RIVERSIDE



CALIFORNIA

CONSTRUCTION NOTES:

REMOVE AND REPLACE IN KIND EXISTING FACILITY. NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. ANY NOTE SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC TYPE, ACTION, OR MODIFICATION TO BE CONSTRUCTED. DIMENSIONS OF NEW FACILITY SHALL BE MODIFIED AS NECESSARY. EXCLUDING ADA REQUIREMENTS, TO MATCH EXISTING FACILITY REMOVED.

ADJ ADJUST TO GRADE, DESCRIPTION PER PLAN:

(MH) MANHOLE. (GV) GATE VALVE. (WM) WATER METER, (ETS) ELECTRIC TEST STATION. (CO) CLEAN OUT. (EV) ELECTRIC VAULT. (EM) ELECTRIC MANHOLE.

PROTECT IN PLACE, DESCRIPTION PER PLAN:

(SL) STREET LIGHT. (WM) WATER METER. (PP) POWER POLE. (CB) CATCH BASIN. (TP) TRAFFIC POLE. (GUY) GUY WIRE. (BUS) BUS PAD. (RMP) PEDESTRIAN RAMP. (FH) FIRE HYDRANT. (PED) UTILITY PEDESTAL. (CD) CURB DRAIN. (WV) WATER VAULT. (EV) ELECTRIC VAULT. (PM) PARKING METER. (UV) UTILITY VENT PIPE. (SGN) TRAFFIC SIGN. (BO) BLOW OFF. (BW) BLOCK WALL. (ETS) ELECTRIC TEST STATION. (BRM) AC BERM. (MDN) MEDIAN. (TW) TREE WELL. (TRE) TREE/PALM. (WTR) WATER UTILITY

REM REMOVE EXISTING, DESCRIPTION PER PLAN: (ACP) = AC PATCH ON SIDEWALK.

PLACE IT IN THE 2% LANDING.

(BUS) = REMOVE EXISTING REINFORCED CONCRETE BUS PAD (8" MIN.) DOWN TO EXISTING BASE MATERIAL. RE-COMPACT EXISTING BASE MATERIAL TO 90% COMPACTION. CONSTRUCT FULL DEPTH AC UP TO THE FINAL

O.12' MIN. DEPTH LINEAR COLD MILL OF EXISTING AC PAVEMENT OR 0.15' MIN. DEPTH WHEN USED IN CONJUNCTION WITH ARAM TREATMENT. EDGE OF MILL SHALL BE 6" AWAY FROM EXISTING BERM WHEN

(--) = WIDTH OF LINEAR COLD MILL AS INDICATED ON PLANS.

VARIABLE AREA COLD MILL OF EXISTING AC PAVEMENT.

--) = DEPTH OF VARIABLE AREA COLD MILL AS INDICATED ON PLANS.

(ARAM) CONSTRUCT ASPHALT RUBBER AGGREGATE MEMBRANE.

OVERLAY OR CONSTRUCT NEW FIBER REINFORCED ASPHALT CONCRETE (FRAC) PAVEMENT REPLACEMENT DEPTH SHALL MATCH AC THICKNESS TO BE REMOVED UNLESS OTHERWISE NOTED

OVERLAY OR CONSTRUCT NEW CONVENTIONAL DGAC PAVEMENT. REPLACEMENT DEPTH PER PLAN.

CONSTRUCT CURB AND GUTTER PER CITY STD 200 WITH THE FOLLOWING MODIFICATION (--): (M1) = 6-INCH WIDE CURB BAND, FLUSH 0-INCH CURB HEIGHT.

CONSTRUCT DRIVEWAY PER CITY STD 302 WITH THE FOLLOWING MODIFICATION (--):

(M1) = CONSTRUCT PARTIAL DRIVEWAY PANEL OR WING TO MATCH EXISTING TYPE, DIMENSIONS, AND GRADE. PROTECT IN PLACE EXISTING C&G. SIDEWALK, AND DRIVEWAY, INCLUDES SAW CUTTING WHERE NECESSARY. (M2) = REMOVE AND REPLACE EXISTING DRIVEWAY, MATCH EXISTING DRIVEWAY DIMENSIONS, AND GRADE. (M3) = CONSTRUCT PARTIAL DRIVEWAY TO MATCH EXISTING TYPE, DIMENSIONS, STAMPED PATTERN, AND

(M4) = REMOVE AND REPLACE EXISTING DRIVEWAY PER CITY STANDARD (CB-I) AND POUR THE RETAINING CURB MONOLITHICALLY WITH THE NEW DRIVEWAY. PIP EXISTING LANDSCAPE AND IRRIGATION.

304 CONSTRUCT PEDESTRIAN RAMP PER CITY STD 304 WITH THE FOLLOWING TYPE: (M1) = MODIFIED TYPE IV-A, ADD WINGS AND RETAINING CURB TO WIDEN THE LANDING.

(M2) = MODIFIED TYPE I WITH RETAINING CURB ON ONE SIDE (M3) = MODIFIED TYPE I WITH RETAINING CURB AT THE BACK OF LANDING.

(M4) = MODIFIED TYPE II WITH RETAINING CURB ON ONE SIDE OF THE RAMP. R&R WM BOX AND LID AND

325 CONSTRUCT SIDEWALK PER CITY STD 325 WITH THE FOLLOWING MODIFICATION (--):

(M1) = REMOVE AND REPLACE EXISTING SIDEWALK INCLUDING RETAINING CURB IN KIND.

(M2) = REMOVE AND REPLACE RAMP WING WITH SCORE LINES.

(M3) = REMOVE EXISTING RAMP, ADD AND COMPACT WITH FILL DIRT AND CONSTRUCT NEW SIDEWALK. (M4) = REMOVE AND REPLACE EXISTING STAMPED CONCRETE BAND IN KIND, MATCH PATTERN AND COLOR. IF THE BAND IS WITHIN A DRIVEWAY APPROACH, THE THICKNESS SHALL BE 6".

RECONSTRUCT TOP OF CATCH BASIN PER CITY STD 400, TYPE I, WIDTH PER PLAN. CONTRACTOR SHALL SAW CUT, REMOVE AND DISPOSE EXISTING CATCH BASIN TOP, DOWEL AND EPOXY THE NEW CATCH BASIN TOP TO EXISTING STRUCTURE.

(410) REMOVE EXISTING DRAIN AND CONSTRUCT PARKWAY DRAIN PER CITY STD 410, TYPE AND SIZE PER PLAN.

CONSTRUCT 60' X 12' CONCRETE BUS PAD (BUS PAD WIDTH MEASURED FROM MONOLITHIC CURB FACE), UNLESS OTHERWISE INDICATED ON PLANS. BASE OR SUBGRADE SHALL BE REMOVED AND COMPACTED AS NECESSARY TO INSTALL BUS PAD PER DETAIL IN PART 10 OF THE SPECIFICATIONS. ENGINEER SHALL BE NOTIFIED PRIOR TO POURING NEW CONCRETE. CONTRACTOR TO REMOVE AND REINSTALL ALL BENCHES, TRASH RECEPTACLES, BUS STOP SIGN, IF NECESSARY.

REMOVE AND REPLACE EXISTING IMPROVEMENT PER PLAN (--):

(CUL) = CONTRACTOR SHALL REMOVE EXISTING PARKWAY CULVERT. REMOVE ANY INTERFERING ROOT

SYSTEM, AND VERIFY IF AN EXISTING DRAINAGE FACILITY IS CONNECTED AT THE BACK OF WALK. IF AN EXISTING DRAINAGE CONNECTION EXISTS, RECONSTRUCT THE PARKWAY CULVERT PER CITY STANDARD 410 TO MATCH THE EXISTING OPENING WIDTH. IF NO DRAINAGE CONNECTION EXISTS, RECONSTRUCT THE CURB/GUTTER AND SIDEWALK PER CITY STANDARD

(WM) = REMOVE AND REPLACE CONCRETE WATER METER BOX AND LID. THE CITY WILL SUPPLY THE

CONTRACTOR THE NEW BOX AND LID.

(CD) = REMOVE AND REPLACE EXISTING CURB DRAIN PIPE WITH THE SIDEWALK REPAIR. (PB) = REMOVE AND REPLACE EXISTING TRAFFIC SIGNAL OR STREET LIGHT PULL BOX WITH A NEW PULL BOX. PULL BOXES LOCATED IN DRIVEWAY APPROACHES SHALL HAVE A TRAFFIC RATED LID.

