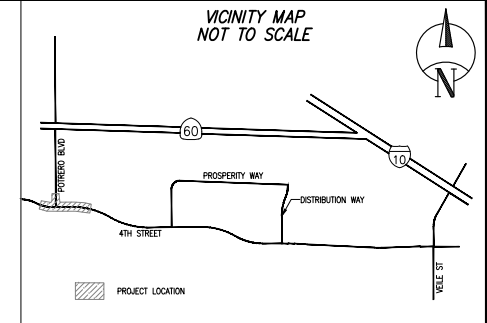


CITY OF BEAUMONT TRAFFIC SIGNAL AND SIGNING & STRIPING PLANS POTRERO BLVD AT 4TH STREET



GENERAL NOTES:

- THIS PLAN SUPERSEDES ALL OTHER PLANS PREVIOUSLY APPROVED BY THE CITY OF BEAUMONT REGARDING IMPROVEMENTS SHOWN ON THIS SET OF PLANS.
- APPROVAL OF THIS PLAN DOES NOT LESSEN OR WAIVE ANY PORTION OF THE BEAUMONT MUNICIPAL CODE, RESOLUTION OF CONDITIONAL APPROVAL, CITY STANDARDS OR OTHER ADDITIONAL DOCUMENTS LISTED HEREIN AS THEY MAY PERTAIN TO THIS PROJECT. THE ENGINEER IN RESPONSIBLE CHARGE SHALL REVISE THESE PLANS WHEN NON-COMFORMANCE IS DISCOVERED.
- CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER OR ENGINEER-OF-WORK FROM RESPONSIBILITY FOR THE CORRECTION OF ERRORS AND OMISSIONS DISCOVERED DURING CONSTRUCTION. ALL PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.
- A RIGHT-OF-WAY PERMIT FROM THE BUILDING & SAFETY DEPARTMENT WILL BE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT OF WAY. PRIOR TO PERMIT ISSUANCE, A CERTIFICATE OF INSURANCE MUST BE FILED NAMING THE CITY OF BEAUMONT AS AN ADDITIONAL INSURED UNDER THE PERMITTEE'S POLICY IN THE MINIMUM AMOUNT OF \$1,000,000.00 FOR EACH OCCURRENCE OF LIABILITY. THE INSURANCE COMPANY WRITING THE POLICY MUST HAVE A RATING OF "A-" OR BETTER AND A SIZE CATEGORY OF CLASS "A" OR BETTER AS ESTABLISHED BY "BEST'S" KEY RATING GUIDE.
- NO WORK SHALL BE COMMENCED UNTIL ALL PERMITS HAVE BEEN OBTAINED FROM THE CITY AND OTHER APPROPRIATE AGENCIES.
- REVISIONS OF THESE PLANS MAY BE REQUIRED IF THE PROPOSED IMPROVEMENTS ARE NOT CONSTRUCTED PRIOR TO THE DEADLINE DATE OF THE IMPROVEMENT AGREEMENT.
- NO REVISIONS WILL BE MADE TO THESE PLANS WITHOUT THE WRITTEN APPROVAL OF THE CITY ENGINEER, NOTED WITHIN THE REVISION BLOCK, ON THE APPROPRIATE SHEET OF THE PLANS AND TITLE SHEET.
- ORIGINAL DRAWINGS SHALL BECOME THE PROPERTY OF THE CITY OF BEAUMONT BY THE CITY ENGINEER.
- THE ORIGINAL DRAWING SHALL BE REVISED TO REFLECT AS-BUILT CONDITIONS BY THE ENGINEER-OF-WORK PRIOR TO FINAL ACCEPTANCE OF THE WORK BY THE CITY.
- ACCESS FOR FIRE AND OTHER EMERGENCY VEHICLES SHALL BE MAINTAINED TO THE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION.
- WHERE TRENCHES ARE WITHIN CITY EASEMENTS, A SOILS REPORT COMPRISED OF:
 - SUMMARY SHEET
 - LABORATORY WORK SHEETS
 - COMPARISON CURVES SHALL BE SUBMITTED BY A PROFESSIONAL ENGINEER OF THE STATE OF CALIFORNIA, PRINCIPALLY DUG BUSINESS IN THE FIELD OF APPLIED SOILS MECHANICS. THE SOILS REPORT WILL BE SUBMITTED TO THE CITY ENGINEERING INSPECTOR WITHIN TWO WORKING DAYS OF COMPLETION OF FIELD TESTS. THE WRITTEN FIELD COMPACTION REPORT(S) SHALL BE IMMEDIATELY SUBMITTED TO THE CITY ENGINEERING INSPECTOR UPON COMPLETION OF THE FIELD TESTS.
- A PRECONSTRUCTION MEETING SHALL BE HELD AT THE SITE PRIOR TO THE BEGINNING OF WORK AND SHALL BE ATTENDED BY ALL REPRESENTATIVES RESPONSIBLE FOR CONSTRUCTION, INSPECTION, SUPERVISION, TESTING AND ALL OTHER ASPECTS OF THE WORK. THE CONTRACTOR SHALL SCHEDULE THE MEETING BY CALLING THE INSPECTION LINE AT (951) 572-3224 AT LEAST FIVE (5) WORKING DAYS PRIOR TO STARTING CONSTRUCTION. APPROVED DRAWINGS MUST BE AVAILABLE PRIOR TO SCHEDULING.
