

**GENERAL NOTES**

1. ALL EXISTING UTILITIES AND STRUCTURES REPORTED BY OWNERS OR OTHERS, AND THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED ON THE PLANS WITH THEIR APPROXIMATE LOCATIONS AND EXTENTS. UNDERGROUND FACILITIES MAY EXIST WHICH HAVE NOT BEEN REPORTED ON RECORD. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THOSE FACILITIES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE FOLLOWING FACILITIES BEFORE STARTING WORK:

STREET LIGHTS, TRAFFIC SIGNALS (CITY OF CHULA VISTA)	619-397-6163
STORM DRAINS, SEWER (CITY OF CHULA VISTA)	619-397-6009
WATER (SWEETWATER AUTHORITY)	619-409-6751
TELEPHONE (AT&T)	619-266-4725
GAS & ELECTRIC (SDG&E)	858-654-8339
CABLE T.V. (COX COMMUNICATIONS - SAN DIEGO)	619-266-5220
(MEDIA3 COMMUNICATIONS)	619-426-3114
(CROWN CASTLE COMMUNICATIONS)	626-320-0996

**IMPORTANT NOTICE**

SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT TOLL FREE 8-1-1 TWO WORKING DAYS BEFORE YOU DIG.

2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INFORM THE OFFICE OF THE CITY ENGINEER TWO WORKING DAYS PRIOR TO STARTING WORK. THE CONTRACTOR SHALL GIVE 24 HOURS ADVANCE NOTICE ON ALL CALLS FOR INSPECTION. ANY WORK PERFORMED WITHOUT BENEFIT OF INSPECTION SHALL BE SUBJECT TO REJECTION AND REMOVAL AT THE CONTRACTOR'S EXPENSE. FOR INSPECTION CALL - - - - - 619-397-6128

3. CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS INCLUDES SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE CITY REPRESENTATIVES HARMLESS FROM ANY AND ALL LIABILITY, REAL AND/OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

4. THE PERPETUATION OF EXISTING HORIZONTAL AND VERTICAL CONTROL AND PROPERTY MONUMENTS WILL BE DONE BY THE CITY SURVEYING GROUP UNLESS THERE IS A BID ITEM IN THE CONTRACT PROPOSAL FOR THE CONTRACTOR TO DO IT. ANY PROPERTY MONUMENTS DESTROYED BY THE CONTRACTOR'S NEGLIGENCE MUST BE REPLACED AT HIS/HER OWN EXPENSE. CITY BENCH MARKS AND INTERSECTION TIES WILL BE REFERENCED AND REPLACED BY THE CITY SURVEYING GROUP.

5. CONSTRUCTION SURVEYING SHALL BE PROVIDED BY THE CITY. THE CONTRACTOR SHALL GIVE A MINIMUM OF 48 HOURS NOTICE FOR STAKING REQUESTS.

6. THE LOCATION AND ELEVATION OF EXISTING IMPROVEMENTS TO BE MET (OR AVOIDED) BY THE WORK TO BE DONE SHALL BE CONFIRMED BY THE CONTRACTOR'S FIELD MEASUREMENTS PRIOR TO THE CONSTRUCTION OF NEW WORK. THE CONTRACTOR SHALL REPORT TO THE OWNER ANY DISCREPANCIES BETWEEN HIS/HER MEASUREMENTS AND THESE PLANS.

7. CONTRACTOR SHALL PROTECT IN PLACE ALL THOSE IMPROVEMENTS NOT SHOWN TO BE REMOVED, RELOCATED, ADJUSTED OR REPLACED. VEGETATION SHALL BE PROTECTED IN PLACE TO THE EXTENT PRACTICABLE.

8. LOT LINES FROM RECORD MAPS WERE DRAWN APPROXIMATELY BASED ON DISTANCES AND ANGLES FROM RECORD MAPS. NO DEEDS/LEGAL DESCRIPTIONS WERE REVIEWED. ALSO, NO EFFORT HAS BEEN MADE TO RECONCILE FOUND MONUMENTS WITH LOT LINES OR ASSESSOR'S PARCEL LINES. MONUMENTS ARE NOT TO BE ASSUMED TO BE AT LOT CORNERS OR ASSESSOR'S PARCEL CORNERS.