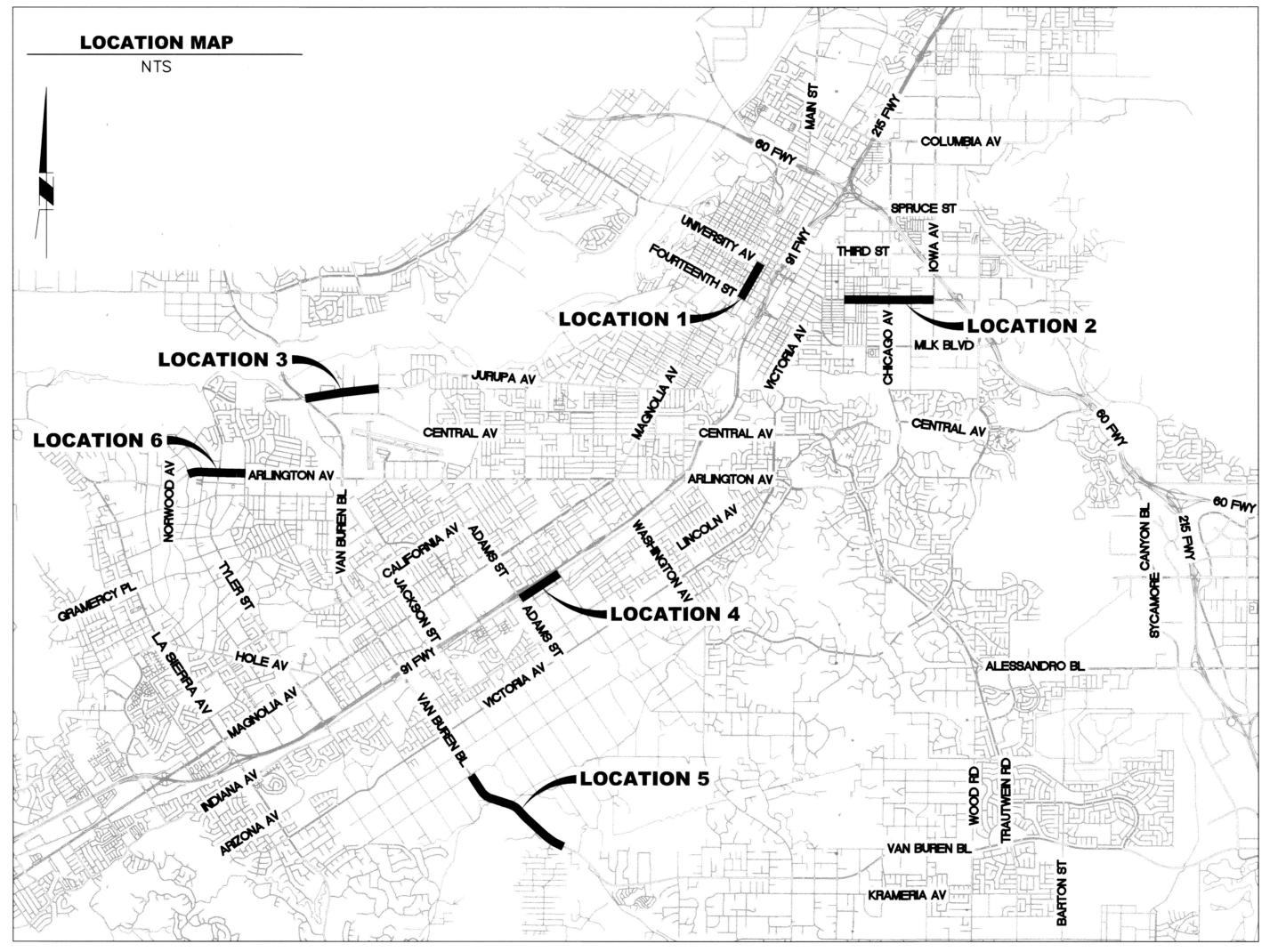
(LIP) = GRIND LIP OF THE EXISTING PEDESTRIAN RAMP DOWN TO FLOW LINE (STM) = REMOVE AND REPLACE EXISTING STAMPED CONCRETE IN KIND. CONTRACTOR SHALL MATCH EXISTING PATTERN AND COLOR.

REMOVE AND REPLACE EXISTING AC INLET APRON, SEE DETAIL ON SHEET 10.

 $\stackrel{\prime}{\rightarrow}$ fill area with dirt, sod and modify irrigation as necessary.

CONTRACTOR SHALL COORDINATE WITH SAM WATTANACHINDA (swattana@riversidetransit.com) (951)565-5122 AT THE RIVERSIDE TRANSIT AUTHORITY FOR THE REMOVAL AND DELIVERY OF ALL BUS STOP EQUIPMENT.

PUBLIC WORKS DEPARTMENT 2020/2021 SB-1 STREET MAINTENANCE IMPROVEMENTS



EXISTING TOPOGRAPHY:

- GATE VALVE SANITARY SEWER M.H.
- STORM DRAIN M.H.
- ELECTRIC M.H.
- W WATER M.H.
- で FIRE HYDRANT

LEGEND:

CM1 + AC TREATMENT AS INDICATED

CM2 (DEPTH PER PLAN) + AC TREATMENT AS INDICATED

GENERAL CONSTRUCTION NOTES:

- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC AS INDICATED IN THE ASSOCIATED PROJECT SPECIAL PROVISIONS.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2012 EDITION
- EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR
- ALL STREET PULL BOXES, AFFECTED BY CONSTRUCTION, SHALL BE ADJUSTED TO THE PROPOSED GRADE, A NEW BOX WILL BE SUPPLIED BY THE CITY IF THE PULL BOX OR WATER METER BOX IS DAMAGED OR NOT PER CURRENT CITY STANDARD SPECIFICATIONS. HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE CITY FURNISHED ITEM FROM THE CITY'S CORPORATION YARD LOCATED AT 8095 LINCOLN AVENUE.
- THE SEAM BETWEEN PASSES OF THE AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, TO THE LANE LINES.
- COLD MILLING SHALL BE AS DESCRIBED ON THE PLANS AND SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
- ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEERING AFTER COLD-MILLING AND PRIOR TO PLACEMENT OF NEW AC PAVEMENT.
- CONTRACTOR SHALL REMOVE ALL VEGETATION AND CLEAR ALL DIRT WITHIN ALL SIDEWALK PANELS AND TREE WELLS WITHIN THE PROJECT LIMITS.
- ALL EXISTING IMPROVEMENTS SHOWN HEREON SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED
- 10. EXISTING IRRIGATION SHALL BE PROTECTED OR MODIFIED AS NECESSARY TO CONSTRUCT NEW CONCRETE IMPROVEMENTS.
- 11. ADEQUATE FLOW LINES SHALL BE MAINTAINED AT ALL LOCATIONS.
- 12. IF EXCESS GRINDING OF TREE ROOTS IS REQUIRED, A SPECIAL INSPECTION FROM THE LANDSCAPING DIVISION IS REQUIRED FOR ANALYSIS OF POTENTIAL IMPACT.

INDEX:

STREET MAINTENANCE PLANS (R-4525):

DESCRIPTION TITLE SHEET AND NOTES LOCATION 1 (ORANGE STREET FROM FOURTEENTH STREET TO UNIVERSITY AVENUE) LOCATION 2 (UNIVERSITY AVENUE FROM OTTAWA AVENUE TO CRANFORD AVENUE)

LOCATION 2 (UNIVERSITY AVENUE FROM CRANFORD AVENUE TO IOWA AVENUE) LOCATION 3 (JURUPA AVENUE FROM VAN BUREN BOULEVARD TO ACORN STREET)

LOCATION 3 (JURUPA AVENUE FROM ACORN STREET TO WILDERNESS AVENUE)

LOCATION 4 (INDIANA AVENUE FROM ADAMS STREET TO MOTOR CIRCLE EAST) LOCATION 4 (INDIANA AVENUE FROM MOTOR CIRCLE EAST TO JEFFERSON STREET)

LOCATION 5 (VAN BUREN BOULEVARD FROM DUFFERIN AVENUE TO 2200' SOUTHERLY OF DUFFERIN AVENUE) LOCATION 5 (VAN BUREN BOULEVARD FROM 1500' NORTHERLY OF CITRUS HEIGHTS DRIVE TO

1000' SOUTHERLY OF CITRUS HEIGHTS DRIVE) LOCATION 5 (VAN BUREN BOULEVARD FROM 500' NORTHERLY EQUESTRIAN DRIVE TO CITY

LOCATION 6 (ARLINGTON AVENUE FROM CHADBOURNE AVENUE TO 600' EASTERLY OF TYLER 12

STREET) LOCATION 6 (ARLINGTON AVENUE FROM 900' WESTERLY OF CREST AVENUE TO CREST

AVENUE)

SIGNING/STRIPING PLANS:

AN NO.	DESCRIPTION

LOCATION 1 (ORANGE STREET FROM FOURTEENTH STREET TO UNIVERSITY AVENUE) XL-821 XL-822 LOCATION 2 (UNIVERSITY AVENUE FROM OTTAWA AVENUE TO IOWA AVENUE) XL-819 LOCATION 3 (JURUPA AVENUE FROM VAN BUREN BOULEVARD TO WILDERNESS AVENUE)

LOCATION 4 (INDIANA AVENUE FROM ADAMS STREET TO JEFFERSON STREET)

LOCATION 5 (VAN BUREN BOULEVARD FROM DUFFERIN AVENUE TO CITY LIMITS)

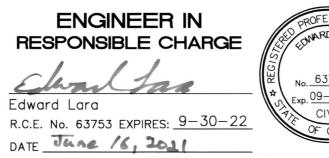
LOCATION 6 (ARLINGTON AVENUE FROM CHADBOURNE AVENUE TO CREST AVENUE)

