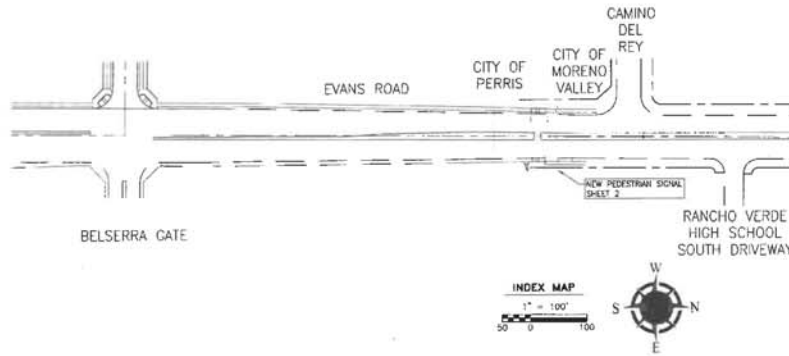


**TRAFFIC SIGNAL GENERAL NOTES:**

- ALL TRAFFIC SIGNAL WORK AND MATERIAL SHALL CONFORM TO THE STANDARD PLANS AND SPECIFICATIONS (LATEST VERSION) OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION AND THE SPECIAL PROVISIONS OF THIS PROJECT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES, PUBLIC OR PRIVATE, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF UNDERGROUND FACILITIES DAMAGED BY HIS OPERATIONS.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.
- TYPE V PHOTOELECTRIC CONTROL, CONTRACTOR AND TEST SWITCH ASSEMBLY SHALL BE INSTALLED IN THE SERVICE CABINET. PHOTOELECTRIC CONTROL CONTACTORS SHALL BE 60 AMP MERCURY FOR LAMPMARKS, AND 30 AMP MERCURY FOR STREET NAME SIGNS.
- ALL PULL BOXES SHALL BE NO. 6 UNLESS OTHERWISE INDICATED OR APPROVED BY THE ENGINEER. MAXIMUM SPACING SHALL BE 200'.
- A MINIMUM OF 2 FEET OF CLEARANCE SHALL BE MAINTAINED BETWEEN TELEPHONE CONDUIT AND ELECTRICAL CONDUITS.
- A MINIMUM OF 10 FEET OF CLEARANCE SHALL BE MAINTAINED BETWEEN THE CONTROLLER CABINET AND THE SERVICE EQUIPMENT ENCLOSURE.
- ALL PULL BOXES IN UNIMPROVED AREAS SHALL BE TRAFFIC BEARING WITH A ONE FOOT CONCRETE BERRON AROUND BOX. UNIMPROVED AREAS ARE DEFINED AS LOCATIONS NOT PROTECTED BY CURB AND GUTTER.
- OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATIONS PRIOR TO FINAL PLACEMENT. STRIPING LAYOUT (CAT-TRACKING) SHALL BE APPROVED PRIOR TO LOOP DETECTOR INSTALLATIONS.
- EXACT EQUIPMENT AND DETECTOR LOOP LOCATIONS SHALL BE APPROVED BY THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE PRIOR TO INSTALLATION BY THE CONTRACTOR.
- ALL STRIPING, PAVEMENT MARKINGS AND SIGN REQUIREMENTS (REMOVE OR INSTALLATIONS) SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO THE SCHEDULED TURN ON.
- UNLESS SHOWN OTHERWISE, ALL INDUCTIVE LOOPS SHALL BE 6"-ROUND (4 TURNS OF WIRE, SEALED WITH HOT RUBBER SEALANT) WITH 10' SPACING IN THE DIRECTION OF TRAVEL. NECESSARY STRIPING SHALL BE LOCATED PRIOR TO POSITIONING DETECTOR LOOPS.
- THE DETECTOR LOOP POSITION AT THE STOP SIGN SHALL BE A MODIFIED "D-LOOP" AS SHOWN ON THE PLANS TO BE ABLE TO DETECT BICYCLES AND MOTORCYCLES.
- ALL CONDUIT SHALL BE 3-INCH RIGID METAL UNLESS OTHERWISE INDICATED. ALL CONDUIT PLACED UNDER PAVING SHALL BE INSTALLED WITHOUT OPEN CUTTING.
- A MINIMUM OF 6 FEET OF SLACK SHALL BE PROVIDED AT EACH PULL BOX AND 20 FEET OF SLACK SHALL BE PROVIDED AT EACH CONTROLLER CABINET FOR SIGNAL INTERCONNECT CABLE.
- ALL SIGNAL HEAD AND BANK PLATES SHALL BE METAL WITH FULL CIRCLE VISORS. ALL VEHICLE AND PRO INDICATIONS SHALL BE LED. (SEE SPECIAL PROVISIONS FOR DETAILS.) ALL VEHICLE INDICATORS SHALL BE 12" PEDESTRIAN INDICATOR SHALL BE PEDESTRIAN COUNTDOWN TYPE GAUGE# 430-8479-001, OR APPROVED EQUAL.
- ALL UNUSED TENDONS SHALL BE CAPPED IN A WATERPROOF METHOD, AS DIRECTED BY THE RESIDENT ENGINEER.
- THE INTERNALLY ILLUMINATED STREET NAME SIGNS (SIGNS) SHALL BE BLUE IN BACKGROUND AND SHALL HAVE A WHITE STREET NAME LETTERING. SEE CITY STANDARDS M&T-411A, R, C, D, D.
- ALL INST. AND M&M STANDARDS SHALL HAVE A 120 VOLT SINGLE WATERPROOF ELECTRICAL OUTLET AND SHALL BE INSTALLED ON THE STANDARD 12" ABOVE THE SIGNAL ARM.
- ALL TRAFFIC SIGNAL POLE FOUNDATIONS NOT TO BE RE-USED SHALL BE REMOVED IN THEIR ENTIRETY.

**IN THE CITY OF MORENO VALLEY, STATE OF CALIFORNIA**  
**PEDESTRIAN SIGNAL PLAN FOR**  
**TRACT NO. 36648**  
 LOCATED IN SECTION 5, T. 4 S., R. 3 W., 88M.



**NOTICE TO CONTRACTORS**

CONTRACTOR AGREES THAT HE SHALL ASSUME COMPLETE AND SOLE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL OBTAIN INDEMNITY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FROM LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

**UNDERGROUND STRUCTURES**

ALL UNDERGROUND STRUCTURES OR UTILITIES REPORTED BY THE OWNER OR OTHERS AND THOSE SHOWN ON THE RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT.

