#### **ABBREVIATIONS**

STA EX PROP	STATION EXISTING PROPOSED	FG EQ INV	FINISH GRADE EQUAL INVERT
PL	PROPERTY LINE	CL	CENTER LINE
R/W	RIGHT-OF-WAY	W	WIDTH
ŃН	MANHOLE	R/C	RED CURB
CB	CATCH BASIN	L	LENGTH
4C	ASPHALT CONCRETE	ST	STREET
PCC	CONCRETE	BLVD	BOULEVARD
YWC	DRIVEWAY	O.C.	ON CENTER
-S	FINISH SURFACE	S/0	SOUTH OF
-L	FLOW LINE	N/O	NORTH OF
TC	TOP OF CURB	U.N.O.	UNLESS NOTED OTHERWISE
3CR	BEGIN OF CURVE	2	

#### UTILITY LEGEND

S	SEWER LINE
SD	STORM DRAIN LINE
W	WATER LINE
Ε	ELECTRICAL LINE
T	TELEPHONE LINE
G	GAS LINE
CTV	CABLE LINE
OHS	OVERHEAD SERVICE
JT	JOINT TRENCH

#### **CITY GENERAL NOTES**

END OF CURVE

- ALL MATERIAL AND WORK SHALL CONFORM TO THE LATEST EDITIONS THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CALIFORNIA MUTCD), STANDARD PLANS AND STANDARD SPECIFICATIONS OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION, FHWA STANDARD HIGHWAY SIGNS, CALIFORNIA SIGN SPECIFICATION, AND THE SPECIAL PROVISIONS.
- 2. ALL STRIPING AND PAVEMENT LEGENDS SHALL BE ALKYD-BASED THERMOPLASTIC WITH RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
- 3. ALL CONFLICTING LINES AND LEGENDS SHALL BE REMOVED BY WET BLASTING OR GRINDING REMOVAL OF RAISED PAVEMENT MARKERS SHALL NOT CAUSE STRUCTURAL DAMAGE TO THE PAVEMENT.
- 4. ALL SALVAGED SIGNS AND POSTS SHALL BE DELIVERED TO THE CITY MAINTENANCE YARD, 9505 JEFFERSON BLVD, CITY OF CULVER CITY, (310) 253-6441, UNLESS OTHERWISE INDICATED.
- 5. NEW SIGN POSTS SHALL BE "UNISTRUT" SQUARE GALVANIZED STEEL POSTS WITH A BREAKAWAY FEATURE, OR APPROVED EQUAL, PER LADOT STANDARD PLAN S-452.0.
- 6. ALL NEW SIGNS ARE TO HAVE RETRO-REFLECTORIZED SHEETING WITH TYPE III BACKGROUNDS, TYPE VIII WHITE TEXT, AND UV/ANTI-GRAFFITI FILM.
- 7. STRIPING SHALL BE MARKED OUT BY THE CONTRACTOR BY USE OF A THIN PAINTED LINE OVER A PULLED ROPE OR STRING. YELLOW MARKOUT IS TO BE USED FOR CENTERLINES AND YELLOW CROSSWALKS AND WHITE MARKOUT IS TO BE USED FOR ALL OTHER LINES. THE MARKOUT FOR DOUBLE YELLOW LINES AND BARRIER LINES IS TO BE A SOLID THIN LINE. AT INTERSECTIONS WITH CURVES OR WITH WIDTH CHANGES THE MARKOUT SHOULD BE PULLED ACROSS THE INTERSECTION TO ENSURE NO OFFSETS IN THE STRIPING. LAY OUT ALL STRIPING IN THE FIELD WITH THE CITY TRAFFIC ENGINEER PRIOR TO INSTALLATION. CONTACT THOMAS CHECK AT (310) 253-5627/THOMAS.CHECK@CULVERCITY.GOV A MINIMUM OF THREE (3) WORKING DAYS IN ADVANCE TO SCHEDULE FIELD LAY OUT.
- 8. TABS (TEMPORARY ADHESIVE DELINEATORS) SHALL BE INSTALLED IMMEDIATELY FOLLOWING STRIPING REMOVAL ALONG THE GHOST LINES OF THE REMOVED STRIPING. TABS ALSO SHALL BE INSTALLED IMMEDIATELY FOLLOWING RESURFACING BY ESTIMATING THE POSITIONING OF THE NEW STRIPING. IMMEDIATELY FOLLOWING THE INSTALLATION OF THE MARKOUT THE OLD TABS ARE TO BE REMOVED AND NEW TABS ARE TO BE INSTALLED ADJACENT TO THE MARKOUT, UNLESS THE OLD TABS ARE WITHIN ONE FOOT OF THE MARKOUT. ALL TABS SHOULD BE REMOVED AFTER THE FINAL STRIPING IS INSTALLED. TABS SHALL BE THE SAME COLOR AS THE FINAL STRIPING AND DUAL TABS SHALL BE USED FOR LINES WIDER THAN FOUR INCHES.