5/04/23





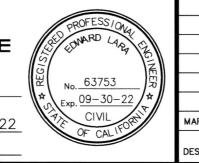


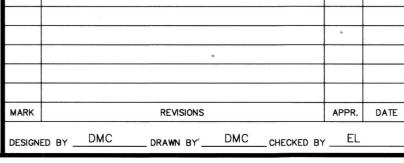


ETS ⊗ ELECTRICAL TEST STATION (GAS)

® BLOW OFF VALVE

© POWER POLE

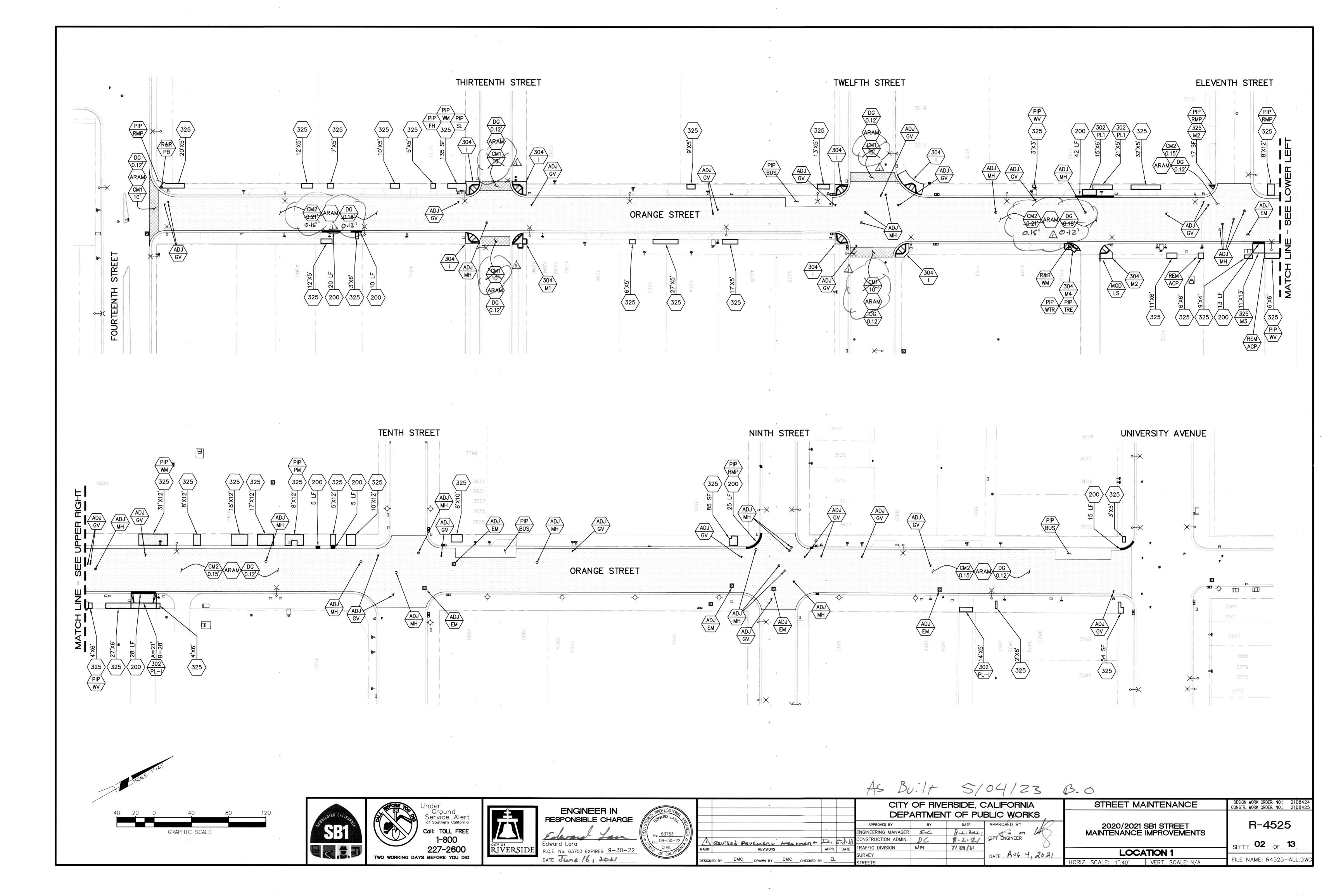


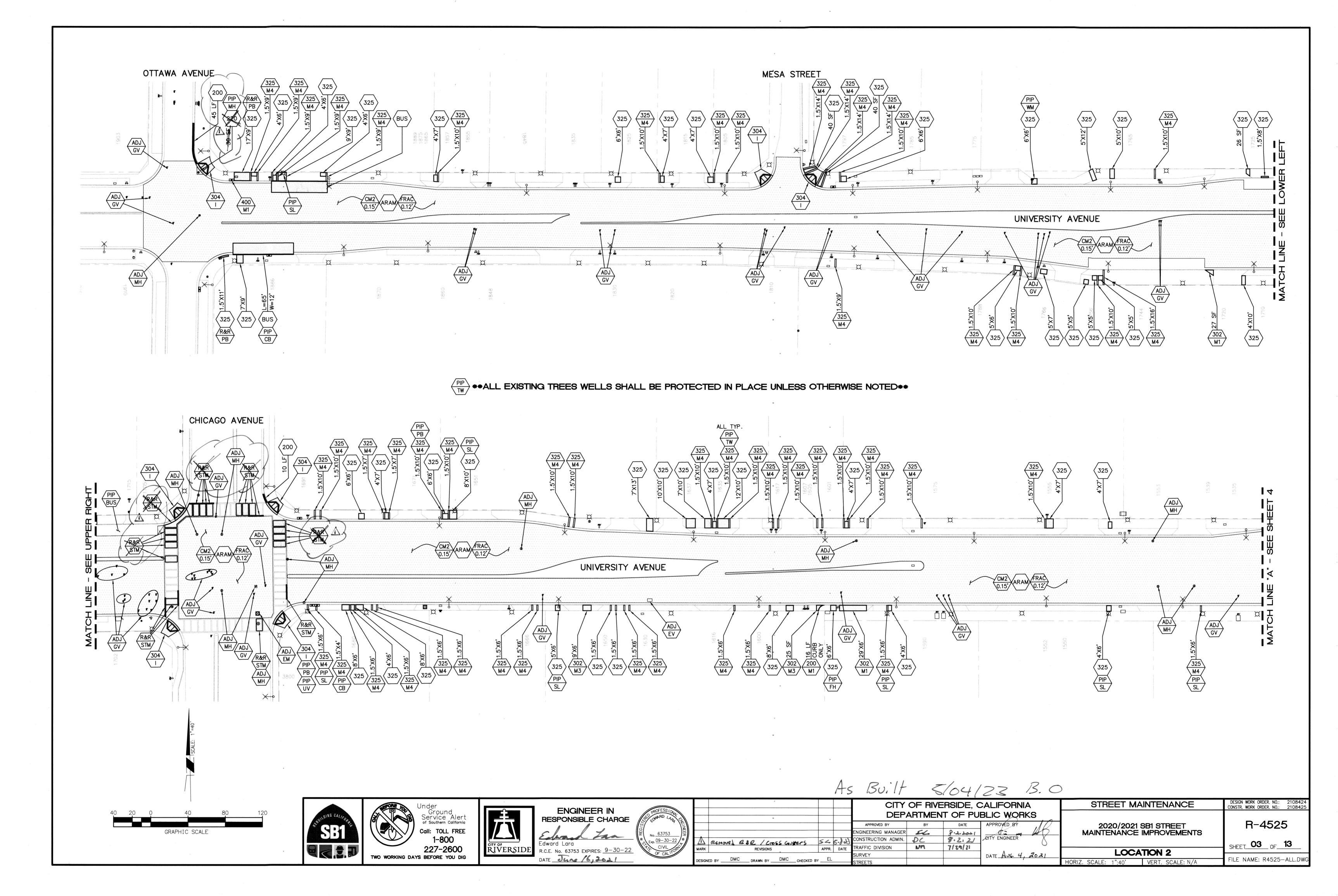


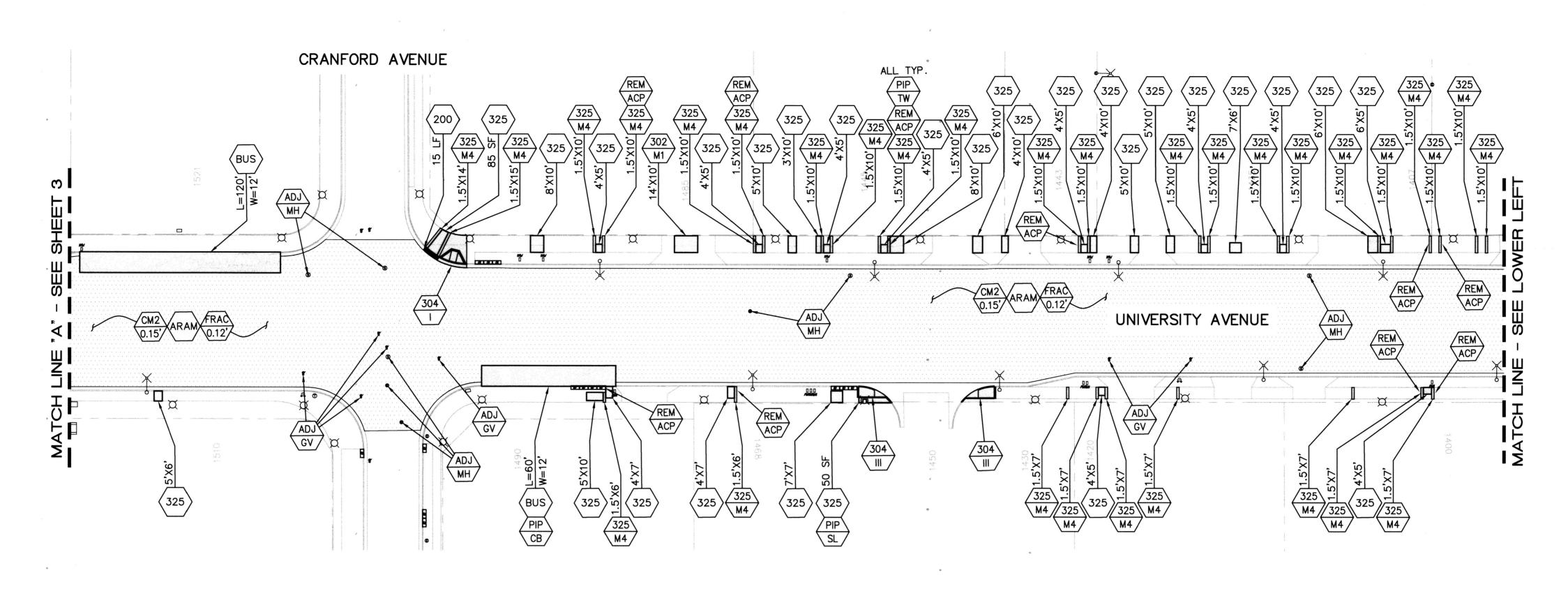
	DEP	ARTMEN	T OF PU	В
1	APPROVED BY	BY	DATE	
1	ENGINEERING MANAGER	I.L.	8.2.2021	
	CONSTRUCTION ADMIN.	DC	8.2.21	1
1	TRAFFIC DIVISION	NM	7/29/21	
1	SURVEY			
_	STREETS			

PROPOSED PCC

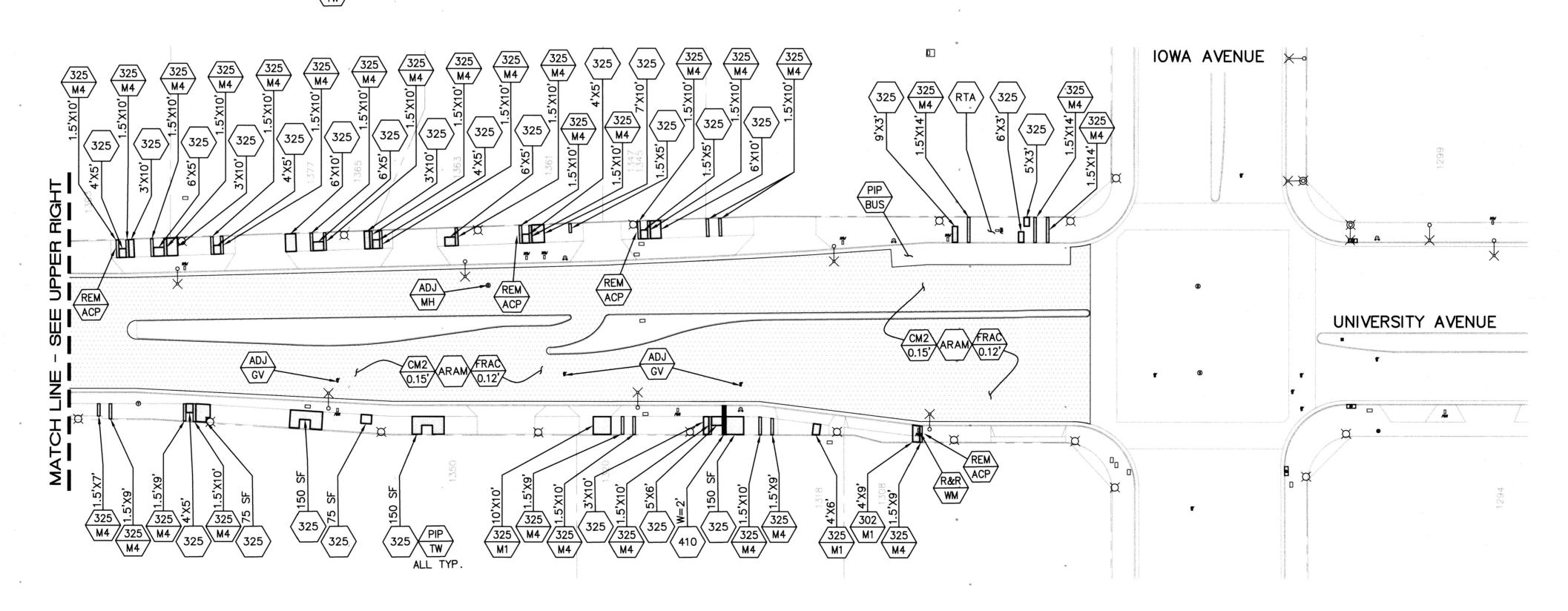