THE OWNER, BY ACCEPTING THESE PLANS OR PROCEEDING WITH THE IMPROVEMENTS PURSUANT HERETO AGREES TO ASSUME LIABILITY AND TO HOLD THE UNDERGOER'S HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERGOER, NOT INDICATED ON THE PUBLIC RECORDS EXAMINED, OR LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON THE RECORDS EXAMINED.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.

**BASIS OF BEARINGS**

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, ZONE 8, SHOWN LOCALLY ON CONTROL STATIONS "MURPHY," "TERRY," AND "BURNSIDE(2011)" AS SHOWN HEREON. ALL BEARINGS SHOWN ON THIS MAP ARE GRID QUOTED BEARINGS AND DISTANCES FROM REFERENCING MAPS OR DEEDS ARE AS SHOWN PER THAT RECORD. REFERENCED ALL DISTANCES SHOWN ARE GROUND DISTANCES UNLESS SPECIFIED OTHERWISE. GRID DISTANCES MAY BE OBTAINED BY MULTIPLYING THE GROUND DISTANCE BY A COMBINATION FACTOR OF 0.999993229. CALCULATIONS MADE AT STATION POINT 1 USING ELLIPSOID OF 1145,421, COMMERCE ANGLE IS -00'31"28"

**BENCHMARK**

USE # 65 BENCHMARKS

427 (PD #BX2103) - 3" BRASS DISK, 571 IN READER.

STATION IS ABOUT 4-1/2 MILES W OF LAKEMORE, ABOUT ONE MILE W OF THE PASS THROUGH THE BURNSIDE MOUNTAINS, ABOUT 700 FEET SW OF THE INTERSECTION OF BROOKLYN ROAD AND WALNUT AVENUE, 70 FEET S OF CENTER LINE OF WALNUT AVENUE, IN A LARGE BOULDER, AND MARKED WITH A TEE. MARK IS A METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA STANDARD DISK STAMPED 40 Y 1951.

ELEV. = 1489.35', NAD 83

**UTILITIES:**

WATER: EASTERN METROPOLITAN WATER DISTRICT  
PHONE: (800) 428-3843

WATER: EASTERN METROPOLITAN WATER DISTRICT  
PHONE: (800) 428-3843

ELECTRIC: MORENO VALLEY ELECTRIC UTILITY  
PHONE: (951) 413-3500

TELEPHONE: GENERAL TELEPHONE COMPANY  
PHONE: (800) 834-4866

GAS: SOUTHERN CALIFORNIA GAS COMPANY  
PHONE: (800) 427-2200

CABLE: SPECTRUM  
PHONE: (866) 674-2388

**INDEX OF SHEETS:**

SHEET NO. DESCRIPTION  
 1 TITLE SHEET  
 2 PEDESTRIAN SIGNAL - EVANS ROAD

**IMPORTANT NOTICE**  
 SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DISC ALERT IDENTIFICATION NUMBER TO BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. UNDERGROUND SERVICE ALERT TOLL FREE 1-800-422-4133 TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK	BASIS OF BEARING	REVIEW BY CITY STAFF	
		DATE	INITIALS

NO.	DATE	APPROV.	DESCRIPTION

CITY OF PERRIS  
 REVIEWED BY: \_\_\_\_\_

CITY ENGINEER DATE \_\_\_\_\_

CITY OF MORENO VALLEY APPROVALS  
 RECOMMENDED: \_\_\_\_\_ DATE 7/6/10  
 AUTHORIZED BY: \_\_\_\_\_ DATE 7/6/10  
 ENGINEERING DESIGN MANAGER/CITY ENGINEER  
 ATTEST: \_\_\_\_\_ DATE 7/6/10  
 PUBLIC WORKS SUPERVISOR/CLERK

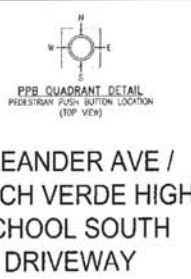
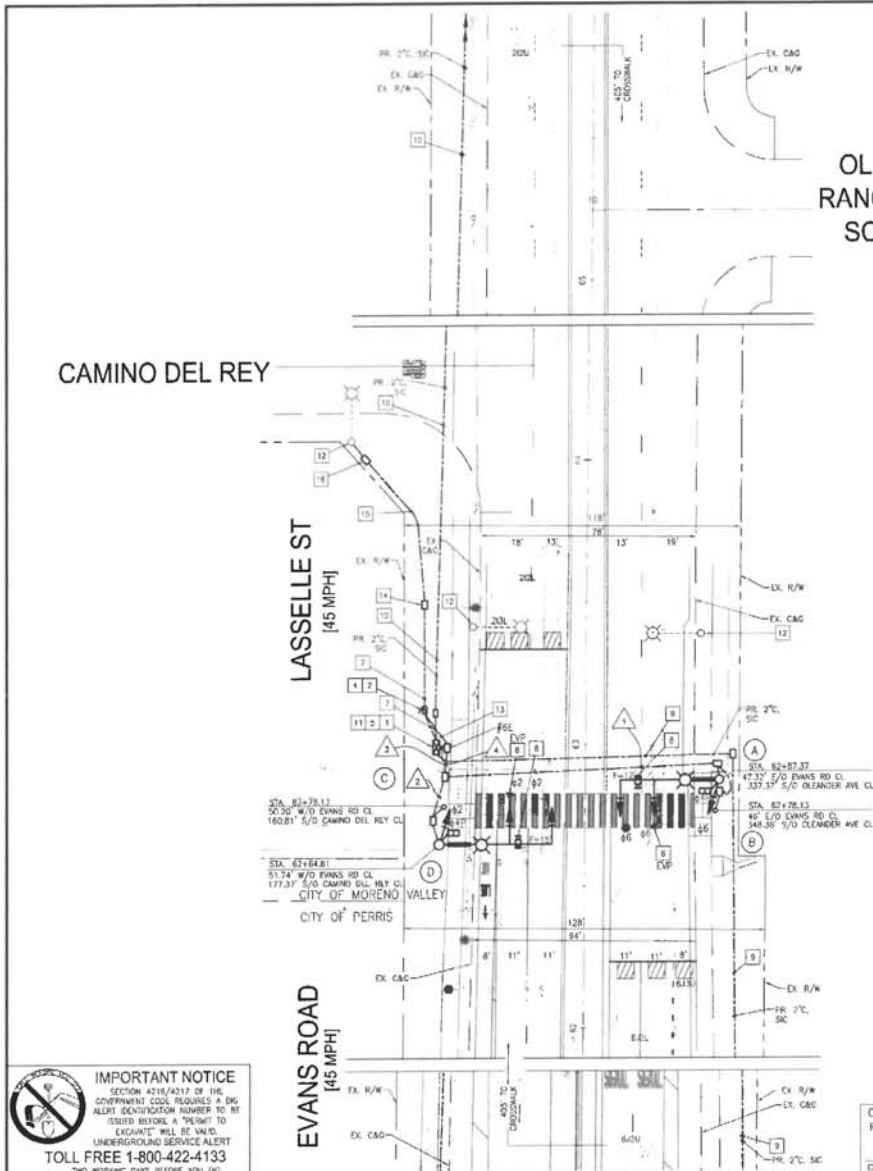
DESIGNED BY: IT  
 CHECKED BY: IT  
 PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 NRL