- ALL INSPECTION REQUESTS OTHER THAN FOR THE PRECONSTRUCTION MEETING WILL BE MADE BY CALLING THE BUILDING AND SAFETY INSPECTION REQUEST LINE AT (951) 572-3224. INSPECTION REQUESTS MUST BE RECEIVED PRIOR TO 2:00 P.M. ON THE DAY BEFORE THE INSPECTION IS NEEDED. INSPECTIONS WILL BE MADE THE NEXT WORK DAY UNLESS YOU REQUEST OTHERWISE. REQUESTS MADE AFTER 2:00 P.M. WILL BE SCHEDULED FOR TWO FULL WORK DAYS LATER.
- THE OWNER AND/OR APPLICANT THROUGH THE DEVELOPER AND/OR CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
- THE CONTRACTOR SHALL CONFORM TO LABOR CODE SECTION 6705 BY SUBMITTING A DETAIL PLAN TO THE CITY ENGINEER AND/OR CONCERNED AGENCY SHOWING THE DESIGN OF SHORING, BRACING, SLOPE OR OTHER PROVISIONS TO BE MADE OF WORKER PROTECTION FROM THE HAZARD OF COLLAPSE DURING THE EXCAVATION OF SUCH TRENCH OR TRENCHES OR DURING THE PIPE INSTALLATION THEREIN. THIS PLAN MUST BE PREPARED FOR ALL TRENCHES FIVE (5') OR MORE IN DEPTH AND APPROVED BY THE CITY ENGINEER AND/OR CONCERNED AGENCY PRIOR TO EXCAVATION. IF THE PLAN VARIES FROM THE SHORING SYSTEM STANDARDS ESTABLISHED BY THE CONSTRUCTION SAFETY ORDINANCES, TITLE 8 CALIFORNIA ADMINISTRATIVE CODE, THE PLAN SHALL BE PREPARED BY A REGISTERED ENGINEER AT THE CONTRACTORS EXPENSE. A COPY OF THE OSHA EXCAVATION PERMIT MUST BE SUBMITTED TO THE INSPECTOR PRIOR TO EXCAVATION.
- IF ANY ARCHAEOLOGICAL RESOURCES ARE DISCOVERED WITHIN ANY WORK ZONE DURING CONSTRUCTION, OPERATIONS WILL CEASE IMMEDIATELY, AND THE PERMITTEE WILL NOTIFY THE CITY ENGINEER. OPERATIONS WILL NOT RESTART UNTIL THE PERMITTEE HAS RECEIVED WRITTEN AUTHORITY FROM THE CITY ENGINEER TO DO SO.
- ALL OPERATIONS CONDUCTED ON THE SITE OR ADJACENT THERETO SHALL ADHERE TO THE NOISE ORDINANCE SET FORTH BY THE CITY MUNICIPAL CODE. ALL OPERATIONS SHALL BE LIMITED BY THE NOISE ORDINANCE TO THE LEVEL OF DECIBELS SPECIFIED FOR THE AREA AND TIME PERIOD. CONSTRUCTION ACTIVITIES WILL BE LIMITED TO THE PERIOD BETWEEN 7:00 A.M. AND 6:00 P.M. EACH DAY MONDAY THROUGH FRIDAY, UNLESS OTHERWISE PERMITTED.
- ALL OFF-SITE HAUL ROUTES SHALL BE SUBMITTED BY THE CONTRACTOR TO THE CITY ENGINEER FOR APPROVAL TWO FULL WORKING DAYS PRIOR TO BEGINNING OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEBRIS OR DAMAGE OCCURRING ALONG THE HAUL ROUTE OR ADJACENT STREETS AS A RESULT OF THE GRADING OPERATION.
- NO BLASTING SHALL BE COMMENCED WITHOUT A CITY ENGINEER APPROVED BLASTING PROGRAM AND BLASTING PERMIT.
- THE EXISTENCE AND LOCATION OF UTILITY STRUCTURES AND FACILITIES SHOWN ON THE CONSTRUCTION PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. ATTENTION IS CALLED TO THE POSSIBLE EXISTENCE OF OTHER UTILITY FACILITIES OR STRUCTURES NOT SHOWN OR IN A LOCATION DIFFERENT FROM THAT SHOWN ON THE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN ON THE PLANS AND ANY OTHER EXISTING FACILITIES OR STRUCTURES NOT SHOWN.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING FACILITIES (ABOVEGROUND AND UNDERGROUND) WITHIN THE PROJECT SITE SUFFICIENTLY AHEAD OF THE CONSTRUCTION TO PERMIT THE REVISIONS OF THE CONSTRUCTION PLANS IF IT IS FOUND THAT THE ACTUAL LOCATIONS ARE IN CONFLICT WITH THE PROPOSED WORK.
- THE CONTRACTOR SHALL NOTIFY AFFECTED UTILITY COMPANIES (SEE BELOW) AT LEAST TWO FULL WORKING DAYS PRIOR TO STARTING CONSTRUCTION NEAR THEIR FACILITIES AND SHALL COORDINATE WORK WITH A COMPANY REPRESENTATIVE.

