

Plotted By: jacobson, Matthew Sheet: Set: CULVER CITY - DMS - Layout: Layout1 - April 02, 2024 - 11:00:23am - K:\VLD\TPTD\JTS\099417008 - culver city sawtelle blvd & i-405 sb matteson ave\Design\CADD\plan sheet\099417008-TITLE.dwg  
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### TRAFFIC SIGNAL GENERAL NOTES:

- 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.
- ALL MATERIAL AND EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR NEW AND UNUSED, UNLESS OTHERWISE NOTED.
- 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.
- ALL WIRING SHALL BE MARKED (TAGGED) WITHIN THE CONTROLLER CABINET AND PULL BOXES FOR PHASE IDENTIFICATION.
- ALL NEW TRAFFIC SIGNAL HEAD AND PEDESTRIAN HEAD HOUSINGS SHALL BE BLACK POLYCARBONATE WITH COLOR RETENTION. NEW TRAFFIC SIGNAL INDICATIONS SHALL BE 12" LED TYPE AND PEDESTRIAN INDICATIONS SHALL BE TWO-SECTIONS WITH LED LAMPS AND WITH COUNTDOWN NUMERALS, UNLESS OTHERWISE SPECIFIED.
- ALL LOOPS SHALL BE PROPERLY LABELED IN THE PULL BOXES.
- ALL MULTI-CONDUCTOR CABLES SHALL BE LABELED PER PHASE IN EACH PULL BOX IF THE COLOR INDICATION CHANGES.
- ALL SIGNAL EQUIPMENT SHALL BE WIRED IN ACCORDANCE WITH THE SIGNAL PHASE DIAGRAM.
- NEW CONDUIT SHALL BE 3" PVC SCHEDULE 80, UNLESS OTHERWISE NOTED.
- NEW PULL BOXES SHALL BE NO. 6 UNLESS OTHERWISE NOTED.
- NEW PEDESTRIAN PUSH BUTTONS SHALL BE ACCESSIBLE PEDESTRIAN SIGNALS PER CULVER CITY SPECIFICATIONS.
- EMERGENCY VEHICLE PREEMPTION DEVICE SHALL BE OPTICOM MODEL 721. INSTALL M138 DETECTOR CABLE TO OPTICOM DISCRIMINATOR INSIDE CONTROLLER CABINET. OPTICOM CABLE TO BE UNSPLICED FROM CABINET TO DETECTOR.
- NEW SIGNAL VISORS SHALL HAVE A TUNNEL CROSS SECTION. THEY SHALL BE REMOVABLE BLACK POLYCARBONATE UNITS WITH COLOR RETENTION. STANDARD VISORS SHALL HAVE A LENGTH OF 12". LONG VISORS, WHERE SPECIFIED, SHALL HAVE A LENGTH OF 27". BEVELED VISORS, WHERE SPECIFIED, SHALL HAVE A LENGTH ON THE SHORT SIDE OF 12" AND A LENGTH ON THE LONG SIDE OF 27".
- NEW LUMINAIRES SHALL BE LED, CUT-OFF TYPE AND SHALL HAVE BOTH INTEGRAL BALLASTS AND INTEGRAL PHOTO ELECTRIC CONTROLS.
- MAST-ARM MOUNTED STREET NAME SIGNS SHALL BE PROVIDED USING INTERNALLY-ILLUMINATED LED LIGHT SOURCES. 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 SIGNS SHALL INCLUDE 12" UPPER CASE AND 9" LOWER CASE SERIES C LETTERS WITH STREET TITLES OF "ST", "AV", "BL", "PL", ETC. THE SIGN HEIGHT SHALL BE 24" FOR A SINGLE LINE STREET NAME AND THE SIGN LENGTH SHALL BE AS LONG AS NECESSARY, BUT NOT TO EXCEED 120". THE SPACING BETWEEN LETTERS SHALL BE ONE STROKE WIDTH. THE SPACING BETWEEN WORDS SHALL BE 7" AND THE SPACING AT THE LEFT AND RIGHT EDGES OF THE SIGN SHALL BE NO LESS THAN 7". SIGNS SHALL INCLUDE AN INTERNAL PHOTOCELL.
- PRIOR TO WORKING ON SERVICE OR LIGHTING CIRCUITS, CONTACT MAINTENANCE OPERATIONS AT (310) 253-6433, 48 HOURS IN ADVANCE, FOR DAILY SAFETY CIRCUIT CLEARANCE.
- ALL SALVAGED TRAFFIC SIGNAL EQUIPMENT SHALL BE RETURNED TO CITY STORAGE YARD AT 9505 JEFFERSON BLVD. CONTACT FACILITIES MAINTENANCE SUPERVISOR AT (310) 253-6433.
- STREET LIGHTS SHALL REMAIN OPERATIONAL AT ALL TIMES DURING CONSTRUCTION.
- 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.
- 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.

### 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.

▲	CALTRANS STANDARD PLAN YEAR REVISION.	MJ	JM	04/02/2024
NO.	REVISION	BY	APPR.	DATE



# SAWTELLE BLVD AT MATTESON AVE/I-405 SB RAMPS TRAFFIC SIGNAL AND SIGNING AND STRIPING PROJECT, PL-010

### SHEET INDEX

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### UTILITY COMPANY CONTACTS

COMPANY	CONTACT	PHONE NO.
Underground Utility	Jason Sum	(800) 227-2600
Southern California Gas Company-Distribution	Jennifer Deschepper	(310) 687-2011
Golden State Water Company	Mudila Kangulungu	(562) 907-9200
Southern California Edison	Danny Peterson	(310) 315-3220
Frontier Communications	Joseph Forkert	(310) 264-5125
AT&T	David Bergeron	(714) 963-7964
Shell Pipeline Company LP	Dave Zerler	(310) 816-2063
Chevron Pipeline Company	Ken Chung	(310) 669-4014
MWD-Pipeline Maintenance Group	Mark Dennings	(213) 217-7670
MPOWER Communications		(949) 864-0296