ALBERT A. WEBB  
 ENGINEERING CONSULTANTS  
 3788 W. GARDEN STREET  
 PERRIS, CA 92506  
 PH: (951) 806-1070  
 FAX: (951) 709-1258

REGISTERED PROFESSIONAL ENGINEER  
 No. 036078  
 CIVIL ENGINEERING

CITY OF MORENO VALLEY  
 TRACT 36648  
 LASSELLE STREET/EVANS ROAD  
 PEDESTRIAN SIGNAL PLAN  
 TITLE SHEET

1  
 SHEET 1 OF 2  
 CITY ID. NO. LC018-0027



### OLEANDER AVE / RANCHO VERDE HIGH SCHOOL SOUTH DRIVEWAY

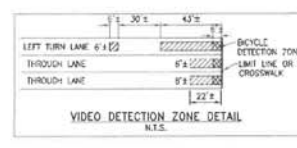
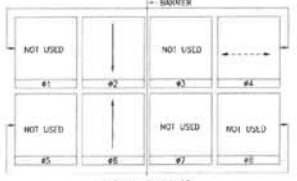
POLE SCHEDULE													
NO.	TYPE	HEIGHT	SIG. M.A.	LUM. M.A.	F	LUMENS*	SIGNAL MOUNTING			PPB**	U.S.N.S. LEGEND**	LOCATION	
							VEHICLE	PED†	PHASE			QUAD.	A
(A)	24-4-100	30'	35'	15'	12'	99W	MAS	MAS	SV-1-T	SP-1-T	-	TRAIL XING	SEE PLAN
(B)	PPB	5'-7"	-	-	-	-	-	-	-	-	2	N	SEE PLAN
(C)	PPB	5'-7"	-	-	-	-	-	-	-	-	2	S	SEE PLAN
(D)	26-4-100	30'	40'	15'	15'	99W	MAS	MAS	SV-1-T	SP-1-T	-	TRAIL XING	SEE PLAN

ALL EQUIPMENT SHALL BE NEW AND PER THE 2018 CALTRANS STANDARD PLANS UNLESS SPECIFIED OTHERWISE.  
 \* ALL LED MODULES SHALL BE NEW. ALL PEDESTRIAN SIGNAL HEADS SHALL BE COUNTDOWN TYPE.  
 † U.S.N.S. SHALL BE INSTALLED PER CITY OF MORENO VALLEY STANDARD PLAN MVT-111A, R, C, D-D WITH BLACK COLOR TEXT AND YELLOW COLOR BACKGROUND SIGN PANEL.  
 \*\* ALL PPB SHALL BE 2-WIRE SYSTEM POLARA ACCESSIBLE PEDESTRIAN SIGNAL TYPE.  
 \*\*\* LUMINAIRES SHALL BE INSTALLED PER CITY OF MORENO VALLEY STANDARD PLAN MVL1-4009-2 WITH COLOR TEMPERATURE: 4000K, LUMENS: 11,500, WATTS: 99W AND GE MODEL# EPLM-011-53-40-A-DRAY OR EQUIVALENT.