CITY OF BEAUMONT	(951) 769-8520
EASTERN MUNICIPAL WATER DISTRICT	(951) 766-1810
UNDERGROUND SERVICE ALERT	(800) 422-4133
SOUTHERN CALIFORNIA GAS COMPANY	(909) 227-2620
SOUTHERN CALIFORNIA EDISON COMPANY	(909) 828-8270
BEAUMONT-CHERRY VALLEY WATER DISTRICT	(951) 845-9581
AIZC	(800) 892-9123
TIME WARNER CABLE	(760) 340-2225
COX COMMUNICATIONS	(888) 423-3913
- IN ACCORDANCE WITH THE CITY STORM WATER STANDARDS ALL STORM DRAIN INLETS CONSTRUCTED BY THIS PLAN SHALL INCLUDE "STENCILS" BE ADDED TO PROHIBIT WASTE DISCHARGE DOWNSTREAM. STENCILS SHALL BE ADDED TO THE SATISFACTION OF THE CITY ENGINEER.

GENERAL TRAFFIC SIGNAL NOTES:

- ALL MATERIAL AND WORK SHALL CONFORM TO THE LATEST EDITION OF THE CALTRANS STANDARD PLANS AND STANDARD SPECIFICATIONS (2018 RSP), CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2014), AND THESE SPECIAL PROVISIONS FOR THIS PROJECT.
- THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT, (800) 227-2600, AND ALL CONCERNED UTILITY COMPANIES AT LEAST TWO WORKING DAYS IN ADVANCE OF EXCAVATION. LOCATIONS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS ON THE JOB SITE PRIOR TO COMMENCING WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ALL DAMAGES OCCURRED DUE TO FAILURE TO LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES. HAND DIG AS NEEDED OR AS DIRECTED BY THE ENGINEER UNTIL CLEAR OF OBSTRUCTIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CLEAN UP ON CITY RIGHT-OF-WAY AFFECTED BY CONTRACTOR'S WORK. THE CONTRACTOR SHALL KEEP CITY RIGHT-OF-WAY CLEAN OF DEBRIS, WITH DUST AND OTHER NUISANCES BEING CONTROLLED AT ALL TIMES. METHOD OF STREET CLEANING SHALL BE DRY SWEEPING OF ALL PAVED AREAS. THERE SHALL BE NO STOCKPILING OF CONSTRUCTION MATERIAL WITHIN THE CITY RIGHT-OF-WAY WITHOUT THE PERMISSION OF THE ENGINEER.
- ANY EXISTING IMPROVEMENTS DAMAGED SHALL BE REMOVED AND REPLACED AS APPROVED BY THE CITY ENGINEER. PAVEMENT RESTORATIONS SHALL BE PER CITY OF BEAUMONT STANDARDS.
- SEE CALTRANS STANDARD PLAN ES-1A, ES-1B, AND ES-1C FOR SYMBOLS AND ABBREVIATION LEGENDS.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRAFFIC SIGNAL EQUIPMENT, SIGNS, AND STRIPING IN ACCORDANCE WITH THE PLANS AND SPECIAL PROVISIONS. ALL SIGNS SHALL BE REFLECTORIZED AND STANDARD SIZE UNLESS OTHERWISE NOTED.
- CONTROLLER CABINET AND SERVICE CABINET SHALL BE PLACED AT A MINIMUM OF 15 FEET APART.
- ELECTRICAL CONDUIT SHALL BE PLACED AT A MINIMUM OF 2 FEET FROM TELEPHONE CONDUIT.
- ALL PULL BOXES SHALL BE 3-INCH TYPE 3 SCHEDULE 80 PVC UNLESS OTHERWISE NOTED. ALL CONDUITS PLACED UNDER PAVING SHALL BE INSTALLED WITHOUT OPEN CUTTING.
- DETECTOR LOOPS SHALL BE CENTERED WITHIN THE DRIVING LANE UNLESS OTHERWISE NOTED. STRIPING LAYOUT (CAT-TRACKING) SHALL BE APPROVED BY THE CITY PRIOR TO DETECTOR LOOP INSTALLATION. ALL LOOP DETECTOR CONFIGURATIONS SHALL BE TYPE 'A' PER STANDARD PLAN ES-5B. ALL CURB TERMINATIONS SHALL BE TYPE 'A' PER STANDARD PLAN ES-5D. DETECTOR LOOP WIRES SHALL BE TESTED AND APPROVED PRIOR TO PULVING SLAGS.
- ALL CABLES AND CONDUCTORS SHALL BE CONTINUOUS WITH A MINIMUM OF 6 FEET OF SLACK INSIDE EACH PULL BOX UNLESS OTHERWISE NOTED. 20 FEET OF SIGNAL INTERCONNECT CABLE SLACK SHALL BE PROVIDED INSIDE THE CONTROLLER CABINET.
- TRAFFIC SIGNAL INTERCONNECT CABLE (SIC) SHALL BE 6-PAR, AWG #20 CABLE UNLESS OTHERWISE NOTED. TRAFFIC SIGNAL INTERCONNECT CONDUIT SHALL HAVE A MINIMUM FACTORY CONDUIT BEND RADIUS OF 36 INCH.
- ALL COMBINATION PEDESTRIAN AND VEHICLE SIGNAL INDICATIONS INCLUDING PV HEADS SHALL UTILIZE LIGHT EMITTING DIODE (LED) TECHNOLOGY. PEDESTRIAN SIGNAL HEADS SHALL BE THE COUNTDOWN TYPE.
- THE CONTRACTOR SHALL POST-HOLE BEFORE TRAFFIC SIGNAL POLES ARE ORDERED.
- TEMPORARY TRAFFIC CONTROL PLAN SHALL BE SUBMITTED FOR APPROVAL BY THE CITY ENGINEER PRIOR TO START ANY WORK.
- THE CONTRACTOR IS REQUIRED TO SUBMIT TO THE ENGINEER "AS-BUILT" PRINTS PRIOR TO THE CITY'S ACCEPTING THE INSTALLATIONS. THE PRINTS SHALL INCLUDE IN RED ALL DEVIATIONS FROM THE CONTRACT PLANS, SUCH AS LOCATION OF POLES, PULL BOXES AND RUNS, DEPTHS OF CONDUIT, NUMBER OF CONDUCTORS AND OTHER APPURTENANCE WORK FOR FUTURE REFERENCE.
- THE CONTRACTOR SHALL ALSO FURNISH CABINET INVENTORY SHEETS. THESE SHEETS SHALL INCLUDE SERIAL AND MODEL NUMBERS OF ALL EQUIPMENT CONTAINED IN THE CABINET.
- THE CONTRACTOR SHALL CREATE THE INITIAL SIGNAL SETTINGS AND TIMINGS FOR THE PROPOSED TRAFFIC SIGNAL CONTROLLER OPERATION. A COPY OF THE TIMING SHEET SHALL BE SUBMITTED TO THE CITY ENGINEER FOR APPROVED PRIOR TO ACCEPTANCE.
- ALL SALVAGED EQUIPMENT SHALL BE DELIVERED BY CONTRACTOR TO THE CITY OF BEAUMONT STORAGE YARD FACILITY AT 405 E 4TH STREET (SOUTHWEST CORNER OF 4TH AND G STREET). CONTRACTOR SHALL GIVE A 48-HOUR NOTICE TO THE CITY PRIOR TO ALL PICK-UP AND DELIVERY DATES.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN A BUILDING PERMIT (REIMBURSABLE FEE) FOR TRAFFIC SIGNAL METER INSTALLATION. ONCE THE PERMIT IS APPROVED AND BEEN ISSUED A GREEN TAG, THE CONTRACTOR SHALL CONTACT THE CITY OF BEAUMONT ENGINEERING DEPARTMENT TO AUTHORIZE SOUTHERN CALIFORNIA EDISON TO ENERGIZE THE TRAFFIC SIGNAL AND SAFETY LIGHTING.
- THE CONTRACTOR SHALL MAINTAIN PROPER ADA CLEARANCES AROUND ALL NEW POLES, CABINETS, OR ANY OTHER ABOVE-GROUND EQUIPMENT TO BE INSTALLED AS PART OF THIS PROJECT. ALL NEW POLES, CONDUIT, AND PULL BOXES SHALL BE INSTALLED OUTSIDE OF CURB ACCESS RAMPS OR FUTURE CURB ACCESS RAMPS LOCATIONS.