### ABBREVIATIONS

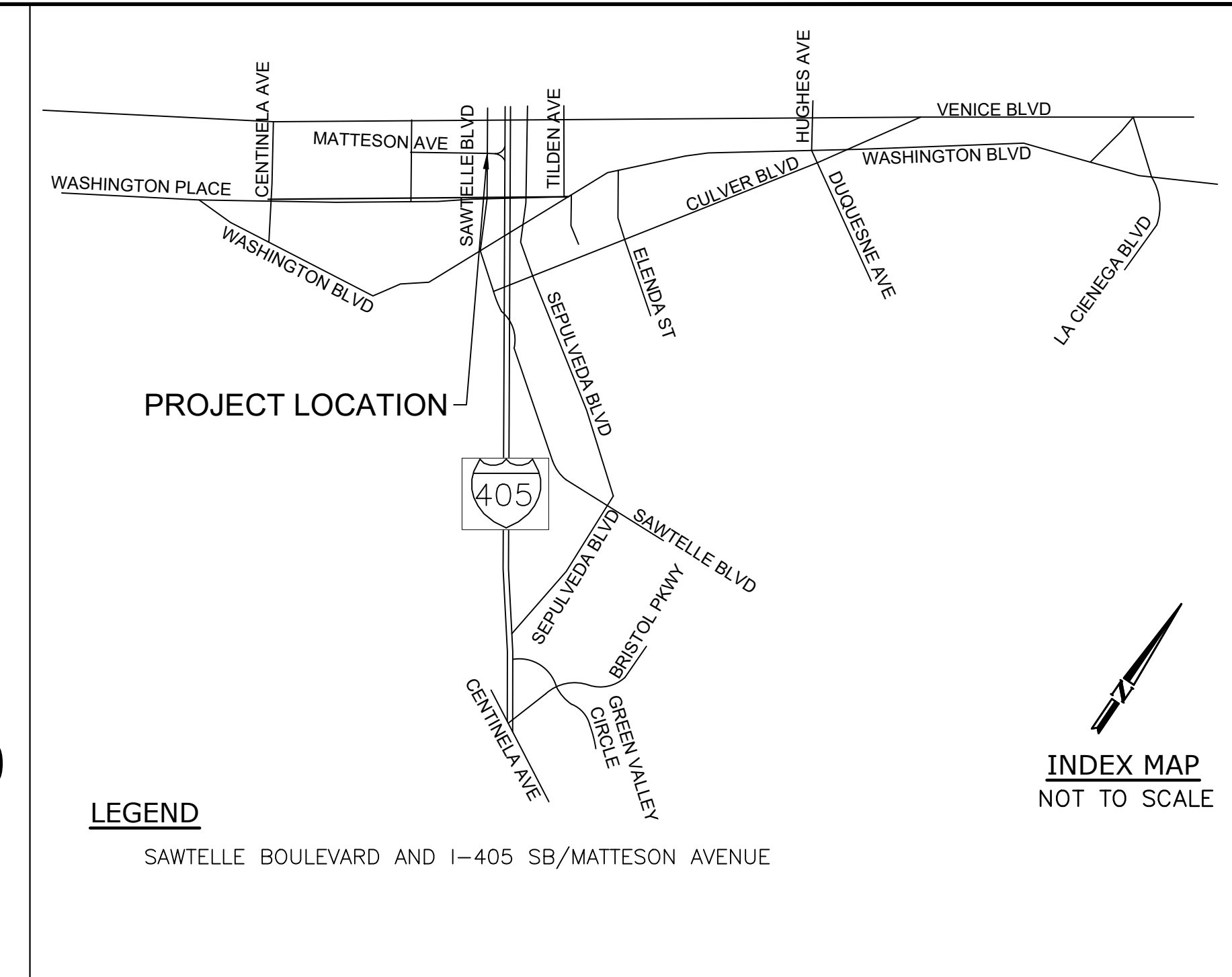
STA	STATION
EX.	EXISTING
PROP	PROPOSED
PL	PROPERTY LINE
R/W	RIGHT-OF-WAY
MH	MANHOLE
FH	FIRE HYDRANT
AC	ASPHALT/CONCRETE
CONC	CONCRETE
DWY	DRIVEWAY
FS	FINISH SURFACE
FL	FLOW LINE
TC	TOP OF CURB
BCR	BEGIN OF CURVE
ECR	END OF CURVE
FG	FINISH GRADE
GB	GRADE BREAK
INV	INVERT
CL	CENTER LINE
W	WIDTH
R.Cb	RED CURB
L	LENGTH
ST	STREET
BLVD	BOULEVARD
O.C.	ON CENTER
S/O	SOUTH OF
N/O	NORTH OF

### UTILITY LEGEND

S=	SEWER LINE
SD=	STORM DRAIN LINE
W=	WATER LINE
E=	ELECTRICAL LINE
T=	TELEPHONE LINE
G=	GAS LINE
OIL=	OIL LINE

### SYMBOLIC LEGEND

---	RIGHT-OF-WAY
---	CENTERLINE



### SIGNING AND STRIPING GENERAL NOTES:

- 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.
- ALL STRIPING AND PAVEMENT LEGENDS SHALL BE ALKYD-BASED THERMOPLASTIC WITH RAISED PAVEMENT MARKERS UNLESS OTHERWISE NOTED.
- 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.
- 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.
- NEW SIGN POSTS SHALL BE "UNISTRUT" SQUARE GALVANIZED STEEL POSTS WITH A BREAKAWAY FEATURE, OR APPROVED EQUAL, PER LADOT STANDARD PLAN S-452.0.
- 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 1/2 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 WITH NO CITY SEAL OR LOGO AND SHALL BE INTERNALLY-ILLUMINATED USING LEDS. SEE THE SPECIFICATIONS UNDER TRAFFIC SIGNALS.
- ALL NEW SIGNS ARE TO HAVE RETRO-REFLECTORIZED SHEETING WITH TYPE III BACKGROUNDS, TYPE VIII WHITE TEXT, AND UV/ANTI-GRAFFITI FILM.
- ALL SIGNS ARE TO BE PER THE STATE OF CALIFORNIA SIGN SPECIFICATIONS AND SHALL BE MINIMUM 0.1 INCH THICK ALUMINUM SHEETING.
- ALL INSTALLATIONS AND REMOVALS OF SIGNS AND COLORED CURB ZONES ARE TO BE IMPLEMENTED BEFORE STRIPING MARKOUT.
- 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.
- 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.