# OVERLAND AVENUE HIGH FRICTION SURFACE TREATMENT (HFST) IMPROVEMENTS PROJECT (PS027)

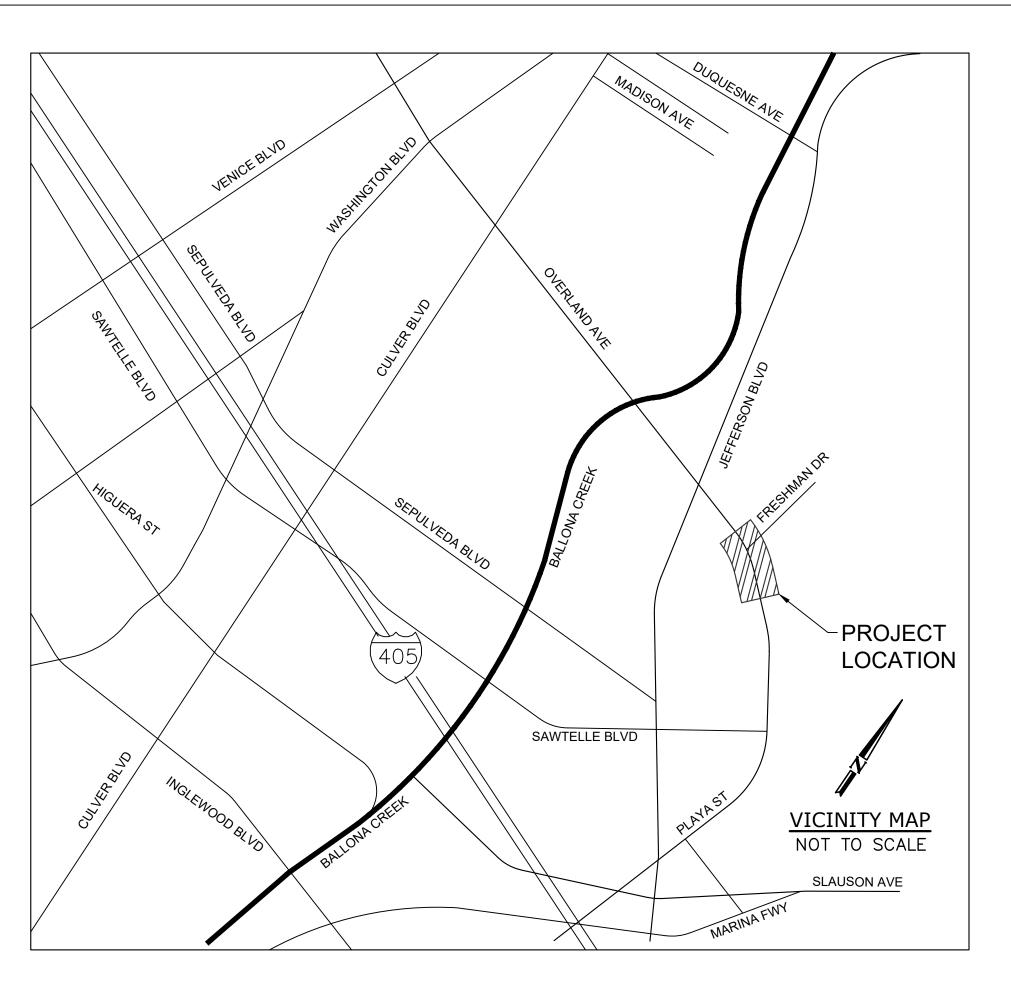
HSIP CYCLE 10
PROJECT NO: HSIPSL-5240(038)
UNIQUE PROJECT ID: H10-07-004
ADV. PROJECT ID: 0721000214

#### SHEET INDEX

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#### ENGINEER'S NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

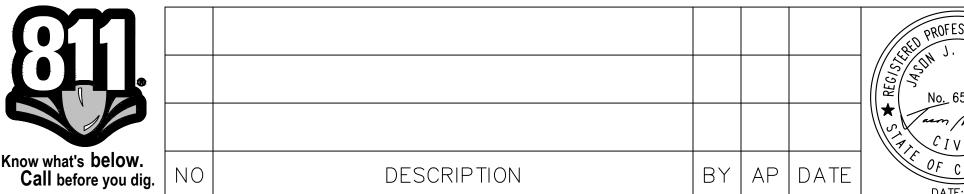
THE ESTIMATED QUANTITY FOR EACH SPECIFIC ITEM OF THE WORK DESIGNATED ON THE PLANS SHALL BE CONSIDERED AS APPROXIMATE ONLY AND NO GUARANTEE IS MADE THAT THE QUANTITIES WHICH CAN BE DETERMINED BY COMPUTATIONS, BASED ON THE DETAILS AND DIMENSIONS SHOWN ON THE PLANS, WILL EQUAL THE ESTIMATED QUANTITIES. THE ESTIMATE OF QUANTITIES IS PROVIDED BY THE ENGINEER ONLY FOR THE CONVENIENCE OF THE OWNER, THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION AND BE RESPONSIBLE FOR HIS OWN CONSTRUCTION QUANTITIES BEFORE SUBMITTING A BID. ANY ITEM OF WORK, OR PORTION THEREOF, REQUIRED BY THESE PLANS WHICH IS NOT SPECIFICALLY LISTED IN THE ESTIMATE OF QUANTITIES SHALL BE CONSIDERED AS INCLUDED IN THE OTHER ITEMS OF WORK.



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CITY OF CULVER CITY
PUBLIC WORKS DEPARTMENT
MOBILITY & TRAFFIC ENGINEERING DIVISION

OVERLAND AVENUE
HIGH FRICTION SURFACE TREATMENT IMPROVEMENTS
TITLE SHEET





SIGNED BY DATE	CHECKED BY	SHEET		)5
10/09/2025		1		
	THOMAS CHECK, PE, TE DATE			
	SENIOR TRAFFIC ENGINEER	OF		
AWN BY DATE	APPROVED BY			$\geq$
/KW 10/9/2025	Under Myst 10/20/25	7	ER ER	
	ANDREW MAXIMOUS, PE, TE DATE	CUEETC	PROJECT	PLAN NUMBER
	MOBILITY & TRAFFIC ENGINEERING MANAGER	SHEETS		ΔZ