9. CONTRACTOR SHALL NOTIFY THE OFFICE OF THE CITY ENGINEER AND THE TRAFFIC SIGNAL SHOP 48 HOURS (2 WORKING DAYS) PRIOR TO START OF WORK. CONTRACTOR SHALL GIVE ONE WORKING DAY NOTICE ON ALL CALLS FOR INSPECTION. ANY WORK PERFORMED WITHOUT THE BENEFIT OF INSPECTION SHALL BE SUBJECT TO REJECTION AND REMOVAL AT NO COST TO THE CITY.

CONSTRUCTION INSPECTION CALL	619-397-6128
TRAFFIC SIGNAL MAINTENANCE SHOP	619-397-6163

10. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL DEVICES DURING CONSTRUCTION. A TRAFFIC CONTROL PLAN, INCLUDING THE LAYOUT OF CONSTRUCTION, WARNING AND DETOUR SIGNS, WORKING HOURS, AND CONSTRUCTION SCHEDULE SHALL BE SUBMITTED TO THE TRAFFIC ENGINEERING SECTION FOR APPROVAL A MINIMUM OF FIVE DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. TRAFFIC CONTROL SHALL BE IMPLEMENTED BEFORE ANY WORK IS STARTED.

11. CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION OF ELECTRICAL AND/OR TELEPHONE SERVICE POINTS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR THE INSTALLATION OF ALL NECESSARY MATERIALS IN ACCORDANCE WITH SDG&E AND/OR AT&T REQUIREMENTS.

**PRE-CONSTRUCTION CONFERENCE**

THE CONTRACTOR SHALL NOT BEGIN ANY WORK ON THIS PROJECT UNTIL A PRE-CONSTRUCTION CONFERENCE IS HELD WITH THE ENGINEER OF WORK, AND THE CITY PUBLIC WORKS INSPECTOR.

**AS-BUILTS**

THE CONTRACTOR SHALL FURNISH TO THE ENGINEER OF WORK, AS-BUILT PLANS FOR ALL NEW IMPROVEMENTS SHOWN ON THESE PLANS FOR SUBMITTAL TO THE CITY ENGINEER FOR APPROVAL ACCORDING TO SECTION 15.04.140 OF THE CHULA VISTA MUNICIPAL CODE. A SET OF BLUELINE PRINTS AND A SET OF SPECIFICATIONS SHALL BE KEPT ON-SITE AT ALL TIMES ON WHICH ALL CHANGES OR VARIATIONS IN THE WORK, INCLUDING ALL UTILITIES FOUND, ARE TO BE RECORDED AND PLOTTED ACCURATELY BY THE CONTRACTOR.

**SPECIFICATIONS**

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE IN ACCORDANCE WITH THESE PLANS AND THE FOLLOWING:

- 2012 CITY OF CHULA VISTA SUBDIVISION MANUAL
- STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2012 EDITION ("GREENBOOK")
- 2012 REGIONAL SUPPLEMENT TO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("REGIONAL SUPPLEMENT")
- SAN DIEGO REGIONAL STANDARD DRAWINGS ("SDRSD"), DATED SEPTEMBER 2012
- CITY OF CHULA VISTA STANDARD SPECIAL PROVISIONS (CV SPECIAL PROVISIONS), DATED JANUARY 2015
- CITY OF CHULA VISTA DEPARTMENT OF PUBLIC WORKS DESIGN AND CONSTRUCTION STANDARDS ("CVDS") & ("CVCS"), 2002 EDITION
- CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS 2015 ("CALTRANS STANDARD PLANS")
- CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS 2010 ("CALTRANS STANDARD SPECIFICATIONS")
- 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES ("MUTCD")

**"ENGINEER OF WORK CERTIFICATE"**

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE IMPROVEMENTS SHOWN ON THIS SET OF PLANS (SHEET 17013-01 THRU 02) HAVE BEEN INSTALLED AND CONSTRUCTED IN SUBSTANTIAL CONFORMANCE WITH THE SAID PLANS, ALL APPROPRIATE STANDARDS AND ANY DISCRETIONARY APPROVAL(S) FOR THE PROJECT.