DESIGN WORK ORDER. NO.: 210842-CONSTR. WORK ORDER. NO.: 210842 CITY OF RIVERSIDE. CALIFORNIA STREET MAINTENANCE BLIC WORKS R-4525 APPROVED BY 2020/2021 SB-1 STREET MAINTENANCE IMPROVEMENTS CITY ENGINEER SHEET 01 OF 13 TITLE SHEET AND NOTES DATE AJG. 4, 2021 FILE NAME: R4525-01.DWG VERT. SCALE: NA

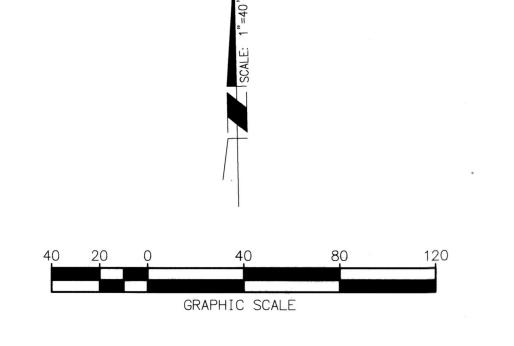






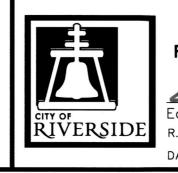
ALL EXISTING TREES WELLS SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED











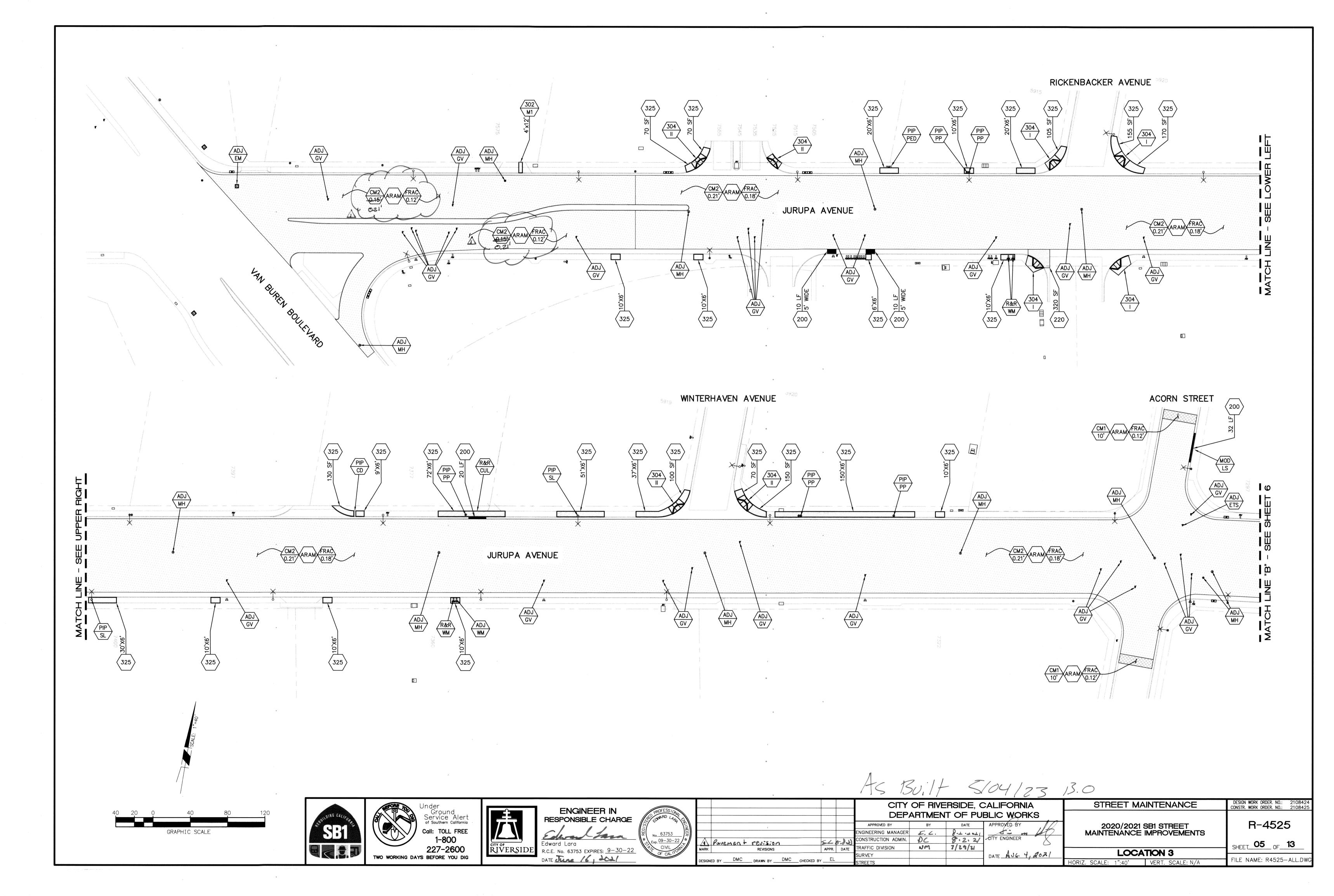
	ENGINEER IN RESPONSIBLE CHARGE	REGISTERS
ERSIDE	Edward Lara R.C.E. No. 63753 EXPIRES: 9-30-22 DATE	A STATE