#### **DESIGN ENGINEER NOTES:**

- 1. THE TERM "DESIGN ENGINEER" USED HEREIN SHALL MEAN THE ENGINEER WHO HAS SIGNED AND SEALED THEIR RESPECTIVE PLAN SHEETS AND IS IN RESPONSIBLE CHARGE OF THE ENGINEERING DESIGN ON THOSE SHEETS. THE TERM "CONTRACTOR" USED HEREIN SHALL MEAN ANY GENERAL CONTRACTOR OR SUBCONTRACTOR USING THESE PLANS.
- 2. THE DESIGN ENGINEER SHALL NOT PROVIDE, OBSERVE, COMMENT ON NOR ENFORCE ANY SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, IMPLEMENT, AND MAINTAIN ALL SAFETY MEASURES AND SHALL BE SOLELY RESPONSIBLE FOR ALL REQUIRED SAFETY MEASURES, PROCEDURES AND PROGRAMS AND COMPLYING WITH ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS, AND REGULATIONS. THE CONTRACTOR AGREES THAT SHE/HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS AND SAFETY OF ALL PERSONS AND PROPERTY DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- 3. THE DESIGN ENGINEER SHALL HAVE NO RESPONSIBILITY FOR ANY OF THE CONTRACTOR'S MEANS AND METHODS OF CONSTRUCTION, TECHNIQUES, EQUIPMENT CHOICE AND USAGE, SEQUENCE, SCHEDULE, SAFETY PROGRAMS, OR SAFETY PRACTICES, NOR SHALL THE DESIGN ENGINEER HAVE ANY AUTHORITY OR RESPONSIBILITY TO DIRECT OR STOP THE WORK OF ANY CONTRACTOR.
- 4. ANY CHANGES MADE BY THE CONTRACTOR TO THE CONTRACTUALLY AGREED UPON SCOPE, SCHEDULE AND/OR FEE, WITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF THE CITY, IS THE SOLE RESPONSIBILITY AND LIABILITY OF THE CONTRACTOR. THE DESIGN ENGINEER IS NOT RESPONSIBLE FOR DIRECTING, IMPLICITLY OR EXPLICITLY ANY SUCH CHANGES AND THE CONTRACTOR ASSUMES ALL RISK OF UNDERTAKING ANY SUCH CHANGES.
- 5. THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE DESIGN ENGINEER AND CITY, THEIR OFFICERS, AGENTS AND EMPLOYEES, HARMLESS FROM ANY AND ALL CLAIMS, DEMANDS, JUDGMENTS, LOSS, DAMAGES, COSTS, EXPENSES, FEES OR LIABILITY WHATSOEVER, REAL OR ALLEGED, IN CONNECTION WITH, IN WHOLE OR IN PART, DIRECTLY OR INDIRECTLY, THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE OR CONCURRENT NEGLIGENCE OF THE CITY OR THE DESIGN ENGINEER.
- 6. IF THERE ARE ANY QUESTIONS REGARDING THESE PLANS, THE CONTRACTOR SHALL ISSUE A RFI IN WRITING FROM THE DESIGN ENGINEER AND THE CITY, REQUESTING A CLARIFICATION BEFORE PERFORMING ANY RELATED OR IMPACTED WORK. ANY ELECTRONIC FILES ARE PROVIDED ONLY FOR THE CONVENIENCE OF THE RECEIVING PARTY AND ARE INTENDED SOLELY FOR THE EXCLUSIVE USE BY THAT PARTY FOR THE PURPOSES EXPRESSLY AUTHORIZED. IN ACCORDANCE WITH STANDARD INDUSTRY PRACTICE, ONLY PRINTED COPIES OF DOCUMENTS DESIGNATED AS "ISSUED FOR CONSTRUCTION", OR EQUIVALENT DESIGNATION, MAY BE RELIED UPON.
- 7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PREPARING ITS BID, IN WHOLE AND IN PART, BASED UPON THE DESIGN SHOWN ON THESE PLANS. THE CONTRACTOR IS NOT AUTHORIZED TO USE ANY QUANTITIES SHOWN ON THESE PLANS WITHOUT THE EXPLICIT WRITTEN PERMISSION OF THE ENGINEER OF RECORD. THE DESIGN ENGINEER MAKES NO WARRANTY OR REPRESENTATION AS TO THE SUITABILITY OF ANY INFORMATION SHOWN HEREON FOR DETERMINING A CONTRACTOR BID.
- 8. ANYTHING MENTIONED IN THE SPECIFICATIONS, IF ANY, AND NOT SHOWN ON THE DRAWINGS, OR SHOWN ON THE DRAWINGS AND NOT MENTIONED IN THE SPECIFICATIONS, SHALL BE OF LIKE EFFECT AS IF SHOWN OR MENTIONED IN BOTH.
- 9. THE EXISTENCE, LOCATION, TYPE, CONDITION AND SIZE OF UNDERGROUND UTILITIES, FACILITIES OR STRUCTURES ('FACILITIES") SHOWN ON THESE PLANS WAS OBTAINED FROM A SEARCH OF READILY AVAILABLE RECORDS, OR AS PROVIDED BY OTHERS. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID INFORMATION. THE CONTRACTOR SHALL CONFIRM SAID INFORMATION BY FIELD MEASUREMENTS, OBSERVATIONS AND WHATEVER MEANS NECESSARY, PRIOR TO CONSTRUCTION. THE CONTRACTOR WILL IMMEDIATELY INFORM THE DESIGN ENGINEER IN WRITING IF ANY DISCREPANCIES OR CONFLICTING INFORMATION IS FOUND. THE CONTRACTOR SHALL PROTECT THE FACILITIES SHOWN HEREON AND ANY OTHERS NOT OF RECORD OR NOT SHOWN ON THESE PLANS, AS NEEDED. ALL DAMAGES THERETO CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE APPROPRIATE SPECIFICATIONS AND STANDARDS AT THE SOLE EXPENSE OF THE CONTRACTOR.
- 10. THE CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES AS NEEDED, SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY DUE TO THE ACTUAL LOCATION, SIZE, TYPE, OR CONDITION OF EXISTING FACILITIES DIFFERING FROM WHAT IS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE FULLY AND SOLELY RESPONSIBLE FOR ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ALL SUCH FACILITIES WHETHER NOTED ON THESE PLANS OR NOT. THE DESIGN ENGINEER ASSUMES NO LIABILITY

#### **NOTES**

- 1. CONTRACTOR SHALL REMOVE AND DISCARD ALL UNUSED STAINLESS STEEL BANDS/SIGN BRACKETS ON STREETLIGHTS AND TRAFFIC SIGNAL POLES/MAST ARMS.
- 2. CONTRACTOR SHALL LAY OUT ALL STRIPING IN THE FIELD WITH THE CITY TRAFFIC ENGINEER PRIOR TO INSTALLATION. CONTACT THOMAS CHECK AT (310) 253-5637 A MINIMUM OF (3) DAYS IN ADVANCE TO COORDINATE PLACEMENT.

- FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ANY DAMAGE TO THE EXISTING IMPROVEMENTS AND REPLACEMENT TO THE SATISFACTION OF THE CITY AND/OR AUTHORITY HAVING JURISDICTION AS NEEDED.
- 11. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO STARTING WORK ADJACENT TO, ABOVE OR BELOW THEIR FACILITIES AND SHALL COORDINATE ALL WORK WITH UTILITY COMPANY REPRESENTATIVES.
- 12. THE CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED GRADING ELEMENTS BEFORE THE START OF CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES.
- 13. THE CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO PROTECT THE PROJECT PROPERTY FROM ANY EROSION AND SILTATION THAT RESULT FROM CONTRACTOR OPERATIONS, BY APPROPRIATE MEANS, OR BY SPECIFIC MEANS DESCRIBED IN THE PROJECT'S PLANS, SPECIFICATIONS OR STORM WATER POLLUTION PREVENTION REPORT, UNTIL SUCH TIME THAT THE PROJECT IS COMPLETED AND ACCEPTED FOR MAINTENANCE BY WHOMEVER IS TO BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND THE AGENCY HAVING JURISDICTION. THE DESIGN ENGINEER SHALL HAVE NO RESPONSIBILITY TO DIRECT THE CONTRACTOR REGARDING THE MEANS AND METHODS OF STORMWATER POLLUTION PREVENTION, SEQUENCE, OR SCHEDULE.
- 14. ALL SHOP DRAWINGS, RFIS AND ANY OTHER DOCUMENTS THAT REQUIRE DESIGN ENGINEER REVIEW SHALL BE SUBMITTED BY THE CONTRACTOR SUFFICIENTLY IN ADVANCE OF CONSTRUCTION OF THAT ITEM, TO ALLOW ADEQUATE REVIEW, COORDINATION AND RESPONSE. SAID DOCUMENTS ARE NOT A DIRECTION FROM THE DESIGN ENGINEER TO MODIFY THE CONTRACTORS SCOPE, SCHEDULE OR PRICE, AND THE CONTRACTOR WARRANTS NOT TO USE THEM AS SUCH.
- 15. THE CONTRACTOR SHALL ENSURE APPROPRIATE LICENSED PROFESSIONALS HAVE BEEN RETAINED BY THE CONTRACTOR TO PROVIDE ANY/ALL REQUIRED PROJECT CERTIFICATIONS AS MAY BE REQUIRED BY ANY AUTHORITY HAVING JURISDICTION. THE DESIGN ENGINEER WILL NOT PROVIDE ANY PROJECT CERTIFICATIONS UNLESS SPECIFICALLY RETAINED BY THE CITY TO PROVIDE LIMITED SERVICES.
- 16. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MONUMENTATION AND BENCHMARKS WHICH WILL BE DISTURBED OR DESTROYED BY CONSTRUCTION. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE MONUMENTATION BY A LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED BY THE LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER AS REQUIRED BY THE MOST CURRENT VERSION OF THE LAND SURVEYORS ACT.

