

STRIPING QUANTITIES - THIS SHEET

ITEM	DESCRIPTION	QUANTITY	UNIT
1	DETAIL 9	1,710	LF
2	DETAIL 22	945	LF
4	DETAIL 38	200	LF
5	DETAIL 39	1,435	LF
6	DETAIL 39A	400	LF
7	4" SOLID WHITE	250	LF
8	12" SOLID YELLOW/WHITE	595	LF
9	PAVEMENT LEGENDS/MARKINGS	160	SF
10	TYPE "D" DETECTOR LOOP	6	EA
11	TYPE "E" DETECTOR LOOP	10	EA

SIGN QUANTITIES - THIS SHEET

SIGN NUMBER	SIGN CODE	INSTALL ROADSIDE SIGN(S)			RELOCATE ROADSIDE SIGN(S)		REMOVE SIGN(S)
		NO POST	ONE POST	TWO POST	NO POST	ONE POST	
01-01	SR4-1(CA)	1					1
01-02	SNS				1		1
01-03	SNS				1		
01-04	R1-1		1				
	R1-1, SNS						1
GRAND TOTAL:		1	1		2		3

**SIGN SIZE SHALL BE DETERMINED BY THE REQUIREMENTS WITHIN THE CALIFORNIA MUTCD
 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

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-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.
- 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.
- 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.

TRAFFIC SIGNAL GENERAL NOTES:

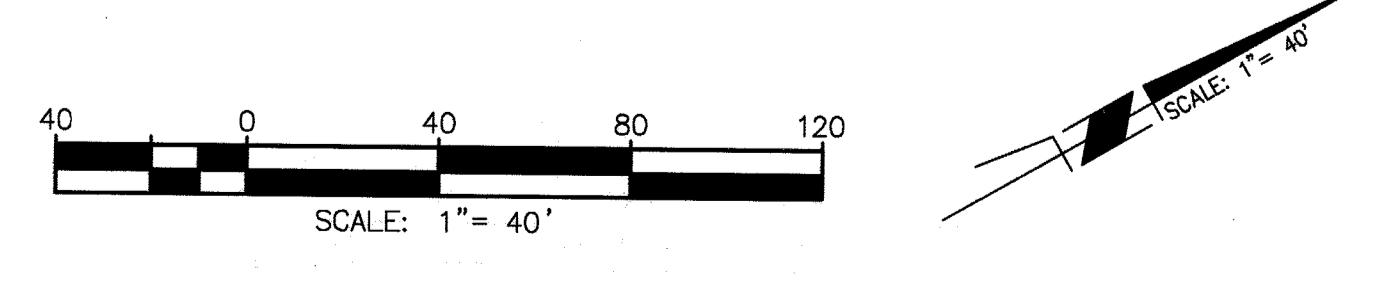
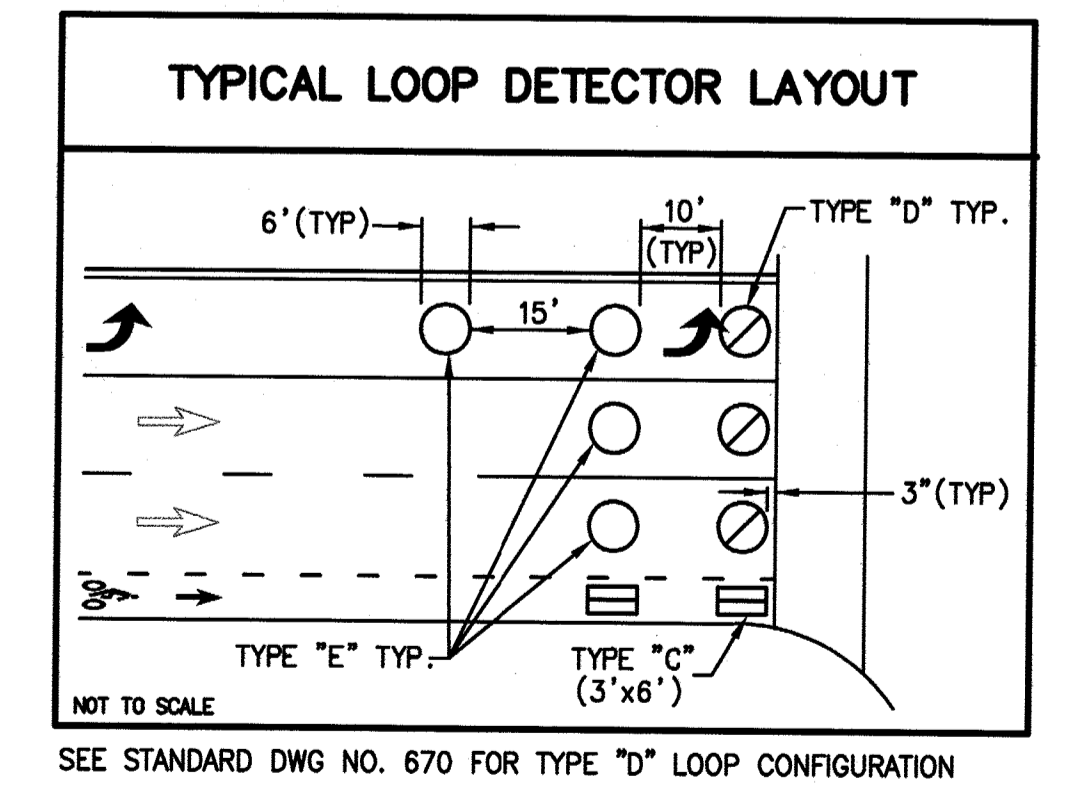
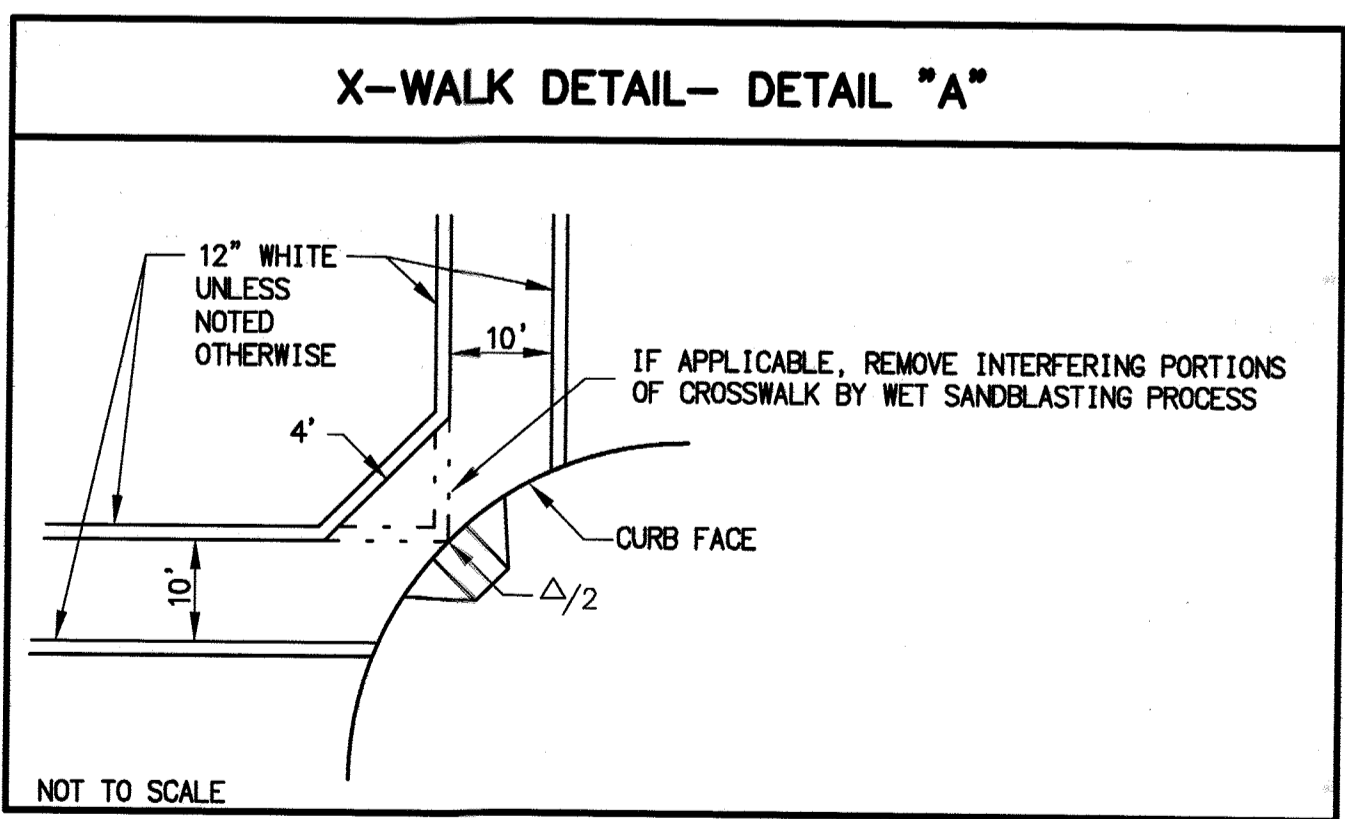
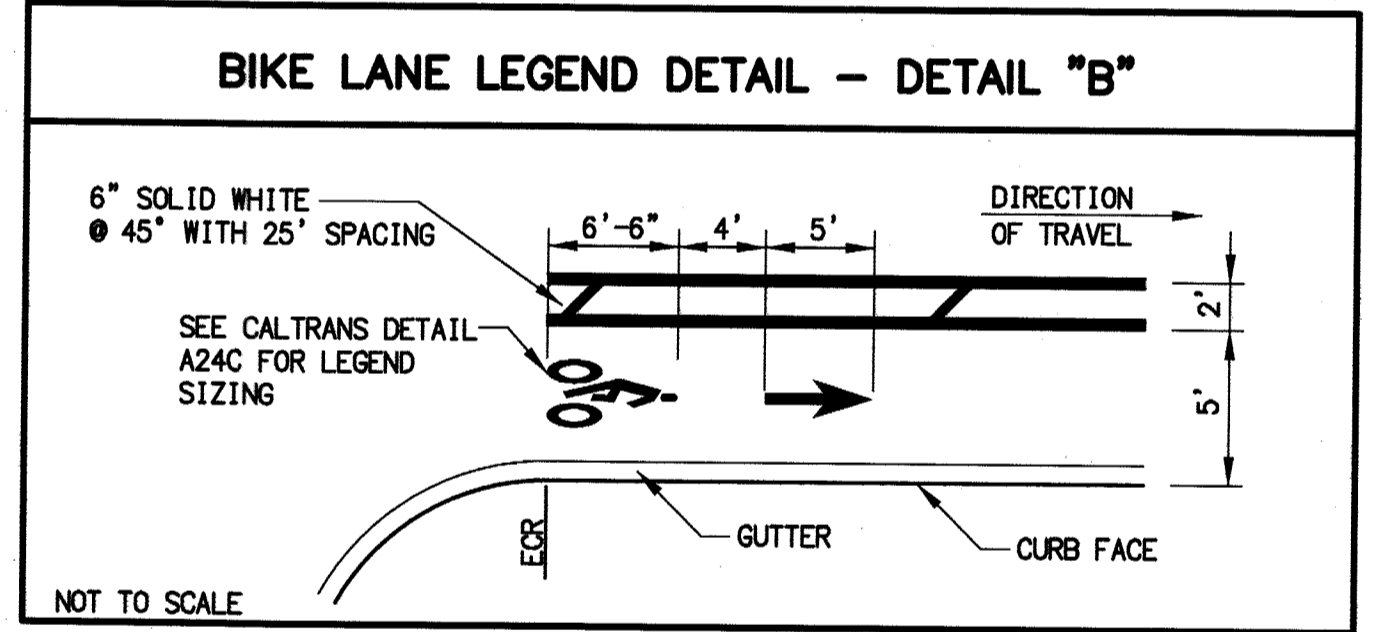
- ALL ITEMS FURNISHED AND ALL WORK TO BE DONE SHALL CONFORM TO THE REQUIREMENTS OF: THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS, DATED 2010; THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES ADOPTED 2014; AND THE SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO NOTIFY ALL AFFECTED AGENCIES AND THE RIVERSIDE UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.
- UNLESS SHOWN OTHERWISE, INDUCTIVE LOOPS SHALL BE MODIFIED TYPE "D" & TYPE "E" WITH 10', 15' AND 30' SPACING IN THE DIRECTION OF TRAVEL. NECESSARY STRIPING SHALL BE LOCATED PRIOR TO POSITIONING LOOPS. LOOPS SHALL BE SEALED WITH HOT MELT SEALANT. SEE DETAIL.
- UNDERGROUND SIGNAL CONDUCTORS SHALL NOT BE SPLICED.
- THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE PRECISE FIELD LOCATIONS OF ALL TRAFFIC SIGNAL EQUIPMENT PRIOR TO THE INSTALLATION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FURNISH AND INSTALL ANY ADDITIONAL LOAD SWITCHES AND/OR DETECTOR CARDS, IF NECESSARY, FOR THE PROPOSED OPERATION.

