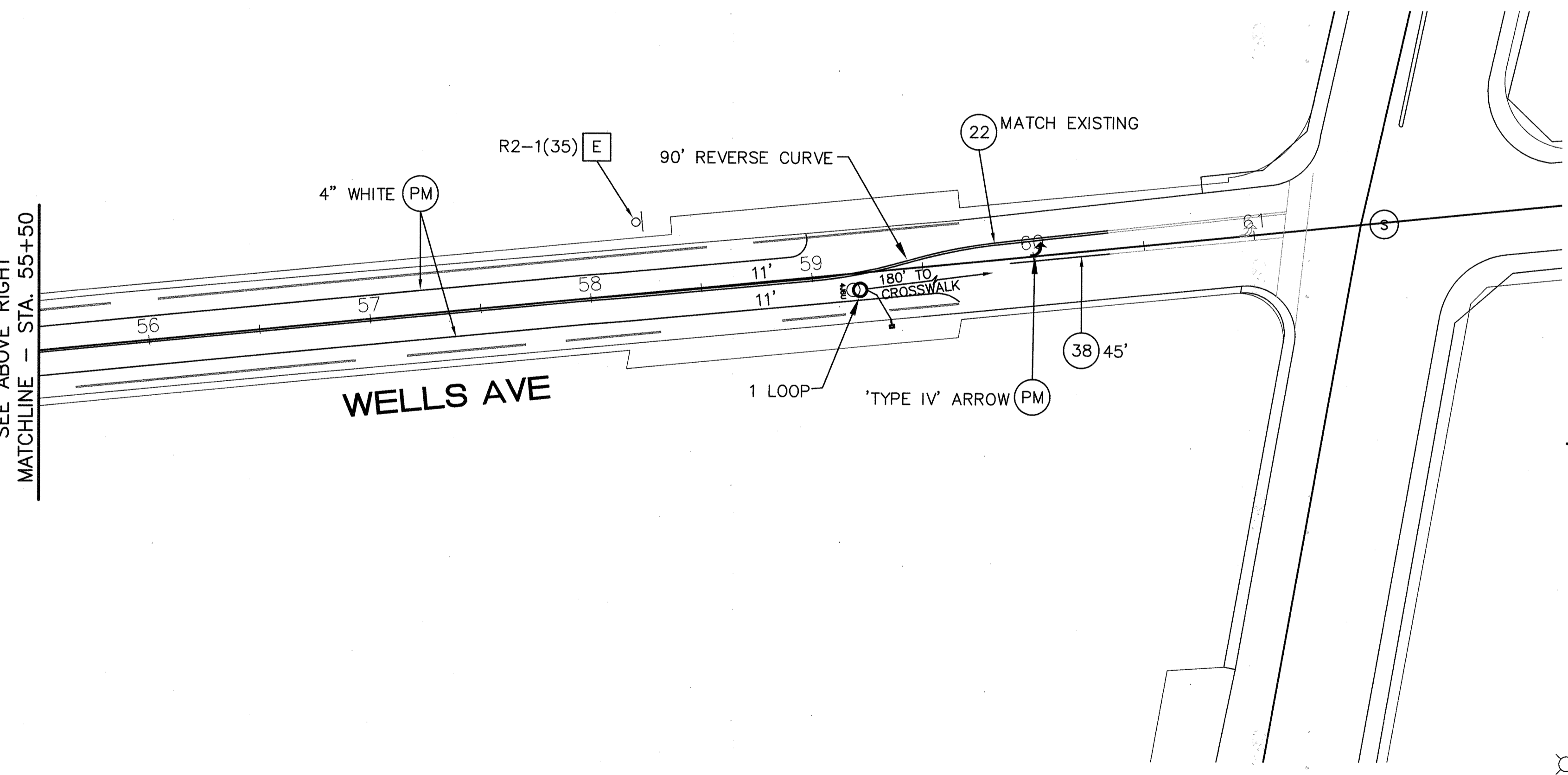
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SEE CITY OF RIVERSIDE STD DWG NO. 662 FOR STREET NAME SIGNS  
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(\*) = REPLACE POST ONLY

**STRIPING AND LOOP QUANTITIES - THIS SHEET**

ITEM	DESCRIPTION	QUANTITY	UNIT
1	DETAIL 22	1800	LF
2	DETAIL 38	45	LF
3	4" WHITE PARKING LANE	2950	LF
4	8" SOLID WHITE	120	LF
5	12" SOLID YELLOW/WHITE	5250	LF
6	PAVEMENT LEGENDS/MARKINGS	300	SF
7	INSTALL TYPE "E" LOOP DETECTOR	1	EA

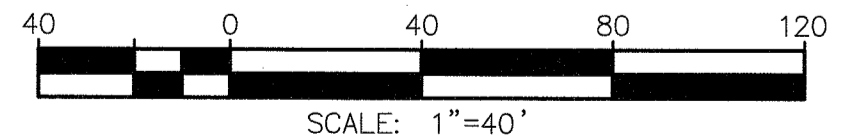


SEE ABOVE RIGHT  
MATCHLINE - STA. 55+50



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- PROPOSED SIGN (ONE POST)
- EXISTING SIGN (ONE POST)
- EXISTING SIGN (ON STREET LIGHT)
- EXISTING STREET NAME SIGN
- SNS STREET NAME SIGN
- 12' PROPOSED WIDTH



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PRINCIPAL ENGINEER			CITY ENGINEER
TRAFFIC DIVISION	NM	1-8-18	
CONSTRUCTION ADMIN.	SH	1-9-18	
PUBLIC UTILITIES			

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SCALE: 1" = 40'

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**XL-763**  
SHEET 3 OF 3  
FILE NAME: XL-763.DWG