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

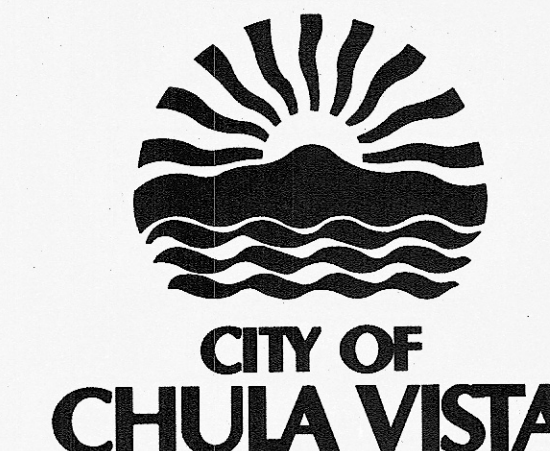
PRINTED NAME: \_\_\_\_\_ P.E. No. \_\_\_\_\_

DISCIPLINE: \_\_\_\_\_ MY REGISTRATION EXPIRES: \_\_\_\_\_

CONSTRUCTION RECORD	REFERENCES	By	REVISIONS	Date	App'd	DATUMS	SCALE	DESIGNED BY:	DRAWN BY:	CHECKED BY:	DATE:	APPROVED BY:	DATE:	CITY OF CHULA VISTA DEPARTMENT OF PUBLIC WORKS	DRAWING NO.
CONTRACTOR:	DWG. #					VERTICAL DATUM: N/A	HORIZONTAL	MARIO INGRASCI	ROSINA CONSTANZA	Patricia C. Moneda	3/22/17	Jose Luis Gomez	3/24/17	TRAFFIC SIGNAL MODIFICATIONS AND ADA CURB RAMPS	17013-01
INSPECTOR:	CG-207, CG-1333, 93-631,					HORIZONTAL DATUM: N/A	PER PLAN	Mario Ingrasci	Rosina Constanza	Patricia C. Moneda, PE - SENIOR CIVIL ENGINEER	3/22/17	Jose Luis Gomez, PE, PLS - PRINCIPAL CIVIL ENGINEER	3/24/17	THIRD AVENUE AND MAIN STREET	CIP # PC-2458
DATE COMPLETED:	01029-04,12,16,18,19,21						VERTICAL								
	RS-172365, RS-1554														