- CONSTRUCTION NOTES (THIS SHEET ONLY):**
- FURNISH AND INSTALL A NEW TRIP NOTIFY AIC CONTROLLER WITH INTERSECTION CONTROLLER FURNISH PER A NEW CONTROLLER CABINET (TYPE 333) WITH NEW CONDUITS AND FOUNDATION PER CITY OF MORENO VALLEY STANDARD PLAN MVT-1400-0.
  - FURNISH AND INSTALL TYPE #6 200/200V DUAL METER SERVICE EQUIPMENT ENCLOSURE (METERS ELECTRIC MODEL MVE320-PR-M00/M100 WITH FOUR 750A MAINTENANCE FREE EXTERIORS) WITH NEW CONDUITS AND FOUNDATION PER CITY OF MORENO VALLEY STANDARD PLAN MVL1-481-D. SIGNAL AND PMS TO BE CONNECTED TO ONE WIRE AND SAFETY LIGHTING TO BE CONNECTED TO A SECOND WIRE. THE CONDUITORS SHALL PROVIDE FOR ALL REQUIRED ELECTRIC SERVICE HOOD-IPCS.
  - FURNISH AND INSTALL 2" CONDUIT, 3-#6 (SIGNAL SERVALE, CFC)
  - FURNISH AND INSTALL DUAL TYPE V.P.C. 100A MAIN BREAKERS, 30A METEDED BREAKER (SIGNAL), 25A METEDED BREAKER (PMS), 30A METEDED BREAKER (LIGHTING) AND 1/4" METEDED BREAKER (DECORATIVE LIGHTING) IN SERVALE CABINET.
  - FURNISH AND INSTALL 3M MODEL 782 RACK MOUNTED PHASE SELECTOR EQUIPMENT AND CONTROLLER CABINET.
  - FURNISH AND INSTALL 3M OPTICON EMERGENCY VEHICLE PREVENTION DETECTOR MODEL 721 ON TOP OF SIGNAL HEADS PER CALTRANS STD PLAN ES-4C, 3M MODEL 118 DETECTOR CABLE.
  - FURNISH AND INSTALL 3" SCHEDULE 40 PVC CONDUIT WITH PULLBORES (P.D. #18) PER CITY OF MORENO VALLEY ELECTRIC UTILITY REQUIREMENTS. FURNISH AND INSTALL 1.5" CONDUIT AND NEW #8 CONDUIT FROM NEW HANDLE TO NEW TRAFFIC METER. PEDESTRIAN CONTACT CITY OF MORENO VALLEY ELECTRIC UTILITY SERVICE PLANNER AT 951-412-3500, 48 HOURS BEFORE BEGINNING WORK.
  - FURNISH AND INSTALL FLEURS VANTAGE VECTOR VIDEO DETECTION SYSTEM (VIDEO AND RADAR DETECTOR) (VIDEO SIGNAL MUST NOW PER MORENO VALLEY'S SPECIFICATIONS. CONTRACTOR IS REQUIRED TO PROVIDE ALL NECESSARY EQUIPMENT, CASING, AND INSTALLATION FOR PROPER OPERATION AND MAINTENANCE OF VIDEO DETECTION SYSTEM.
  - FURNISH AND INSTALL 2" WITH 6-PAR INTERCONNECT CABLE FROM CONTROLLER AT DWAN/REISERRA TO CONTROLLER AT THE NEW PEDESTRIAN TRAFFIC SIGNAL APPROXIMATELY 760' CENTERLINE TO CENTERLINE. INSTALL #5 PULLBORES AT 200' ON CENTER.
  - FURNISH AND INSTALL (4) 1.5" HDPE SCHEDULE 80 CONDUITS (COLORS: YELLOW, ORANGE, BLUE, BLACK) WITH 6 PAR NO. 19 INTERCONNECT CABLE IN ONE CONDUIT, NO. 10 GAUGE BARE COPPER TRACE WIRE IN BLACK CONDUIT AND 3/16" NYLON PULL ROPE IN EACH CONDUIT FROM CONTROLLER AT THE NEW PEDESTRIAN TRAFFIC SIGNAL TO THE CONTROLLER AT LASSELLE ST/VALE DE ANZA. APPROXIMATELY 800' CENTERLINE TO CENTERLINE. INSTALL #45 FIBERGLASS PULLBORES AT 400' SPACING.
  - FURNISH AND INSTALL BATTERY BACKUP SYSTEM (BBS) PER CITY OF MORENO VALLEY STANDARD.
  - PROTECT IN PLACE.
  - FURNISH AND INSTALL 2" CONDUIT, #4-#12 (PEC & BONS), 2-#10 (LUMINAIRE).
  - FURNISH AND INSTALL NEW HANDLE AND NEW 4-WAY LIGHTING MECHANICAL CONNECTIONS.
  - FURNISH AND INSTALL 1.5" CONDUIT AND NEW #8 CONDUIT FROM NEW HANDLE TO NEW HANDLE AT THE SOUTHWEST CORNER OF CAMINO DEL REY AND LASSELLE ST.
  - PROTECT EXISTING 1" CONDUIT AND EXISTING #8 CABLE. FURNISH AND INSTALL NEW HANDLE AND NEW 4-WAY LIGHTING MECHANICAL CONNECTIONS. CONNECT NEW #8 CONDUIT FROM NEW HANDLE TO EXISTING STREET LIGHT.

CONDUCTOR SCHEDULE					
A.W.G.	CIRCUIT	RUNS			
		Δ	Δ	Δ	Δ
12	POLE A	1/1	-	1/1	1/1
	POLE B	-	1/1	-	1/1
	POLE C	-	-	1/1	-
2	TRAIL 1	1/1	1/1	1/1	1/1
	TRAIL 2	1/1	1/1	1/1	1/1
#10	LUMINAIRE	2	2	4	
#12	U.S.N.S.	2	2	4	
#12	MODEL 136	2	2	2	
#12	CABLE	1	1	2	
#12	TRACES	1	1	2	
CABLE SIZE (MCM)		3"	3"	3"	3"
PERCENT % "ILL"		11%	12%	22%	18%

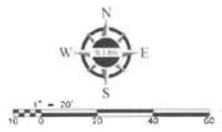
ALL NEW CONDUCTORS, CABLES, AND LUMINAIRES



ALL TRAFFIC SIGNAL WORK AND MATERIAL SHALL CONFORM TO THE STANDARD PLANS AND SPECIFICATIONS (LATEST EDITION) OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, CITY OF MORENO VALLEY STANDARD PLANS AND SPECIFICATIONS, AND THE SPECIAL PROVISIONS OF THIS PROJECT.

**SIGNAL TIMING CHART:**  
 THE INITIAL SIGNAL TIMING CHART SHALL BE PROVIDED BY THE DEVELOPER AND TRAFFIC ENGINEER AND PROGRAMMED BY THE SIGNAL CONTRACTOR. A COPY OF THE TIMING CHART SHALL BE SUBMITTED TO THE CITY OF MORENO VALLEY AND A COPY SHALL BE PLACED IN THE SIGNAL CABINET AT TIME OF TURN-ON.

**CAUTION !!!**  
 CONTRACTOR TO POTHOLE AND VERIFY LOCATION AND ELEVATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO CONSIDERING OF ANY EQUIPMENT. NOTIFY ALBERT A. WEBB ASSOCIATES IF ANY CONFLICT EXIST.



**IMPORTANT NOTICE**  
 SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER TO BE ISSUED BEFORE A PERMIT TO EXCAVATE WILL BE VALID. UNDERGROUND SERVICE ALERT TOLL FREE 1-800-422-4133 TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK	BASIS OF BEARING	REVIEW BY CITY STAFF	DATE

DATE	BY	DATE	BY
9/15/20	M. L. WEBB	9/15/20	M. L. WEBB

NO.	DATE	INITIAL	DESCRIPTION	REV.	DATE	APPROV.