#### SIGNING AND STRIPING GENERAL NOTES:

- 1. ALL MATERIAL AND WORK SHALL CONFORM TO THE LATEST EDITIONS THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CALIFORNIA MUTCD), STANDARD PLANS AND STANDARD SPECIFICATIONS OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION, FHWA STANDARD HIGHWAY SIGNS, CALIFORNIA SIGN SPECIFICATION, AND THE SPECIAL PROVISIONS.
- 2. ALL STRIPING AND PAVEMENT LEGENDS SHALL BE ALKYD—BASED THERMOPLASTIC WITH RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
- 3. ALL CONFLICTING LINES AND LEGENDS SHALL BE REMOVED BY WET BLASTING OR GRINDING. REMOVAL OF RAISED PAVEMENT MARKERS SHALL NOT CAUSE STRUCTURAL DAMAGE TO THE PAVEMENT.
- 4. ALL SALVAGED SIGNS AND POSTS SHALL BE DELIVERED TO THE CITY MAINTENANCE YARD, 9505 JEFFERSON BLVD, CITY OF CULVER CITY, (310) 253-6441, UNLESS OTHERWISE INDICATED.
- 5. NEW SIGN POSTS SHALL BE "UNISTRUT" SQUARE GALVANIZED STEEL POSTS WITH A BREAKAWAY FEATURE, OR APPROVED EQUAL, PER LADOT STANDARD PLAN S-452.0.
- 6. ALL NEW STREET NAME SIGNS SHALL BE DOUBLE-SIDED RETRO-REFLECTORIZED TYPE WITH A GREEN BACKGROUND AND WHITE LEGEND. POST MOUNTED STREET NAME SIGNS SHALL USE 6 INCH UPPER CASE AND 4 ½ INCH LOWER CASE SERIES C LETTERS WITH THE CITY SEAL AND LOGO, AS PER CITY STANDARD PLAN. ALL OVERHEAD STREET NAME SIGNS SHALL USE 12 INCH UPPER CASE AND 9 INCH LOWER CASE SERIES C LETTERS AND SHALL BE INTERNALLY-ILLUMINATED USING LEDS AS INDICATED ON THE PLANS. SEE THE SPECIFICATIONS UNDER TRAFFIC SIGNALS.
- 7. ALL NEW SIGNS ARE TO HAVE RETRO-REFLECTORIZED SHEETING WITH TYPE III BACKGROUNDS, TYPE VIII WHITE TEXT, AND UV/ANTI-GRAFFITI
- 8. ALL SIGNS ARE TO BE PER THE STATE OF CALIFORNIA SIGN SPECIFICATIONS AND SHALL BE MINIMUM 0.1 INCH THICK ALUMINUM SHEETING.
- 9. AII INSTALLATIONS AND REMOVALS OF SIGNS AND COLORED CURB ZONES ARE TO BE IMPLEMENTED BEFORE STRIPING MARKOUT.

- 10. STRIPING SHALL BE MARKED OUT BY THE CONTRACTOR BY USE OF A THIN PAINTED LINE OVER A PULLED ROPE OR STRING. YELLOW MARKOUT IS TO BE USED FOR CENTERLINES AND YELLOW CROSSWALKS AND WHITE MARKOUT IS TO BE USED FOR ALL OTHER LINES. THE MARKOUT FOR DOUBLE YELLOW LINES AND BARRIER LINES IS TO BE A SOLID THIN LINE. AT INTERSECTIONS WITH CURVES OR WITH WIDTH CHANGES THE MARKOUT SHOULD BE PULLED ACROSS THE INTERSECTION TO ENSURE NO OFFSETS IN THE STRIPING. THE MARKOUT IS TO BE APPROVED BY THE CITY TRAFFIC ENGINEER FOR ALIGNMENT PRIOR TO FINAL INSTALLATION. A MINIMUM OF ONE WEEK NOTICE IS REQUIRED BY THE CITY TRAFFIC ENGINEER FOR APPROVAL OF STRIPING.
- 11. TABS (TEMPORARY ADHESIVE DELINEATORS) SHALL BE INSTALLED IMMEDIATELY FOLLOWING STRIPING REMOVAL ALONG THE GHOST LINES OF THE REMOVED STRIPING. TABS ALSO SHALL BE INSTALLED IMMEDIATELY FOLLOWING RESURFACING BY ESTIMATING THE POSITIONING OF THE NEW STRIPING. IMMEDIATELY FOLLOWING THE INSTALLATION OF THE MARKOUT THE OLD TABS ARE TO BE REMOVED AND NEW TABS ARE TO BE INSTALLED ADJACENT TO THE MARKOUT, UNLESS THE OLD TABS ARE WITHIN ONE FOOT OF THE MARKOUT. ALL TABS SHOULD BE REMOVED AFTER THE FINAL STRIPING IS INSTALLED. TABS SHALL BE THE SAME COLOR AS THE FINAL STRIPING AND DUAL TABS SHALL BE USED FOR LINES WIDER THAN FOUR INCHES.
- 12. CONTRACTOR SHALL INSTALL CONTRAST AROUND ALL PAVEMENT MARKINGS INSTALLED ON CONCRETE AS DETAILED BELOW:
- LANE LINE, INCLUDING PREFERENTIAL LANE LINES, OR RIGHT EDGE LINE: PER STATE STANDARD PLAN A20E
   LEFT EDGE LINE: 2" WIDE LINE BORDERING THE RIGHT SIDE OF THE LINE
- LIMIT LINE: 2" WIDE LINE BORDER APPROACH (UPSTREAM) AND DEPARTURE (DOWNSTREAM) SIDE OF THE LINE
   SYMBOLIC, WORD, AND ALL OTHER PAVEMENT MARKINGS NOT SPECIFICALLY LISTED: 2" WIDE BORDER AROUND THE MARKING
- 13. THE FOLLOWING CALTRANS STRIPING DETAILS SHALL USE 4" WIDE STIRPING IN LIEU OF 6" WIDE STRIPING CALLED FOR IN THE CALTRANS STANDARD PLANS. DETAIL 1, 2, 5, 6, 8, 9, 9A, 11, 12, 12A, 15, 16, 18, 19, 21, 22, 24, 25A, 26, 27, 27B, 27C, 28, 29, 31, 32, 34, 34A, 35, 35A, 36, 36A, 36B, 40, 41.

