

GENERAL NOTES

- ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE FOLLOWING: CURRENT CITY OF STOCKTON STANDARD SPECIFICATIONS AND PLANS, INCLUSIVE OF ALL CURRENT REVISIONS AND AMENDMENTS, CALIFORNIA DEPARTMENT OF TRANSPORTATION CURRENT STANDARD PLANS AND SPECIFICATIONS (CALTRANS), INCLUSIVE OF ALL CURRENT REVISIONS AND AMENDMENTS, AND CA-MUTCD LATEST EDITION, INCLUSIVE OF ALL CURRENT REVISIONS AND AMENDMENTS THERETO. WHERE THERE IS A CONFLICT BETWEEN THE PLANS AND THE CITY'S STANDARD SPECIFICATIONS AND PLANS, THE CITY OF STOCKTON STANDARD SPECIFICATIONS AND PLANS SHALL PREVAIL. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING THE IMPROVEMENTS IN ACCORDANCE WITH THE ABOVE-MENTIONED STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE COMPLETE WORK SCOPE AND ALL RELATED CONDITIONS PRIOR TO BID. ANY QUESTIONS OR DISCREPANCIES WITH THE INFORMATION SHOWN HEREIN MUST BE DIRECTED TO THE ENGINEER PRIOR TO BID.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTIONS AND COMPLETION OF THE PROJECT AND SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS AND CONDITIONS OF ALL PERMITS AND APPROVALS APPLICABLE TO THIS PROJECT. THE CONTRACTOR SHALL ENSURE THAT THE NECESSARY PERMITS AND/OR LICENSES ARE SECURED PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY OF STOCKTON FOR ANY WORK DONE WITHIN CITY RIGHTS-OF-WAY OR ON CITY-OWNED FACILITIES WITHIN AN EASEMENT. CONTRACTOR SHALL CALL THE PERMIT CENTER AT (209) 937-8366 TO REQUEST A CONTROL NUMBER AND ACTIVATE THE PERMIT NO LESS THAN 24 HOURS, BUT NOT IN EXCESS OF 72 HOURS PRIOR TO START OF WORK.
- ALL STATIONS REFER TO DISTANCES ALONG STREET CENTERLINE, UNLESS OTHERWISE NOTED. ALL STATIONS OFF CENTERLINE ARE PERPENDICULAR TO OR RADIIALLY OPPOSITE CENTERLINE STATIONS.
- THE CONTRACTOR SHALL RECEIVE PRIOR APPROVAL FROM THE ENGINEER FOR ANY EXTRA WORK. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ENGINEER AT NO ADDITIONAL COST TO THE CITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FROM DAMAGE ALL EXISTING AND NEWLY PLACED IMPROVEMENTS THAT ARE TO REMAIN. SUCH IMPROVEMENTS THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT NO ADDITIONAL COST TO THE CITY.
- THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY AND SECURITY OF JOB SITE, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT DRAWINGS SHOWING THE FINAL LOCATION OF FINAL IMPROVEMENTS. AS-BUILT DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR.
- PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER, ONE SET OF NEATLY MARKED AS-BUILT DRAWINGS. AS-BUILT DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS-BUILT DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS REDLINED AS A PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL ACCEPTANCE.
- ALL TRENCH EXCAVATION SHALL BE IN ACCORDANCE WITH SECTION 7 OF THE CITY OF STOCKTON STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, SLOPING OR OTHER PROVISIONS NECESSARY TO PROTECT WORKERS FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF 5' OR MORE. EXCAVATIONS OF 5 FEET OR MORE IN DEPTH WILL REQUIRE AN EXCAVATIONS PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR TRENCHES 5 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH SECTION 7-1.02k(6)(b) OF THE CALTRANS STANDARDS, SECTION 6705 OF THE STATE OF CALIFORNIA LABOR CODE, AND ANY LOCAL CODES OR ORDINANCES.
- ATTENTION IS CALLED TO: SECTION 1541(b)(1) OF THE CONSTRUCTION SAFETY ORDERS (CALIFORNIA CODE OF REGULATIONS, TITLE 8), ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973, WHICH STATES: "THE APPROXIMATE LOCATION OF SUBSURFACE INSTALLATIONS, SUCH AS SEWER, TELEPHONE, FUEL, ELECTRIC, WATER LINES, OR ANY OTHER SUBSURFACE INSTALLATIONS THAT REASONABLY MAY BE EXPECTED TO BE ENCOUNTERED DURING EXCAVATION WORK, SHALL BE DETERMINED BY THE EXCAVATOR PRIOR TO OPENING AN EXCAVATION."
- PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE IN THE FIELD THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) 48 HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER (800) 227-2600.
- IT SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF HIS CONTRACT. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW OR MODIFIED STRUCTURES, UTILITIES AND SERVICES WITHIN THE PROJECT LIMITS.
- THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, CONTROL POINTS, REFERENCE POINTS AND ALL SURVEY MONUMENTS, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERROR CAUSED BY HIS UNNECESSARY LOSS OR DISTURBANCE. THE CONTRACTOR SHALL CONSULT WITH A LICENSED LAND SURVEYOR OR CIVIL ENGINEER LICENSED TO PRACTICE LAND SURVEYING IN CALIFORNIA PRIOR TO BEGINNING CONSTRUCTION TO ENSURE THAT ANY PRECONSTRUCTION CORNER RECORDS, AS REQUIRED BY THE STATE OF CALIFORNIA PROFESSIONAL LAND SURVEYOR ACT HAVE BEEN FILED WITH THE COUNTY SURVEYOR, PURSUANT TO SECTION 8771(g-f) OF THE CALIFORNIA BUSINESS AND PROFESSION CODE.
- ALL WORK IN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE APPROVAL AND ACCEPTANCE OF THE ENGINEER.
- PRIOR TO PLACEMENT OF ANY FINISH ASPHALT CONCRETE OR CONCRETE, THE CONTRACTOR SHALL VERIFY ALL FINISH GRADES AND SLOPES FOR COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND OBTAIN APPROVAL AND ACCEPTANCE BY THE ENGINEER.
- THE CONTRACTOR SHALL LAYOUT IMPROVEMENTS FROM THE DIMENSIONS SHOWN ON THE PLANS. ANY CLARIFICATION OR CONFLICTS, DISCREPANCIES OR AMBIGUITIES SHALL BE DIRECTED TO THE ENGINEER PRIOR TO THE CONSTRUCTION OF THE IMPROVEMENTS.
- DUST CONTROL SHALL BE PERFORMED AT ALL TIMES, AT THE CONTRACTORS' EXPENSE, TO MINIMIZE ANY DUST NUISANCE AND SHALL BE IN ACCORDANCE WITH SECTION 10-5 OF CALTRANS STANDARD SPECIFICATIONS AND THE REQUIREMENTS OF THE CITY OF STOCKTON.
- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING WATER, SEWER, AND DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL NEW IMPROVEMENTS ARE IN PLACE AND FUNCTIONING, EXCEPT WHERE OTHERWISE APPROVED.
- INGRESS AND EGRESS BY PROPERTY OWNERS, BUSINESSES, AND OTHERS SHALL BE PROVIDED AT ALL TIMES DURING THE COURSE OF CONSTRUCTION UNLESS OTHERWISE APPROVED OR SPECIFIED.
- SIDEWALK REMOVAL SHALL BE TO THE NEAREST SCORE MARK OR AS DETERMINED BY THE ENGINEER. CONTRACTOR SHALL NEATLY SAW-CUT CONCRETE WHERE PULL BOXES ARE TO BE PLACED AND SHALL RESTORE THE SLAB TO MATCH THE EXISTING CONDITION.

TRAFFIC SIGNAL AND ELECTRICAL NOTES

- INSTALLATION OF NEW CONDUCTORS INTO EXISTING CONDUIT SHALL BE IN ACCORDANCE WITH SECTION 77-1.12 OF THE SPECIAL PROVISIONS. PRIOR TO INSTALLATION OF NEW CONDUCTORS/CABLES IN EXISTING CONDUITS, THE CONTRACTOR SHALL USE CABLE LOOSENER TO LOOSEN THE CONDUITS. THE CONTRACTOR SHALL ALSO USE PULLING LUBRICANT FOR PULLING WIRES, AND A PULL TAPE CONFORMING TO THE PROVISION DESCRIBED UNDER 'CONDUIT'; ELSEWHERE IN THE SPECIAL PROVISIONS.
- POLES, PULL BOXES, DETECTOR HANDHOLES, INDUCTIVE LOOPS AND CONTROLLER CABINET LOCATIONS SHALL BE LOCATED IN THE FIELD BY THE CONTRACTOR WITH THE APPROVAL OF THE CITY TRAFFIC ENGINEER. TYPICALLY, DETECTOR HANDHOLES SHOULD BE INSTALLED ON LANE LINES.
- CONTRACTOR SHALL MEET GENERAL ORDER (G.O.) 95 REQUIREMENTS AND LOCATE FOUNDATIONS SO AS TO PROVIDE A MINIMUM OF 6' RADIAL CLEARANCE FROM ALL EQUIPMENT TO OVERHEAD POWER LINES (PRIMARY) AND A MINIMUM OF 3' RADIAL CLEARANCE TO COMMON NEUTRAL LINES. SIGNAL POLES SHALL BE LOCATED TO PROVIDE A MINIMUM OF 10' RADIAL CLEARANCE TO PRIMARY LINES. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH WORKING WITHIN THE 10' RADIAL CLEARANCE ZONE.
- CONDUIT ROUTING SHOWN IS DIAGRAMMATICALLY. CONTRACTOR SHALL LAYOUT RUNS TO SUIT FIELD CONDITIONS AND THE COORDINATION REQUIREMENTS OF UTILITIES OR ANY OTHER TRADES, AND TO THE SATISFACTION OF THE CITY OF STOCKTON. UPON COMPLETION OF CONDUIT INSTALLATION, THE ACTUAL LOCATION OF THE CONDUITS SHALL BE NOTED ON AN AS-BUILT SET OF PRINTS AND FURNISHED TO THE CITY.
- LABEL PEDESTRIAN AND SIGNAL COMMONS SEPARATELY IN THE CONTROLLER CABINET.
- ALL INFRARED EMERGENCY VEHICLE PREEMPTION (EVP)/TRANSIT SIGNAL PRIORITY (TSP) DETECTORS SHALL BE MOUNTED VERTICALLY.
- EXISTING TRAFFIC SIGNAL SYSTEMS SHALL BE KEPT IN OPERATION DURING THE PROGRESS OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE ENTIRE EXISTING SIGNAL SYSTEM FROM THE FIRST DAY CONTRACTOR STARTS WORKING ON THE PROJECT TO THE FINAL ACCEPTANCE.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST THREE (3) WORKING DAYS IN ADVANCE OF ANY REQUESTED SIGNAL SHUT-DOWN FOR REPLACEMENT OF THE CONTROLLER CABINET ASSEMBLY, RE-WIRING OF THE TRAFFIC SIGNAL, ETC. ALL REQUESTED SIGNAL SHUT-DOWNS ARE SUBJECT TO CITY APPROVAL. CONTRACTOR SHALL HAVE A PRE-APPROVED TRAFFIC CONTROL PLAN FROM THE CITY TRAFFIC ENGINEERING DIVISION BEFORE SCHEDULING SIGNAL SHUT-DOWN. TRAFFIC SIGNAL SHUT-DOWNS SHALL BE LIMITED TO PERIODS BETWEEN THE HOURS OF 9:00 AM AND 3:30 PM ON TUESDAYS THROUGH THURSDAYS ONLY (EXCLUDING HOLIDAYS), UNLESS GIVEN PRIOR APPROVAL FROM THE CITY TRAFFIC ENGINEER.
- FLASHING INDICATIONS SHALL FLASH IN RED ON ALL PHASES.

STRIPING AND SIGNAGE NOTES

- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, BARRICADES, SIGNS, FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
- THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL AND/OR DETOUR PLAN FOR APPROVAL BY THE CITY OF STOCKTON TRAFFIC ENGINEER PRIOR TO THE START OF CONSTRUCTION.
- ALL PAVEMENT MARKINGS, STRIPING AND CROSSWALKS SHALL BE THERMOPLASTIC.
- STRIPING SHALL BE IN STRICT CONFORMANCE WITH THE CA-MUTCD (LATEST EDITION) AND THE SPECIAL PROVISIONS SECTION 84. LONGITUDINAL STRIPING EXCLUDED, PAVEMENT MARKINGS SHALL CONFORM TO THE CALTRANS SPECIFICATIONS (LATEST EDITION) SECTION 84 AND THE CA-MUTCD (LATEST EDITION).
- SIGNING SHALL CONFORM TO THE CA-MUTCD (LATEST EDITION) AND CALTRANS SPECIFICATIONS (LATEST EDITION) SECTION 82.
- REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE REMOVED BY GRINDING PER CALTRANS STANDARD SPECIFICATIONS SECTION 84-9.
- CONTRACTOR SHALL INSTALL A BLUE REFLECTOR ON FIRE HYDRANT SIDE AT ALL FIRE HYDRANT LOCATIONS PER CA-MUTCD, SECTION 3B.11 AND FIGURE 3B-102.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF THREE (3) WORKING DAYS IN ADVANCE TO VERIFY THE LAYOUT AND CAT-TRACKING OF THE PROPOSED IMPROVEMENTS. CAT-TRACKING TO BE APPROVED BY TRAFFIC ENGINEERING PRIOR TO FINAL ACCEPTANCE OF STRIPING AND PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL ENSURE THAT THE APPROPRIATE STRIPING AND PAVEMENT MARKINGS ARE IN PLACE AT ALL TIMES. TEMPORARY STRIPING AND/OR PAVEMENT MARKINGS SHALL BE INSTALLED TO REPLACE ANY EXISTING STRIPING OR MARKINGS WHICH HAVE BEEN REMOVED. ANY CONFLICTING STRIPING SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR PRIOR TO REOPENING THE STREET TO TRAFFIC.
- THE CONTRACTOR SHALL REMOVE ANY EXISTING SIGNS IN CONFLICT WITH THESE PLANS AS DIRECTED BY THE CITY TRAFFIC ENGINEER. EXISTING STRIPING AND MARKINGS IN CONFLICT WITH THESE PLANS SHALL BE REMOVED BY THE CONTRACTOR. PAVEMENT SHALL BE REPAIRED IF DAMAGED IN CONJUNCTION WITH REMOVAL OF MARKERS.
- R30E (CA) 'NO PARKING' SIGNS ARE TO BE INSTALLED AT A 45° ANGLE FACING DIRECTION OF TRAFFIC FLOW. SIGN SIZE SHALL BE 18" X 24".
- ALL DIMENSIONS SHOWN ARE FROM FACE OF CURB, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL REPLACE ANY PAVEMENT DELINEATION AND TRAFFIC MARKINGS THAT ARE DAMAGED DURING THE COURSE OF WORK AT NO ADDITIONAL COST TO THE CITY.