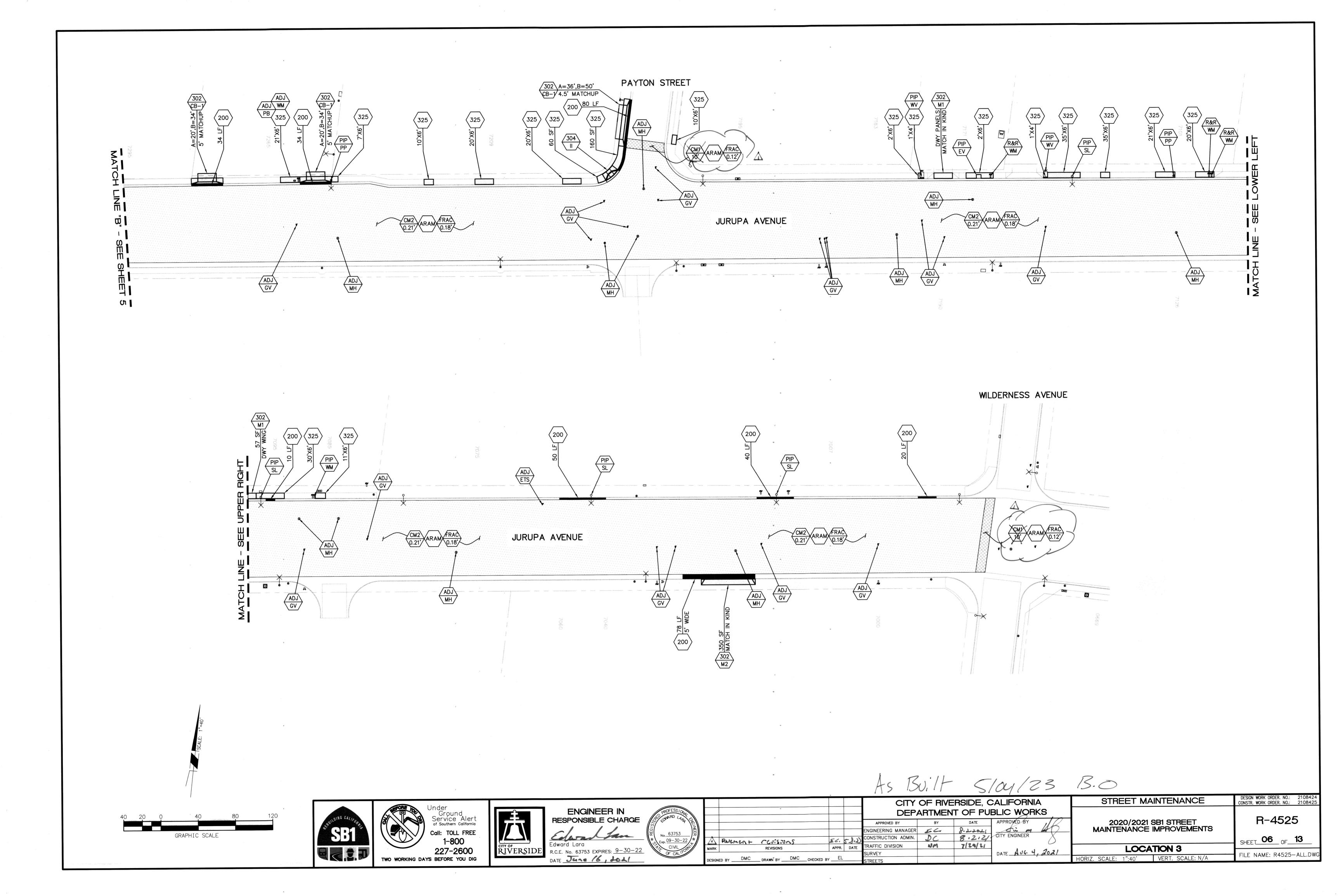
	PROFESSIONAL CE	
RGE	(S/S)	
	 ★ ₅ 09–30–22 /★	
30-22	OF CALIFORNIA	MARK
	OF CAL	DESIGN

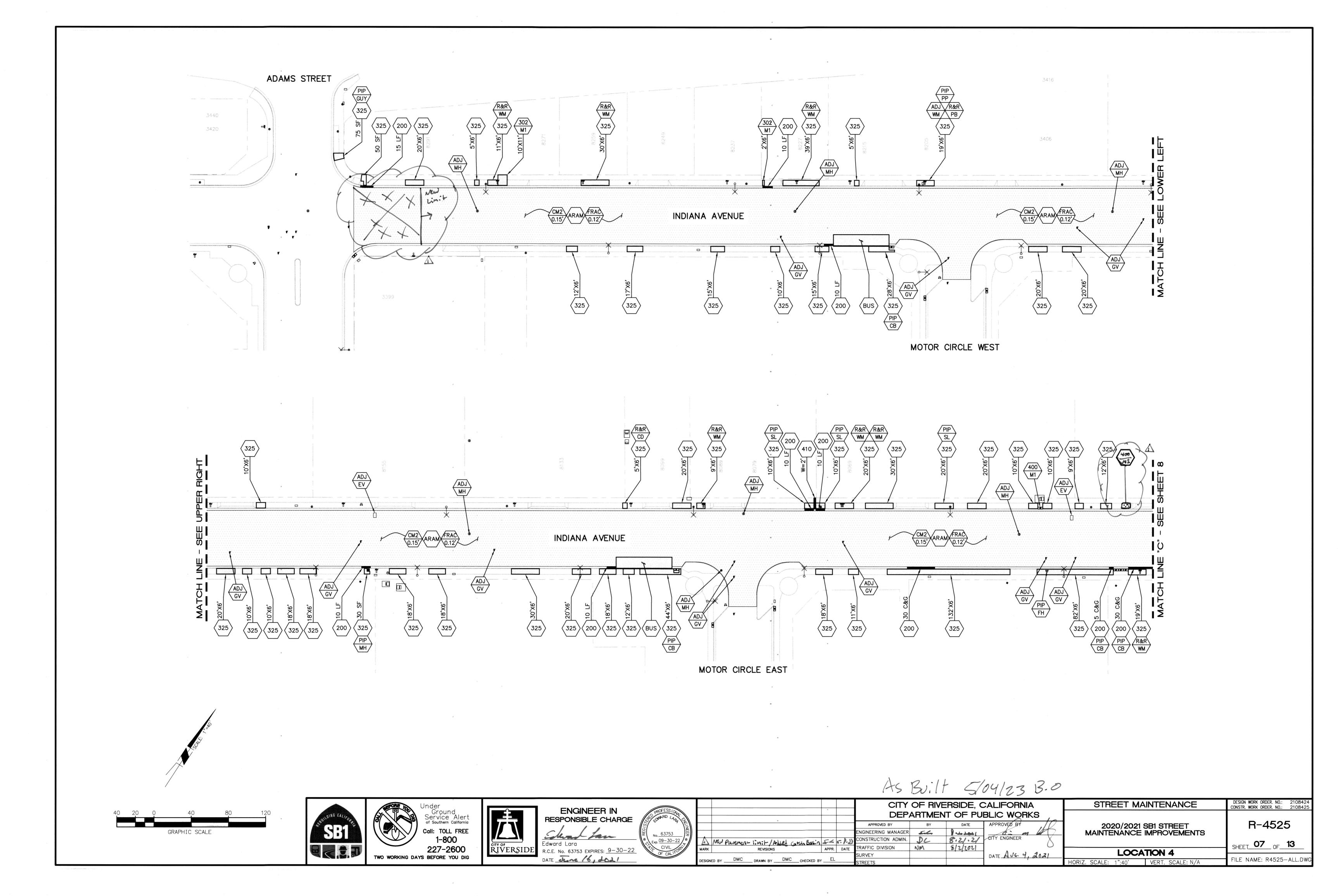
B.0	5/04/23	t <	150,1	As			•		
STR	CALIFORNIA	RSIDE, C	OF RIVE	CITY	¥.				
	BLIC WORKS	T OF PU	ARTMEN	DEP				6	
20:	APPROVED BY	DATE	BY	APPROVED BY					
MAINTE	in m	8.2.2021	EC.	ENGINEERING MANAGER				•	
	CITY ENGINEER	8.2.21	DC	CONSTRUCTION ADMIN.					
		7/29/31	NPI	TRAFFIC DIVISION	DATE	APPR.		REVISIONS	IARK
	DATE AJ4. 4, 2021			SURVEY			DMC	DMC	
HORIZ SCALE	1 ' '			CTDEETC		YEL	DMC CHECKED BY	ED BYDMCDRAWN BY _	ESIGNE