CITY OF PERRIS  
 REVIEWED BY: \_\_\_\_\_  
 CITY ENGINEER DATE \_\_\_\_\_  
 CITY OF MORENO VALLEY APPROVALS  
 DESIGNED BY: M. L. WEBB  
 CHECKED BY: M. L. WEBB  
 DATE: 9/15/20

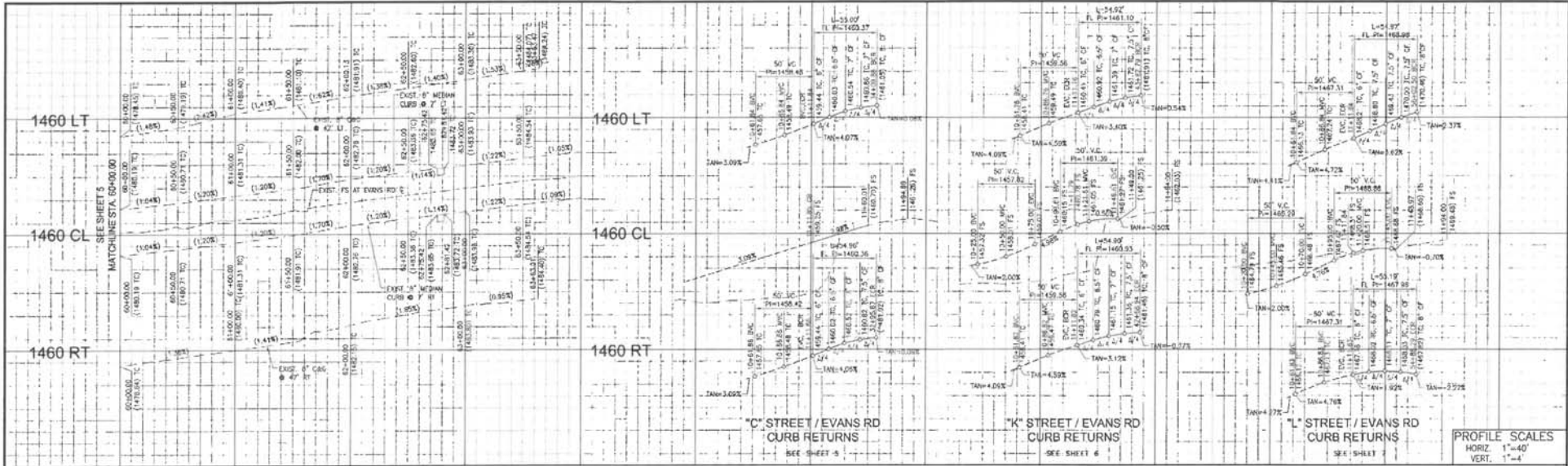
ENGINEERING CONSULTANTS  
**WEBB ASSOCIATES**  
 3728 MCGARY STREET  
 BAYVIEW CA 92006  
 PH: (951) 698-1070  
 FAX: (951) 788-1256

DESIGNED BY: CHESTER THURMEL  
 CHECKED BY: M. L. WEBB  
 DATE: 9/15/20

PROFESSIONAL SEAL  
 M. L. WEBB  
 CIVIL ENGINEER  
 NO. 050078  
 STATE OF CALIFORNIA

CITY OF MORENO VALLEY  
 TRACT 36648  
 PEDESTRIAN SIGNAL PLAN  
 LASSELLE ST/EVANS RD  
 AT RANCHO VERDE HIGH SCHOOL

SHEET 2 OF 2  
 CITY ID: NC  
 LC018-0027

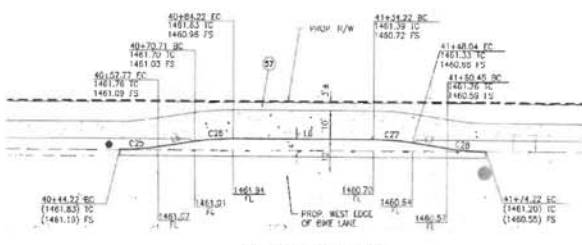
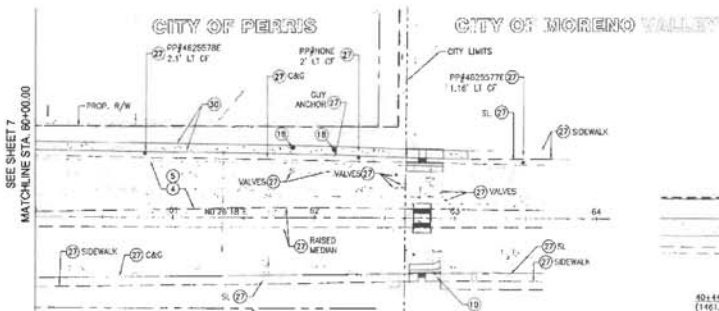


60+00 61+00 62+00 63+00 64+00

SEE TRACT 36648-1 STREET IMPROVEMENT PLANS FOR "C" STREET AND "K" STREET;  
SEE TRACT 36648 STREET IMPROVEMENT PLANS FOR "L" STREET.

PROFILE SCALES  
HORIZ. 1"=40'  
VERT. 1"=4'

**TRACT 36648 EVANS ROAD**



**CONSTRUCTION NOTES:**

- ① COULD PLACE EXISTING PAVEMENT (0.21" MIN.) FOR OVERLAY DETAIL ON SHEET 2
- ② INSTALL 0.21" A.C. OVERLAY DETAIL ON SHEET 3
- ③ REMOVE/RELOCATE EXISTING SIGN PER SIGNING & STEERING PLANS.
- ④ RELOCATE EXISTING AIR VALE AT DIRECTION OF FIRM.
- ⑤ PROTECT IN PLACE (ITEM NOTED ON PLAN).
- ⑥ CONSTRUCT 4" THICK - 6" WIDE SIDEWALK PER RIVERSIDE CO. STD. NO. 401.
- ⑦ CONSTRUCT BUS TURNOUT; LAYOUT PER IFA DESIGN PARAMETERS FOR LARGE BUS TURNOUT ADJACENT TO A BIKE LANE AND NATIONALS PER RIVERSIDE CO. STD. NO. 814
- ⑧ CONSTRUCT BUS SHELTER PER CITY OF PERRIS APPROVED SPECIFICATIONS BY UN CUSTOM MANUFACTURING OR APPROVED EQUAL.



**LEGEND**



LINE TABLE			CURVE TABLE			
LINE #	LENGTH	DIRECTION	CURVE #	LENGTH	RADIUS	DELTA
L5	13.00	N09°11'44"W	C25	13.00	90.00	8°39'31"
L6	50.00	N02°28'18"E	C26	13.56	90.00	8°38'02"
L7	12.56	N09°16'01"E	C27	13.87	90.00	8°40'44"
			C28	13.83	90.00	8°48'15"

CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C25	13.00	90.00	8°39'31"	6.81
C26	13.56	90.00	8°38'02"	6.79
C27	13.87	90.00	8°40'44"	6.95
C28	13.83	90.00	8°48'15"	6.93



**NOTE:**  
WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENFORCEMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.  
THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON IN THE EVENT OF DISCREPANCIES ARISE WITH THE APPROVAL OR DURING CONSTRUCTION. THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR OBTAINING AN ACCEPTABLE SIGNOFF AND ISSUING THE PLANS FOR APPROVAL BY THE CITY.