TRAFFIC STAGING NOTES

- THE CONTRACTOR SHALL MAINTAIN ALL TRAFFIC CONTROL DEVICES AT ALL TIMES.
- ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED FROM VIEW WHEN NOT IN USE.
- THE ENGINEER HAS THE AUTHORITY TO INITIATE FIELD CHANGES AS NECESSARY IN THE INTEREST OF PUBLIC SAFETY.
- ROAD CLOSURES SHALL REQUIRE WRITTEN APPROVAL FROM THE ENGINEER.
- ALL NIGHT WORK WILL REQUIRE WRITTEN APPROVAL FROM THE ENGINEER. LANE CLOSURES, ROAD DETOURS, ROAD CLOSURES, AND TRAFFIC SIGNAL MODIFICATIONS ASSOCIATED WITH OVERNIGHT CONSTRUCTION ACTIVITIES WILL REQUIRE WARNING SIGNS BE PLACED AT LEAST ONE WEEK IN ADVANCE OF STARTING CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY LIGHTING DURING THE COURSE OF ALL NIGHT WORK.
- ALL WORKERS SHALL BE EQUIPPED WITH AN ORANGE SAFETY VEST (OR REFLECTIVE VEST AT NIGHT).
- TRENCHES MUST BE BACKFILLED OR PLATED DURING NON-WORKING HOURS.
- REFER TO SECTION 12 OF THE SPECIAL PROVISIONS REGARDING TEMPORARY ACCESS ROUTES FOR PEDESTRIANS (INCLUDING ADA) AND BICYCLISTS.
- TEMPORARY 'NO PARKING' SIGNS SHALL BE POSTED THREE (3) WORKING DAYS PRIOR TO COMMENCING WORK.
- ACCESS TO DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHER ARRANGEMENTS ARE MADE. SIGNS ON ROADWAY SHALL NOT BLOCK DRIVEWAY.

Feb 21, 2023 4:15pm - USER: andrew.wittner - k:\proj\2023\022023 - stockton arch airport traffic synchronization - kpa\000\plan sheet\2 - ch-cr.dwg
 k:\proj\2023\022023 - stockton arch airport traffic synchronization - kpa\000\plan sheet\2 - ch-cr.dwg



NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL	
			APPROVED BY	DATE
1				

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 Phone: (510) 625-0712

DESIGNED UNDER THE SUPERVISION OF:

 KEVIN G. AGUIUI
 R.C.E. No. 048732
 DATE: 2/22/23



ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION

GENERAL NOTES

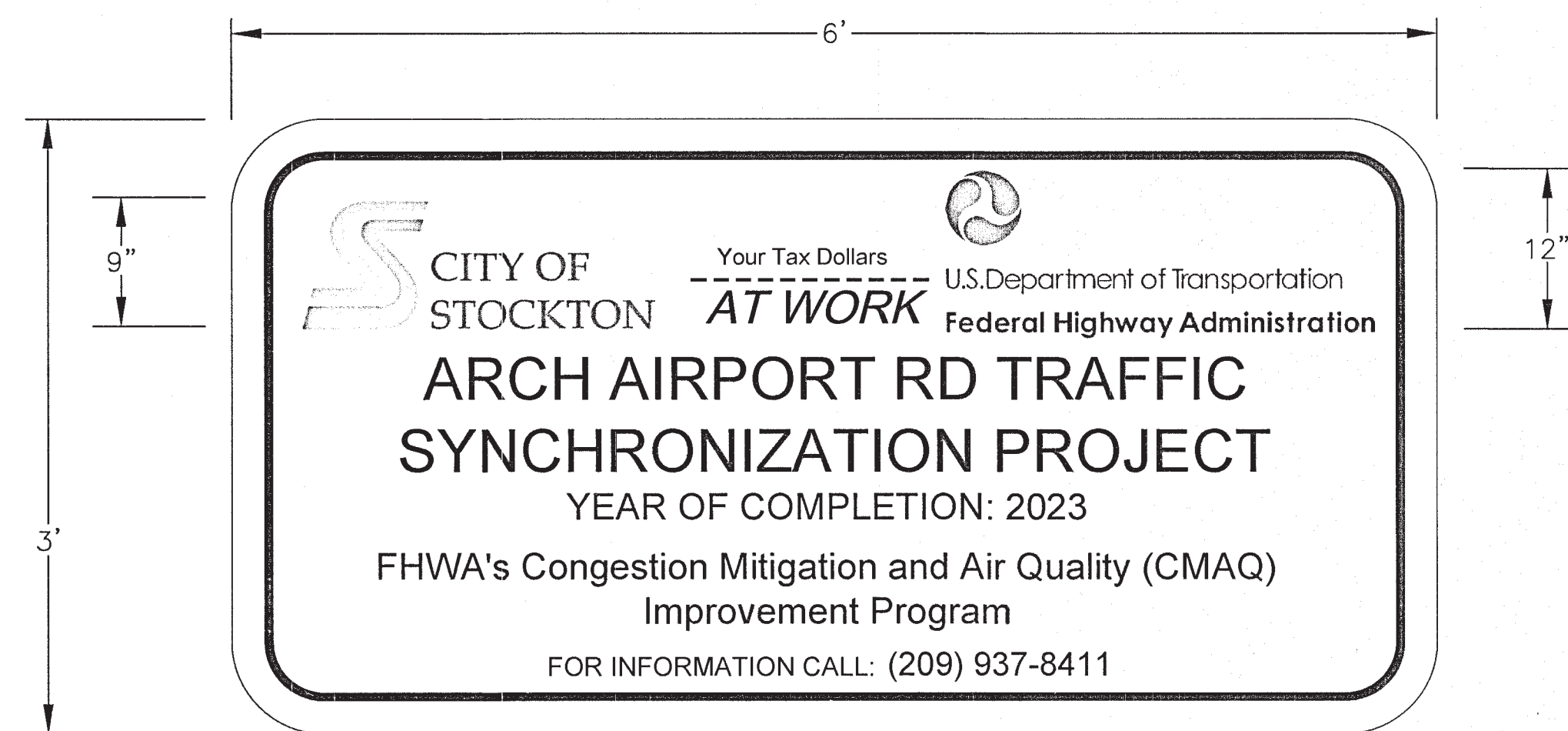
DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

DATE: 02/21/2023
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 DRAWN BY: MEW
 DESIGNED BY: ISW
 CHECKED BY: KGA

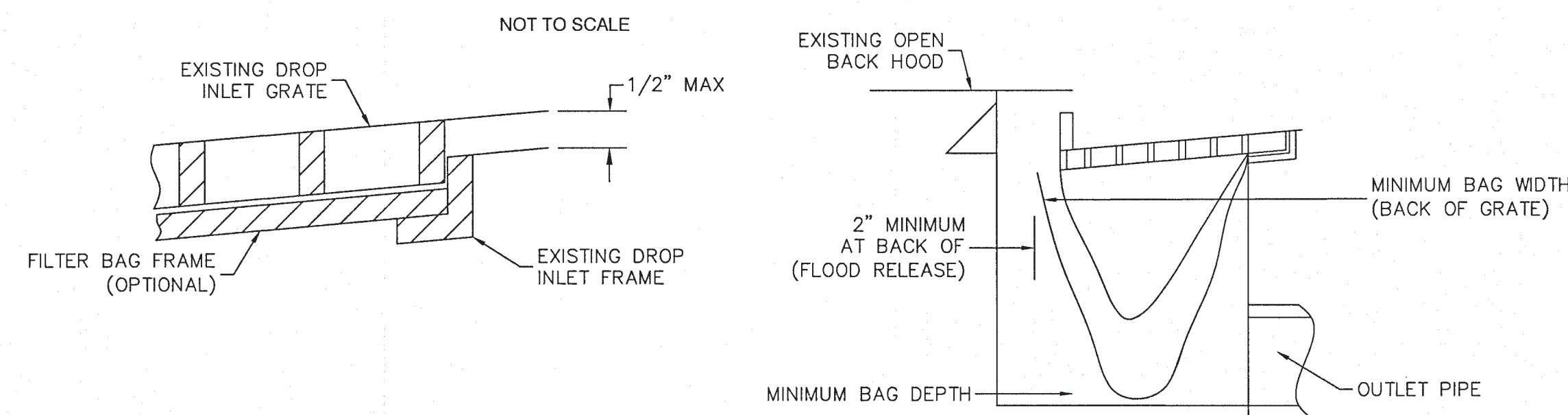
APPROVED BY:
 DATE: 3/14/23
 CITY ENGINEER
 STOCKTON, CALIFORNIA

SHEET NO. GN-01
 SHEET 2 OF 22
 PROJECT NO. WT21011

5506.1C



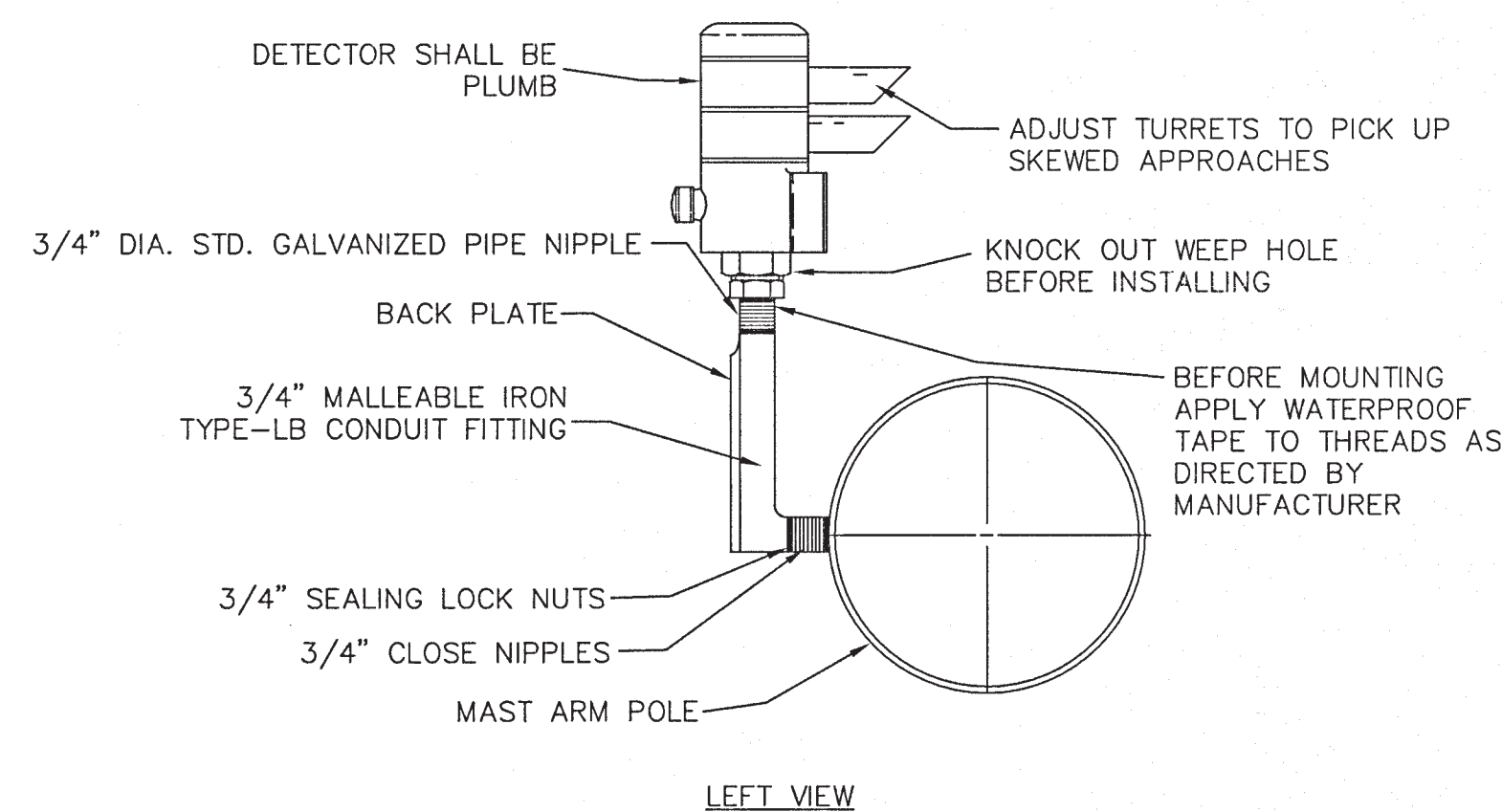
DETAIL A: PROJECT INFORMATION SIGN
NOT TO SCALE