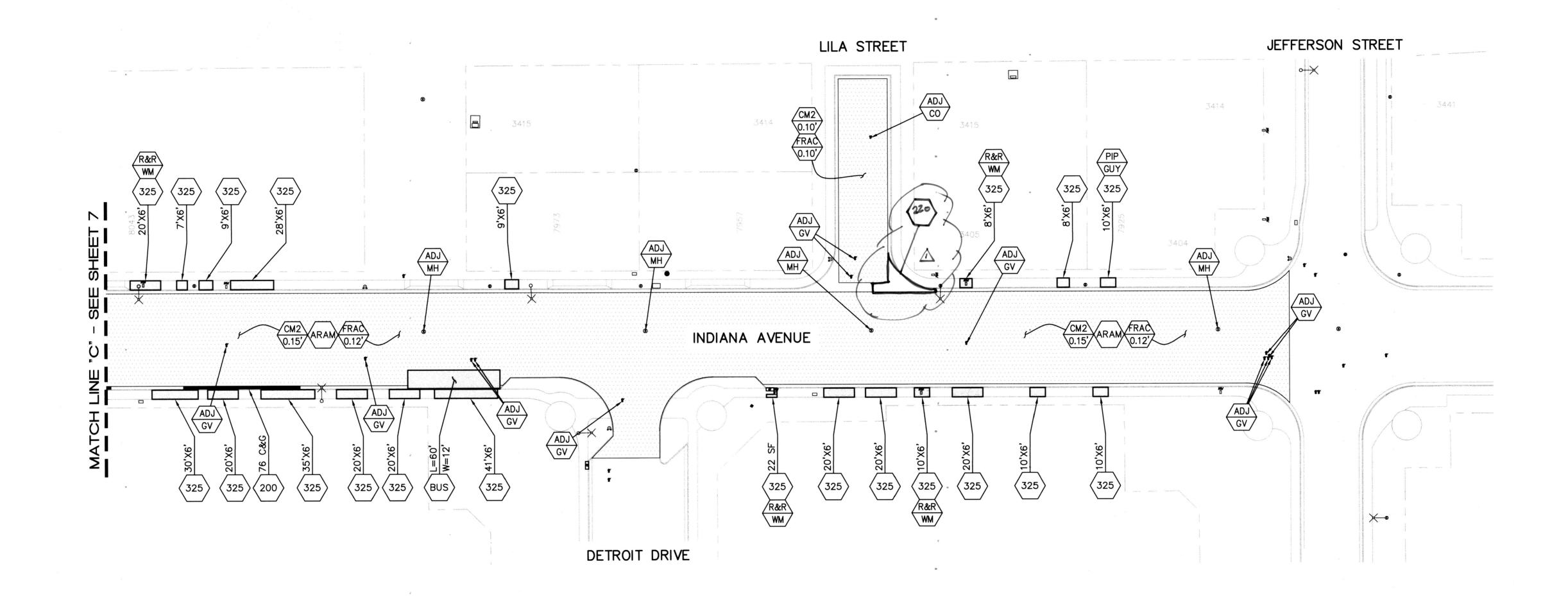
STREET MAINTENANCE	DESIGN WORK ORDER. NO.: 2108424 CONSTR. WORK ORDER. NO.: 2108425
2020/2021 SB1 STREET MAINTENANCE IMPROVEMENTS	R-4525
LOCATION O	SHEET 04 OF 13
	FILE NAME: R4525-ALL.DWG
	2020/2021 SB1 STREET