MARK	DATE	REVISIONS	APPROVAL	CITY

CITY OF PERRIS  
APPROVED BY: \_\_\_\_\_  
CITY ENGINEER  
DATE: \_\_\_\_\_

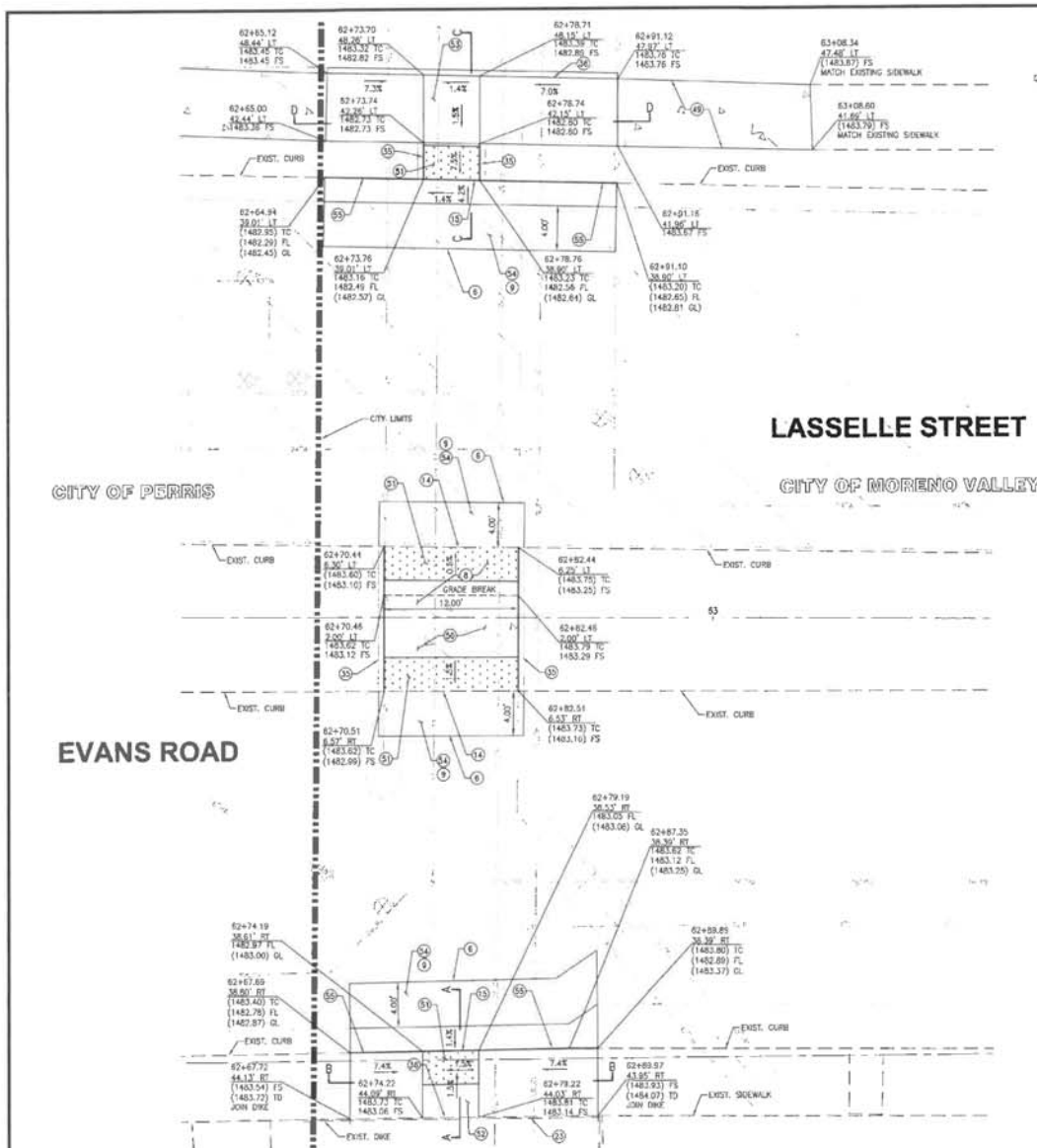
SEAL - ENGINEER  
ALBERT A. WEBB  
REGISTERED PROFESSIONAL ENGINEER  
NO. 050078  
STATE OF CALIFORNIA

CITY OF MORENO VALLEY  
CITY ENGINEER: \_\_\_\_\_ DATE: \_\_\_\_\_  
BENCHMARK: SEE SHEET 1  
PREPARED UNDER THE SUPERVISION OF: *Debrah R. Smith*  
DESIGNED BY: *gls*  
CHECKED BY: *gls*  
DATE: \_\_\_\_\_

SCALE: H: 1"=40' V: 1"=40'  
FOR: 2017-0264  
W.O. 2017-0264  
CITY FILE NO. PB-1297

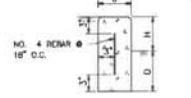
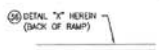
W/DID#:  
CITY OF PERRIS  
TRACT NO. 36648 & 36648-1  
OFF-SITE STREET IMPROVEMENT PLAN  
EVANS ROAD STA 60+00 TO 63+00  
SHEET NO. 8  
OF 15 SHEETS





**CONSTRUCTION NOTES:**

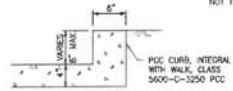
- 1) MATCH EXISTING PAVEMENT PER OVERLAY DETAIL ON SHEET 2.
- 2) CONSTRUCT PEDESTRIAN ACCESS PER DETAIL ON SHEET 9.
- 3) REMOVE EXISTING PAVEMENT SECTION.
- 4) REMOVE EXISTING MEDIAN CURB
- 5) REMOVE EXISTING CURB & DUTTER
- 6) REMOVE EXISTING A.C. DRIF.
- 7) CONSTRUCT 6" PCC CURB PER PCC CURB DETAIL ON SHEET 9.
- 8) CONSTRUCT RETAINING CURB PER RETAINING CURB DETAIL ON SHEET 9.
- 9) CONSTRUCT SIDEWALK PER CITY OF MORENO VALLEY STD. PLAN MVS-115B-0.
- 10) CONSTRUCT PEDESTRIAN CROSSING PER CALTRANS STANDARD PLAN RSP AB8A, TYPE A.
- 11) INSTALL DETECTABLE WARNING SURFACE PER CITY OF MORENO VALLEY STD. PLAN MVS-1140-1.
- 12) CONSTRUCT ACCESS RAMP - TYPE 2 PER CITY OF MORENO VALLEY STD. PLAN MVS-1140-1.
- 13) CONSTRUCT CURB RAMP PER CALTRANS STANDARD PLAN RSP AB8A, CASE F.
- 14) SLOT PATCH FULL DEPTH PAVEMENT (RAMP).
- 15) CONSTRUCT 8" INTEGRAL CURB AND GUTTER PER MVS-120B-0.