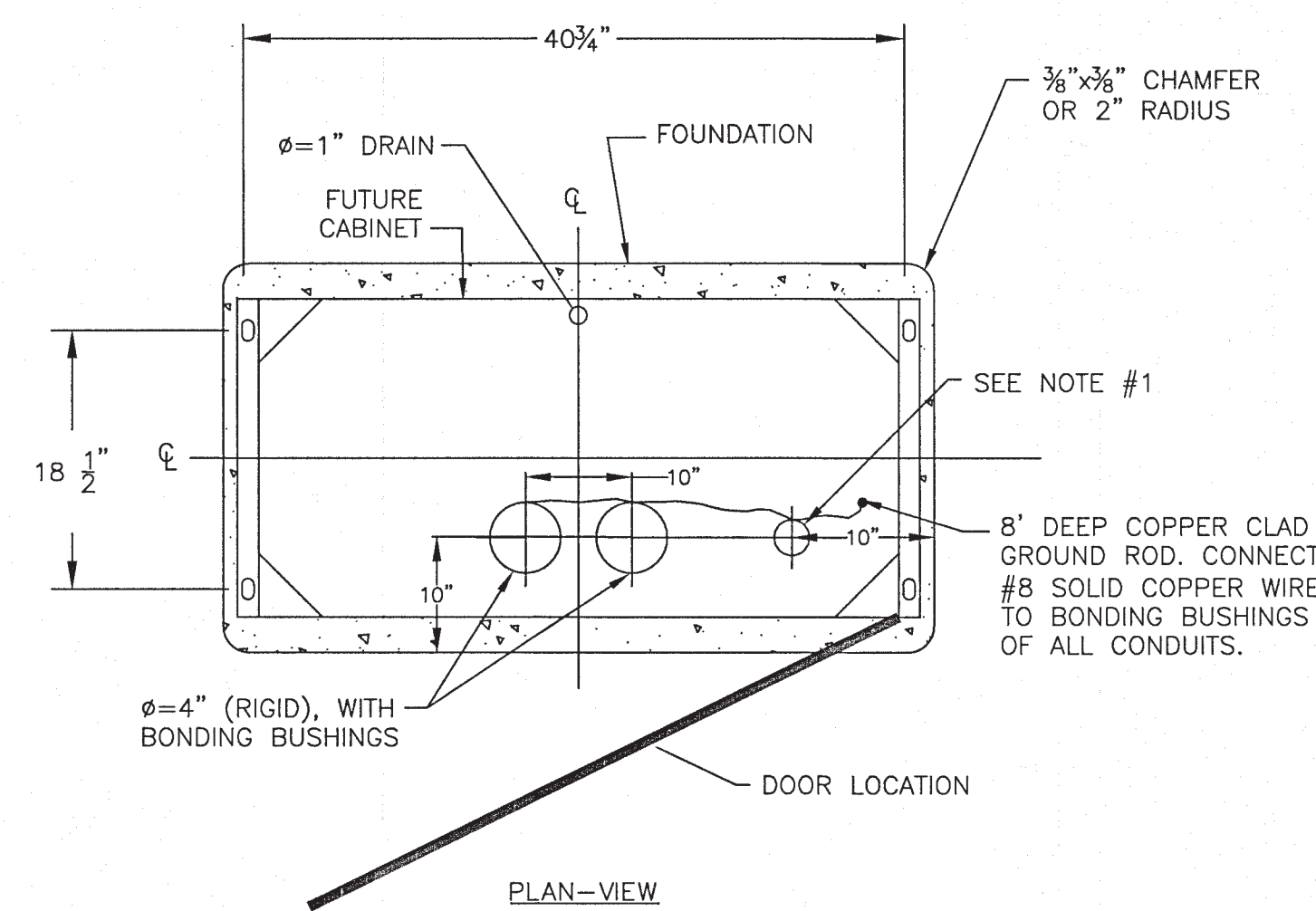
DETAIL C: CATCH BASIN FILTER BAG (WATER POLLUTION CONTROL)
NOT TO SCALE

NOTES (DETAIL C ONLY):

1. THE MAXIMUM DRAINAGE AREA PER FILTER SHALL BE NO MORE THAN .06 HECTARES (2 ACRES).
2. THE FILTER BAG SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE NYLON, POLYESTER, OR ETHYLENE FABRIC WITH A MINIMUM TENSILE STRENGTH OF 50 LBS PER LINEAL FOOT. AN EQUIVALENT OPENING SIZE NOT GREATER THAN A 20 SIEVE AND WITH A MINIMUM FLOW RATE OF 40 GALLONS/SQFT.
3. THE FILTER BAG MAY BE SUSPENDED FROM OR HELD IN PLACE BY EXISTING INLET GRATE (OR OTHER APPROVED METHOD), PROVIDING NO MODIFICATION OR DRAINAGE SHALL BE DONE TO THE INLET GRATE OR FRAME. THE INLET GRATE SHALL NOT BE CAUSED TO REST MORE THAN 1/2" ABOVE THE INLET FRAME.
4. THE FILTER BAG MAY EXTEND TO THE BOTTOM OF THE INLET BOX PROVIDED THE OUTLET PIPE IS UNOBSTRUCTED.
5. FLOWS SHALL NOT BE ALLOWED TO BYPASS THE BAG. THE BAG OR IT'S FRAME SHALL CATCH FLOWS AT ALL SIDES OF THE INLET EXCEPT AS SHOWN FOR FLOOD RELEASE.
6. INLET FILTER BAGS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL DURING THE WET SEASON AND MONTHLY DURING THE DRY SEASON. SEDIMENT AND DEBRIS SHALL BE REMOVED BEFORE ACCUMULATIONS HAVE REACHED ONE THIRD THE DEPTH OF THE BAG. BAGS SHALL BE REPAIRED OR REPLACED AS SOON AS DAMAGE OCCURS.



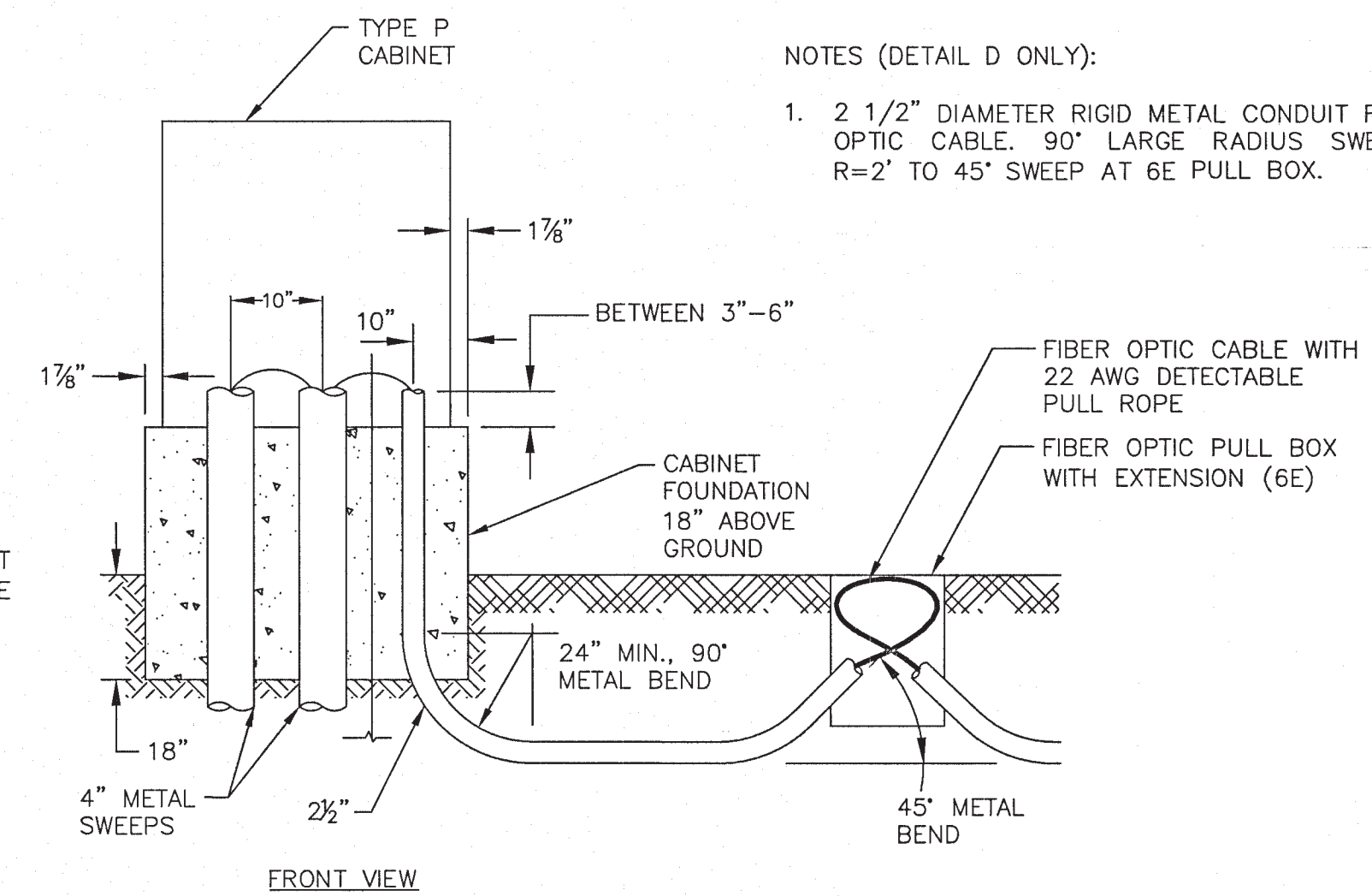
DETAIL B: EVP/TSP DETECTOR UNIT MAST ARM MOUNTING DETAIL
NOT TO SCALE



DETAIL D: TYPE P CONTROLLER CABINET FOUNDATION
NOT TO SCALE

NOTES (DETAIL D ONLY):

1. 2 1/2" DIAMETER RIGID METAL CONDUIT FOR FIBER OPTIC CABLE. 90° LARGE RADIUS SWEEP, MIN. R=2" TO 45" SWEEP AT 6E PULL BOX.

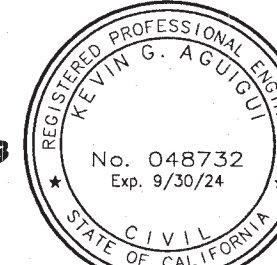


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			APPROVED BY	DATE

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[Signature]
KEVIN G. AGUIGUI
R.C.E. No. 048732
DATE: 2/22/23



ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION

DETAILS

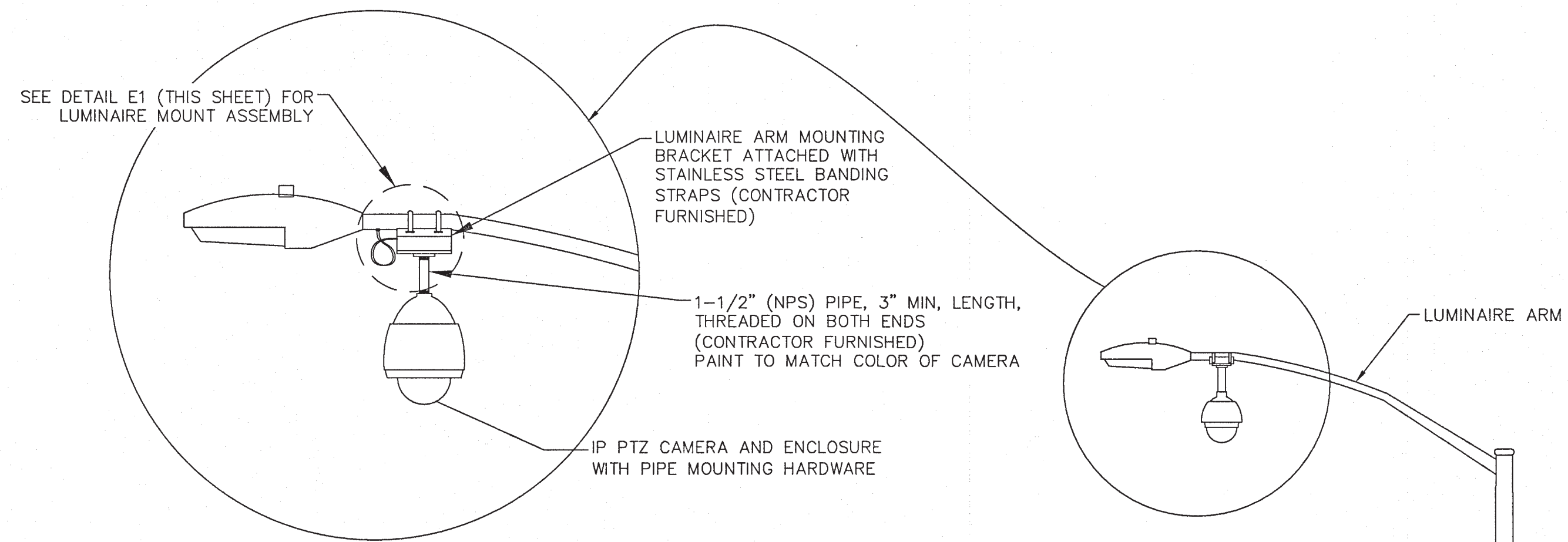
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