DECLARATION OF ENGINEER OF RECORD

I HEREBY DECLARE THAT IN MY PROFESSIONAL OPINION, THE DESIGN OF THE IMPROVEMENTS AS SHOWN ON THESE PLANS COMPLIES WITH THE CURRENT PROFESSIONAL ENGINEERING STANDARDS AND PRACTICES. AS THE ENGINEER IN RESPONSIBLE CHARGE OF THE DESIGN OF THESE IMPROVEMENTS, I ACCEPT FULL RESPONSIBILITY FOR SUCH DESIGN. I UNDERSTAND AND ACKNOWLEDGE THAT THE PLAN CHECK OF THESE PLANS BY THE CITY ENGINEER IS A REVIEW FOR THE LIMITED PURPOSE OF ENSURING THAT THESE PLANS COMPLY WITH CITY PROCEDURES AND OTHER APPLICABLE CODES AND ORDINANCES. THE PLAN REVIEW PROCESS IS NOT A DETERMINATION OF THE TECHNICAL ADEQUACY OF THE DESIGN OF THE IMPROVEMENTS. SUCH PLAN CHECK DOES NOT THEREFORE RELIEVE ME OF MY DESIGN RESPONSIBILITY.

AS THE ENGINEER OF RECORD, I AGREE TO DEFEND AND INDEMNIFY THE CITY OF BEAUMONT, ITS OFFICERS, ITS AGENTS, ITS EMPLOYEES FROM ANY AND ALL LIABILITY, CLAIMS, DAMAGES, OR INJURIES TO ANY PERSON OR PROPERTY ARISING FROM NEGLIGENT ACTS, ERRORS OR OMISSIONS OF THE ENGINEER OR RECORD. HIS EMPLOYEES, HIS AGENTS OR HIS CONSULTANTS.

SIGNATURE: TJ Wheat DATE: 08/19/2020

LICENSE No. 69467 EXP. DATE: 6/30/22

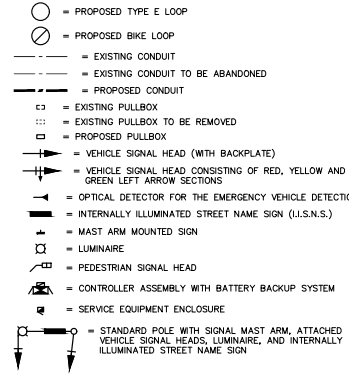
OWNER INFORMATION:

LASSEN DEVELOPMENT PARTNERS, LLP
1300 QUAL STREET, SUITE 100
NEWPORT BEACH, CA 92660
PHONE: (949) 833-0222
FAX: (949) 833-1860

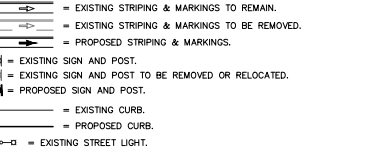
GENERAL SIGNING & STRIPING NOTES:

- TRAFFIC SIGNING AND STRIPING, LEGENDS AND DELINEATOR SHALL CONFORM TO THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) 2014 REV. 142, THE 2018 STANDARD PLANS AND THE 2018 STANDARD SPECIFICATIONS OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION. PAVEMENT LEGEND, ARROWS, MARKINGS, STRIPING, DELINEATOR, AND SIGNS WITHIN THE CITY RIGHT-OF-WAY SHALL MATCH CITY STANDARDS AND STENCILS. THESE ITEMS WITHIN CALTRANS RIGHT-OF-WAY SHALL COMPLY WITH CALTRANS STANDARDS.
- REFLECTORIZER ALL STRIPES AND LEGENDS. PAVEMENT LEGENDS AND MARKING SHALL MATCH CITY STENCILS.
- ALL CONFLICTING LINES, EXISTING CURB PAINT, AND MARKINGS SHALL BE REMOVED BY NET SANDBLASTING OR OTHER APPROVED METHOD PRIOR TO INSTALLATION OF NEW STRIPING. ALL CONFLICTING EXISTING PAVEMENT MARKERS SHALL BE REMOVED. PAVEMENT THAT IS DAMAGED DUE TO REMOVAL OF MARKERS SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY OF BEAUMONT ENGINEERS.
- UPON FINAL ROLLING OF NEW PAVEMENT LINES SHALL BE CAT TRACKED TO THE SATISFACTION OF THE CITY ENGINEER AND CALTRANS. CAT TRACKING SHALL BE MAINTAINED UNTIL STRIPING WORK BEGINS.
- FIRST STRIPING COAT SHALL BE APPLIED WITHIN 24 HOURS OF SURFACE COURSE PLACEMENT ON STREETS OPEN TO PUBLIC. IN NO CASE SHALL A NEWLY PAVED STREET OPEN TO THE PUBLIC BE LEFT UNSTRIPED OVER A WEEKEND OR HOLIDAY.
- NEW SIGN POST SHALL BE GALVANIZED STEEL, EASY ERECT BREAKAWAY, OR STEEL TUBING WITH BREAKAWAY BASE, "UNI-STRUT" OR APPROVED EQUAL, UNLESS OTHERWISE NOTED. SIGN SHALL BE MOUNTED ON STREET LIGHT POLES WHENEVER FEASIBLE. ALL POSTS WITHIN STATE R/W SHALL BE WOOD.
- ALL DIMENSIONS ARE IN FEET UNLESS NOTED OTHERWISE.
- ALL LANE WIDTHS SHALL BE MEASURED FROM THE CENTERLINE OF THE STRIPING TO CURB OR EDGE OF PAVEMENT
- ALL NEW STRIPING AND PAVEMENT MARKINGS MUST BE THERMOPLASTIC.

TRAFFIC SIGNAL SYMBOL LEGEND:



SIGNING AND STRIPING SYMBOL LEGEND:

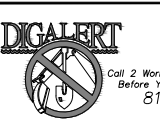


PRIVATE ENGINEER'S NOTICE TO CONTRACTOR(S):

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN, AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS, AND IS RESPONSIBLE FOR THE PROTECTION OF AND ANY DAMAGE TO THESE LINES OR STRUCTURES.

THE ESTIMATED QUANTITIES HEREON ARE ONLY FOR THE PURPOSE OF OBTAINING THE NECESSARY PERMITS, AND DOES NOT GUARANTEE THE ACCURACY OF THE ESTIMATED QUANTITIES. THE CONTRACTOR SHALL PERFORM HIS OWN QUANTITY TAKE OFF BEFORE SUBMITTING A BID FOR ANY PORTION OF THE IMPROVEMENTS COVERED BY THESE PLANS. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT DISCREPANCIES TO THE ENGINEER PRIOR TO COMMENCEMENT. THE CONTRACTOR SHALL ADHERE TO REGULATIONS REGARDING THE WORK PER SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE NO. 403.

THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING AFTER CITY APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.