CONSTRUCTION NOTES:

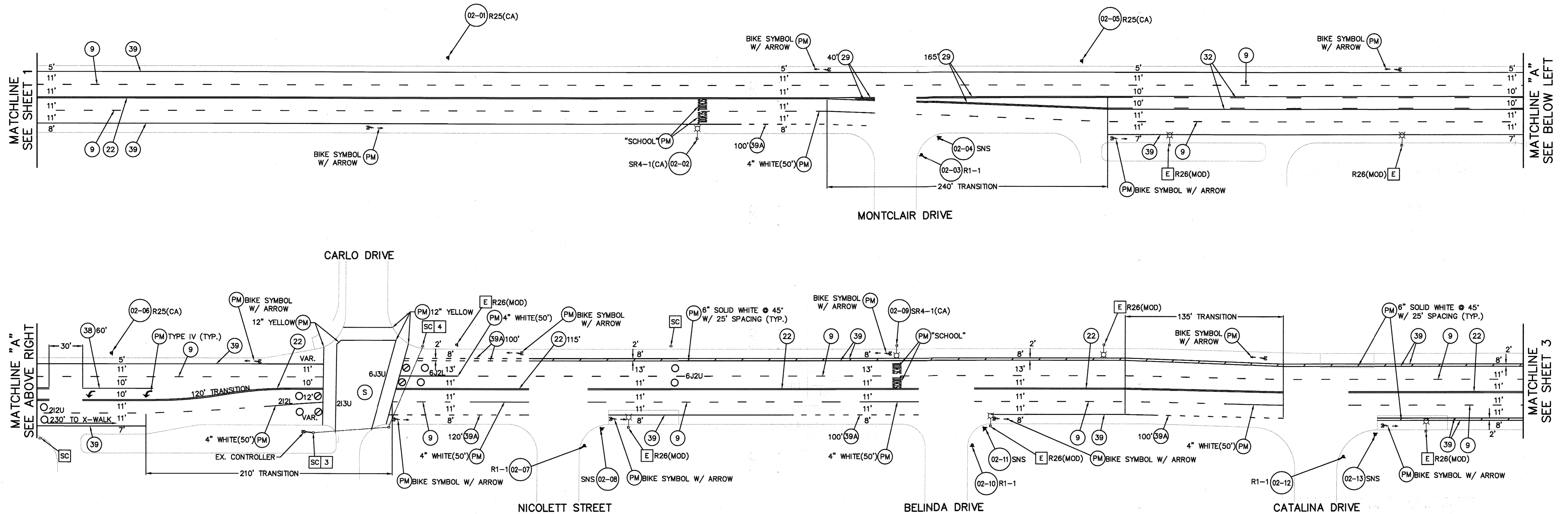
- CONTRACTOR SHALL INSTALL (2) NEW DLC, APPROX. 175' FOR LOOPS 111L AND 6J3U FROM THE ADJACENT PULLBOX TO THE EXISTING CONTROLLER, THE INSTALLATION OF (1) NEW 2-CHANNEL DETECTOR CARD MAY BE NECESSARY FOR THE PROPOSED CONFIGURATION.
- CONTRACTOR SHALL INSTALL (2) NEW DLC, APPROX. 85' FOR LOOPS 315L AND 8J7U FROM THE ADJACENT PULLBOX TO THE EXISTING CONTROLLER, THE INSTALLATION OF (1) NEW 2-CHANNEL DETECTOR CARD MAY BE NECESSARY FOR THE PROPOSED CONFIGURATION.