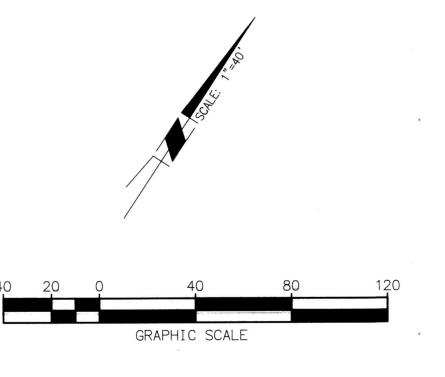
VERT. SCALE: N/A

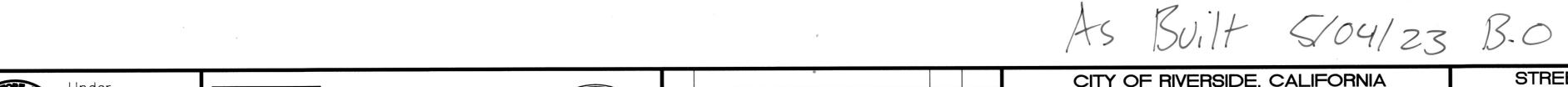






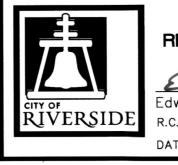


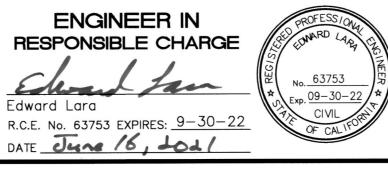








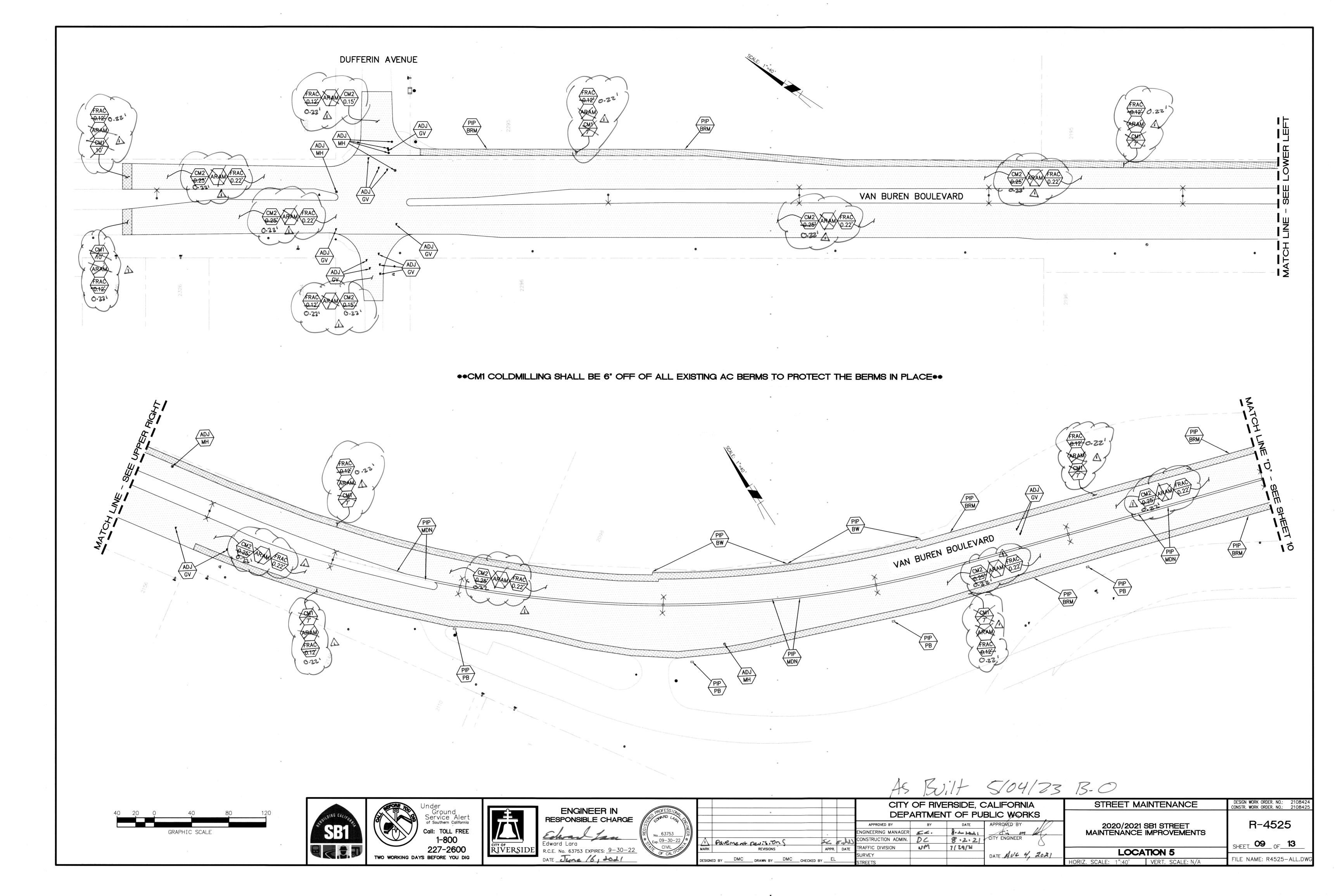


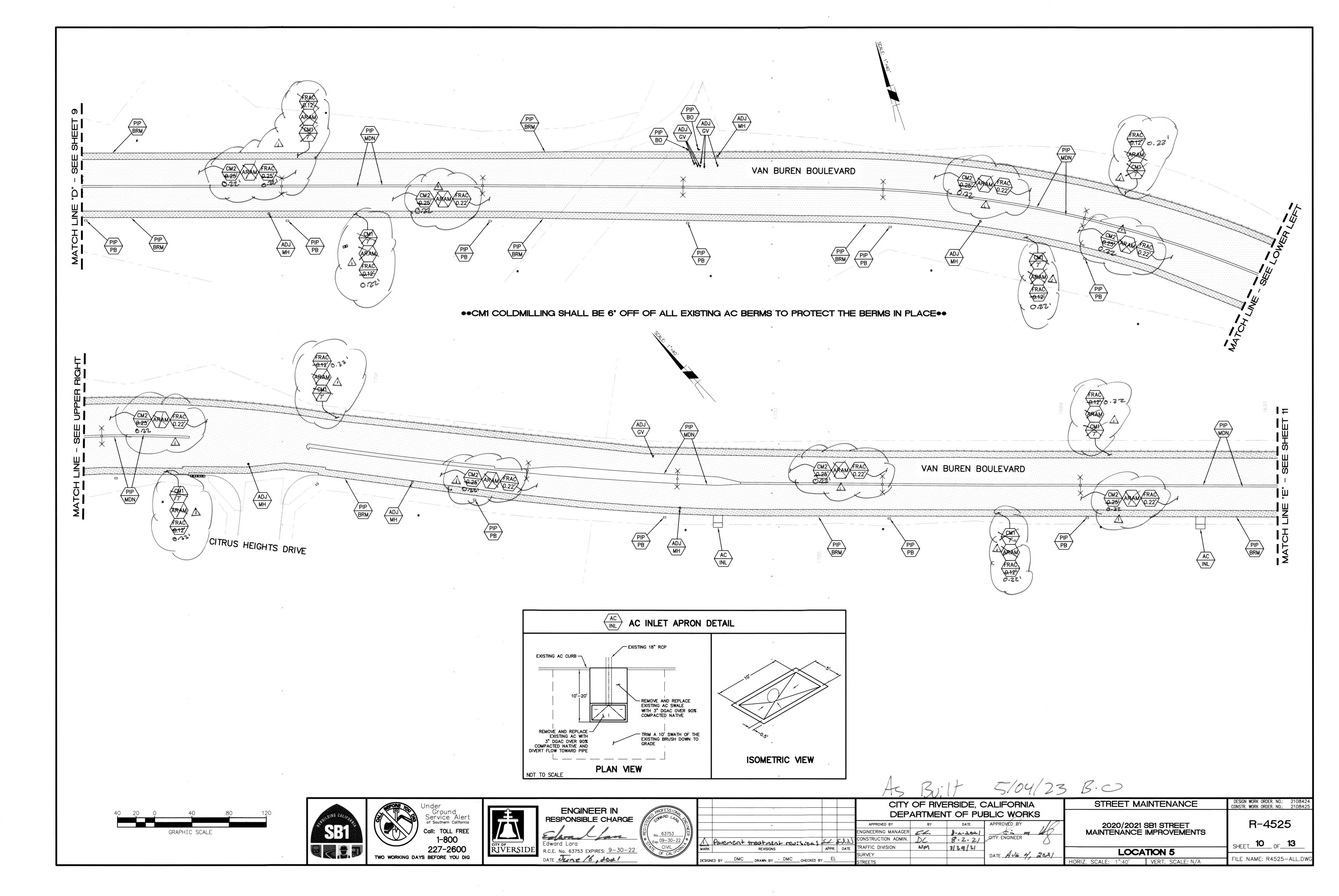


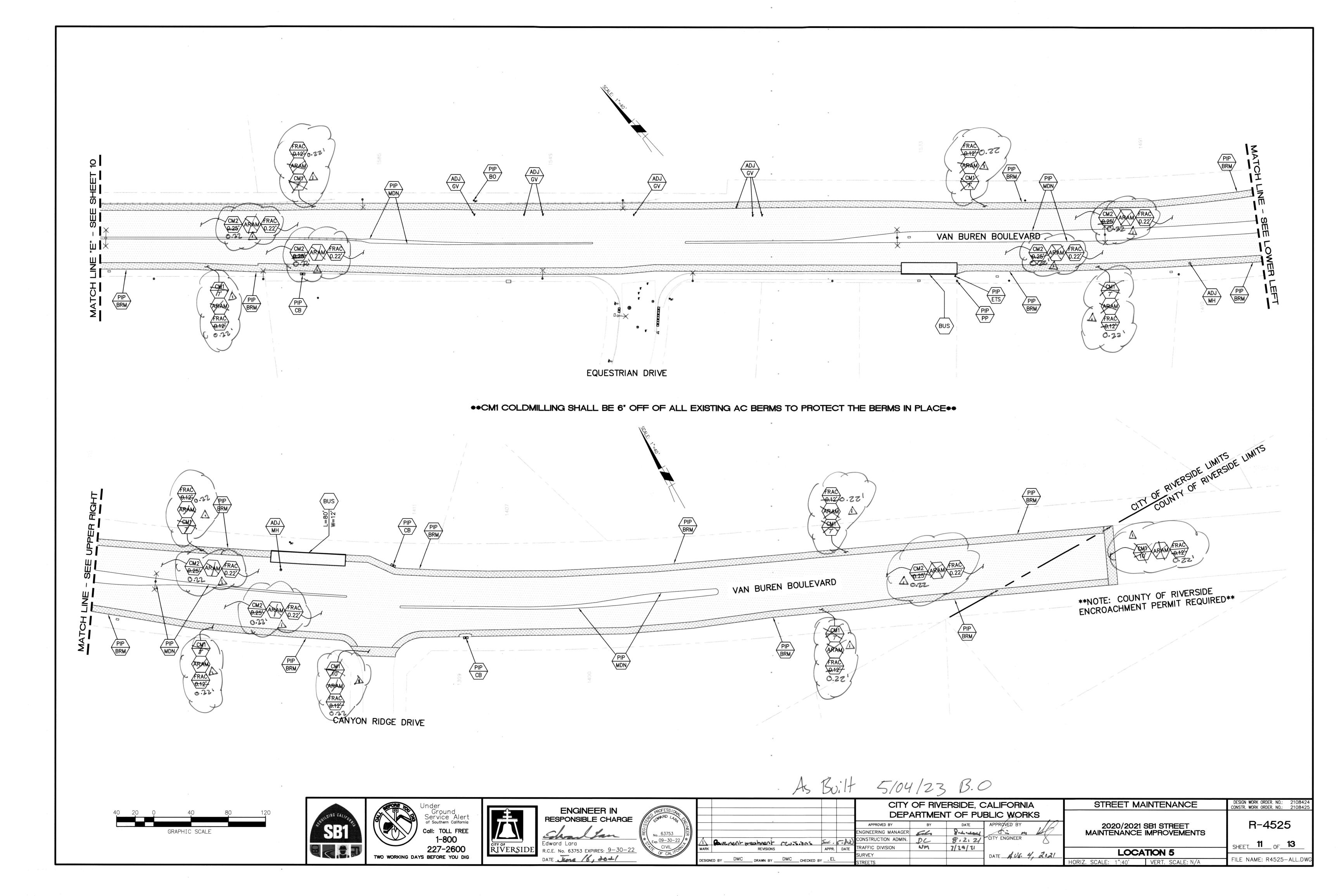
CIRCINEER & P.II.	MARK	ADDED WILL SQUITE REVISIONS	
	MARK		
	DESIGN	ED BYDMCDRAWN BYDMC	2