BY	DATE	DESCRIPTION	APPR.	DATE
MARK	08/19/2020			
REVISIONS				
ENGINEER				

TJW ENGINEERING, INC.
Traffic Engineering & Transportation Planning Consultants
8 Venture, Suite 225, Irvine, CA 92618
T: (949) 878-3500 F: (949) 878-3593
www.tjwengineering.com

SIGNATURE: TJ Wheat DATE: 08/19/2020

LICENSE No. 69467 EXP. DATE: 6/30/22

DESIGNER BY: TJW
DRAWN BY: JE
CHECKED BY: JE
SCALE: T/W
DATE: 08/19/2020
JOB NUMBER: T-20-008



Reviewed By: Staff Engineer Date: 08/27/2020

Recommended for Approval By: Administrative Engineer Date: 08/27/2020

Approved By: John P. Hertz Date: 09/22/2020
City Engineer/Inspector of Public Works

CITY OF BEAUMONT, PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

DATE: 08/19/2020
JOB NUMBER: T-20-008

CITY OF BEAUMONT, CALIFORNIA

TITLE SHEET
TRAFFIC SIGNAL & SIGNING AND STRIPING PLANS
POTRERO BLVD AT 4TH STREET

SHEET 1 OF 3 SHEETS
FILE NO. 3321

STREET IMPROVEMENT PLAN

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 User: H:\HW\3321\3321.dwg Plot Date: 08/19/2020 3:42:42 PM

SPEC. YEAR	CONDITION	POLE	STANDARDS		VEH. SIGNAL MTC.		PED. SIG.		P.P.R.		POLE LOC.		L.E.D.		INTERNALLY ILLUMINATED STREET NAME SIGN (U.S.N.S.)	COMMENTS
			TYPE	HEIGHT	SIGNAL MA. LUMIN. MA.	MAST ARM	POLE	MTC.	#	QAO	A	B	LUMINARE			
2018 RSP	(N)	(A)	26-4-100	30'	45"	15'	MAS	SV-1-T	SP-1-T	-	-	9'	9'	157W EQ.	Potrero Blvd	F=16"
2018 RSP	(N)	(A)	1-A	10'	-	-	-	TV-1-T	-	-	6	3	14'	6'	157W EQ.	-
2018 RSP	(N)	(C)	29-5-100 **	30'	-	15'	-	-	-	-	6	3	14'	6'	157W EQ.	-
2018 RSP	(N)	(A)	1-A	10'	-	-	-	TV-2-T	SP-1-T	-	-	12'	6'	-	-	-
2018 RSP	(N)	(C)	26-4-100	30'	40'	15'	2-MAS	SV-2-TA	-	-	AS SHOWN	4'	157W EQ.	Potrero Blvd	F=16"	
2018 RSP	(N)	(C)	29-5-100	30'	55'	15'	MAS-4B	SV-1-T	SP-1-1017	-	-	AS SHOWN	4'	157W EQ.	4th Street	F=16"

EXACT POLE LOCATIONS DETERMINED BY FIELD ENGINEER; POTHOLE POLE FOUNDATIONS PRIOR TO ORDERING POLES
 * = FURNISH AND INSTALL TENON MOUNT FOR FUTURE TRAFFIC SIGNAL HEAD.
 ** = FUTURE 55' MAST ARM
 (N)=NEW (E)=EXISTING (RL)=RELOCATE (RS)=REMOVE AND SALVAGE

CONSTRUCTION NOTES:

- FURNISH AND INSTALL TYPE 2070E CONTROLLER WITH 2033 PROGRAM HOUSED IN A TYPE 332L CABINET, WITH (8) 2-CHANNEL LED SENSORS, (4) FID ISOLATION UNITS, MODERN WIRELESS BROADBAND COMMUNICATION, DRAWER, LED CABINET LIGHT, CONFLICT MONITOR UNIT AND GPS TIME CLOCK. FURNISH AND INSTALL GTI MODEL 762 BACK MOUNTED PHASE SELECTOR EQUIPMENT INTO CONTROLLER CABINET. INSTALL EXTERNAL MOUNTED BATTERY BACKUP SYSTEM TO BE PAID BY CONTRACTOR PER CALTRANS SPECIFICATIONS. INSTALL ALL OTHER NECESSARY EQUIPMENT TO ACCOMMODATE OPERATION PER PHASE DIAGRAM. FINAL LOCATION TO BE DETERMINED BY ENGINEER IN THE FIELD.
- FURNISH AND INSTALL TYPE III-67 120V/240V DUAL METER SERVICE EQUIPMENT ENCLOSURE. SIGNAL AND ISSS TO BE CONNECTED TO ONE METER AND SAFETY LIGHTING TO BE CONNECTED TO SECOND METER. THE CONTRACTOR SHALL PROVIDE FOR ALL REQUIRED ELECTRICAL SERVICE HOOK-UPS.
- FURNISH AND INSTALL 3" PVC W/PULL ROPE PER S.C.E. REQUIREMENTS. CONDUCTORS BY S.C.E. CONTACT S.C.E. SERVICE PLANNER, ALEX ACEVEDO AT (909) 557-7463, ALEXACEVEDO@SCC.COM, 48 HOURS BEFORE BEGINNING WORK.
- FURNISH AND INSTALL MAST ARM MOUNTED SIGN PER CALTRANS STANDARD PLAN ES-7N, DETAIL U.
- FURNISH AND INSTALL 2" C-PAIR #19 SIGNAL INTERCONNECT CABLE (S.I.C) INTO CONTROLLER CABINET.
- INSTALL 6-PAIR #19 SIGNAL INTERCONNECT CABLE (S.I.C) INTO 2" CONDUIT TO PRIME DRIVE.
- INSTALL 2" C/W WITH (2)#10 FOR LIGHTING TO SERVICE PEDESTAL.
- INSTALL 2" C/W WITH (3)#6 FOR DETECTOR AND (2)#12 FOR U.S.N.S.
- FURNISH AND INSTALL GTI OPTICOM DETECTOR MODEL 721, GTI MODEL 138 DETECTOR CABLE, SEE DETAIL 'B'.
- FURNISH AND INSTALL 2" C/W WITH 6-PAIR TWISTED #19 SIGNAL INTERCONNECT CABLE (S.I.C), TO PRIME DRIVE.
- FURNISH AND INSTALL POLE MOUNTED SIGN PER CALTRANS STANDARD PLAN RS4.
- ABANDON, IF APPLIED TO CONDUIT, REMOVE CONDUCTORS.
- INSTALL PULL BOX IN EXISTING CONDUIT RUN.
- INSTALL CONDUIT INTO EXISTING PULL BOX.
- CONNECT NEW AND EXISTING CONDUIT.
- REMOVE OR MATERIAL TO BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR.