LEGEND:

- # INSTALL CALTRANS STRIPING DETAIL PER NUMBER NOTED, INCLUDING INSTALLATION OF RAISED PAVEMENT MARKERS.
- PM INSTALL PAVEMENT MARKING OR ARROW AS NOTED.
- S EXISTING SIGNALIZED INTERSECTION
- XX' PROPOSED WIDTH
- (XX') EXISTING WIDTH
- SC SPLICE NEW TO EXISTING CONDUCTORS
- I INSTALL TYPE "D" AND/OR TYPE "E" DETECTOR LOOPS UNLESS OTHERWISE NOTED.



<p>Under Ground Service Alert of Southern California Call: TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG</p>	<p>ENGINEER IN RESPONSIBLE CHARGE GILBERT M. HERNANDEZ R.C.E. No. 69170 EXPIRES 6-30-16 DATE 10-21-15</p>	<p align="center">CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS</p>		<p align="center">SIGNING AND STRIPING PLAN</p> <p align="center">CENTRAL AVENUE FROM STREETER AVENUE TO BROCKTON AVENUE</p> <p align="center">SCALE: 1" = 40'</p>	<p align="center">XL-733</p> <p align="center">SHEET 1 OF 3</p> <p align="center">FILE NAME: XL733.DWG</p>
		<p>APPROVED BY: <i>Fahsid Mohamedi</i> ENGINEERING MANAGER TRAFFIC DIVISION CONSTRUCTION ADMIN. <i>SN</i> 12-9-15</p>	<p>APPROVED BY: <i>Fahsid Mohamedi</i> CITY ENGINEER DATE: 12/3/15</p>		



LEGEND:

- # INSTALL CALTRANS STRIPING DETAIL PER NUMBER NOTED, INCLUDING INSTALLATION OF RAISED PAVEMENT MARKERS.
- (PM) INSTALL PAVEMENT MARKING OR ARROW AS NOTED.
- (S) EXISTING SIGNALIZED INTERSECTION
- XX' PROPOSED WIDTH
- SC SPLICE NEW TO EXISTING CONDUCTORS
- I INSTALL TYPE "D" AND/OR TYPE "E" DETECTOR LOOPS UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES:

- 3 CONTRACTOR SHALL INSTALL (1) NEW DLC, APPROX. 15' FOR LOOPS 213U FROM THE ADJACENT PULLBOX TO THE EXISTING CONTROLLER. THE INSTALLATION OF (1) NEW 2-CHANNEL DETECTOR CARD MAY BE NECESSARY FOR THE PROPOSED CONFIGURATION.
- 4 CONTRACTOR SHALL INSTALL (1) NEW DLC, APPROX. 150' FOR LOOPS 6J3U FROM THE ADJACENT PULLBOX TO THE EXISTING CONTROLLER. THE INSTALLATION OF (1) NEW 2-CHANNEL DETECTOR CARD MAY BE NECESSARY FOR THE PROPOSED CONFIGURATION.

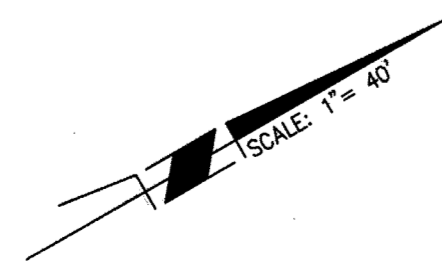
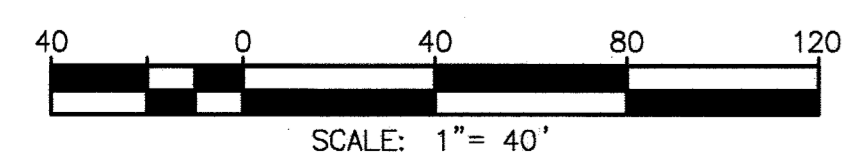
STRIPING QUANTITIES - THIS SHEET