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DESIGNED BY: ISW
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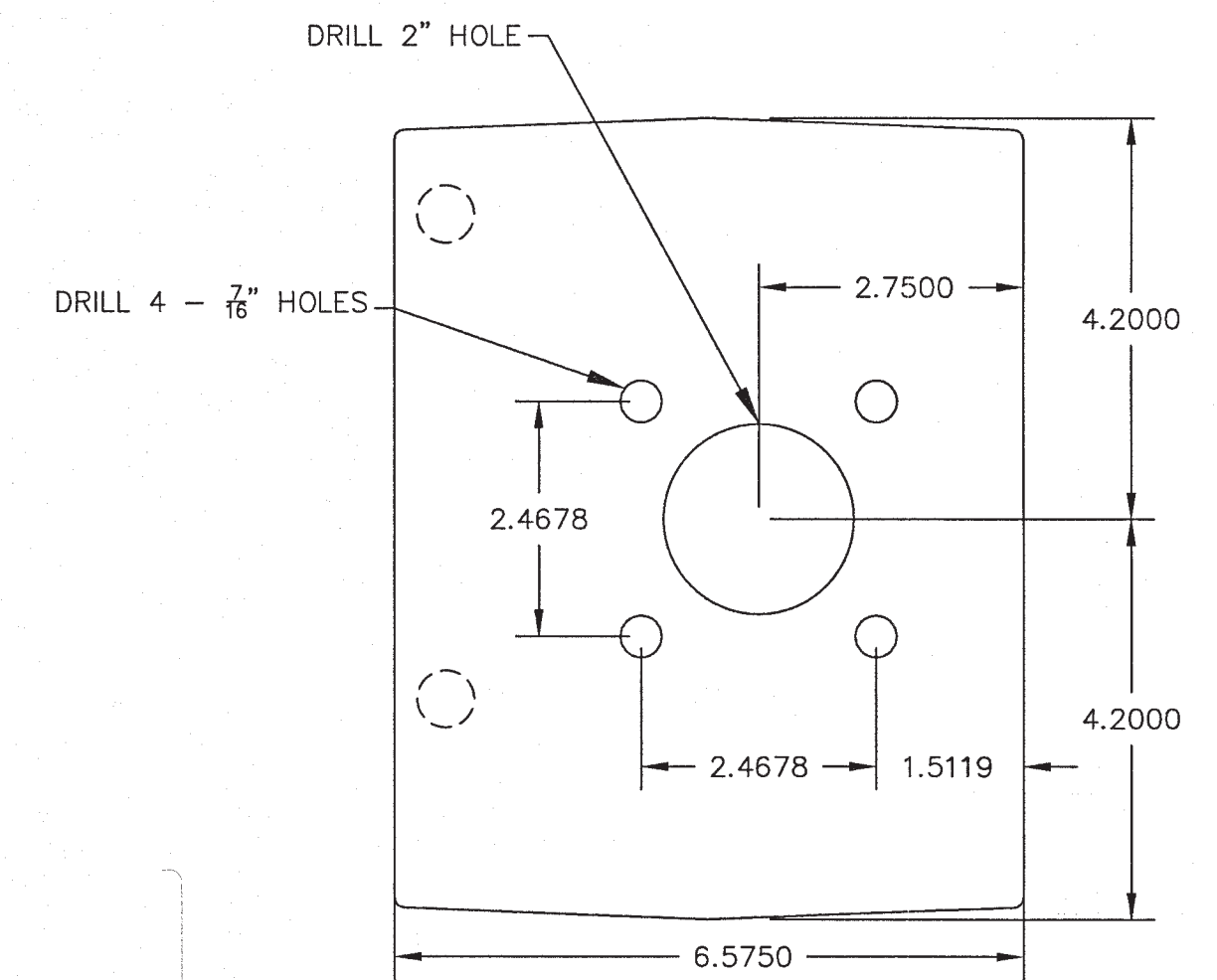
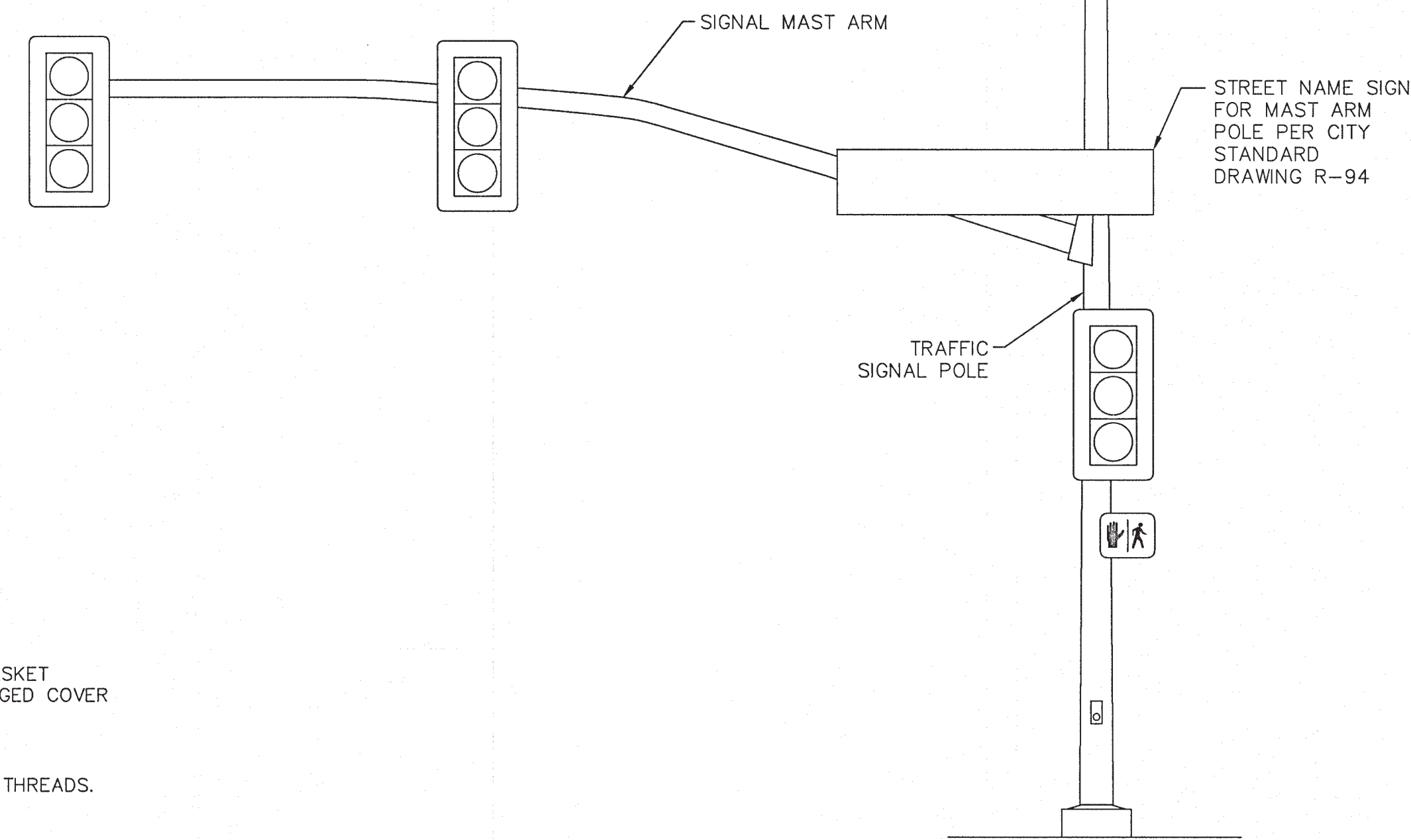
APPROVED BY: *[Signature]*
DATE: 2/22/23
CITY ENGINEER
STOCKTON, CALIFORNIA

SHEET NO. DT-01
SHEET 3 OF 22
PROJECT NO. WT21011

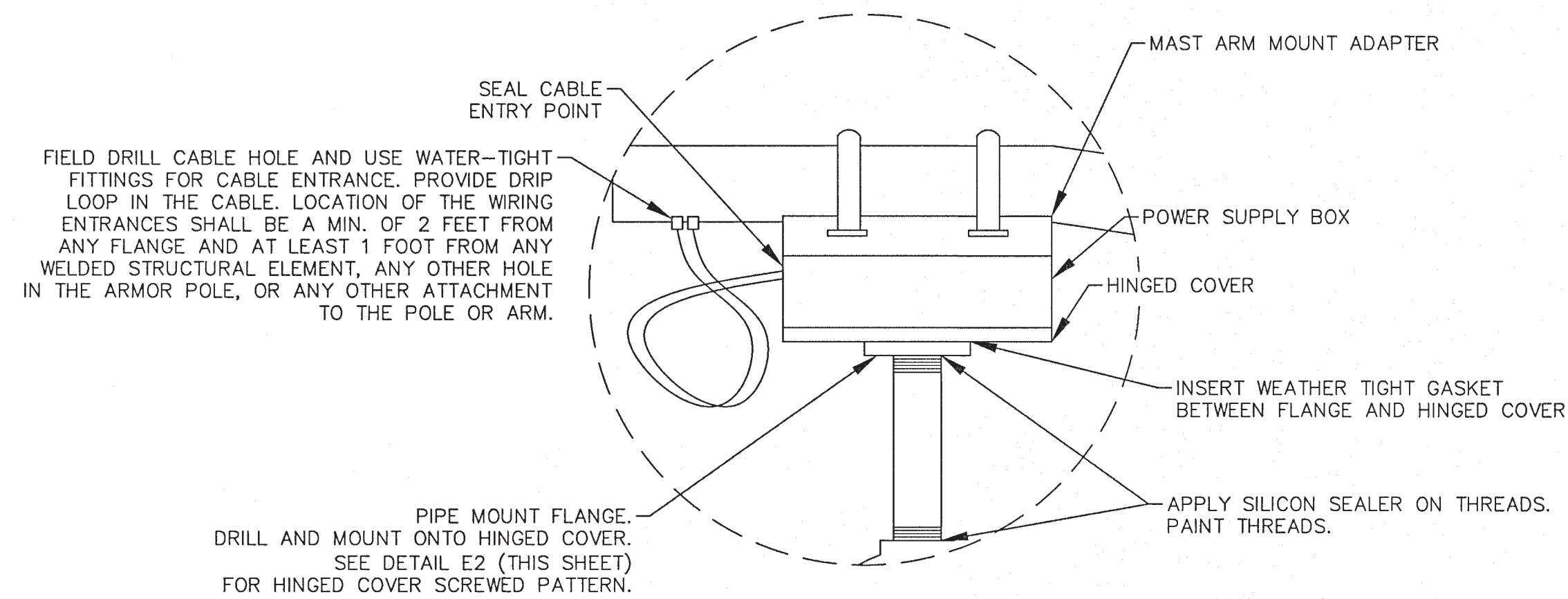
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LUMINAIRE MOUNT



DETAIL E2: HINGED COVER SCREW PATTERN
NO SCALE



DETAIL E1: LUMINAIRE MOUNT ASSEMBLY
NO SCALE

DETAIL E: CCTV CAMERA LUMINAIRE ARM MOUNT
NOT TO SCALE

ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION

DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

DATE: 02/21/2023
SCALE: NONE
DRAWN BY: MEW
DESIGNED BY: ISW
CHECKED BY: KGA

APPROVED BY: [Signature]
DATE: 2/22/23
CITY ENGINEER
STOCKTON, CALIFORNIA

SHEET NO. DT-02
SHEET 4 OF 22
PROJECT NO. WT21011

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			APPROVED BY	DATE

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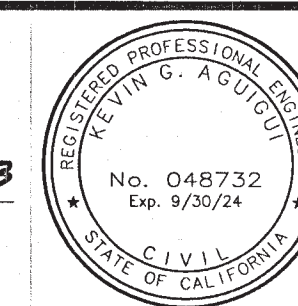
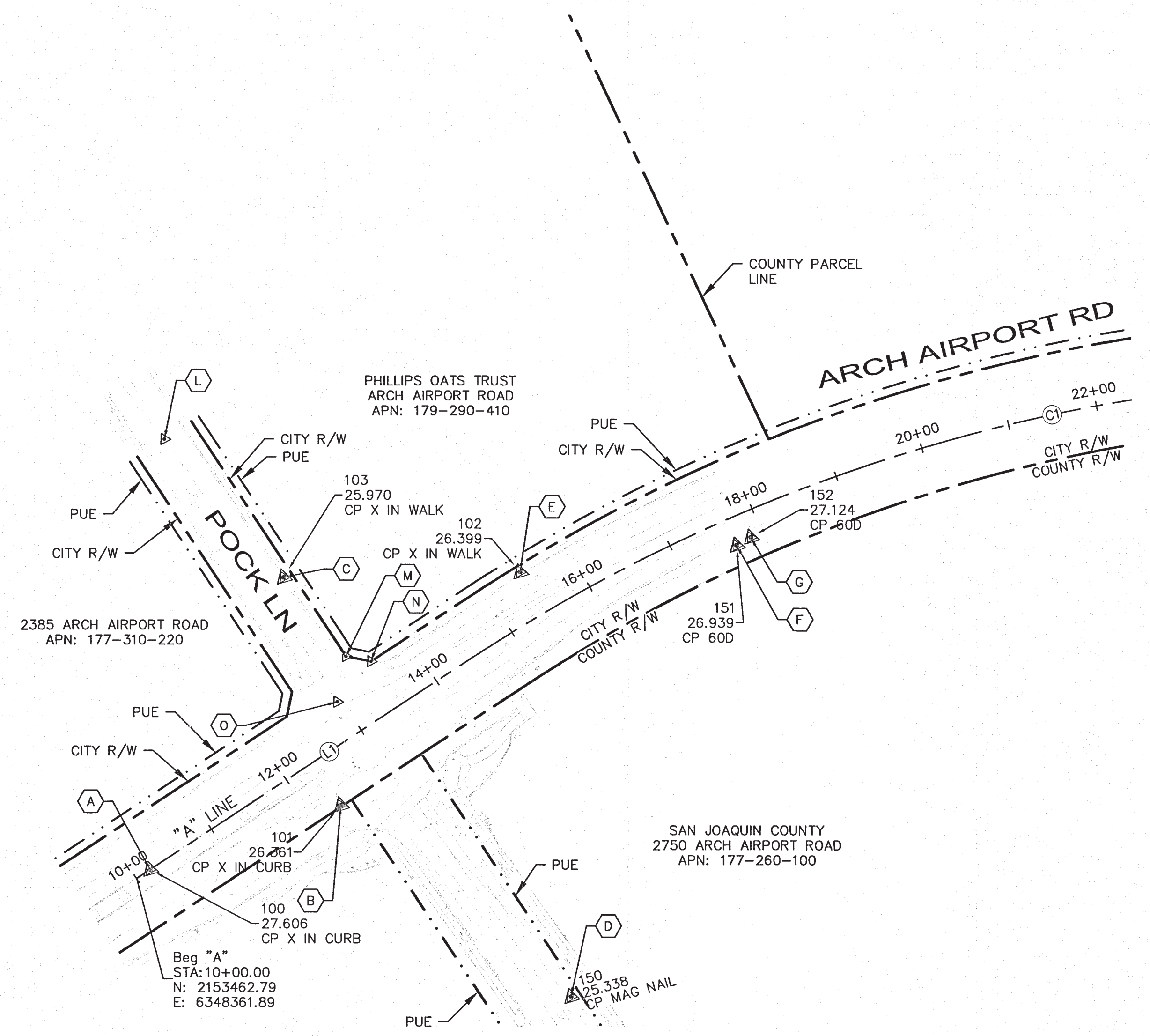