#### TRAFFIC SIGNAL GENERAL NOTES:

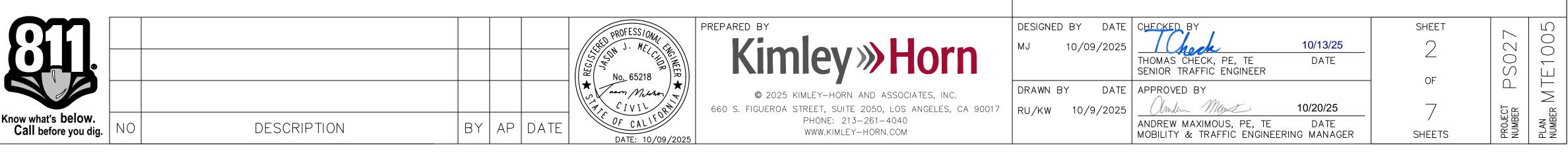
- 1. ALL MATERIAL AND WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CALIFORNIA MUTCD), STANDARD PLANS AND STANDARD SPECIFICATIONS OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION, FHWA STANDARD HIGHWAY SIGNS, CALIFORNIA SIGN SPECIFICATION, AND THE SPECIAL PROVISIONS. TRAFFIC SIGNAL POLES AND FOUNDATIONS SHALL CONFORM TO THE 2010 EDITION OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND STANDARD SPECIFICATIONS
- 2. ALL MATERIAL AND EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR NEW AND UNUSED, UNLESS OTHERWISE NOTED.
- 3. SIGNAL POLES, CONTROLLER CABINET, PULL BOXES, AND SERVICE CABINET SHALL BE CONSISTENT WITH THE DESIGN PLANS BUT MAY BE ADJUSTED BY THE CITY SIGNAL TECHNICIAN IN THE FIELD AS NECESSARY.
- 4. ALL WIRING SHALL BE MARKED (TAGGED) WITHIN THE CONTROLLER CABINET AND PULL BOXES FOR PHASE IDENTIFICATION.
- 5. UNLESS SHOWN OTHERWISE, DETECTOR LOOPS SHALL BE INSTALLED PER CULVER CITY STANDARDS. THE NEAR EDGE OF LIMIT LINE DETECTORS SHALL BE ONE FOOT UPSTREAM FROM THE EDGE OF THE LIMIT LINE. ADVANCE DETECTORS SHALL BE SEPARATELY WIRED TO EACH LANE AND CENTERED IN EACH LANE.
- 6. ALL LOOPS SHALL BE PROPERLY LABELED IN THE PULL BOXES.
- 7. ALL MULTI-CONDUCTOR CABLES SHALL BE LABELED PER PHASE IN EACH PULL BOX IF THE COLOR INDICATION CHANGES.
- 8. ALL SIGNAL EQUIPMENT SHALL BE WIRED IN ACCORDANCE WITH THE SIGNAL PHASE DIAGRAM.
- 9. NEW CONDUIT SHALL BE 4" PVC SCHEDULE 80, UNLESS OTHERWISE
- NOTED.

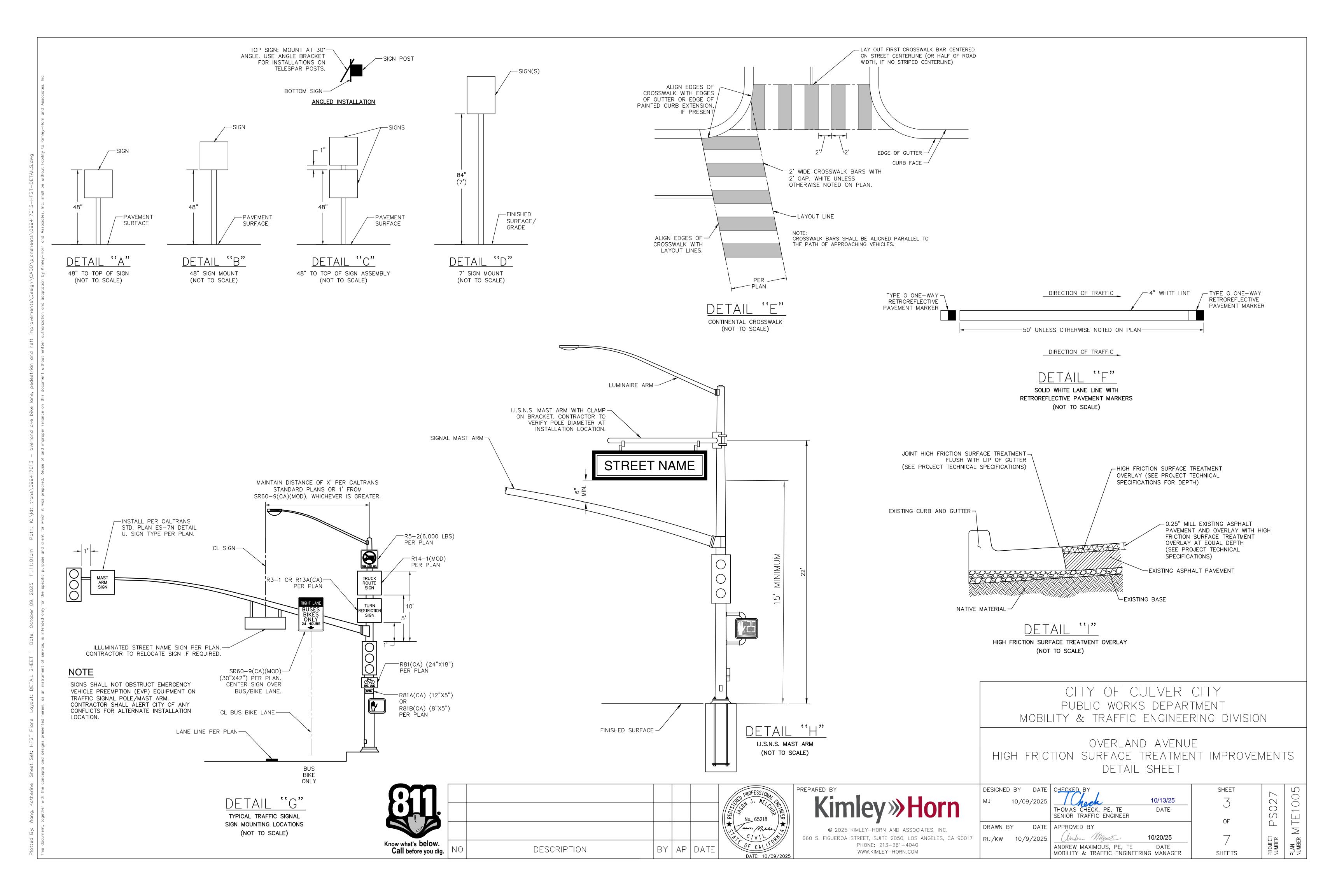
  10. NEW PULL BOXES SHALL BE NO. 6 UNLESS OTHERWISE NOTED.
- 11. NEW PEDESTRIAN PUSH BUTTONS SHALL BE ACCESSIBLE PEDESTRIAN SIGNALS PER LADOT STD. PLAN S-73.2.