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

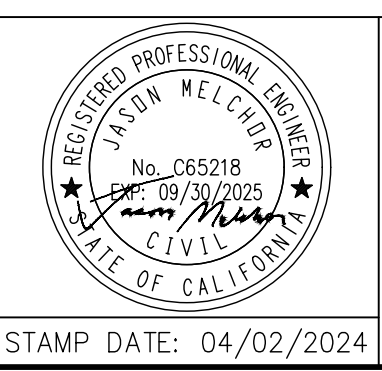
TITLE SHEET

SAWTELLE BOULEVARD AND I-405 SB/MATTESON AVENUE

DESIGNED BY	DATE	SCALE	CHECKED BY	DATE
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FIELD BOOK REFERENCE	DATE	VERT: AS SHOWN		
		APPROVED BY		DATE
		KHA PROJECT NUMBER		
		099865001		5/28/2024

Sheet 01 Of 04 Sheets

MOBILITY & TRAFFIC ENGINEER R.C.E. NO. 70805  
ANDREW MANIACOS, P.E., T.E.



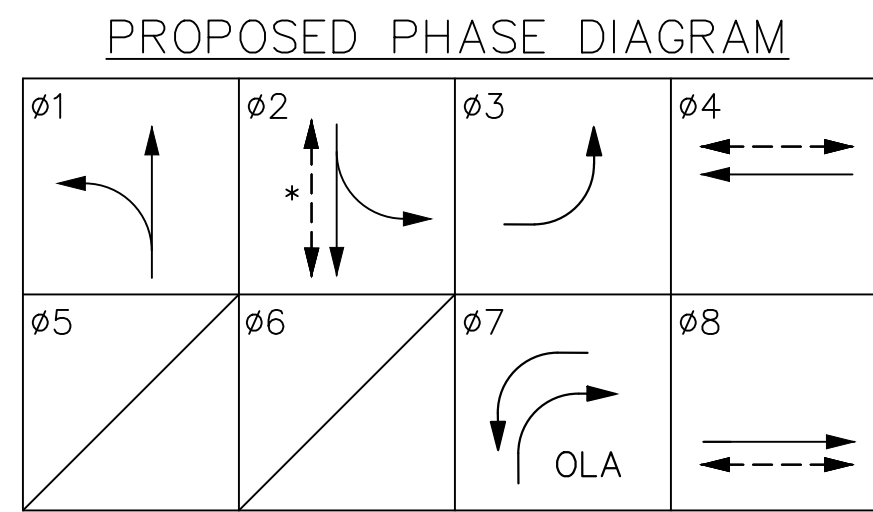
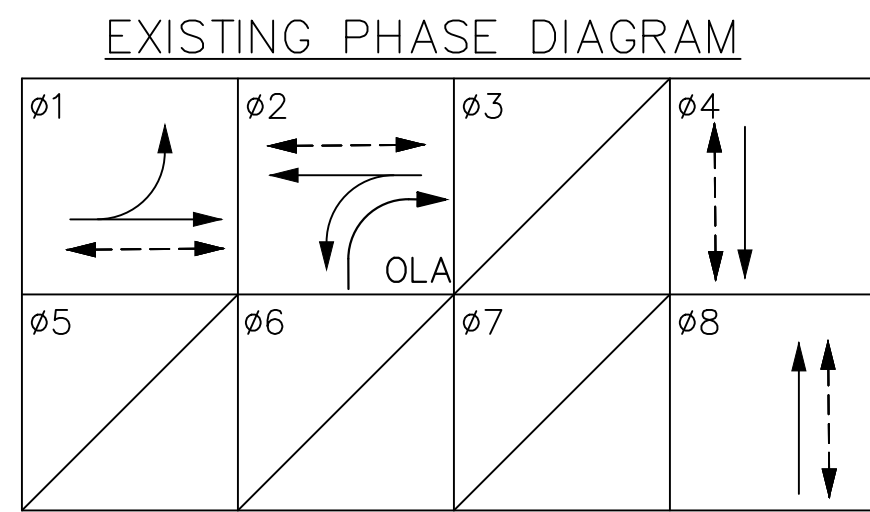
PLAN PREPARED BY:

## Kimley»Horn

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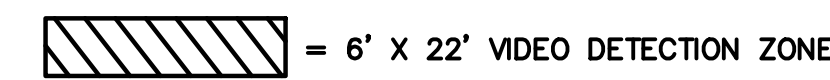
PLAN NO.