ITEM	DESCRIPTION	QUANTITY	UNIT
1	DETAIL 9	4,370	LF
2	DETAIL 22	1,695	LF
3	DETAIL 29	410	LF
4	DETAIL 32	735	LF
5	DETAIL 38	60	LF
6	DETAIL 39A	4,825	LF
7	DETAIL 39A	620	LF
8	4" SOLID WHITE	250	LF
9	6" SOLID WHITE	150	LF
10	12" SOLID WHITE	390	LF
11	PAVEMENT LEGENDS/MARKINGS	330	SF
12	TYPE "D" DETECTOR LOOP	4	EA
13	TYPE "E" DETECTOR LOOP	8	EA

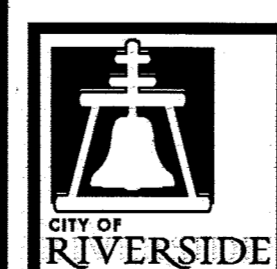
SIGN QUANTITIES - THIS SHEET

SIGN NUMBER	SIGN CODE	INSTALL ROADSIDE SIGN(S)			INSTALL STREET NAME SIGN	RELOCATE ROADSIDE SIGN(S)		REMOVE SIGN(S)
		NO POST	ONE POST	TWO POST		NO POST	ONE POST	
02-01	R25(CA)		1					1
02-02	SR4-1(CA)	1						1
02-03	R1-1		1					1
02-04	SNS				1			
02-05	R25(CA)	1						1
02-06	R25(CA)	1						1
02-07	R1-1	1						1
02-08	SNS				1			
02-09	SR4-1(CA)	1						1
02-10	R1-1		1					1
02-11	SNS				1			
02-12	R1-1		1					1
02-13	SNS				1			
GRAND TOTAL:		2	7		4			9

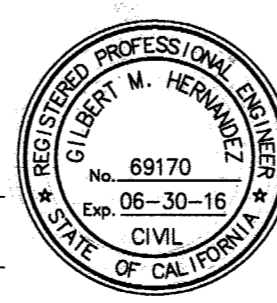
**SIGN SIZE SHALL BE DETERMINED BY THE REQUIREMENTS WITHIN THE CALIFORNIA MUTCD
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 SEE CITY OF RIVERSIDE STD DWG NO. 662 FOR STREET NAME SIGNS
 SNS = STREET NAME SIGN