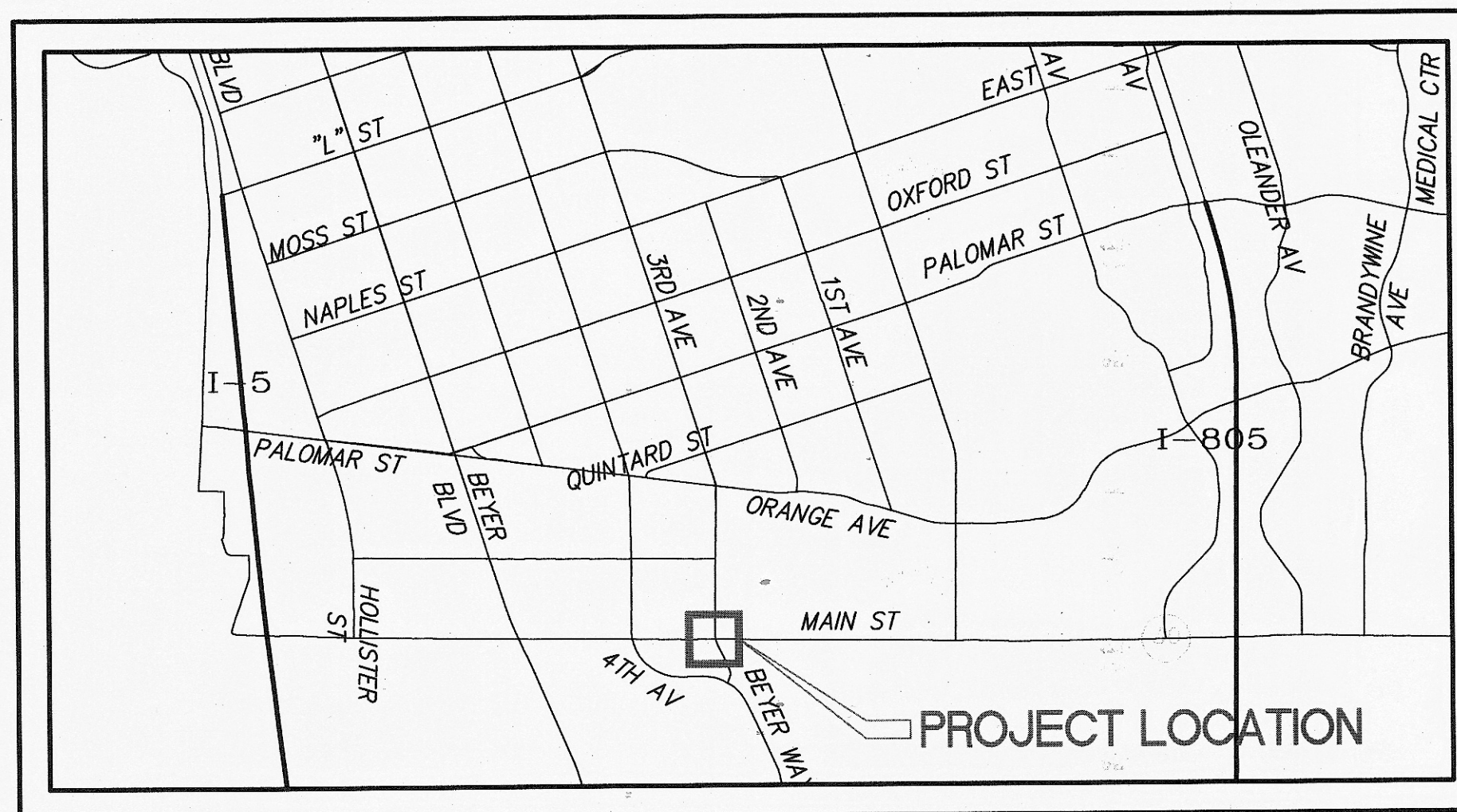
# TRAFFIC SIGNAL MODIFICATIONS AND ADA CURB RAMPS

AT THIRD AVENUE/MAIN STREET  
IN THE CITY OF CHULA VISTA, CALIFORNIA  
(PC-2458, STL-405)