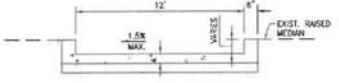
H	D
6" MIN.	8"
8" - 12"	10"
12" - 24" MAX.	12"

DETAIL "X"

**RETAINING CURB DETAIL**

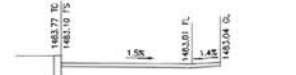


PCC CURB, WEEDSAL WITH WALK CLASS 5600-C-3250 PCC

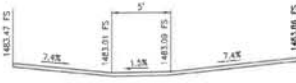


PEDESTRIAN PASS THROUGH SECTION NOT TO SCALE

SECTION A-A NOT TO SCALE



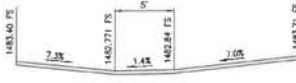
SECTION B-B NOT TO SCALE



SECTION C-C NOT TO SCALE

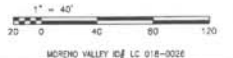


SECTION D-D NOT TO SCALE



CITY OF MORENO VALLEY  
CITY ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

WDID#:



**NOTE:**  
WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.  
THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON TO THE BEST OF HIS/HER KNOWLEDGE AFTER CITY APPROVAL, OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SECTION AND REVISIONS TO THE PLANS FOR APPROVAL BY THE CITY.

MARK	BY	DATE	REVISIONS

CITY OF PERRIS  
APPROVED BY: \_\_\_\_\_  
CITY ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

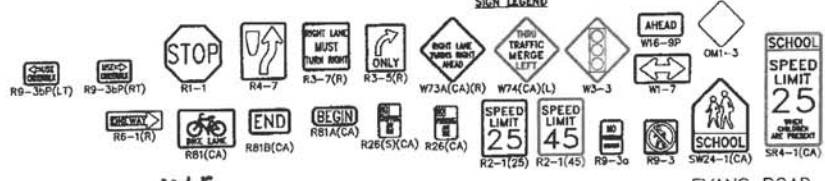
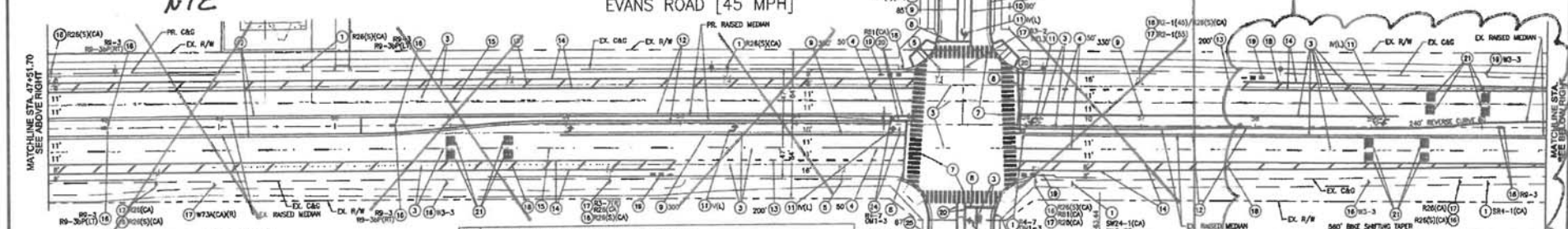
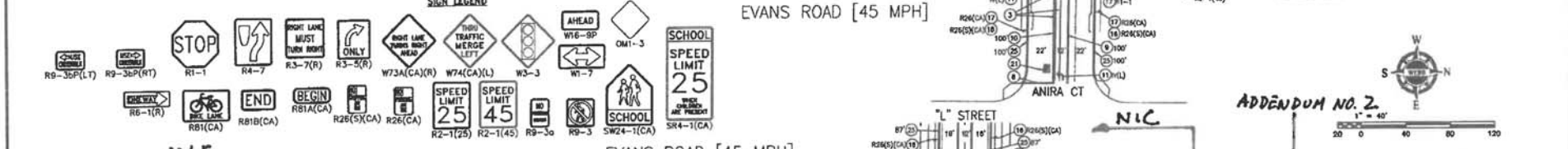
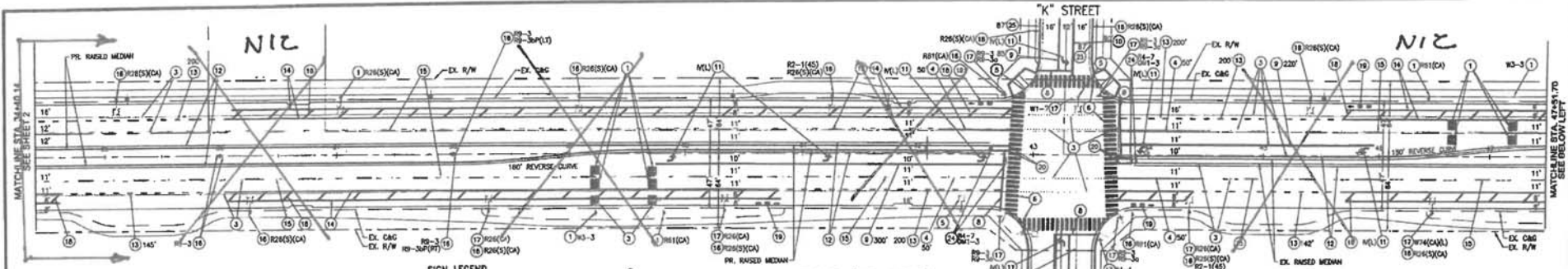
SEAL - ENGINEER  
ALBERT A. WEBB  
REGISTERED PROFESSIONAL ENGINEER  
No. 058078  
State of California

ALBERT A. WEBB  
ENGINEERING CONSULTANTS  
2708 HASKINS STREET  
PERRIS, CA 92508  
PH: (951) 886-1070  
FAX (951) 798-1256