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OLA = ø7+OVA  
 \*LPI = LEADING PEDESTRIAN INTERVAL

**LEGEND:**

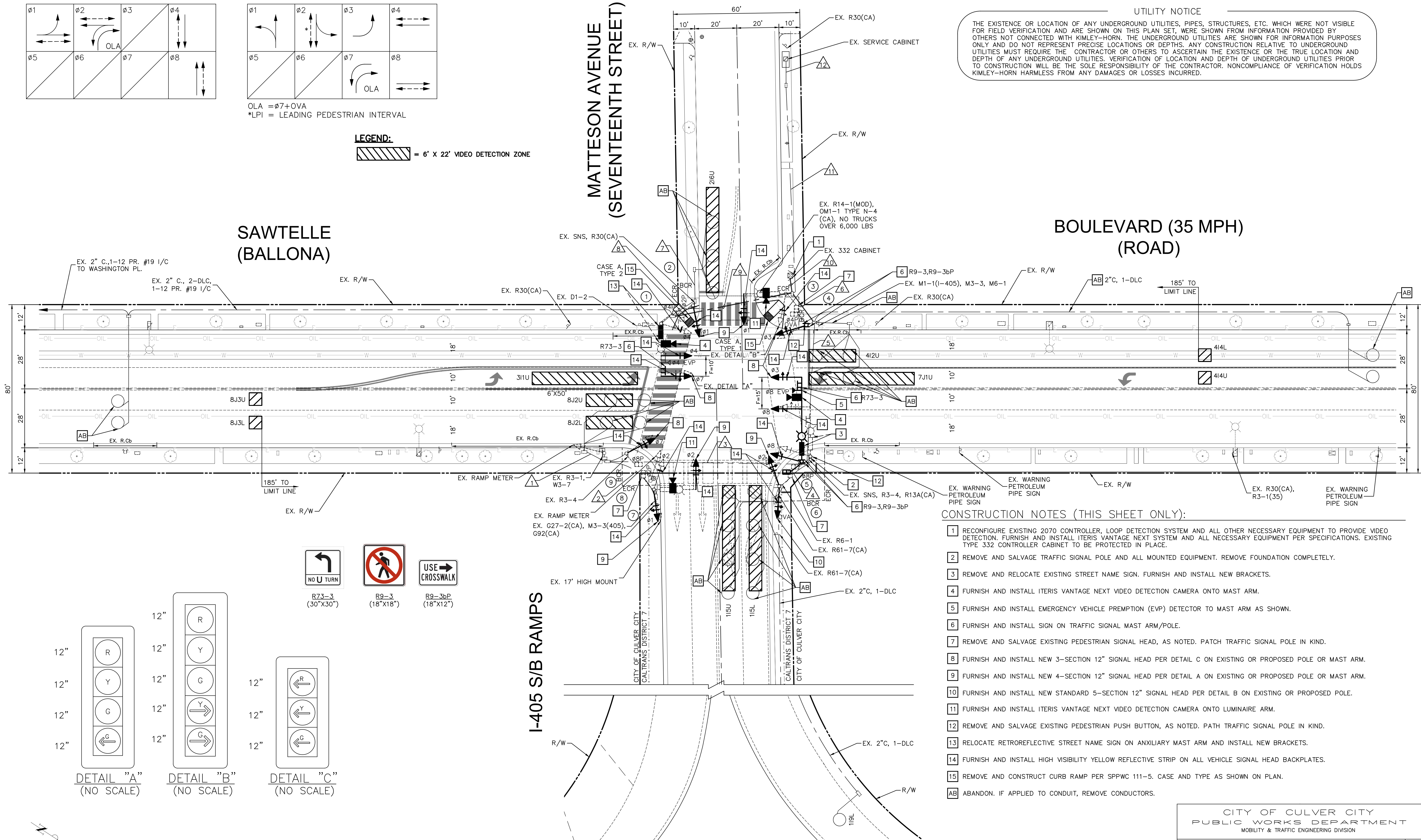


**UTILITY NOTICE**  
 THE EXISTENCE OR LOCATION OF ANY UNDERGROUND UTILITIES, PIPES, STRUCTURES, ETC. WHICH WERE NOT VISIBLE FOR FIELD VERIFICATION AND ARE SHOWN ON THIS PLAN SET, WERE SHOWN FROM INFORMATION PROVIDED BY OTHERS NOT CONNECTED WITH KIMLEY-HORN. THE UNDERGROUND UTILITIES ARE SHOWN FOR INFORMATION PURPOSES ONLY AND DO NOT REPRESENT PRECISE LOCATIONS OR DEPTHS. ANY CONSTRUCTION RELATIVE TO UNDERGROUND UTILITIES MUST REQUIRE THE CONTRACTOR OR OTHERS TO ASCERTAIN THE EXISTENCE OR THE TRUE LOCATION AND DEPTH OF ANY UNDERGROUND UTILITIES. VERIFICATION OF LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NONCOMPLIANCE OF VERIFICATION HOLDS KIMLEY-HORN HARMLESS FROM ANY DAMAGES OR LOSSES INCURRED.