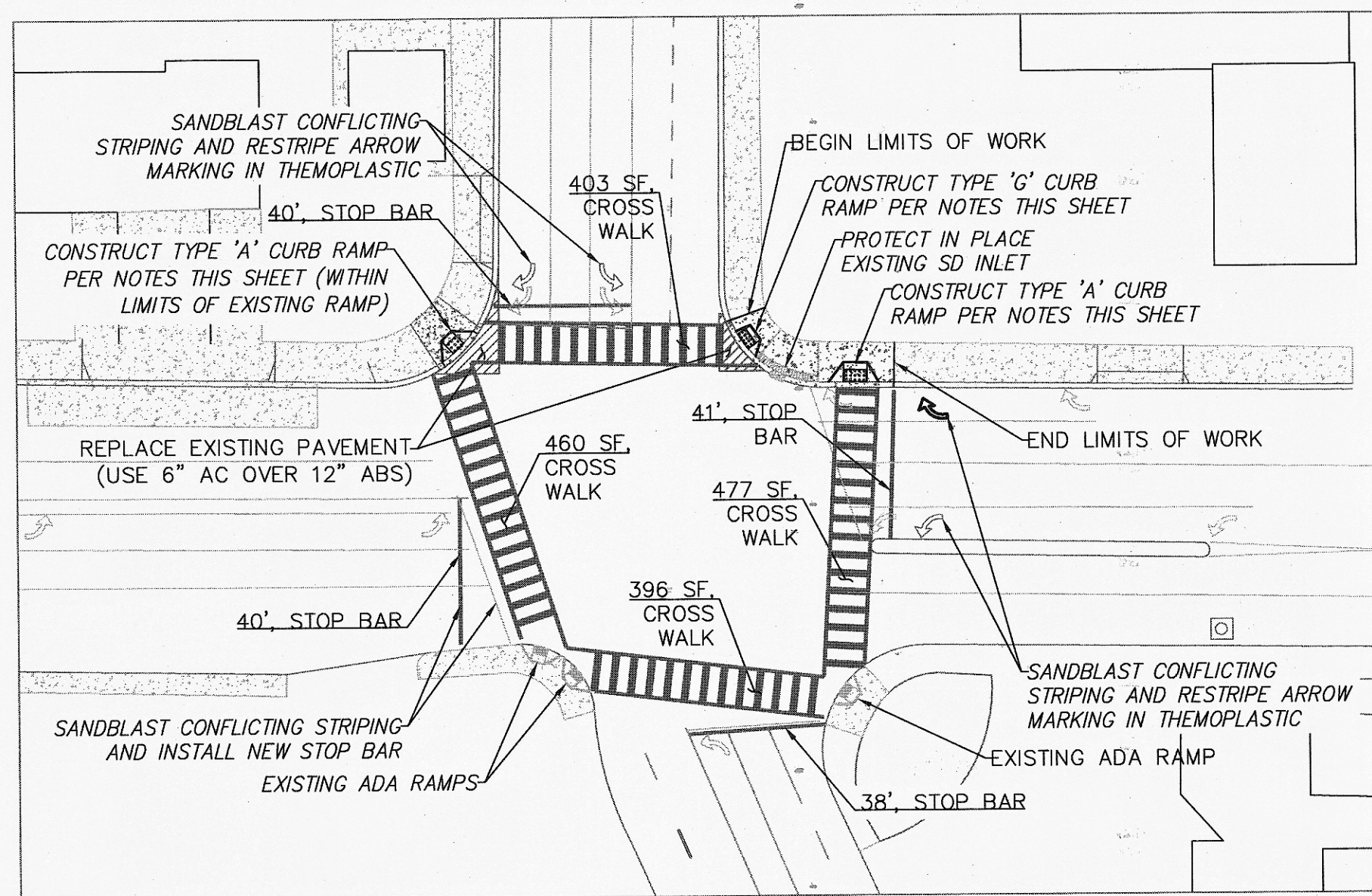


**STRIPING NOTES**

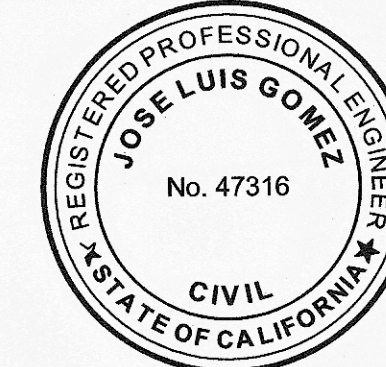
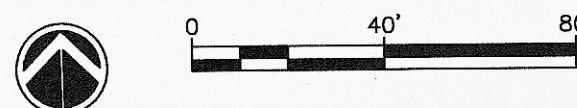
- ALL DETAILS AND DIMENSIONS FOR TRAFFIC STRIPES AND MARKINGS SHALL CONFORM TO THE CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) TRAFFIC MANUAL AND MAINTENANCE MANUAL, THE LATEST VERSION OF THE CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CAMUTCD), AND THE CALIFORNIA SUPPLEMENTS. PAVEMENT STRIPES SHALL CONFORM TO SECTION 310-5.6 OF THE STANDARD SPECIFICATIONS AND THESE SPECIAL PROVISIONS.
- TRAFFIC LINE PAINT SHALL BE RAPID DRY CONFORMING TO SECTION 210-1.6.3 AND SHALL CONTAIN REFLECTIVE MATERIAL CONFORMING TO SECTION 210-1.6.5 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL FURNISH THE NECESSARY CONTROL POINTS FOR ALL STRIPING AND MARKINGS, AND SHALL BE RESPONSIBLE FOR THE COMPLETENESS AND ACCURACY THEREOF TO THE SATISFACTION OF THE ENGINEER.
- NOTHING IN THESE SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS/HER RESPONSIBILITIES AS PROVIDED IN SECTION 7-1.09, "PUBLIC SAFETY," OF THE CALTRANS STANDARD SPECIFICATIONS. SECTION 7-10 OF THE STANDARD SPECIFICATIONS.
- PAINTING TRAFFIC STRIPES (TRAFFIC LINES) AND PAVEMENT MARKINGS SHALL CONFORM TO SECTION 84-1 "GENERAL" AND 84-3 "PAINTED TRAFFIC STRIPES & PAVEMENT MARKINGS" OF THE CALTRANS STANDARD SPECIFICATIONS.
- CONTROL OF ALIGNMENT AND LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUBJECT TO APPROVAL BY THE TRAFFIC ENGINEER.
- SECTION 84-3.02 "MATERIALS" OF THE STANDARD SPECIFICATIONS IS AMENDED TO READ: PAINT FOR TRAFFIC STRIPES AND PAVEMENT ARROWS SHALL CONFORM TO THE FOLLOWING STATE SPECIFICATIONS:  
PAINT STATE SPECIFICATION NO.  
RAPID DRY WATER-BORNE, 8410-42L-30  
WHITE AND YELLOW
- GLASS BEAD SHALL CONFORM TO STATE SPECIFICATIONS NO 8010-51J-22 (TYPE II).