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: 6-30-16
 DATE: 10-21-15



MARK	REVISIONS	APPR.	DATE

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

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

APPROVED BY	BY	DATE
ENGINEERING MANAGER		
TRAFFIC DIVISION		
CONSTRUCTION ADMIN.	5#	12-11-15

APPROVED BY: *Fahed Mohammadi*
 CITY ENGINEER
 DATE: 12/2/15

SIGNING AND STRIPING PLAN

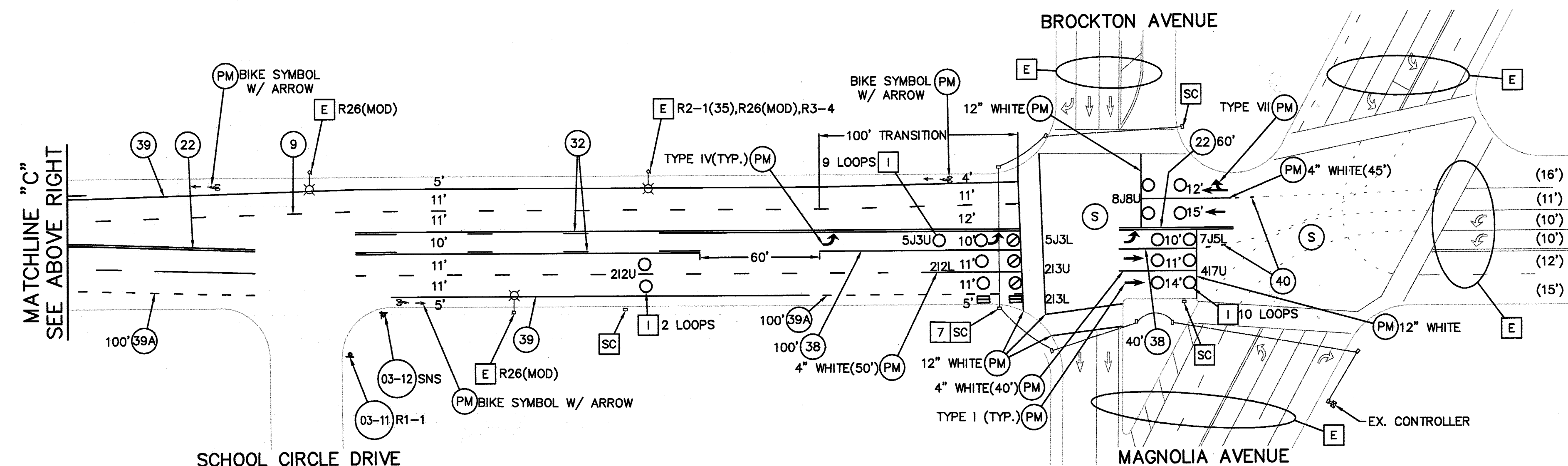
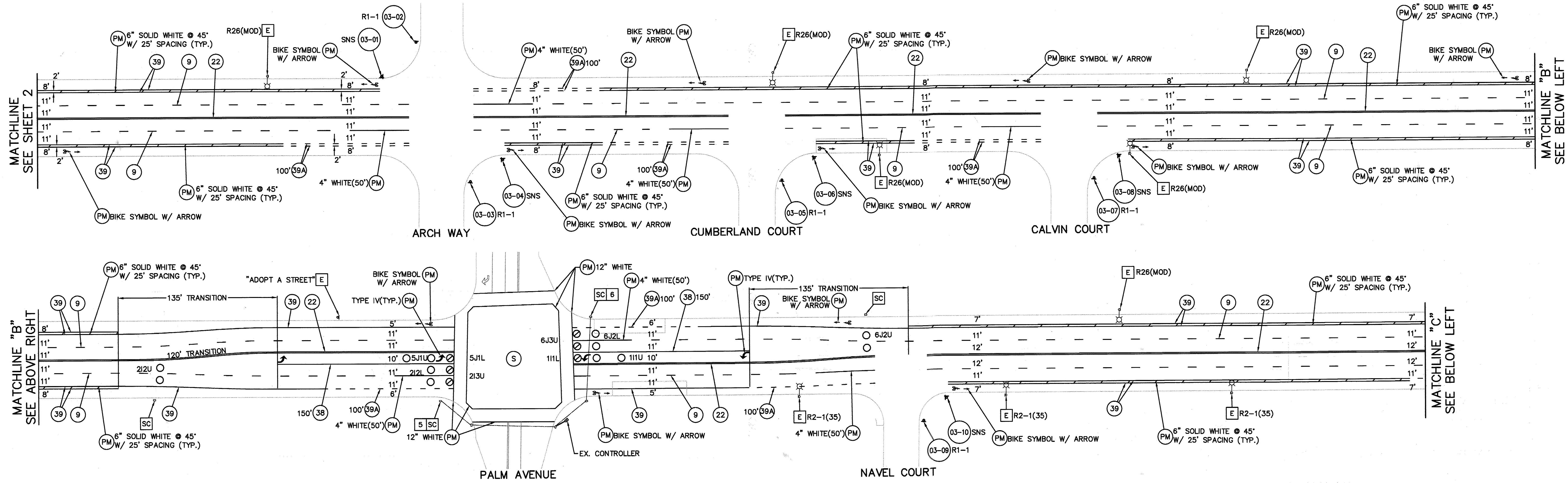
**CENTRAL AVENUE
 FROM STREETER AVENUE
 TO BROCKTON AVENUE**

SCALE: 1" = 40'