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NOTES:

- BASIS OF BEARINGS AND COORDINATE DATUM:** THE BASIS OF BEARINGS IS NAD83 CALIFORNIA COORDINATE ZONE 3 ESTABLISHED FROM FOUND MONUMENTS 130 AND 134 AS SHOWN ON THE RECORD OF SURVEY ENTITLED "CITY OF STOCKTON HORIZONTAL CONTROL SYSTEM PHASE XIV" FILED IN BOOK 35, OF SURVEYS AT PAGE 5, OF SAN JOAQUIN COUNTY OFFICIAL RECORDS. THE DISTANCES AND COORDINATES SHOWN HEREON ARE GROUND MEASUREMENTS. MULTIPLY THE DISTANCES AND COORDINATES SHOWN HEREON BY 0.99993655 FROM CONTROL POINT #130 TO OBTAIN THE GRID COORDINATE DATUM OF ZONE 3.
- VERTICAL DATUM:** ELEVATIONS SHOWN ARE NAVD 88 BASED ON OBSERVATIONS TO CITY OF STOCKTON BENCHMARK 108 BEING A BRASS DISC IN MONUMENT WELL STAMPED "3S-7" ON THE CENTERLINE OF ARCH AIRPORT RD AT THE BEGINNING OF A 1809.34' RADIUS CURVE EAST OF INTERSECTION OF POCK LN, STOCKTON CALIFORNIA (ELEVATION 27.30')



LINE TABLE

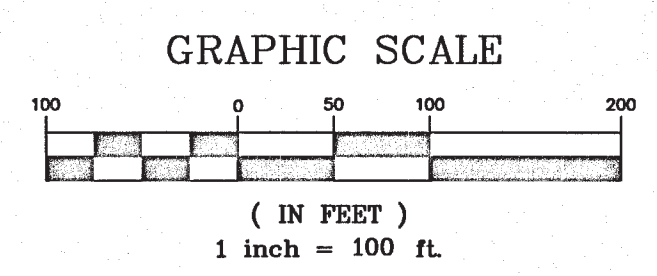
LINE	DESCRIPTION	LENGTH	BEARING
L1	"A"	450.98	N72°40'51.00"E

CURVE TABLE

CURVE	LENGTH	DELTA	RADIUS	TANGENT
C1	1499.02'	45°33'50"	1884.99'	791.68'

POINT TABLE

POINT #	NORTHING	EASTING	STATION	OFFSET	ALIGNMENT	ELEVATION	DESCRIPTION
A	2153468.39	6348379.09	10+18.09	0.22' LT	"A" LINE	27.61	CP X IN CURB
B	2153478.47	6348603.24	12+35.07	56.89' RT	"A" LINE	26.36	CP X IN CURB
C	2153739.98	6348612.26	13+21.53	90.08' LT	"A" LINE	25.97	CP X IN WALK
D	2153203.14	6348790.03	13+31.43	375.34' RT	"A" LINE	25.34	CP MAG NAIL
E	2153673.04	6348866.61	15+41.92	52.72' LT	"A" LINE	26.40	CP X IN WALK
F	2153635.29	6349105.67	17+68.03	30.58' RT	"A" LINE	26.94	CP 60D
G	2153639.47	6349123.11	17+86.14	28.68' RT	"A" LINE	27.12	CP 60D
L	2153924.29	6348527.15	12+95.17	391.37' LT	"A" LINE	25.15	FD MW LID NO EL
M	2153623.19	6348679.74	13+31.19	78.49' LT	"A" LINE	26.54	1" CW PLS 7736
N	2153636.24	6348654.54	13+51.19	58.50' LT	"A" LINE	26.26	MON PLS 7736 1" CAP
O	2153590.15	6348631.18	12+95.00	41.41' LT	"A" LINE	26.59	FD 3/4 IP MW



File: 21_2023 - 5172m - USER: adrew.waltner
 K:\WORK\2023020227 - election arch airport traffic synchronization - sqa\cad\plan sheets\HC-01.dwg

NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL	
			APPROVED BY	DATE

Kimley Horn

1300 Clay Street, Suite 325
 Oakland, California 94612
 Phone: (510) 625-0712

DESIGNED UNDER THE SUPERVISION OF:

[Signature] 2/22/23

DATE

KEVIN G. AGUIUI
 R.C.E. No. 048732

ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION

HORIZONTAL CONTROL

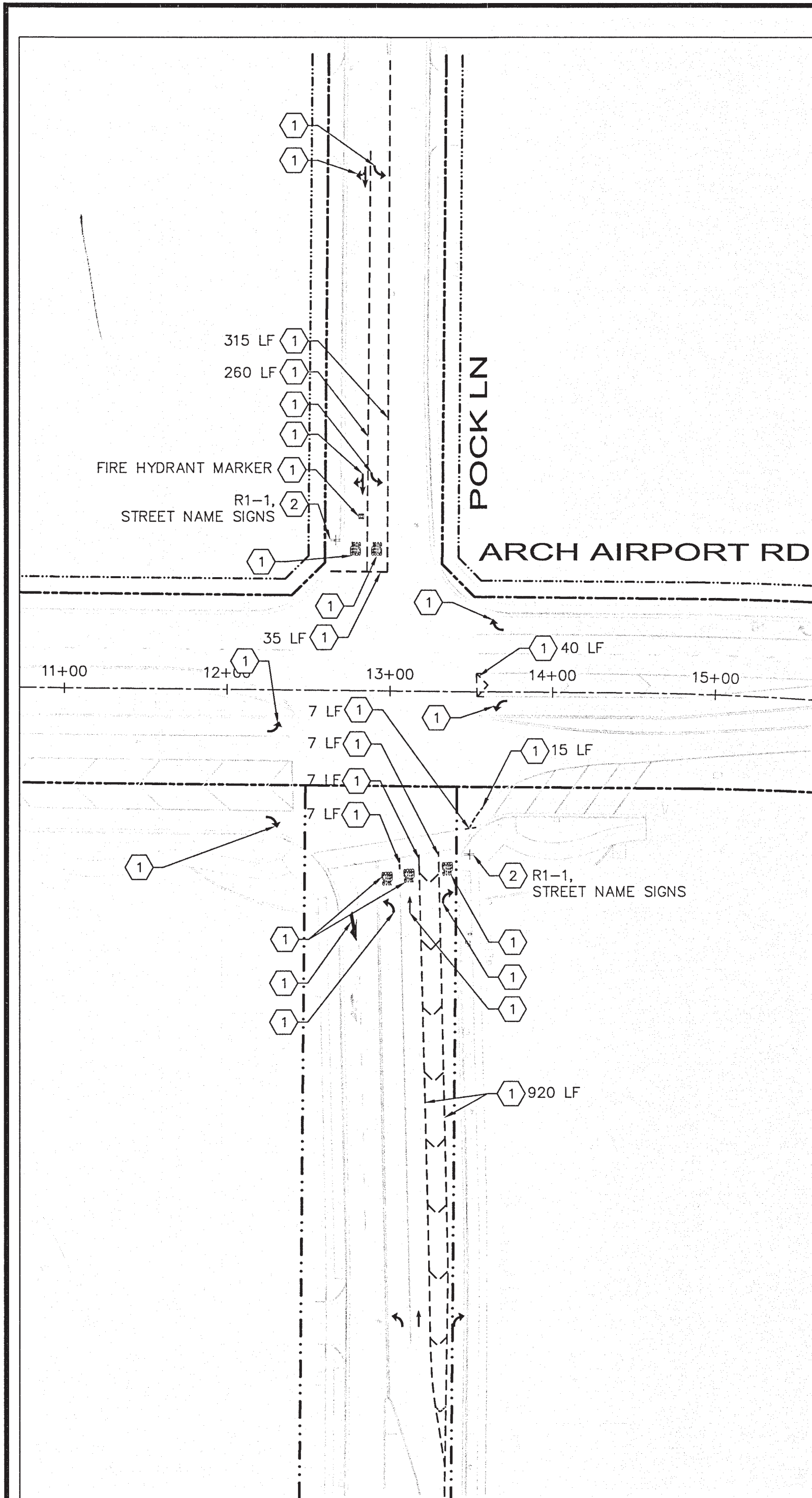
DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

DATE: 02/21/2023
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 DESIGNED BY: ASP
 CHECKED BY: KGA

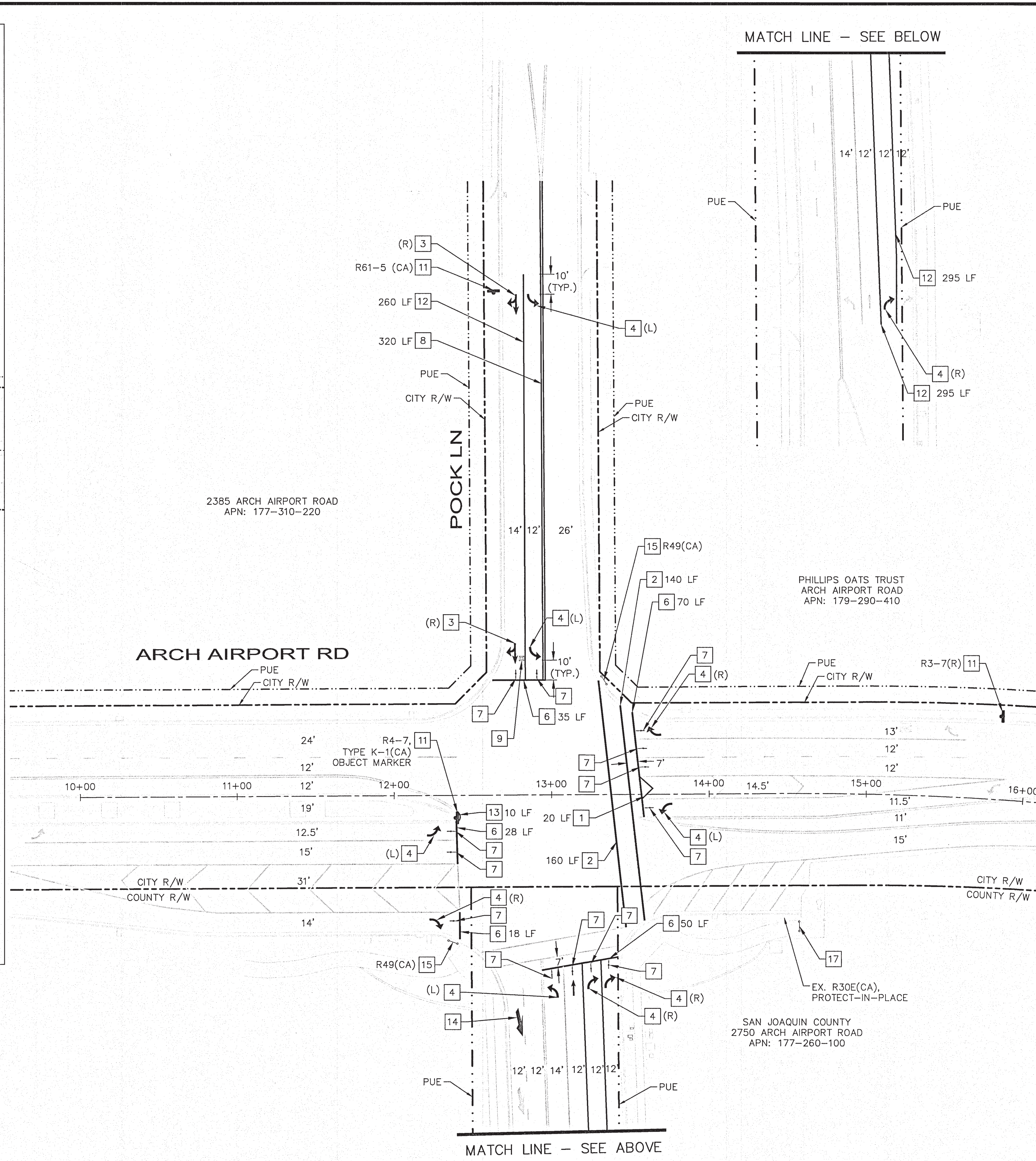
APPROVED BY: *[Signature]* DATE: 2/22/23
 CITY ENGINEER
 STOCKTON, CALIFORNIA

SHEET NO. HC-01
 SHEET 6 OF 22
 PROJECT NO. WT21011

5506.5C



DEMOLITION PLAN
1" = 60'



MATCH LINE - SEE ABOVE

MATCH LINE - SEE BELOW

GENERAL NOTES: (THIS SHEET ONLY)

1. ALL PAVEMENT LEGENDS SHALL BE PER CALTRANS LATEST STANDARD PLANS A24A THROUGH A24E.
2. ALL STRIPING SHALL BE PER THE LATEST CA MUTCD.
3. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
4. REMOVE ALL CONFLICTING LANE LINES OR PAVEMENT MARKINGS BY GRINDING.
5. REFER TO HC-01 FOR R/W DATA.
6. IF THE CONSTRUCTION TIMELINE FOR THIS PROJECT IS THE SAME AIRPARK 599'S, CONTRACTORS ARE REQUIRED TO COORDINATE STRIPING AND SIGNAGE TO INSTALL AIRPARK 599'S STRIPING AND SIGNAGE AS DEPICTED ON 5507C PLAN SET.