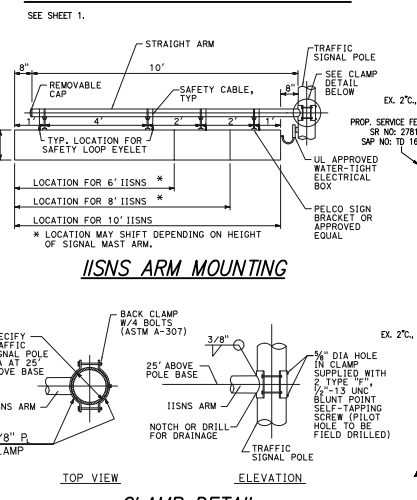
PROPOSED SENSOR SCHEDULE

SLOT	POSITION	CHANNEL	SLOT	POSITION	CHANNEL
11	U	212U	J1	L	213L
	L	212L	J1	L	213L
12	L	539U	J2	U	214U
	L	539L	J2	L	214L
13	L	418U	J3	L	47U
	L	418L	J3	L	47L
14	L	735L	J4	L	48U
	L	739L	J4	L	48L
15	L	622U	J5	L	633L
	L	622L	J5	L	633U
16	L	111L	J6	L	64L
	L	119U	J6	L	64U
17	L	817U	J7	L	816U
	L	817L	J7	L	816L
18	L	315L	J8	U	817U
	L	319L	J8	U	817L
19	L	VD COM	J9	L	SP
	U	VD COM	J9	L	SP
110	L	VD COM	J10	L	DL
	U	VD COM	J10	L	DL
111	L	-	J11	L	EVA-82
	U	82 BIKE	J11	L	EVA-84
112	L	-	J12	L	EVA-86
	U	86 BIKE	J12	L	EVA-88
113	L	-	J13	L	MN ADV
	U	86 PED.	J13	L	MN EN
114	L	-	J14	L	FLASH SIGN
	L	-	J14	L	STOP TIME

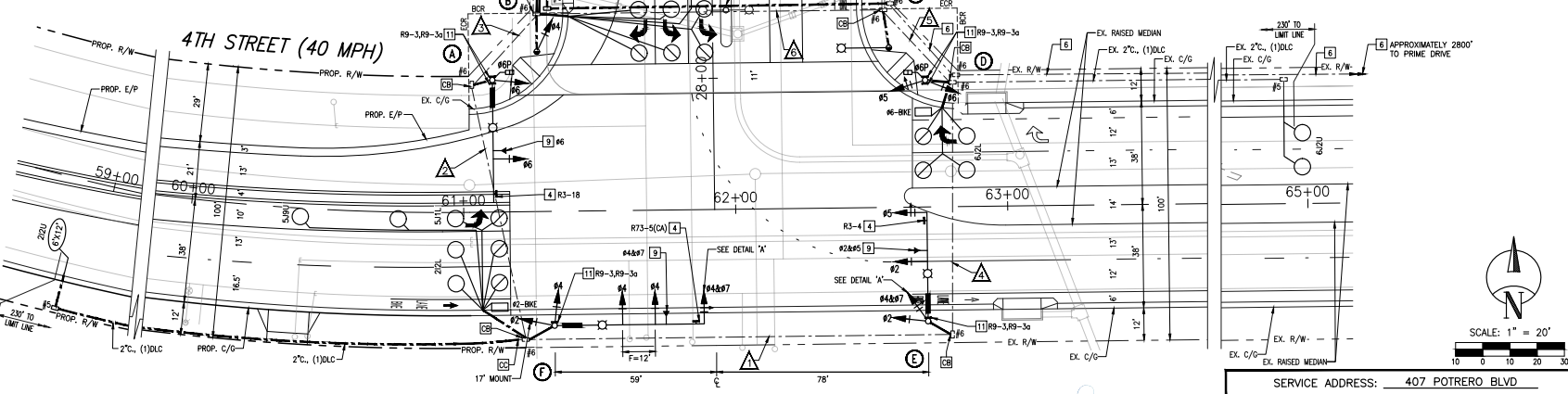
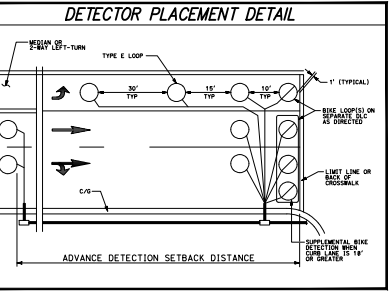
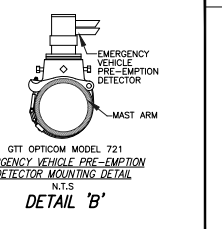
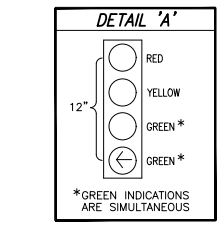
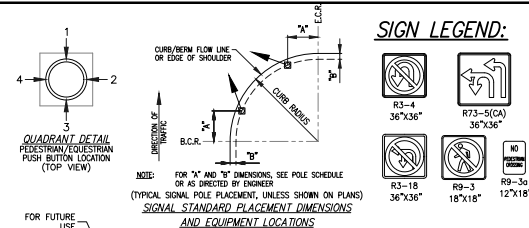
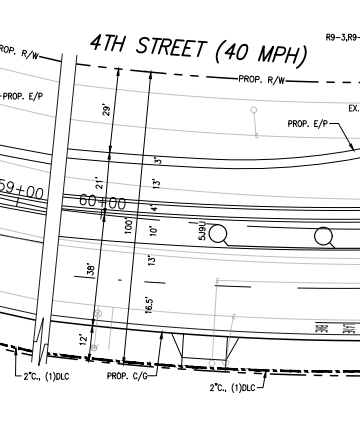
BENCHMARK:
 THE BENCHMARK INFORMATION IS BASED ON THE CALIFORNIA STATE PLANNING AND REVENUE AGENCY'S (CSPRA) BENCHMARK DATA. THE BENCHMARK DATA IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE BENCHMARK DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES.
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GENERAL TRAFFIC SIGNAL NOTES:



CLAMP DETAIL



DESIGNER: T.J.W. ENGINEERING, INC. Traffic Engineering & Transportation Planning Consultants
 8 Venture, Suite 225, Irvine, CA 92618
 T: (949) 578-3500 F: (949) 578-3559
 www.tjwengineering.com

DESIGNED BY: JC
DRAWN BY: JC
CHECKED BY: JC
SCALE: 1"=20'
DATE: 08/19/2020
JOB NUMBER: TR-20-008

Reviewed By: [Signature] Date: 08/27/2020
Recommended for Approval By: [Signature] Date: 08/27/2020
Approved By: [Signature] Date: 09/22/2020

CITY OF BEAUMONT, CALIFORNIA
 SERVICE ADDRESS: 407 POTRERO BLVD
TRAFFIC SIGNAL PLAN FOR POTRERO BOULEVARD AT 4TH STREET
 STREET IMPROVEMENT PLAN

SCALE: 1" = 20'

SHEET 2 OF 3 SHEETS FILE NO: 3321

BY	MARK	DESCRIPTION	APPR.	DATE

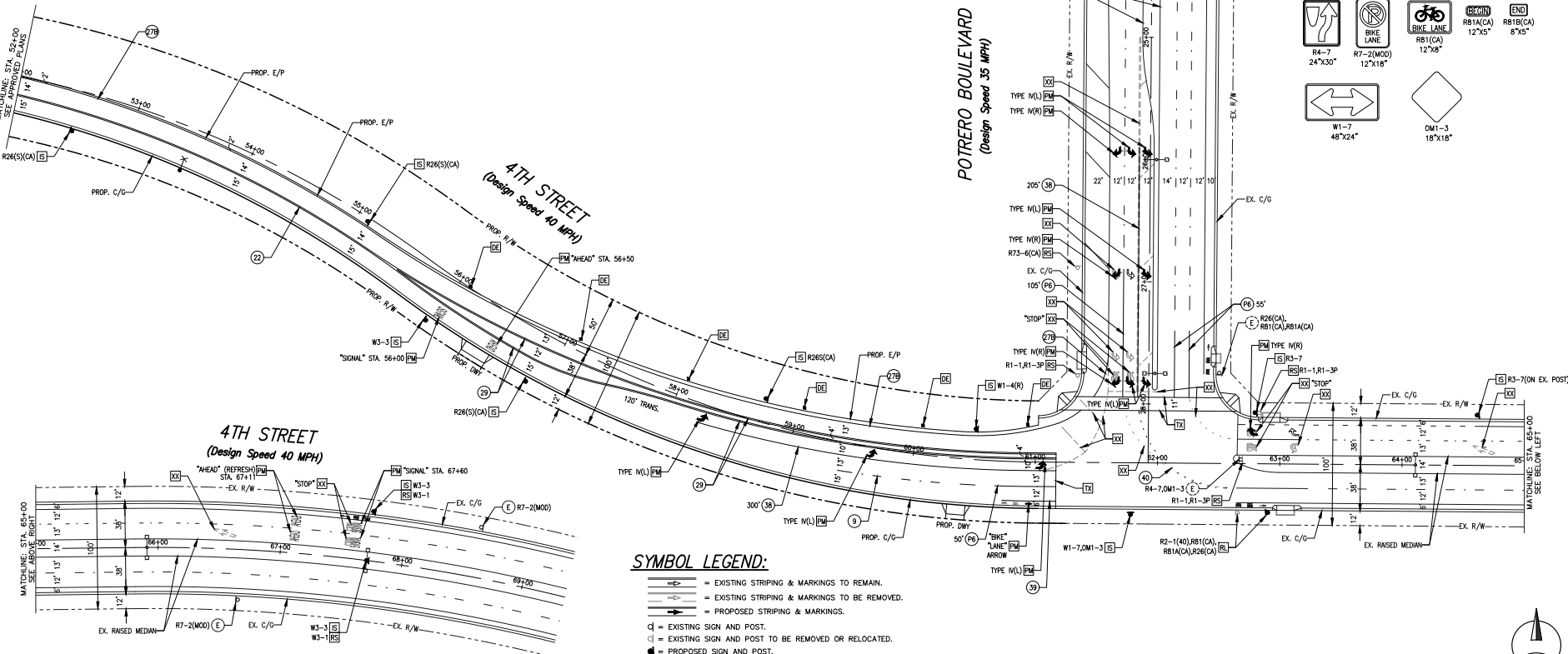
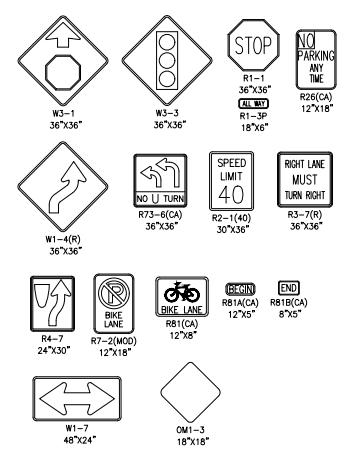
GENERAL NOTES:

- TRAFFIC SIGNING AND STRIPING, LEGENDS AND DELINEATOR SHALL CONFORM TO THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) 2014 REV. 1&2, THE 2018 STANDARD PLANS AND THE 2018 STANDARD SPECIFICATIONS OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION. PAVEMENT LEGEND, ARROWS, MARKINGS, STRIPING, DELINEATION, AND SIGNS WITHIN THE CITY RIGHT-OF-WAY SHALL MATCH CITY STANDARDS AND STENCILS. THESE ITEMS WITHIN CALTRANS RIGHT-OF-WAY SHALL COMPLY WITH CALTRANS STANDARDS.
- REFLECTORIZED ALL STRIPES AND LEGENDS. PAVEMENT LEGENDS AND MARKING SHALL MATCH CITY STENCILS.
- ALL CONFLICTING LINES, EXISTING CURB PAINT, AND MARKINGS SHALL BE REMOVED BY WET SANDBLASTING OR OTHER APPROVED METHOD PRIOR TO INSTALLATION OF NEW STRIPING. ALL CONFLICTING RAISED PAVEMENT MARKERS SHALL BE REMOVED. PAVEMENT THAT IS DAMAGED DUE TO REMOVAL OF MARKERS SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY OF BEAUMONT ENGINEERS.
- UPON FINAL ROLLING OF NEW PAVEMENT LINES SHALL BE CAT TRACKED TO THE SATISFACTION OF THE CITY ENGINEER AND CALTRANS. CAT TRACKING SHALL BE MAINTAINED UNTIL STRIPING WORK BEGINS.
- FIRST STRIPING COAT SHALL BE APPLIED WITHIN 24 HOURS OF SURFACE COURSE PLACEMENT ON STREETS OPEN TO PUBLIC. IN NO CASE SHALL A NEWLY PAVED STREET OPEN TO THE PUBLIC BE LEFT UNSTRIPED OVER A WEEKEND OR HOLIDAY.
- NEW SIGN POST SHALL BE GALVANIZED STEEL, EASY ERECT BREAKAWAY, OR STEEL TUBING WITH BREAKAWAY BASE, "JUN-STRUT" OR APPROVED EQUAL, UNLESS OTHERWISE NOTED. SIGN SHALL BE MOUNTED ON STREET LIGHT POLES WHENEVER FEASIBLE. ALL POSTS WITHIN STATE R/W SHALL BE WOOD.
- ALL DIMENSIONS ARE IN FEET UNLESS NOTED OTHERWISE.
- ALL LANE WIDTHS SHALL BE MEASURED FROM THE CENTERLINE OF THE STRIPING TO CURB OR EDGE OF PAVEMENT.
- ALL NEW STRIPING AND PAVEMENT MARKINGS MUST BE THERMOPLASTIC.