**SAWTELLE (BALLONA)**

**MATTESSON AVENUE (SEVENTEENTH STREET)**

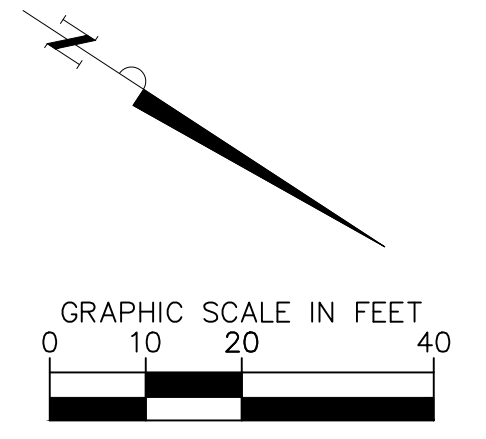
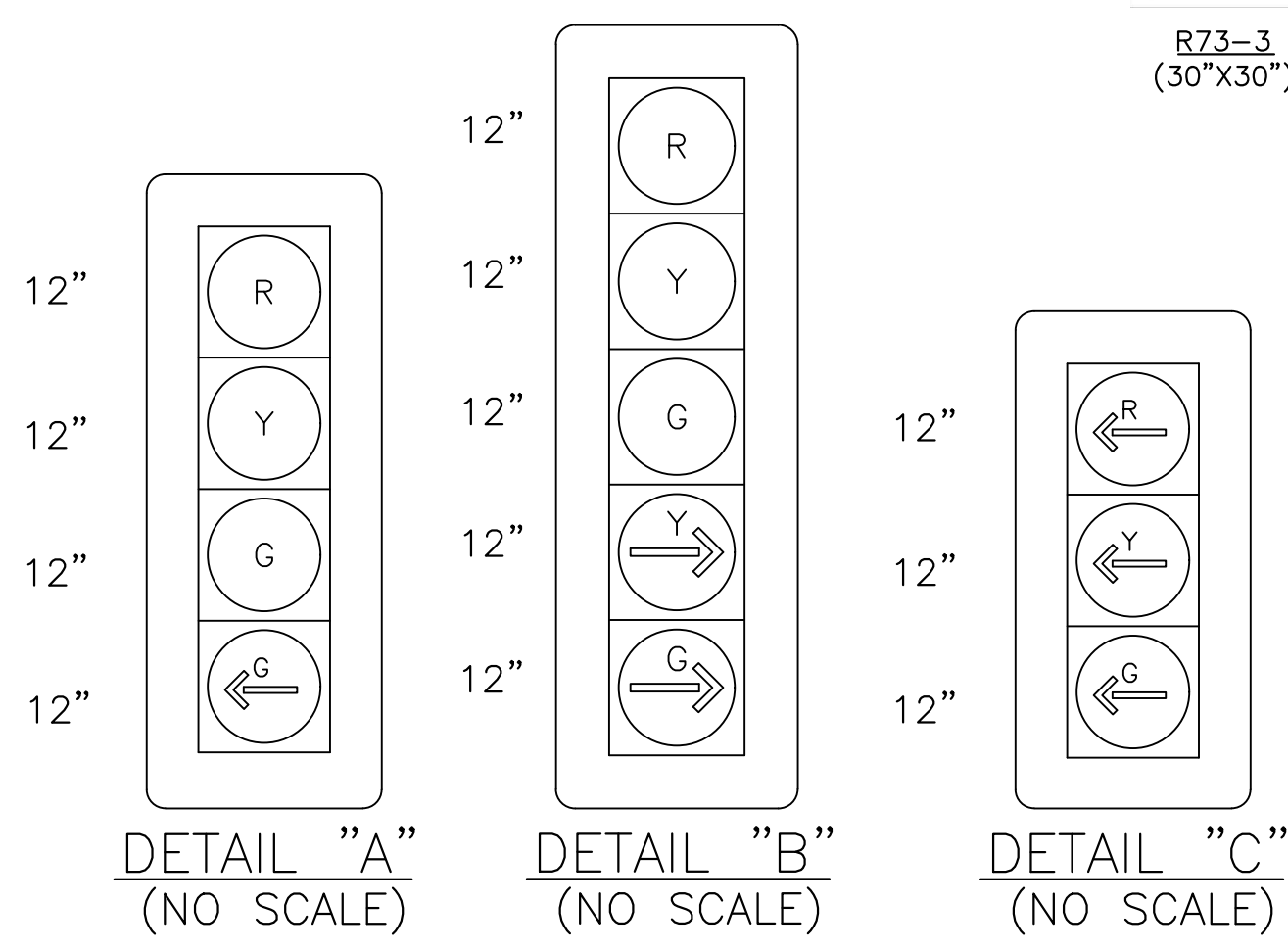
**BOULEVARD (35 MPH) (ROAD)**



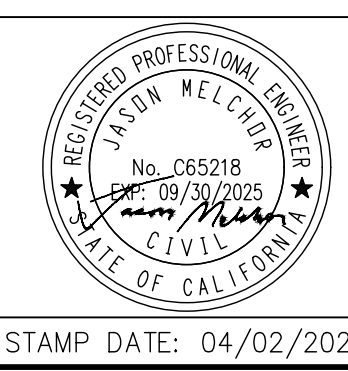
**CONSTRUCTION NOTES (THIS SHEET ONLY):**

- 1 RECONFIGURE EXISTING 2070 CONTROLLER, LOOP DETECTION SYSTEM AND ALL OTHER NECESSARY EQUIPMENT TO PROVIDE VIDEO DETECTION. FURNISH AND INSTALL ITERIS VANTAGE NEXT SYSTEM AND ALL NECESSARY EQUIPMENT PER SPECIFICATIONS. EXISTING TYPE 332 CONTROLLER CABINET TO BE PROTECTED IN PLACE.
- 2 REMOVE AND SALVAGE TRAFFIC SIGNAL POLE AND ALL MOUNTED EQUIPMENT. REMOVE FOUNDATION COMPLETELY.
- 3 REMOVE AND RELOCATE EXISTING STREET NAME SIGN. FURNISH AND INSTALL NEW BRACKETS.
- 4 FURNISH AND INSTALL ITERIS VANTAGE NEXT VIDEO DETECTION CAMERA ONTO MAST ARM.
- 5 FURNISH AND INSTALL EMERGENCY VEHICLE PREMPTION (EVP) DETECTOR TO MAST ARM AS SHOWN.
- 6 FURNISH AND INSTALL SIGN ON TRAFFIC SIGNAL MAST ARM/POLE.
- 7 REMOVE AND SALVAGE EXISTING PEDESTRIAN SIGNAL HEAD, AS NOTED. PATCH TRAFFIC SIGNAL POLE IN KIND.
- 8 FURNISH AND INSTALL NEW 3-SECTION 12" SIGNAL HEAD PER DETAIL C ON EXISTING OR PROPOSED POLE OR MAST ARM.
- 9 FURNISH AND INSTALL NEW 4-SECTION 12" SIGNAL HEAD PER DETAIL A ON EXISTING OR PROPOSED POLE OR MAST ARM.
- 10 FURNISH AND INSTALL NEW STANDARD 5-SECTION 12" SIGNAL HEAD PER DETAIL B ON EXISTING OR PROPOSED POLE.
- 11 FURNISH AND INSTALL ITERIS VANTAGE NEXT VIDEO DETECTION CAMERA ONTO LUMINAIRE ARM.
- 12 REMOVE AND SALVAGE EXISTING PEDESTRIAN PUSH BUTTON, AS NOTED. PATCH TRAFFIC SIGNAL POLE IN KIND.
- 13 RELOCATE RETROREFLECTIVE STREET NAME SIGN ON ANXILIARY MAST ARM AND INSTALL NEW BRACKETS.
- 14 FURNISH AND INSTALL HIGH VISIBILITY YELLOW REFLECTIVE STRIP ON ALL VEHICLE SIGNAL HEAD BACKPLATES.
- 15 REMOVE AND CONSTRUCT CURB RAMP PER SPPWC 111-5. CASE AND TYPE AS SHOWN ON PLAN.
- AB ABANDON. IF APPLIED TO CONDUIT, REMOVE CONDUCTORS.