BENCHMARK: SEE SHEET 1  
DESIGNED BY: TB  
CHECKED BY: ABK  
DATE: \_\_\_\_\_

CITY OF PERRIS  
TRACT NO. 36648 & 36648-1  
OFF-SITE STREET IMPROVEMENT PLAN  
PEDESTRIAN CROSSING  
SCALE: HORIZ. 1"=40' VERT. 1"=40'  
FOR: \_\_\_\_\_ W.O. 2017-0264 CITY FILE NO. PB-1297

SHEET NO. 9  
OF 15 SHEETS



- CONSTRUCTION NOTES:**
- PROTECT EXISTING STRIPING, MARKING, OR SIGN.
  - REFRESH STRIPING PER THE DIRECTION OF THE CITY ENGINEER.
  - SANDBLAST CONFLICTING STRIPING AS SHOWN ON PLANS.
  - APPLY THERMOPLASTIC 6" SOLID WHITE LINE.
  - POWER POLE/STREET LIGHT TO BE REMOVED BY CONTRACTOR.
  - APPLY THERMOPLASTIC 2"x10" WITH 2" GAP WHITE CONTINENTAL CROSSWALK AS SHOWN ON PLANS PER CALTRANS STANDARD PLANS, PLAN NO. A24E.
  - APPLY THERMOPLASTIC 2"x10" WITH 2" GAP YELLOW CONTINENTAL CROSSWALK AS SHOWN ON PLANS PER CALTRANS STANDARD PLANS, PLAN NO. A24E.
  - APPLY THERMOPLASTIC 12" SOLID WHITE LIMIT LINE PER CALTRANS STANDARD PLANS, PLAN NO. A24E.
  - APPLY THERMOPLASTIC 6" SOLID WHITE CHARACTERIZING LINE PER CALTRANS STANDARD PLANS, PLAN NO. A20C, DETAIL 36.
  - APPLY THERMOPLASTIC 6"x6" DOUBLE SOLID YELLOW STRIPE PER CALTRANS STANDARD PLANS, PLAN NO. A20C, DETAIL 22.
  - APPLY THERMOPLASTIC ARROW MARKING PER CALTRANS STANDARD PLANS, PLAN NO. A24A.
  - APPLY THERMOPLASTIC 6" SOLID YELLOW EDGE/LINE PER CALTRANS STANDARD PLANS, PLAN NO. A20C, DETAIL 25.
  - APPLY THERMOPLASTIC 6" DASHED WHITE BIKE LANE/LINE PER CALTRANS STANDARD PLANS, PLAN NO. A20C, DETAIL 25A.
  - APPLY THERMOPLASTIC 6" SOLID WHITE BIKE LANE/LINE PER CALTRANS STANDARD PLANS, PLAN NO. A20C, DETAIL 26.
  - PAINT 6" DASHED WHITE LANE/LINE PER CALTRANS STANDARD PLANS, PLAN NO. A20A, DETAIL 12.

- INSTALL SIGN (STANDARD SIZE OR AS INDICATED) PER CA-MUTCD.
- REMOVE AND SALVAGE EXISTING SIGN TO CITY YARD.
- APPLY THERMOPLASTIC 8" DIAGONAL WHITE HATCH AT 30" SPACING.
- APPLY THERMOPLASTIC WHITE 21"X60" BIKE LANE ARROW AND 32"X48" "BIKE LANE" PAVEMENT LEISURE PER CALTRANS STANDARD PLANS, PLAN NOS. A24A AND A24D.
- APPLY THERMOPLASTIC 6"x6" DOUBLE SOLID YELLOW STRIPE MEDIAN ISLAND PER CALTRANS STANDARD PLANS, PLAN NO. A20C, DETAIL 22.
- APPLY THERMOPLASTIC PAVEMENT LEISURE PER CALTRANS STANDARD PLANS, PLAN NO. A24D.
- APPLY THERMOPLASTIC 6" DASHED WHITE LANE DROP LINE AT INTERSECTIONS PER CALTRANS STANDARD PLANS, PLAN NO. A20C, DETAIL 37B.
- APPLY THERMOPLASTIC 6" SOLID WHITE LINE PER CALTRANS STANDARD PLANS, PLAN NO. A20C, DETAIL 27B.
- RELOCATE EXISTING SIGN TO THE NEW LOCATION AS SHOWN ON PLAN.
- PAINT CURB RED.
- INSTALL SIGN (STANDARD SIZE OR AS INDICATED) PER MORENO VALLEY STANDARD PLAN MVL-413-G.
- APPLY THERMOPLASTIC YELLOW CONTINENTAL CROSSWALK MARKINGS, 2"x12" WITH 2" GAP (4" ON CENTER SPACING), PER CITY OF MORENO VALLEY STANDARD PLAN NO. MVL-632-G.
- PAINT 4" DASHED WHITE LANE/LINE PER CALTRANS STANDARD PLANS, PLAN NO. A20A, DETAIL 12.



**NOTE:**  
 WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.  
 THE PRIVATE ENGINEER USING THESE PLANS IS RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND ACCEPTANCE BY THE CITY ENGINEER AND THE CITY OF MORENO VALLEY BEFORE COMMENCING CONSTRUCTION. THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR OBTAINING AN ACCEPTABLE SOLUTION AND REVISIONS FOR APPROVAL BY THE CITY.

CITY OF MORENO VALLEY  
 REVIEWED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CITY ENGINEER

CITY OF PERRIS  
 REVIEWED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CITY ENGINEER

SEAL - ENGINEER  
 ALBERT A. WEBB ASSOCIATES  
 ENGINEERING CONSULTANTS  
 3789 SACRAMENTO STREET  
 RIVERSIDE, CA 92506  
 PH: (951) 788-1070  
 FAX: (951) 788-1256

BENCHMARK: SEE TITLE SHEET  
 SCALE: H: 1"=40' V: N/A  
 FOR: MISSION PACIFIC LAND W.D. 17-0284  
 CITY FILE NO. PB-1297

SHEET NO. 3 OF 6 SHEETS  
 ADDENDUM NO. 2

ADDENDUM NO. 2

MATCHLINE STA. 3+44.11 SEE SHEET 2 MATCHLINE STA. 42+94.70 SEE BELOW LEFT MATCHLINE STA. 07+45.70 SEE ABOVE RIGHT MATCHLINE STA. 43+94.70 SEE BELOW RIGHT MATCHLINE STA. 47+32.90 SEE BELOW RIGHT