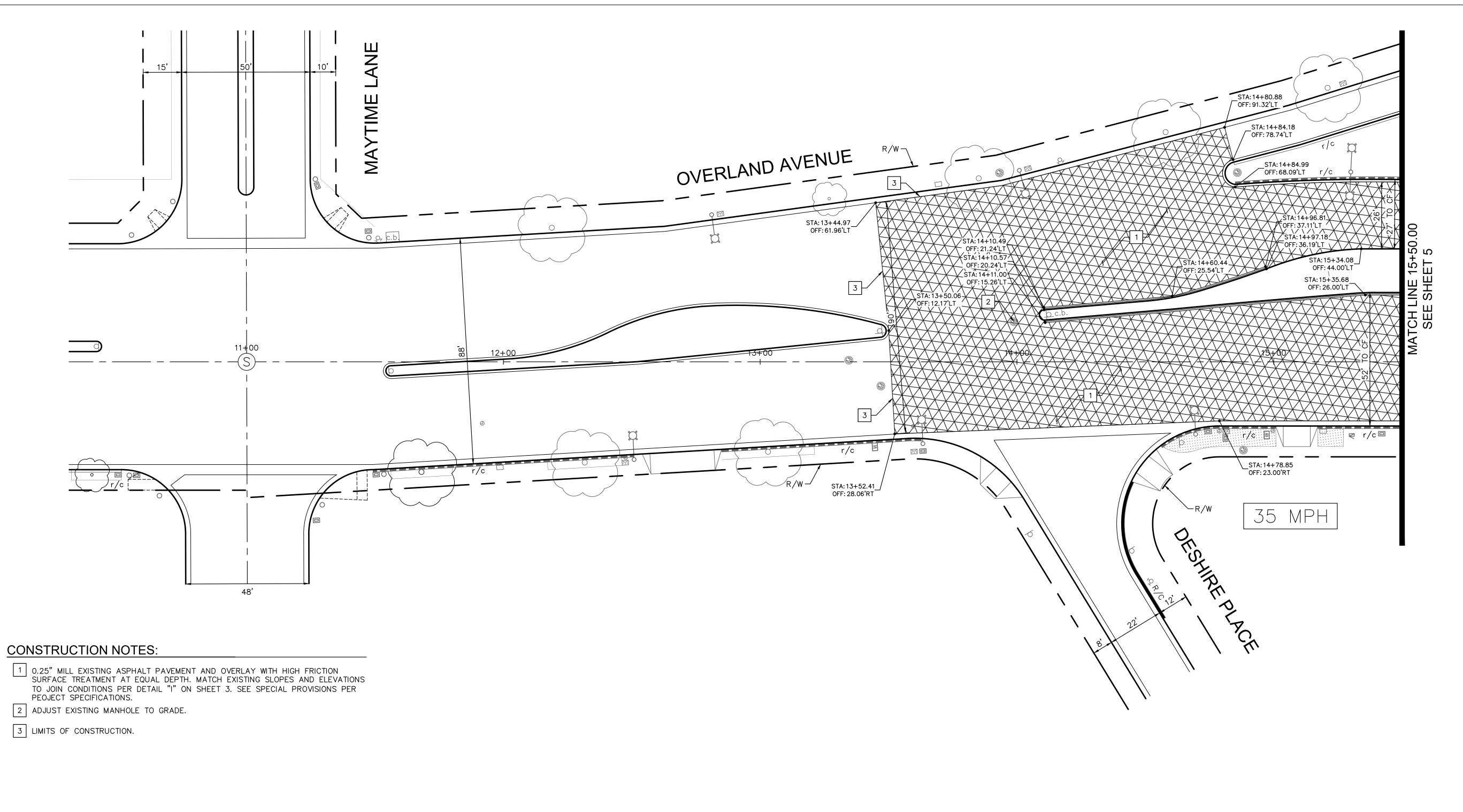
- 12. MAST-ARM MOUNTED STREET NAME SIGNS SHALL BE PROVIDED USING INTERNALLY-ILLUMINATED LED LIGHT SOURCES AS INDICATED ON THE PLANS. THE SIGN PANELS, SIGN FRAME AND MOUNTING HARDWARE SHALL BE TEMPLE EDGE-LIT RAZOR INTERNALLY-ILLUMINATED LED STREET NAME SIGNS, OR CITY APPROVED EQUIVALENT. THE SIGN PANELS SHALL BE DISPLAYED ON BOTH SIDES WITH GREEN BACKGROUND AND WHITE LETTERING. THE SIGN LAYOUT SHALL BE APPROVED BY THE CITY TRAFFIC ENGINEER.
- 13. PRIOR TO WORKING ON SERVICE OR LIGHTING CIRCUITS, CONTACT MAINTENANCE OPERATIONS AT (310) 253-6433, 48 HOURS IN ADVANCE, FOR DAILY SAFETY CIRCUIT CLEARANCE.
- 14. ALL SALVAGED TRAFFIC SIGNAL EQUIPMENT SHALL BE RETURNED TO CITY STORAGE YARD AT 9505 JEFFERSON BLVD. CONTACT FACILITIES MAINTENANCE SUPERVISOR AT (310) 253-6433.
- 15. STREET LIGHTS SHALL REMAIN OPERATIONAL AT ALL TIMES DURING CONSTRUCTION.
- 16. WHENEVER NEW CONDUCTORS ARE TO BE INSTALLED IN A CONDUIT WITH EXISTING INDIVIDUAL CONDUCTORS (EXCEPT SERVICE WIRES), ALL INDIVIDUAL CONDUCTORS AT THE INTERSECTION SHALL BE REMOVED AND REPLACED WITH MULTI-CONDUCTOR CABLE.
- 17. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THE LOCATION OF SUCH UNDERGROUND FACILITIES WHICH MAY BE SUBJECT TO DAMAGE BY THE CONTRACTOR'S OPERATIONS. THIS SHALL INCLUDE BUT NOT BE LIMITED TO POT HOLING TO EXPOSE ALL UTILITY CROSSINGS WITH PROPOSED CONDUIT RUNS, TRAFFIC SIGNAL FOUNDATIONS, ETC.
- 18. A SIGNAL TIMING CHART SHALL BE PREPARED FOR ANY TRAFFIC SIGNAL MODIFICATIONS. PRIOR TO SUBMITTAL TO THE CITY OF THE SIGNAL TIMING CHART, THE CONTRACTOR SHALL MEET WITH THE CITY TRAFFIC ENGINEER TO DISCUSS TIMING PARAMETERS. THE SIGNAL TIMING CHART SHALL BE PREPARED BY THE CONTRACTOR WITHIN 30 DAYS OF CITY ACCEPTANCE OF THE ASSOCIATED TRAFFIC SIGNAL PLAN. UPON DEVELOPING THE INITIAL TIMING CHART THE CONTRACTOR SHALL TEST THE TIMING IN ORDER TO ENSURE THAT IT IS COMPATIBLE WITH PROGRAM SOFTWARE AND THAT IT FUNCTIONS AS DESIRED. THE CONTRACTOR SHALL PRESENT THE TIMING CHART AND SIMULATION RESULTS TO THE CITY TRAFFIC ENGINEER AND TRAFFIC SIGNAL TECHNICIAN. THE TIMING CHART MAY NOT BE IMPLEMENTED UNTIL APPROVED BY THE CITY TRAFFIC ENGINEER. WHENEVER THERE IS A CHANGE IN SIGNAL PHASING THE CONTRACTOR SHALL BE PRESENT WITH THE SIGNAL TECHNICIAN TO IMPLEMENT THE NEW TIMING IN THE FIELD AND TO TROUBLE SHOOT ANY PROBLEMS THAT MAY ARISE,
- 19. ALL NEW TERMINAL COMPARTMENTS SHALL BE BRONZE.
- 20. CONTRACTOR SHALL REMOVE ALL UNUSED CONDUCTORS, DLC'S, AND OTHER CABLES FROM CONDUITS, PULLBOXES, AND SIGNAL POLES/MAST ARMS. ALL OTHER EXISTING CONDUCTORS/CABLES SHALL BE PROTECTED AND MAINTAINED IN EXISTING CONDUIT.
- 21. CONDUCTOR SCHEDULE IS FURNISHED AS AN INSTALLATION GUIDELINE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION.