- COPIES OF STATE SPECIFICATIONS FOR TRAFFIC PAINT AND GLASS BEADS MAY BE OBTAINED FROM THE TRANSPORTATION LABORATORY, 5900 FOLSOM BLVD., SACRAMENTO, CA, 95819-4612, TEL. 916-227-7000 OR AT [HTTP://WWW.DOT.CA.GOV/HQ/ESC/TTSB/CHEMICAL/SPEC/TWB-01\(DEC03\).PDF](http://www.dot.ca.gov/hq/esc/TTSB/CHEMICAL/SPEC/TWB-01(DEC03).PDF)
- THINNING OF PAINT WILL NOT BE ALLOWED.
- THE PAINT SHALL BE TESTED PRIOR TO USE, OR THE MANUFACTURER SHALL PROVIDE THE CITY ENGINEER WITH A CERTIFICATE OF COMPLIANCE IN ACCORDANCE WITH SECTION 6-1.07, "CERTIFICATE OF COMPLIANCE" OF THE STANDARD SPECIFICATIONS. SAID CERTIFICATE SHALL CERTIFY THAT THE PAINT COMPLIES WITH THE SPECIFICATIONS AND THAT PAINT MANUFACTURED TO THE SAME FORMULATION AND PROCESS HAS PREVIOUSLY PASSED STATE TESTING. A LIST OF MANUFACTURERS THAT HAVE PRODUCED PAINT MEETING STATE SPECIFICATION IS AVAILABLE FROM THE STATE'S TRANSPORTATION LABORATORY. (MATERIAL SUPPLIED BY MANUFACTURERS OTHER THAN THOSE THAT HAVE MANUFACTURED APPROVED PAINT WILL REQUIRE COMPLETE TESTING).
- THE SECOND PARAGRAPH IN SECTION 84-3.03 "MIXING" OF THE STANDARD SPECIFICATIONS IS DELETED.
- EXISTING TRAFFIC STRIPES AND MARKING THAT DO NOT CONFORM TO THE PLANS SHALL BE REMOVED BY SANDBLASTING. THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE LINEAL FOOTAGE OF STRIPING TO BE REMOVED.
- ALL NEW SANDBLASTING OF REDUNDANT STRIPING SHALL BE COMPLETED WITHIN 48 HOURS OF THE CHANGES.
- SPOTTING SHALL BE COMPLETED PRIOR TO THE REMOVAL OF ANY EXISTING STRIPES. EXISTING STRIPES AND MARKINGS SHALL BE REMOVED PRIOR TO PAINTING NEW ONES, BUT IN NO CASE SHALL ANY SECTION OF STREET BE LEFT WITHOUT PROPER STRIPING FOR MORE THAN 24 HOURS, OR OVER WEEKENDS OR HOLIDAYS.
- CROSSWALKS AND STOP BARS SHALL BE LADDER STYLE, THERMOPLASTIC LINES, PER THE "CROSSWALK/LIMIT LINE LAYOUT STANDARDS" DETAIL SHOWN ON THIS SHEET. THE INNER DIMENSION OF THE CROSSWALK SHALL BE 10 FEET, MINIMUM. STOP BARS SHALL BE SET BACK FROM THE CROSSWALK A MINIMUM OF 4 FEET MEASURED BETWEEN THE EDGES OF THE LINES.