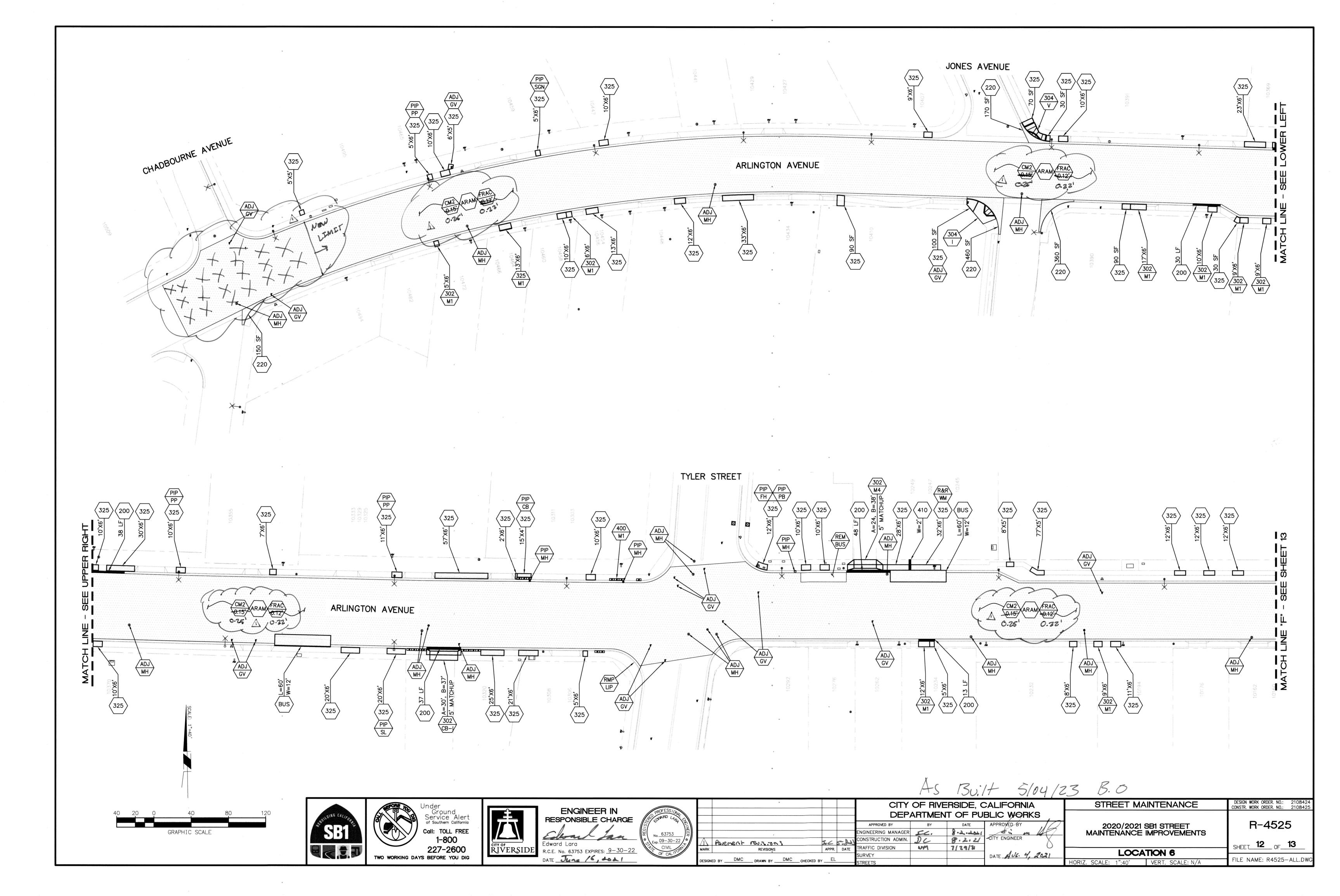
	_ CITY OF RIVERSIDE, CALIFORNIA										
	DEP	ARTMEN	T OF PU	BLIC WORK	S						
_	APPROVED BY	BY	DATE	APPROVED BY							
	ENGINEERING MANAGER	I.L	8.2.2021	Si M	10	İ					
14	CONSTRUCTION ADMIN.	DC	8.212/	CITY ENGINEER		İ					
ATE	TRAFFIC DIVISION	NM	7/29/21	,							
	SURVEY			DATE AUG. 4	2021						
	STREETS			, , , , , , , , , , , , , , , , , , , ,		Н					

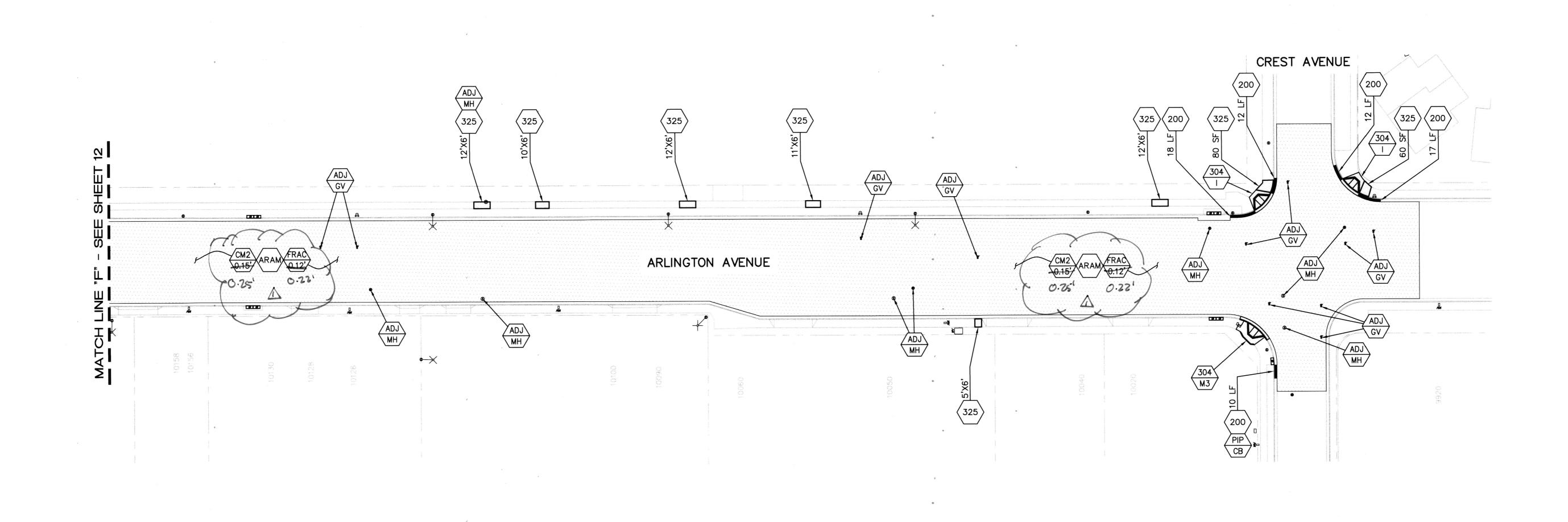
STREET MAINTENANCE	DESIGN WORK ORDER. NO.: 2108424 CONSTR. WORK ORDER. NO.: 2108425		
2020/2021 SB1 STREET IAINTENANCE IMPROVEMENTS	R-4525		
LOCATION 4	SHEET 08 OF 13		
LOCATION 4	FILE NAME: R4525-ALL.DWG		
SCALE: 1":40' VERT SCALE: N/A	THE THINE THOUSE THE STATE		

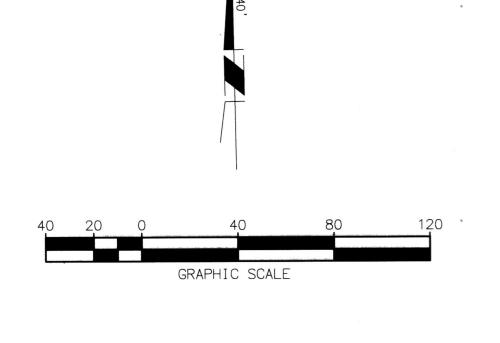








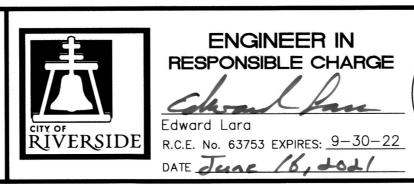




SB1

TWO WORKING





PROFESS/ONAL				
E LONARD LYES CE				
We No. 63753				
의 No. 63753				
Exp. 09-30-22	\triangle	Parener	11	treatmen
	MARK			REVISIONS
OF CALIFOR	DESIGN	ED BYD	MC	DRAWN BY

		*					CALIFORNIA
				DEP	ARTMEN	T OF PU	BLIC WORK
				APPROVED BY	BY	DATE	APPROYED BY
-				ENGINEERING MANAGER	EL.	P. J 2021	où m
\	Parement treatment revisions	54	5-2-2	CONSTRUCTION ADMIN.	DC	8.2.21	CITY ENGINEER
RK	REVISIONS	APPR.		TRAFFIC DIVISION	NM	7/29/21	
		F.		SURVEY			DATE AUG. 4,
SIGNI	ED BYDMCDRAWN BYDMCCHECKED BY	, <u>EL</u>		STREETS			/

AS	Bo;	1	5/04/23	3 13.0		
CITY	OF RIVE	RSIDE, C	CALIFORNIA	STREET MA	INTENANCE	DESIGN WORK ORDER. NO.: 2108424 CONSTR. WORK ORDER. NO.: 2108425
DEP	ARTMEN ^T	T OF PUI	BLIC WORKS APPROVED BY	2020/2021	SB1 STREET	R-4525
SINEERING MANAGER	EL.	P. J JOY (Si m US	MAINTENANCE	IMPROVEMENTS	
NSTRUCTION ADMIN.	DC	8.2.21.	CITY ENGINEER			SHEET 13 OF 13
AFFIC DIVISION	NM	7/29/21	1	LOCA	TION 6	31 ILL 1 01
RVEY			DATE AUG. 4, 2021			FILE NAME: R4525-ALL.DWG
REETS			/	HORIZ. SCALE: 1":40'	VERT. SCALE: N/A	11EE 147 (141E: 11 1020 7 1EE: B 110