CITY OF CULVER CITY
PUBLIC WORKS DEPARTMENT
MOBILITY & TRAFFIC ENGINEERING DIVISION

OVERLAND AVENUE
HIGH FRICTION SURFACE TREATMENT IMPROVEMENTS
GENERAL NOTES







GRAPHIC SCALE IN FEET
0 10 20 40

1"=20' WHEN PLOTTED
FULL SIZE AT 24"X36"

LEGEND

0.25" MILL EXISTING ASPHALT PAVEMENT AND OVERLAY WITH HIGH FRICTION SURFACE TREATMENT OVERLAY AT EQUAL DEPTH (SEE PROJECT TECHNICAL SPECIFICATIONS)

35 MPH SPEED LIMIT

- GUTTER

Know what's below.
Call before you dig.

NO

DESCRIPTION

BY AP DATE

PROFESS/ONNI

No. 65218

No. 65218

AP DATE

PATE: 10 (90/2005)

## CITY OF CULVER CITY PUBLIC WORKS DEPARTMENT MOBILITY & TRAFFIC ENGINEERING DIVISION

OVERLAND AVENUE
HIGH FRICTION SURFACE TREATMENT IMPROVEMENTS
INSTALLATION SHEET 1

DESIGNED BY DATE	CHECKED BY	SHEET	7	5
MJ 10/09/2025	10/13/25	4	27	00
	THOMAS CHECK, PE, TE DATE SENIOR TRAFFIC ENGINEER	OF	0S	-E1(
DRAWN BY DATE	APPROVED BY	Or Or		
RU/KW 10/9/2025	Umden Mynt 10/20/25	7	ECT ER	ER \
	ANDREW MAXIMOUS, PE, TE DATE MOBILITY & TRAFFIC ENGINEERING MANAGER	SHEETS	PROJECT NUMBER	PLAN NUMBER

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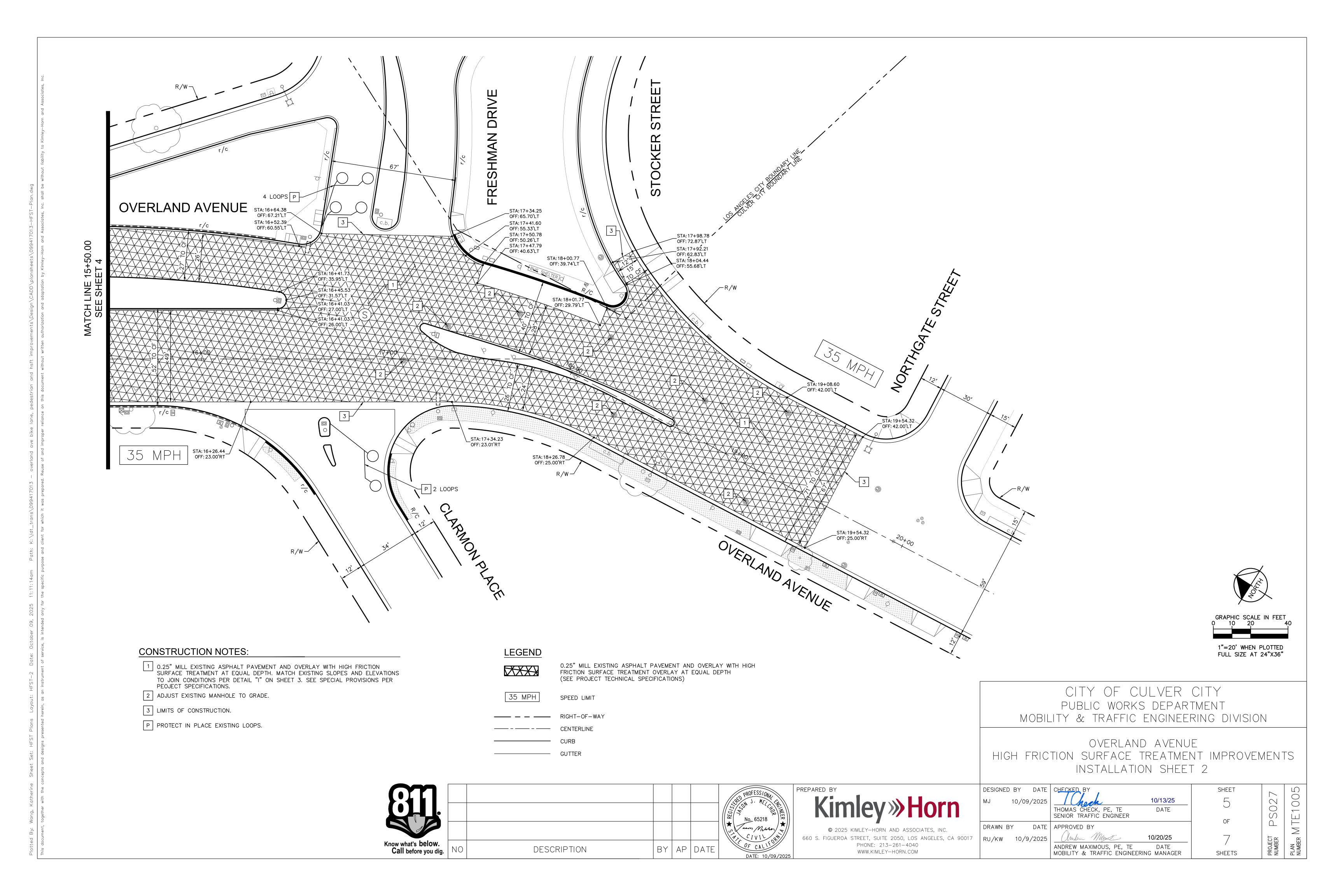
PHONE: 213-261-4040