CONSTRUCTION NOTES: (THIS SHEET ONLY)

1. INSTALL 6" WHITE THERMOPLASTIC CHEVRON. LENGTH AS NOTED ON PLAN.
2. INSTALL 12" WHITE THERMOPLASTIC CROSSWALK LINE AT 10' ON CENTER PER CITY OF STOCKTON STANDARD DRAWING R-113. LENGTH AS NOTED ON PLANS.
3. INSTALL WHITE TYPE VII ARROW PAVEMENT MARKING.
4. INSTALL WHITE TYPE IV ARROW PAVEMENT MARKING.
6. INSTALL 24" WHITE THERMOPLASTIC STOP LINE PER CITY OF STOCKTON STANDARD DRAWING R-113. LENGTH AS NOTED ON PLANS.
7. INSTALL BIKE DETECTION SYMBOL ONE FOOT BEHIND LIMIT LINE PER CITY OF STOCKTON DRAWING NO. R-112.
8. INSTALL THERMOPLASTIC DETAIL 22 DOUBLE YELLOW CENTER LINE. LENGTH AS NOTED ON PLANS.
9. FURNISH AND INSTALL BLUE RETROREFLECTIVE RAISED PAVEMENT MARKER PER CA MUTCD FIGURE 3B-102 (CA).
11. FURNISH AND INSTALL NEW SIGN(S) AND POST ON UNISTRUT POLE. SIGN(S) AS NOTED ON PLANS.
12. INSTALL DETAIL 38. LENGTH AS NOTED ON PLANS.
13. INSTALL YELLOW REFLECTIVE PAINT AROUND MEDIAN NOSE PER CITY OF STOCKTON STANDARD DRAWING R-31.
14. INSTALL TYPE VI ARROW PAVEMENT MARKING.
15. FURNISH AND INSTALL SIGN ON NEW PEDESTRIAN BARRICADE TYPE 1 WITH 3' MIN. OFFSET FROM FACE OF CURB PER CALTRANS STANDARD PLAN ES-70. SIGN AS NOTED ON PLANS.
17. FURNISH AND INSTALL BARRICADE AND SIGNAGE FOR SIDEWALK END PER CITY OF STOCKTON STANDARD DRAWING R-108.

DEMOLITION NOTES: (THIS SHEET ONLY)

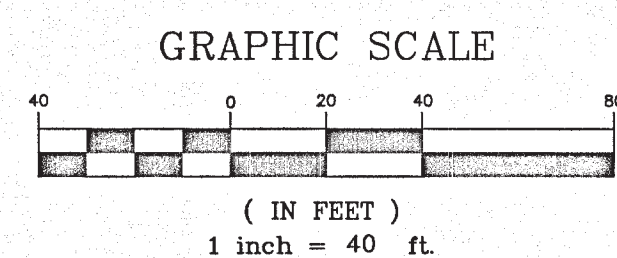
1. REMOVE EXISTING STRIPING OR PAVEMENT MARKING.
2. REMOVE EXISTING SIGN AND POST AS NOTED ON DEMOLITION PLAN AT TIME OF SIGNAL TURN-ON.

ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION

SIGNING AND STRIPING - POCK LN

DESIGNED UNDER THE SUPERVISION OF:		
 KEVIN G. AGUIUI R.C.E. No. 048732	DATE: 2/22/23	
DATE: 02/21/2023 SCALE: 1"=40' DRAWN BY: MEW DESIGNED BY: ISW CHECKED BY: KGA	APPROVED BY: DATE: 2/14/23 CITY ENGINEER STOCKTON, CALIFORNIA	SHEET NO. SS-01 PROJECT NO. WT21011

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA



NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL APPROVED BY	DATE

Kimley»Horn
 1300 Clay Street, Suite 325
 Oakland, California 94612
 Phone: (510) 625-0712

DESIGNED UNDER THE SUPERVISION OF:

 KEVIN G. AGUIUI
 R.C.E. No. 048732

DATE: 02/21/2023
 SCALE: 1"=40'
 DRAWN BY: MEW
 DESIGNED BY: ISW
 CHECKED BY: KGA



Fig. 21, 2023 - 5.18pm - USER: asdrew@liver...
 K:\V\A\15\10702027 - stockton arch airport traffic synchronization - kpa\kpa\plan sheets\7-35-st-dwg

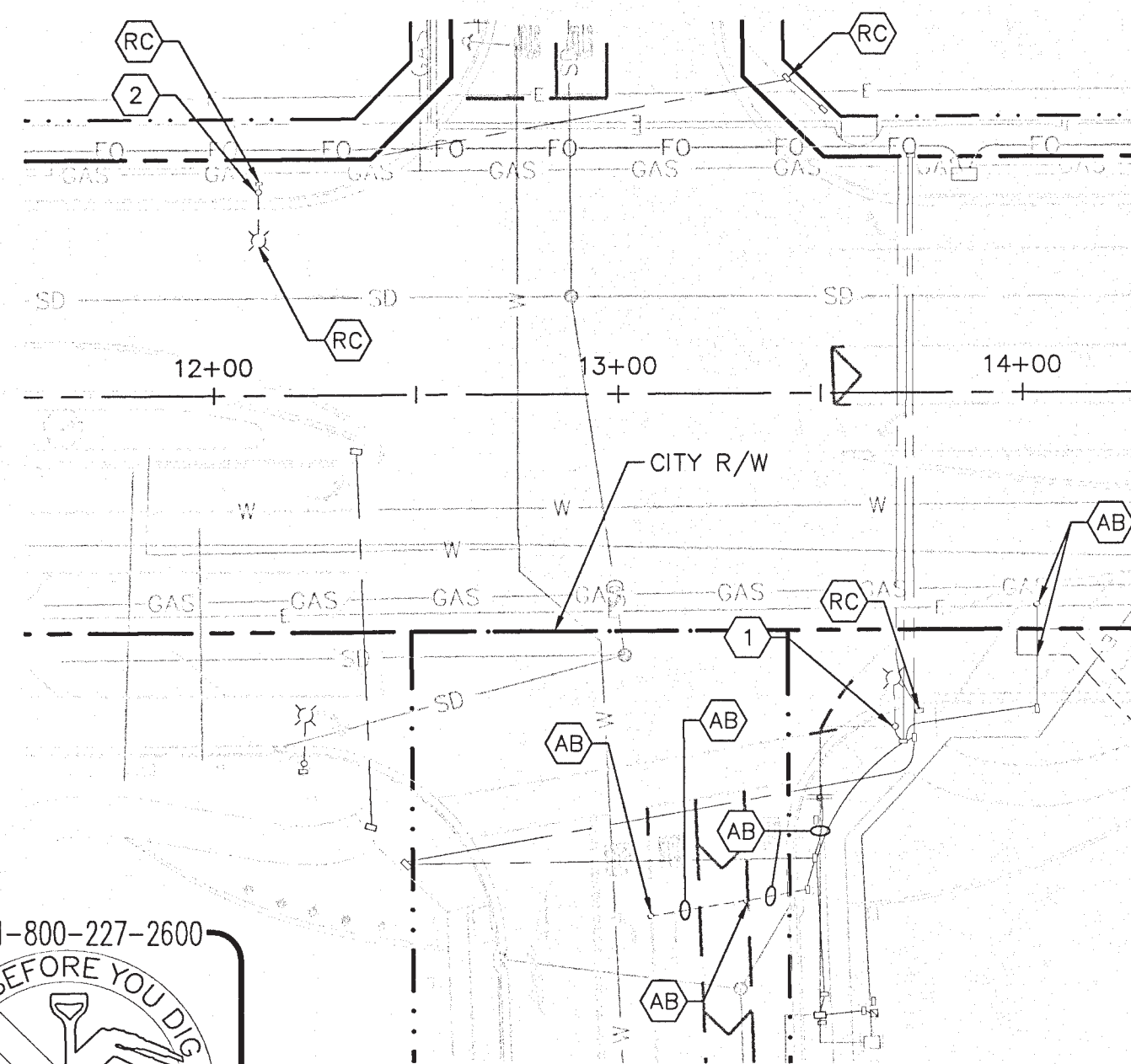
5506.6C

CONSTRUCTION NOTES: (THIS SHEET ONLY)

- 1 FURNISH AND INSTALL NEW TYPE P TRAFFIC SIGNAL CABINET ON NEW FOUNDATION. SEE DETAIL D ON SHEET DT-01 FOR FOUNDATION DETAIL.
- 2 FURNISH AND INSTALL NEW SIGN MOUNTED ON TRAFFIC SIGNAL MAST ARM. SIGN AS NOTED ON PLANS.
- 3 FURNISH AND INSTALL OPTICOM MODEL 721 OPTICAL DETECTOR ON TRAFFIC SIGNAL MAST ARM. CONNECT TO EVP CABLE AND ORIENT TO SIGNAL PHASE AS INDICATED ON PLAN. SEE DETAIL B, ON SHEET DT-01, FOR MOUNTING DETAILS.
- 4 FURNISH AND INSTALL MULTI-SENSOR VIDEO DETECTION CAMERA ON TRAFFIC SIGNAL MAST ARM. SEE DETAIL F1, SHEET DT-03, FOR MOUNTING DETAILS.
- 5 FURNISH AND INSTALL VIDEO DETECTION CAMERA ON TRAFFIC SIGNAL MAST ARM. SEE DETAIL F2, SHEET DT-03, FOR MOUNTING DETAILS.
- 6 FURNISH AND INSTALL CCTV CAMERA ON LUMINAIRE ARM. SEE DETAIL E, SHEET DT-02, FOR MOUNTING DETAILS.
- 7 INSTALL NEW FIBER TERMINATION PANEL AND MANAGED FIBER ETHERNET SWITCH IN TRAFFIC SIGNAL CABINET.
- 8 FURNISH AND INSTALL NEW SPLICE CLOSURE. SPLICE FIBER LATERAL CABLE TO EXISTING FIBER TRUNK CABLE. FURNISH ALL CABLING AND MAKE ALL CONNECTIONS. SEE SPECIAL PROVISIONS AND FIBER SPLICE DIAGRAMS ON SHEET SC-01 FOR DETAILS.
- 9 INSTALL TENON FOR FUTURE SIGNAL HEAD. SIGNAL HEAD IS NOT IN CONTRACT. SEE SHEET TS-01B FOR REFERENCE.
- 10 FURNISH AND INSTALL NEW SIGN MOUNTED ON TRAFFIC SIGNAL POLE. SIGN AS NOTED ON PLANS.
- 12 INSTALL 3"C WITH 3 DLC.
- 13 FURNISH AND INSTALL NEW CITY STANDARD CONTROLLER AND SOFTWARE IN CONTROLLER CABINET.
- 14 FURNISH AND INSTALL NEW TYPE III SERVICE CABINET ON NEW FOUNDATION. SEE DETAIL G ON DT-03 FOR WIRING DIAGRAM.
- 15 FURNISH AND INSTALL OPTICOM 764 MULTIMODE PHASE SELECTOR AND VIDEO DETECTION SYSTEM IN TRAFFIC SIGNAL CABINET.
- 16 FURNISH AND INSTALL 12-STRAND FIBER LATERAL CABLE IN NEW 3" CONDUIT.
- 17 COIL 30' SLACK OF 12-STRAND FIBER LATERAL CABLE IN FIBER PULL BOX.
- 18 COIL 50' SLACK OF 12-STRAND FIBER LATERAL CABLE IN FIBER PULL BOX.
- 19 INSTALL 3 DLCS IN EXISTING CONDUIT.
- 20 REPLACE EXISTING PULL BOX IN PLACE WITH NEW PULL BOX. SIZE AS NOTED ON PLANS.
- 25 FURNISH AND INSTALL 12-STRAND FIBER LATERAL CABLE IN EXISTING 3" CONDUIT.
- 26 LOCATE CONDUIT END PRIOR TO PLACING PULL BOX. END OF EXISTING CONDUIT MAY NOT BE IN EXACT LOCATION SHOWN.
- 27 FURNISH AND INSTALL STREET NAME SIGN PER DETAIL 'E' ON DT-02 AND POLE AND EQUIPMENT SCHEDULE ON TS-01A.
- 28 COIL AND PROTECT ADDITIONAL LEAD IN CABLES IN PULLBOX FOR FUTURE CONNECTION TO FUTURE LOOPS.
- 29 EXISTING PG&E SERVICE POINT. CONTRACTOR TO CONTACT PG&E TO SCHEDULE SERVICE CONNECTION AND METER SET. REFER TO THE PROJECT SPECIFICATIONS SECTION 77-1.15, SERVICE, FOR MORE INFORMATION.