**I-405 S/B RAMP**



NO.	REVISION	BY	APPR.	DATE
		MJ	JM	04/02/2024



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

**TRAFFIC SIGNAL PLAN**  
 SAWTELLE BOULEVARD AND I-405 SB/MATTESSON AVENUE

DESIGNED BY	DATE	SCALE	CHECKED BY	DATE
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FIELD BOOK REFERENCE		VERT: AS SHOWN		
		APPROVED BY		DATE
		Andrew M... 5/28/2024		

Sheet 02 Of 04 Sheets  
 MOBILITY & TRAFFIC ENGINEER R.C.E. NO. 70805  
 ANDREW MAMAKOUS, P.E.

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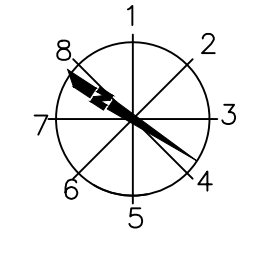
CONDUCTOR SCHEDULE													
AWG	CIRCUIT	1	2	3	4	5	6	7	8	9	10	11	12
#14	Ø1		4(N)	4(N)		4(N)			4(N)	4(N)	4(N)		
	Ø2		4(N)	4(N)	4(N)	8(N)							
	Ø3				3(N)	6(N)					6(N)		
	Ø4									3(N)	3(N)		
	Ø7			3(N)		3(N)	3(N)				3(N)	6(N)	
	Ø8					6(N)	6(N)					6(N)	
	OLA				2(N)	2(N)	2(N)					4(N)	
	Ø2P		2(N)	2(N)		2(N)	2(N)		2(N)	2(N)	4(N)		
	Ø4P						2(N)				2(N)	4(N)	
	Ø8P			2(N)		2(N)	2(N)					2(N)	
	Ø2PPB			1(N)		1(N)	1(N)				1(N)	1(N)	
	Ø4PPB								1(N)	1(N)	2(N)		
	Ø8PPB		1(N)	1(N)	1(N)	1(N)	1(N)					1(N)	
	PPB COMMON		1	1	1	1	1			1	1	2	
SPARES		3	3	3	3	3			3	3	6		
TOTAL		15	21	11	36	29			11	20	59		
#10	SIG. COMM.		1	1	1	1			1	1			
	LUMINAIRES		2	2		2	2			2		2	2
	TOTAL		3	3	1	3	3			1	3	2	2
#6	SERVICE										2	2	2
	DLC					3	3	3				3	
#19	Ø1 DET.								1	1	1		
	Ø2 DET.												
	Ø3 DET.												
	Ø4 DET.						2					2	
	Ø7 DET.							1				1	
	Ø8 DET.	2		2		2	2			2	4		
	ATSAC SYS.				1	1	1					1	
TOTAL	2		2	4	6	9	1	3	3	12			
VIDEO DETECTION (CAT6 CABLE)		1(N)	1(N)		2(N)	2(N)				1(N)	4(N)		
CONDUIT SIZE		2"	2"	2"	2"	2"	2-2"	2"	2"	1-3/4"	2-3"	2"	3"

ALL CONDUCTORS/CABLES ARE EXISTING EXCEPT WHERE SHOWN;(N)=NEW CABLES TO BE INSTALLED, EXISTING TO BE PROTECTED AND REUSED.

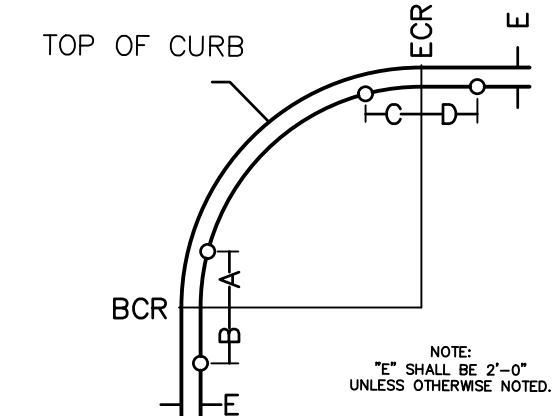
THE CONTRACTOR SHALL ADD/INSTALL NEW CONDUCTORS/CABLES AND REMOVE/REPLACE EXISTING CONDUCTORS/CABLES IN EXISTING CONDUIT AS DESIGNATED IN THE CONDUCTOR SCHEDULE. ALL OTHER EXISTING CONDUCTORS/CABLES SHALL BE PROTECTED AND MAINTAINED IN EXISTING CONDUIT.