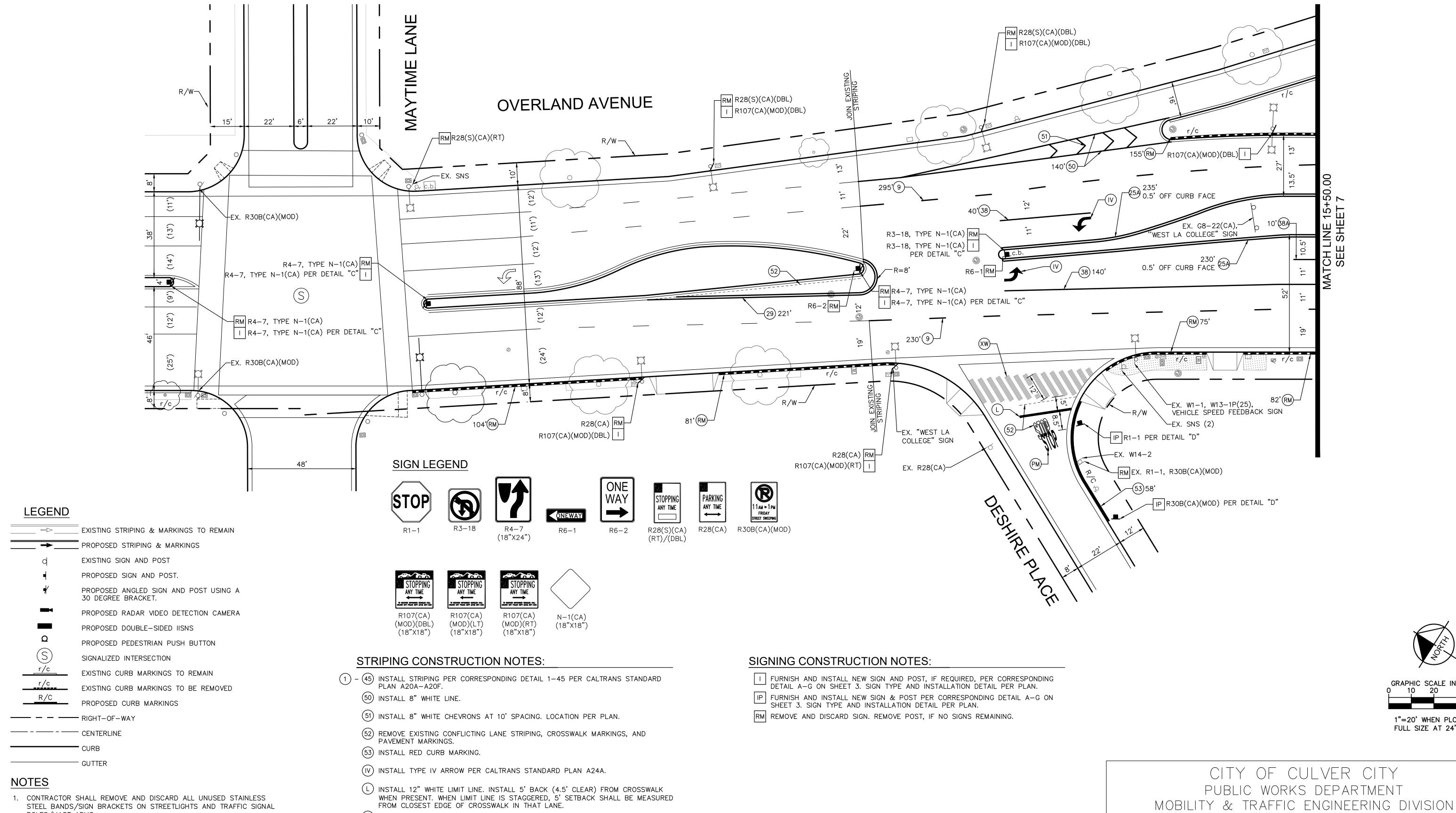
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660 S. FIGUEROA STREET, SUITE 2050, LOS ANGELES, CA 90017 RU/KW

(322 1 110020

-OF-WAY RLINE





### CITY OF CULVER CITY PUBLIC WORKS DEPARTMENT

GRAPHIC SCALE IN FEET

1"=20' WHEN PLOTTED FULL SIZE AT 24"X36"

OVERLAND AVENUE HIGH FRICTION SURFACE TREATMENT IMPROVEMENTS TRAFFIC IMPROVEMENTS SHEET 1

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						No. 65218
						* ann Muhan
Know what's below. Call before you dig.	NO	DESCRIPTION	BY	AP	DATE	DATE: 10/09/

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SIGNED BY DATE CHECKED BY SHEET	7
10/09/2025 10/13/25 6	
THOMAS CHECK, PE, TE DATE	7 -
SENIOR TRAFFIC ENGINEER  OF  OF	L
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MOBILITY & TRAFFIC ENGINEERING MANAGER SHEETS 任 日	Ы

- POLES/MAST ARMS.
- 2. CONTRACTOR SHALL LAY OUT ALL STRIPING IN THE FIELD WITH THE CITY TRAFFIC ENGINEER PRIOR TO INSTALLATION. CONTACT THOMAS CHECK AT (310) 253-5637 A MINIMUM OF (3) DAYS IN ADVANCE TO COORDINATE PLACEMENT.
- PM INSTALL PAVEMENT MARKING SYMBOL/NUMERAL PER CALTRANS STANDARD PLAN A24C-A24E.
- RM REMOVE EXISTING CURB MARKING BY WATER BLASTING OR CITY-APPROVED EQUAL. LENGTH PER PLAN.
- (XW) INSTALL 2' WIDE WHITE CONTINENTAL CROSSWALK PER DETAIL "E" ON SHEET 3. SIZE PER PLAN. FIELD LOCATE EXACT PLACEMENT OF CROSSWALK WITH CITY TRAFFIC ENGINEER.