SIGNING AND STRIPING CONSTRUCTION NOTES:

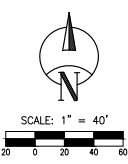
(E)	EXISTING SIGN TO REMAIN.
(S)	INSTALL SIGN AND POST.
(PM)	INSTALL THERMOPLASTIC PAVEMENT MARKING AS SHOWN PER CA-MUTCD STANDARDS.
(RL)	RELOCATE EXISTING SIGN AND POST.
(RS)	REMOVE AND SALVAGE EXISTING SIGN AND POST.
(DE)	INSTALL CLASS 1, TYPE F DELINEATOR AS SHOWN PER CA-MUTCD STANDARDS.
(TX)	INSTALL THERMOPLASTIC 12" SOLID WHITE LIMIT LINE OR CROSSWALK PER CA-MUTCD STANDARDS.
(XX)	REMOVE CONFLICTING STRIPING OR MARKINGS BY WET SANDBLASTING PROCESS.
(P6)	INSTALL THERMOPLASTIC 6" SOLID WHITE LANE LINE STRIPE.
(9)	INSTALL THERMOPLASTIC 6" WHITE LANE LINE SKIP STRIPE PER CALTRANS STD. PLAN A20A - DETAIL 9.
(22)	INSTALL THERMOPLASTIC 6" DOUBLE YELLOW CENTERLINE STRIPE PER CALTRANS STD. PLAN A20A - DETAIL 22.
(27B)	INSTALL THERMOPLASTIC 6" WHITE RIGHT EDGE LINE STRIPE PER CALTRANS STD. PLAN A20B - DETAIL 27B.
(36)	INSTALL THERMOPLASTIC 6" WHITE CHANNELIZING LANE LINE STRIPE PER CALTRANS STD. PLAN A20D - DETAIL 36.
(39)	INSTALL THERMOPLASTIC 6" WHITE BIKE LANE STRIPE PER CALTRANS STD. PLAN A20D - DETAIL 39.
(40)	INSTALL THERMOPLASTIC 6" WHITE EXTENSION LANE LINE PER CALTRANS STD. PLAN A20D - DETAIL 40.

SIGN LEGEND:



SYMBOL LEGEND:

- = EXISTING STRIPING & MARKINGS TO REMAIN.
- = EXISTING STRIPING & MARKINGS TO BE REMOVED.
- = PROPOSED STRIPING & MARKINGS.
- = EXISTING SIGN AND POST.
- = EXISTING SIGN AND POST TO BE REMOVED OR RELOCATED.
- = PROPOSED SIGN AND POST.
- = EXISTING CURB.
- = PROPOSED CURB.
- = EXISTING STREET LIGHT.



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BENCHMARK:

THE BEAUMONT ENGINEERS ARE BASED ON THE CALIFORNIA STATE PLANE COORDINATE SYSTEM. COORDINATE INFORMATION FOR THIS PROJECT IS PROVIDED FOR YOUR INFORMATION. THESE COORDINATES ARE NOT TO BE USED FOR ANY OTHER PURPOSES. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THESE COORDINATES. SEE THE CALIFORNIA DEPARTMENT OF TRANSPORTATION'S (CALTRANS) STANDARD SPECIFICATIONS (SECTION 100.00) FOR MORE INFORMATION.

BASIS OF BEARINGS:

THE BEARINGS SHOWN HEREON ARE BASED ON THE CALIFORNIA STATE PLANE COORDINATE SYSTEM. COORDINATE INFORMATION FOR THIS PROJECT IS PROVIDED FOR YOUR INFORMATION. THESE COORDINATES ARE NOT TO BE USED FOR ANY OTHER PURPOSES. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THESE COORDINATES. SEE THE CALIFORNIA DEPARTMENT OF TRANSPORTATION'S (CALTRANS) STANDARD SPECIFICATIONS (SECTION 100.00) FOR MORE INFORMATION.

BY	MARK	DESCRIPTION	APPR.	DATE

TJW ENGINEERING, INC.
Traffic Engineering & Transportation Planning Consultants
8 Venture, Suite 225, Irvine, CA 92618
t: (949) 978-3509 f: (949) 978-3503
www.tjwengineering.com

SEAL:

THOMAS JOSEPH WHEAT
E.C.E. No. 69867 - EXPIRE: 6/30/22

DESIGN BY: JC
DRAWN BY: JC
CHECKED BY: TJW
SCALE: 1/40
DATE: 08/19/2020
JOB NUMBER: TR-20-008

CITY OF BEAUMONT
CALIFORNIA
INC. NOV. 18, 1902

Reviewed By: Date: 08/27/2020
Recommended for Approval By: Date: 08/27/2020
Approved By: Date: 09/22/2020

CITY OF BEAUMONT, PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

CITY OF BEAUMONT, CALIFORNIA
SIGNING AND STRIPING PLAN
FOR
4TH STREET
STA. 52+00 TO STA. 69+00
STREET IMPROVEMENT PLAN

SHEET
3
OF 3 SHEETS
FILE NO. **3321**

Print Date: 08/19/2020 3:58:17 PM
User: HHHHHHHHHH
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