POLE SCHEDULE																			
LOC.	TYPE	HEIGHT	STANDARD		LUMINAIRE LED	SIGNAL MOUNTING			APS PUSH BUTTON		POLE LOCATION					R.S.N.S.	REMARK		
			SIG.	M.A.		LUM.	M.A.	MA	VEH.	PED.	PHASE	ARROW	LOCATION	A	B			C	D
①	17-3-70	30'	20'	12'	250W(R)	1-MAS(N)	1-MAS(N)	SV-1-T	SP-1-T	2	←	3	EXISTING					Matteson Av →(R)	-
②	1-A	10'	-	-	-	-	-	TV-1-T(N)	SP-1-T	4	→	5	EXISTING					-	-
③	17-3-70	30'	20'	12'	200W	MAS(N)	-	SV-1-T	SP-1-T	4	←	5	EXISTING					Sawtelle Bl	-
④	1-A	10'	-	-	-	-	-	TV-1-T(N)	SP-1-T	-	-	-	EXISTING					-	-
⑤	26-4-100(N)	30'	40'(N)	12'	250W(R)	2-MAS(N)	-	SV-1-T(N)	SP-1-CS(N)	-	-	-	-	11'	-	7'	← Matteson Av (R)		-
⑥	1-A	10'	-	-	-	-	-	TV-2-T(N)	-	8	→	1	EXISTING					-	-
⑦	17-3-70	30'	20'	12'	200W	MAS(N)	-	SV-1-T(N)	SP-1-T	-	-	-	EXISTING					Sawtelle Bl	-
⑧	PPB POST	3'-4"	-	-	-	-	-	-	-	8	←	1	EXISTING					-	-
⑨	1-A	10'	-	-	-	-	-	TV-1-T(N)	SP-1-T	2	→	3	EXISTING					-	-

■ HPS EQUIVALENT WATTAGE SHOWN  
 ■ FURNISH AND INSTALL YELLOW REFLECTIVE BACKPLATE.  
 \*FURNISH AND INSTALL WITH PELCO BRACKET.  
 \*\*FURNISH AND INSTALL NEW BRACKETS ON AUXILIARY MAST ARM.  
 \*\*\*MOUNT SIGNAL HEAD AT 17' HEIGHT.  
 ALL NEW POLES SHALL CONFORM TO THE 2022 CALTRANS STANDARD PLANS AND SPECIFICATIONS.  
 ALL EQUIPMENT IS EXISTING UNLESS NOTED OTHERWISE; (N)=NEW, (R)=RELOCATE.

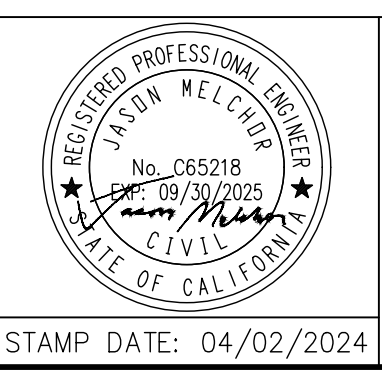


PPB POLE LOCATION



POLE LOCATION DETAIL (NOT TO SCALE)

△	CALTRANS STANDARD PLAN YEAR REVISION.	MJ	JM	04/02/2024
NO.	REVISION	BY	APPR.	DATE



PLAN PREPARED BY:  
**Kimley»Horn**  
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 660 S. Figueroa Street, Ste. 2050 Los Angeles, California 90017 (213) 261-4040

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

TRAFFIC SIGNAL SCHEDULE

SAWTELLE BOULEVARD AND I-405 SB/MATTESON AVENUE

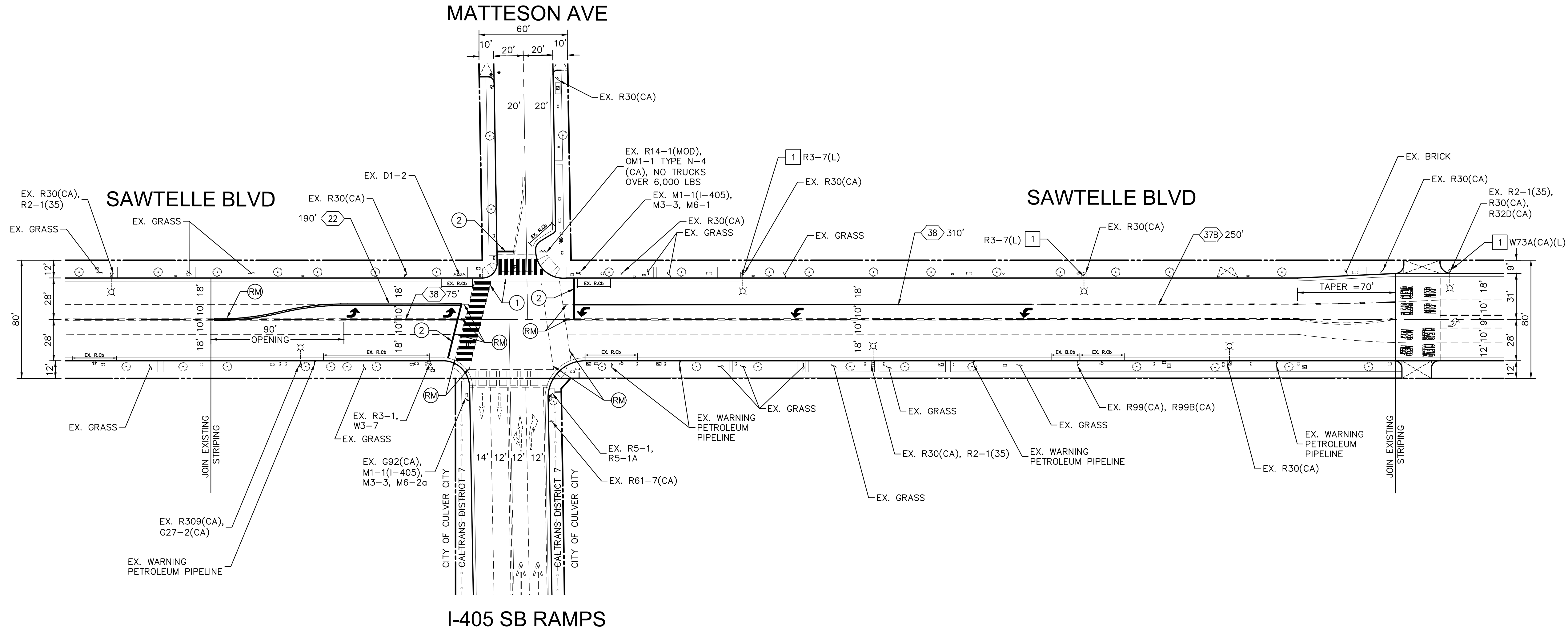
DESIGNED BY	DATE	SCALE	CHECKED BY	DATE
DRAWN BY	DATE	HORIZ: AS SHOWN		
	12/11/2023	VERT: AS SHOWN		
FIELD BOOK REFERENCE	KHA PROJECT NUMBER	APPROVED BY		DATE
	099865001	<i>Andrew M...</i>		5/28/2024