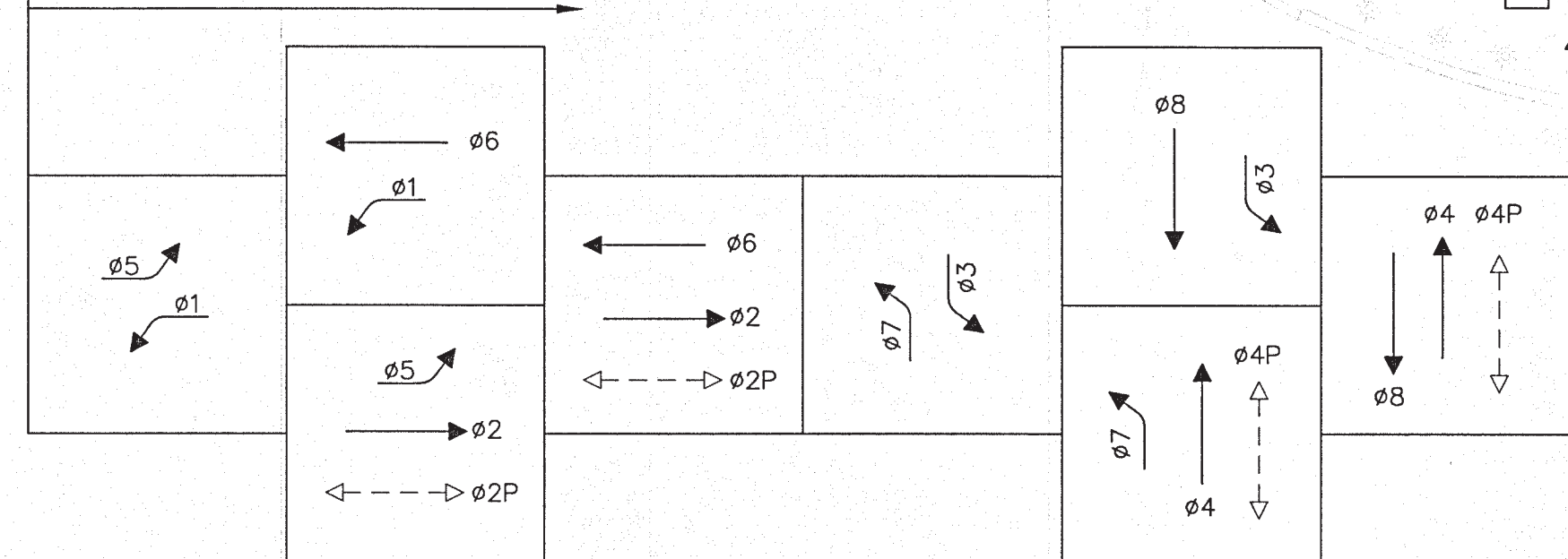
DEMOLITION NOTES: (THIS SHEET ONLY)

- 1 REMOVE AND SALVAGE EXISTING TRAFFIC SIGNAL POLE AND MAST ARM TO THE CITY.
- 2 REMOVE AND SALVAGE EXISTING LUMINAIRE POLE AND MAST ARM TO THE CITY.



DEMOLITION PLAN
SCALE: 1" = 40'

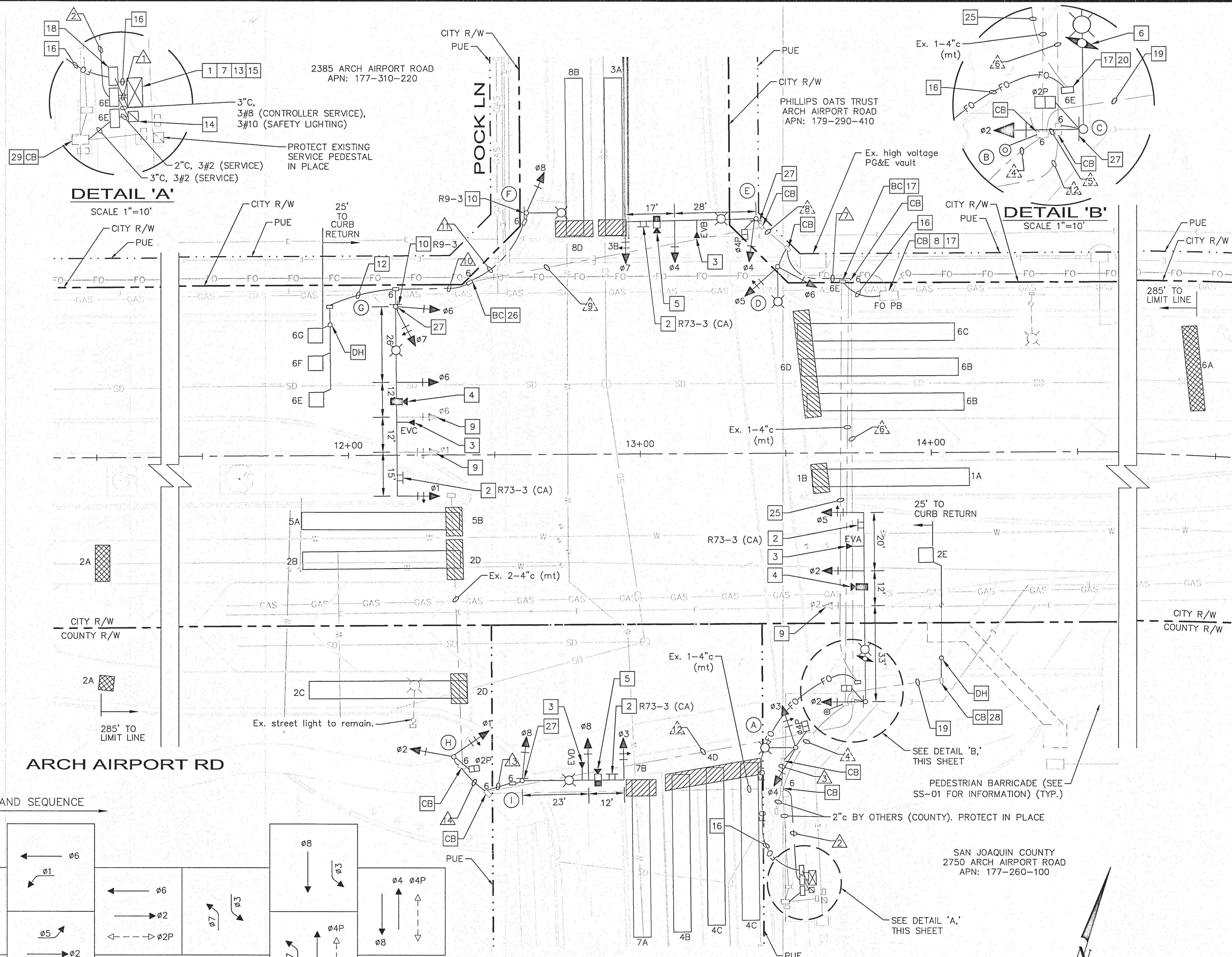
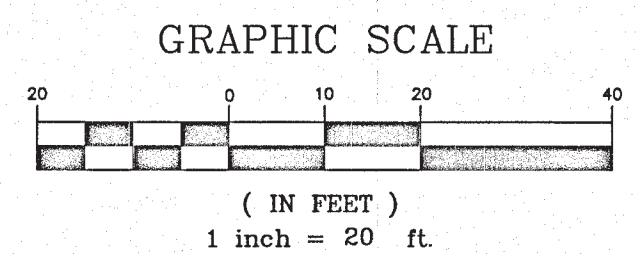
STEADY DEMAND SEQUENCE



PROPOSED PHASE DIAGRAM

EVP ASSIGNMENTS

- EVA = 02 + 05
- EVB = 04 + 07
- EVC = 06 + 01
- EVD = 08 + 03



ARCH AIRPORT RD

THIS PLAN ACCURATE FOR SIGNAL WORK ONLY.

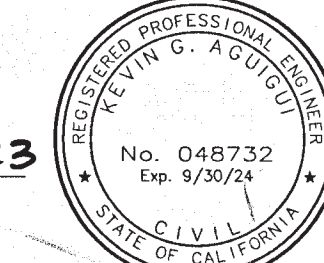
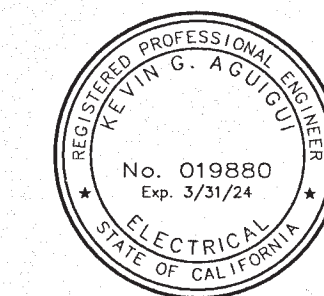


NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL	
			APPROVED BY	DATE



DESIGNED UNDER THE SUPERVISION OF:

KEVIN G. AGUIQUI
R.C.E. No. 048732



ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION

TRAFFIC SIGNAL - POCK LN

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

DATE: 02/21/2023
SCALE: 1"=20'
DRAWN BY: MEW
DESIGNED BY: ISW
CHECKED BY: KGA

APPROVED BY: *[Signature]*
DATE: *[Date]*
REGISTERED PROFESSIONAL ENGINEER
STOCKTON, CALIFORNIA

SHEET NO.
TS-01
SHEET 8 OF 22
PROJECT NO.
WT21011

5506.7C

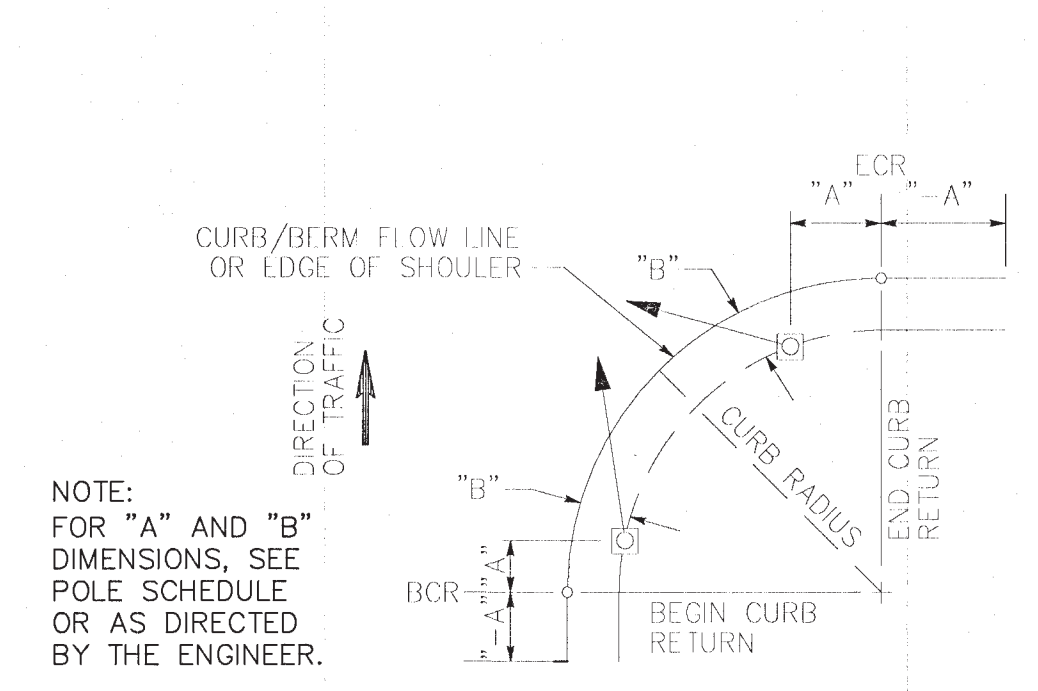
CONDUCTOR SCHEDULE														
CONDUCTOR DESIGNATION	NUMBER OF CONDUCTORS													
	ARCH AIRPORT RD AT POCK LN													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NO. 14 CONDUCTORS														
Ø1	6	6	-	3	3	3	3	3	3	3	-	3	-	3
Ø2	6	6	-	3	3	-	-	-	-	-	-	-	3	-
Ø3	3	3	3	-	-	-	-	-	-	-	-	-	3	3
Ø4	3	3	3	3	3	3	3	3	-	-	-	-	-	-
Ø5	3	3	-	3	3	3	3	-	-	-	-	-	-	-
Ø6	3	3	-	3	3	3	3	3	3	3	-	-	-	-
Ø7	3	3	-	3	3	3	3	3	3	3	-	-	-	-
Ø8	6	6	-	3	3	3	3	3	3	3	-	3	3	-
Ø2P	2	2	-	2	2	-	-	-	-	-	-	2	-	2
Ø4P	4	4	2	2	2	2	2	2	-	-	-	-	-	-
Ø6P	2	2	-	2	2	2	2	2	2	2	-	-	-	-
Ø8P	2	2	-	2	2	2	2	2	2	2	-	2	2	-
Ø2PPB	1	1	1	1	-	-	-	-	-	-	-	-	1	1
Ø4PPB	1	1	-	1	1	1	1	-	-	-	-	-	-	-
Ø6PPB	1	1	-	1	1	1	1	1	1	1	-	1	-	-
Ø8PPB	2	2	-	2	2	1	1	1	1	1	-	1	-	1
PPB COMMON	4	4	1	3	3	2	2	2	2	1	1	2	1	1
SPARES	15	15	3	12	12	6	6	6	6	3	3	6	3	3
PEU	3	3	3	-	-	-	-	-	-	-	-	-	-	-
TOTAL NO. 14	70	70	16	49	48	35	34	31	26	16	10	26	13	13
NO. 8 CONDUCTORS														
SIGNAL SERVICE	3	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL NO. 8	3	-	-	-	-	-	-	-	-	-	-	-	-	-
NO. 10 CONDUCTORS														
LIGHTING (240V)	2	2	-	2	2	2	2	2	2	2	2	2	2	-
SIGNAL NEUTRAL	4	4	1	3	3	2	2	2	2	1	1	2	1	1
TOTAL NO. 10	6	6	1	5	5	4	4	4	4	3	3	4	3	1
DETECTOR LEAD-IN CABLES														
Ø2 - SAMPLER	3**	3**	-	1	-	-	-	-	-	-	-	-	-	-
Ø6 - SAMPLER	3	3	-	3	3	3	3	3	3	-	-	-	-	-
TOTAL DLC	6	6	-	4	3	3	3	3	3	-	-	-	-	-
EVP CABLES														
EVA	1	1	-	1	1	1	-	-	-	-	-	-	-	-
EVB	1	1	-	1	1	1	1	1	-	-	-	-	-	-
EVC	1	1	-	1	1	1	1	1	1	1	-	-	-	-
EVD	1	1	-	1	1	-	-	-	-	-	-	1	1	-
TOTAL EVP CABLES	4	4	-	4	4	3	2	2	1	1	-	1	1	-
VIDEO DETECTION CABLES														
Ø2+Ø5	1	1	-	1	1	1	-	-	-	-	-	-	-	-
Ø4+Ø7	1	1	-	1	1	1	1	1	-	-	-	-	-	-
Ø6+Ø1	1	1	-	1	1	1	1	1	1	1	-	-	-	-
Ø8+Ø3	1	1	-	1	1	-	-	-	-	-	-	1	1	-
TOTAL VIDEO DETECTION CABLES	4	4	-	4	4	3	2	2	1	1	-	1	1	-
APS (4-WIRE)														
			2	2	2			1,1*	2*	2*		2*	1,1*	
CCTV														
	2	2	-	2	2	-	-	-	-	-	-	-	-	-
PERCENT FILL (%)	13	13	13	40	21	9	23	22	18	14	7	8	10	5
CONDUIT SIZE (INCHES)	2-4	2-4	2	3	4	2-4	3	3	3	3	3	4	3	3