VICINITY MAP  
NO SCALE

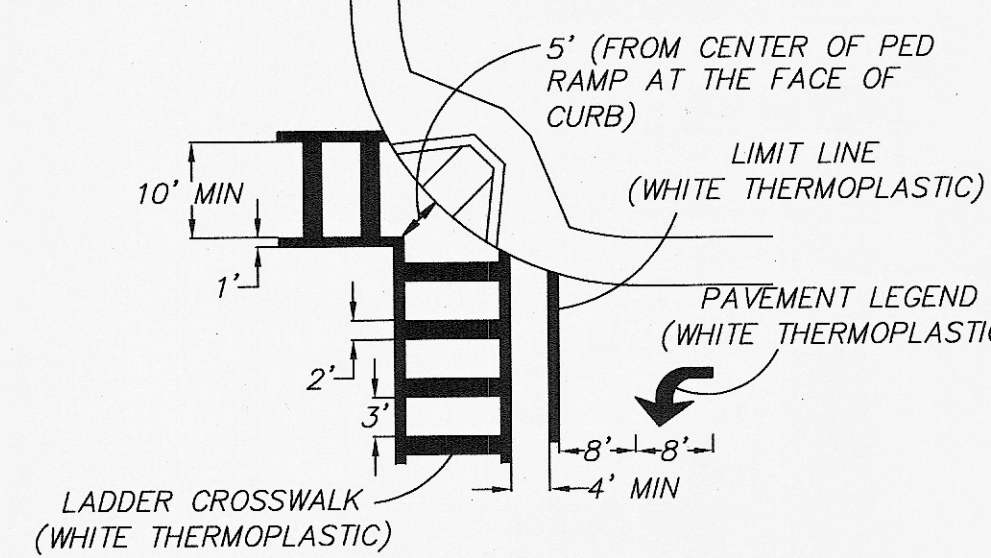


CURB RAMP IMPROVEMENTS AND STRIPING PLAN



**CURB RAMP NOTES**

- REPLACEMENT CURB RAMPS SHALL BE CONSTRUCTED WHERE SHOWN HEREON IN ACCORDANCE WITH CVCS 25 FOR TYPE 'A' RAMPS AND CVCS 28 FOR TYPE 'G' RAMPS WITH THE FOLLOWING MODIFICATIONS:
  - OMIT THE 12-INCH WIDE GROOVED BORDER IN ACCORDANCE WITH CURRENT ADA STANDARDS
  - CONSTRUCT RAMP WITH A MAXIMUM INCLINE SLOPE OF 8.00%.
  - TRUNCATED DOMES SHALL BE 4' LONG BY 3' WIDE.
- PAY LIMITS FOR CURB RAMPS SHALL BE PCR TO PCR UNLESS OTHERWISE STATED.
- WHERE APPLICABLE, CONTRACTOR SHALL MATCH EXISTING SPECIALTY PIGMENTED OR STAMPED CONCRETE TO THE SATISFACTION OF THE CITY ENGINEER OR DESIGNEE. PAY LIMITS FOR CURB RAMPS WITH SPECIALTY PIGMENTED OR STAMPED CONCRETE SHALL EXTEND BEYOND PCR AS SHOWN.



CROSSWALK/LIMIT LINE LAYOUT STANDARDS

EXHIBIT B-1

TOTAL SHEETS: 2

CITY OF CHULA VISTA DEPARTMENT OF PUBLIC WORKS														DRAWING NO.	
TRAFFIC SIGNAL MODIFICATIONS AND ADA CURB RAMPS														17013-01	
THIRD AVENUE AND MAIN STREET														CIP # PC-2458	