Sheet 03 Of 04 Sheets

MOBILITY & TRAFFIC ENGINEER R.C.E. NO. 70805  
ANDREW MANIACOUS, PE-TE

PLAN NO.

Plotted By: Jacobson, Matthew. Sheet: Set: CULVER CITY DMS - Layout/Layout1 - April 02, 2024. 11:00:45am. K:\LD\PTD\ITS\099417008 - culver city sawtelle blvd & i-405 sb matteson ave\Design\CADD\plan sheet\099417008-SS.dwg  
 This document, together with the concepts and designs presented herein, is an instrument of service, and is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



**PAVEMENT DELINEATION NOTES**

- ① INSTALL CONTINENTAL CROSSWALK PER CULVER CITY STANDARDS. SEE DETAIL "A".
- ② INSTALL 12" LIMIT LINE PER CALTRANS STANDARD PLAN A24E.
- (RM) REMOVE PAVEMENT MARKINGS.

**SIGNAGE CONSTRUCTION NOTES**

- 1 FURNISH AND INSTALL SIGN ON EXISTING POST AS SHOWN.

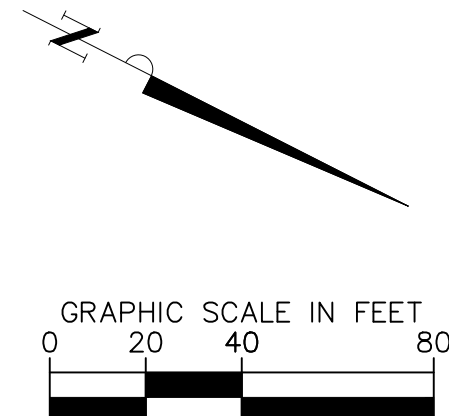
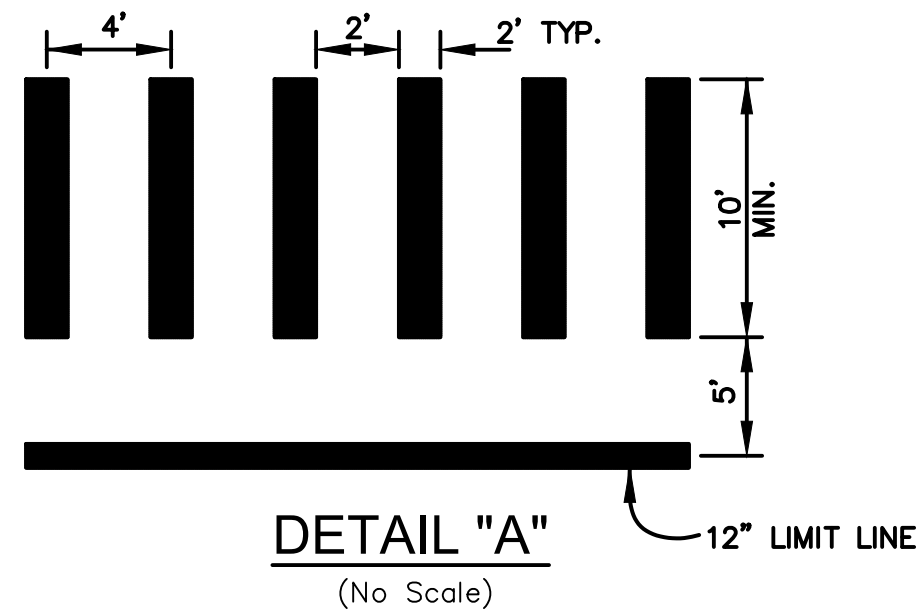
**LEGEND**

- FURNISH AND INSTALL THE FOLLOWING:
- XX STRIPING DETAIL NUMBER IN CSP A20A THROUGH A20D
  - ↔ TYPE IV(L) ARROW PER CSP A24A. DIRECTION SHOWN ON PLAN

**SIGN LEGEND (NEW SIGNS ONLY)**

**LEFT LANE MUST TURN LEFT**  
 R3-7(L) 30"x30"

**LEFT LANE TURNS LEFT AHEAD**  
 W73A(CA)(L) 36"x36"



NO.	REVISION	BY	APPR.	DATE
	CALTRANS STANDARD PLAN YEAR REVISION.	MJ	JM	04/02/2024



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 PUBLIC WORKS DEPARTMENT  
 MOBILITY & TRAFFIC ENGINEERING DIVISION

**SIGNING AND STRIPING PLAN**  
 SAWTELLE BOULEVARD AND I-405 SB/MATTESSON AVENUE

DESIGNED BY	DATE	SCALE	CHECKED BY	DATE
DRAWN BY	DATE	HORIZ: AS SHOWN		
FIELD BOOK REFERENCE		VERT: AS SHOWN		
		KHA PROJECT NUMBER	APPROVED BY	DATE
		099965001	<i>Andrew Maniokous</i>	5/28/2024

Sheet 04 Of 04 Sheets  
 MOBILITY & TRAFFIC ENGINEER R.C.E. NO. 70805  
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PLAN NO.