XL-733

SHEET **2** OF **3**

FILE NAME: XL733.DWG



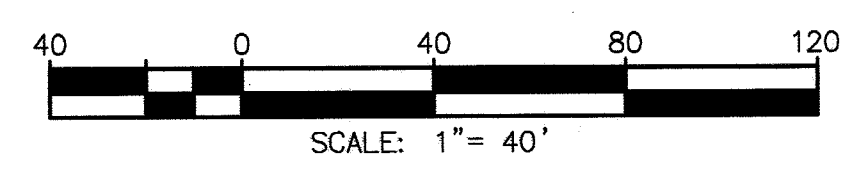
STRIPING QUANTITIES - THIS SHEET			
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3	DETAIL 32	350	LF
4	DETAIL 38	400	LF
5	DETAIL 39	6,230	LF
6	DETAIL 39A	1,300	LF
7	DETAIL 40	30	LF
8	4\"/>		

SIGN QUANTITIES - THIS SHEET						
SIGN NUMBER	SIGN CODE	INSTALL ROADSIDE SIGN(S)		RELOCATE ROADSIDE SIGN(S)		REMOVE SIGN(S)
		NO POST	TWO POST	NO POST	ONE POST	
03-01	SNS			1		
03-02	R1-1		1			1
03-03	R1-1, SNS		1			1
03-04	SNS			1		
03-05	R1-1		1			1
03-06	R1-1, SNS					1
03-07	SNS			1		
03-08	R1-1		1			1
03-09	R1-1, SNS		1			1
03-10	SNS			1		
03-11	R1-1		1			1
03-12	SNS			1		
GRAND TOTAL:		6	6			6

- LEGEND:**
- # INSTALL CALTRANS STRIPING DETAIL PER NUMBER NOTED, INCLUDING INSTALLATION OF RAISED PAVEMENT MARKERS.
 - PM INSTALL PAVEMENT MARKING OR ARROW AS NOTED.
 - S EXISTING SIGNALIZED INTERSECTION
 - XX' PROPOSED WIDTH
 - SC SPLICE NEW TO EXISTING CONDUCTORS
 - I INSTALL TYPE "C", TYPE "D", AND/OR TYPE "E" DETECTOR LOOPS UNLESS OTHERWISE NOTED.

- CONSTRUCTION NOTES:**
- 5 CONTRACTOR SHALL INSTALL (2) NEW DLC, APPROX. 120' FOR LOOPS 5J1L AND 2I3U FROM THE ADJACENT PULLBOX TO THE EXISTING CONTROLLER, THE INSTALLATION OF (1) NEW 2-CHANNEL DETECTOR CARD MAY BE NECESSARY FOR THE PROPOSED CONFIGURATION.
 - 6 CONTRACTOR SHALL INSTALL (2) NEW DLC, APPROX. 125' FOR LOOPS 111L AND 6J3U FROM THE ADJACENT PULLBOX TO THE EXISTING CONTROLLER, THE INSTALLATION OF (1) NEW 2-CHANNEL DETECTOR CARD MAY BE NECESSARY FOR THE PROPOSED CONFIGURATION.
 - 7 CONTRACTOR SHALL INSTALL (3) NEW DLC, APPROX. 220' FOR LOOPS 5J3L, 2I3U, AND 2I3L FROM THE ADJACENT PULLBOX TO THE EXISTING CONTROLLER, THE INSTALLATION OF (2) NEW 2-CHANNEL DETECTOR CARD MAY BE NECESSARY FOR THE PROPOSED CONFIGURATION.

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ENGINEER IN RESPONSIBLE CHARGE
GILBERT M. HERNANDEZ
R.C.E. No. 69170 EXPIRES: 6-30-16
DATE: 10-21-15

REGISTERED PROFESSIONAL ENGINEER
No. 69170
Exp. 06-30-16
CIVIL
STATE OF CALIFORNIA

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *Faisal Alhamadi*
TRAFFIC DIVISION
CONSTRUCTION ADMIN. *SM*
DATE: 12-3-15

SIGNING AND STRIPING PLAN

CENTRAL AVENUE FROM STREETER AVENUE TO BROCKTON AVENUE

SCALE: 1" = 40'

XL-733

SHEET **3** OF **3**

FILE NAME: XL733.DWG