ALL CONDUITS AND CONDUCTORS ARE NEW UNLESS OTHERWISE NOTED.
 E - DENOTES EXISTING CONDUIT OR CONDUCTORS
 * - COIL 35' SLACK OF CONDUCTORS FOR FUTURE PEDESTRIAN PHASE IN FINAL PULL BOX
 ** - INSTALL TWO ADDITIONAL DLCS FOR FUTURE SAMPLER LOOPS

POLE AND EQUIPMENT SCHEDULE													
LOCATION	STANDARD			LOCATION		LED LUMINAIRE WATTAGE	VEHICLE SIGNAL MOUNTING		PED SIGNAL MOUNTING	APS		STREET NAME SIGN (S.N.S.) LEGEND	*SPECIAL REQUIREMENTS
	TYPE	SIGNAL MAST ARM	LUMINAIRE MAST ARM	A	B		MAST ARM	POLE		Ø	ARROW		
(A)	15TS	-	12'	8.3'	8.1'	107	-	SV-2-TB	SP-1-T	Ø2	RIGHT	-	POLE TO BE LABELED WITH STREET LIGHT NUMBER (613111) PER PG&E STANDARDS.
(B)	PPB POST	-	-	14.5'	10.3'	-	-	-	-	Ø4	LEFT	-	-
(C)	61-5-100	65'	15'	1.2'	9'	107	MAS MAS	SV-1-T	SP-1-T	-	-	POCK LN 4500->	INSTALL CCTV ON LUMINAIRE MAST ARM, VIDEO DETECTION CAMERA, EVP-A, AND R73-3(CA) SIGN ON MAST ARM, AND SNS ON POLE. POLE TO BE LABELED WITH STREET LIGHT NUMBER (613110) PER PG&E STANDARDS.
(D)	15TS	-	15'	30'	6'	107	-	SV-2-TB	-	Ø4	RIGHT	-	POLE TO BE LABELED WITH STREET LIGHT NUMBER (613109) PER PG&E STANDARDS.
(E)	26-4-100	45'	15'	7.5'	11'	107	MAS MAS	SV-1-T	SP-1-T	-	-	ARCH AIRPORT RD 2300<-	INSTALL VIDEO DETECTION CAMERA, EVP-B, AND R73-3(CA) SIGN ON MAST ARM. INSTALL SNS ON POLE. POLE TO BE LABELED WITH STREET LIGHT NUMBER (613108) PER PG&E STANDARDS.
(F)	15TS	-	12'	14.5'	3.95'	107	-	SV-1-T	-	-	-	-	INSTALL R9-3 SIGN ON POLE. POLE TO BE LABELED WITH STREET LIGHT NUMBER (613107) PER PG&E STANDARDS.
(G)	61-5-100	65'	15'	4.46'	0.1'	107	MAS MAS	SV-2-TB	-	-	-	POCK LN 4600<-	INSTALL VIDEO DETECTION CAMERA, EVP-C, AND R73-3(CA) SIGN ON MAST ARM. INSTALL SNS AND R9-3 SIGN ON POLE. POLE TO BE LABELED WITH STREET LIGHT NUMBER (613106) PER PG&E STANDARDS.
(H)	1-B	-	-	9.53'	11.9'	-	-	TV-2-T	SP-1-T	-	-	-	-
(I)	24-4-100	35'	15'	29.5'	2.79'	107	MAS MAS	SV-1-T	-	Ø2	LEFT	ARCH AIRPORT RD 2300->	INSTALL VIDEO DETECTION CAMERA, EVP-D, AND R73-3(CA) SIGN ON MAST ARM. INSTALL SNS ON POLE. POLE TO BE LABELED WITH STREET LIGHT NUMBER (613112) PER PG&E STANDARDS.

* OTHER REQUIREMENTS ARE COVERED BY NOTES, LEGEND, SPECIAL PROVISIONS AND CALTRANS STANDARD SPECIFICATIONS. FOR TYPE OF STANDARD, VEHICLE AND PEDESTRIAN MOUNTING, SEE CALTRANS STANDARD PLANS.

- ALL EQUIPMENT IS NEW UNLESS OTHERWISE NOTED.
- PEDESTRIAN PUSH BUTTONS SHALL MEET ADA ACCESSIBILITY GUIDELINES. MOUNTING HEIGHT OF PPB IS 42" ABOVE FINISHED SIDEWALK SURFACE.
- R3-4 OR R10-12 M.A. SIGN SHALL BE INSTALLED 3'6" FROM END OF MAST ARM, (CENTER TO CENTER) UNLESS OTHERWISE SHOWN.
- ALL VEHICLE INDICATIONS SHALL BE 12" L.E.D.
- PEDESTRIAN PUSH BUTTON SIGNS SHALL MEET MUTCD R10-3e (CA), UNLESS OTHERWISE INDICATED BY THE ENGINEER.
- PEDESTRIAN PUSH BUTTON SIGNS SHALL FIT ON THE 9"x12" HOUSING WITHOUT ANY MODIFICATIONS.
- PEDESTRIAN HEADS SHALL BE COUNTDOWN TYPE.
- MAST ARM STREET NAME SIGNS ARE TO BE PER STOCKTON STANDARD DRAWING R-94 AND DETAIL 'E' ON SHEET 4.
- PEDESTRIAN PUSH BUTTON POLES SHALL BE TRIMMED AND CAPPED AT THE TOP EDGE OF THE R10-3e SIGNS.



SIGNAL STANDARD PLACEMENT DIMENSIONS
(CALTRANS STANDARD PLAN ES-4C)

DETECTOR TABLE			
DETECTOR NO.	Ø	NUMBER OF DETECTORS	DETECTOR TYPE
1	1A	1	CALL
2	2A	1	ADV RADAR
3	3A	1	CALL
5	5A	1	CALL
6	6A	1	ADV RADAR
7	7A	1	CALL
9	2B	1	STOP A
11	4B	1	STOP A
13	6B	1	STOP A
15	8B	1	STOP A
17	2E	1	SAMPLER
18	6E	1	SAMPLER
19	6F	1	SAMPLER
20	6G	1	SAMPLER
33	1B	1	BIKE
34	2D	1	BIKE
35	3B	1	BIKE
36	4D	1	BIKE
37	5B	1	BIKE
38	6D	1	BIKE
39	7B	1	BIKE
40	8D	1	BIKE
41	2C	1	DELAY
42	4C	1	DELAY
43	6C	1	DELAY

Fig. 21, 2023 - 5:20pm - USER address/line - stop traffic synchronization - stop traffic synchronization - stop traffic synchronization



NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL	
			APPROVED BY	DATE

Kimley»Horn
 1300 Clay Street, Suite 325
 Oakland, California 94612
 Phone: (510) 625-0712

DESIGNED UNDER THE SUPERVISION OF:

 KEVIN G. AGUIUI
 R.C.E. No. 048732
 DATE: 2/22/23



ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION

EQUIPMENT AND CONDUCTOR SCHEDULE
POCK LN

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

DATE: 02/21/2023
 SCALE: NONE
 DRAWN BY: MEW
 DESIGNED BY: ISW
 CHECKED BY: KGA

APPROVED BY:
 DATE:

SHEET NO. TS-01A
 SHEET 9 OF 22
 PROJECT NO. WT21011

5506.8C

NOT IN CONTRACT
FOR REFERENCE ONLY

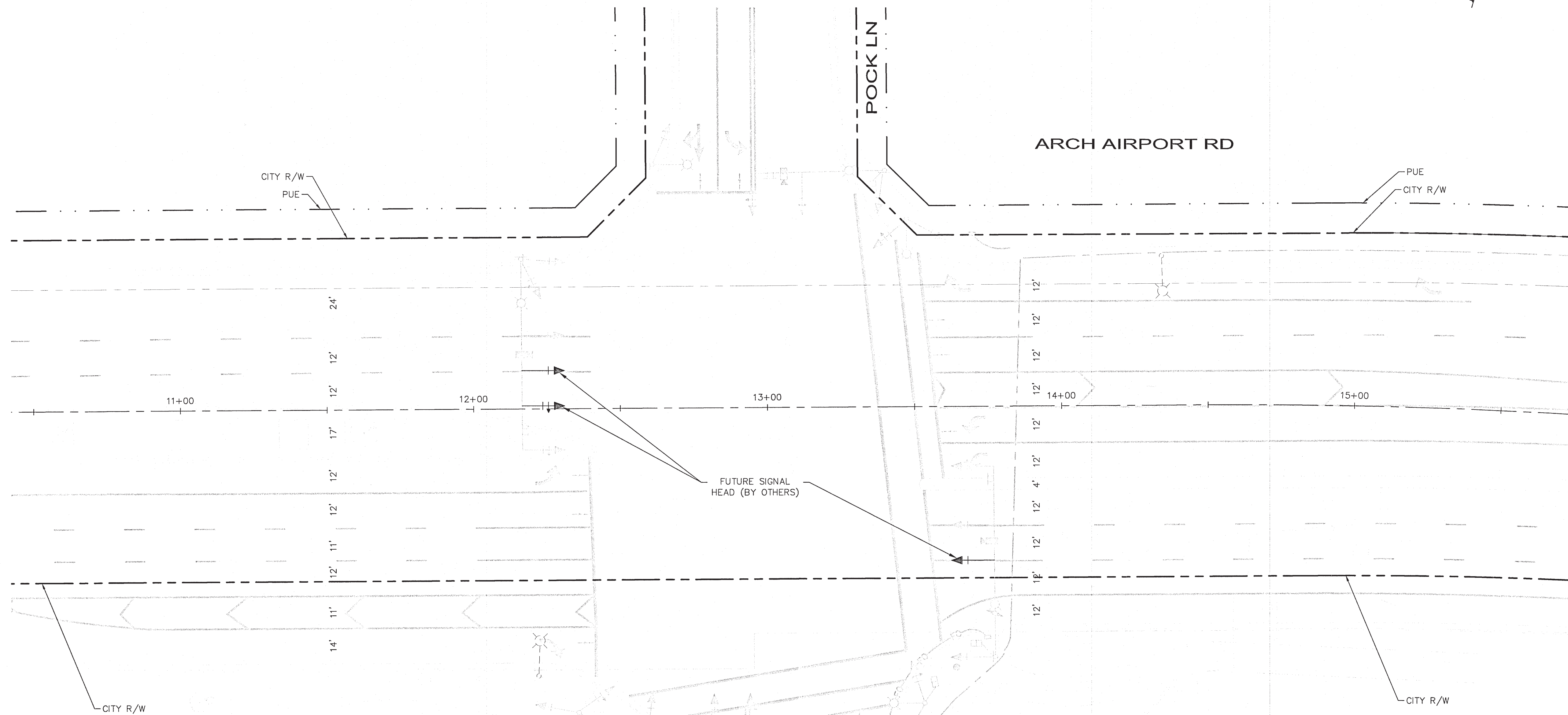
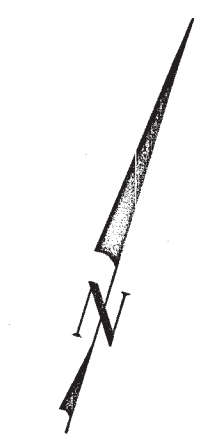
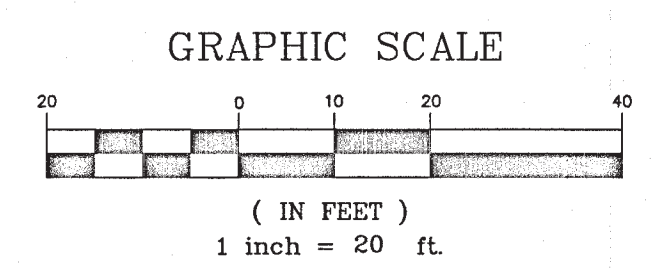


Fig. 21, 2023 - 5:21pm - USER address: c:\pwworking\kimley-horn\projects\stockton\arch-airport-traffic-synchronization - k:\pwworking\kimley-horn\projects\stockton\arch-airport-traffic-synchronization - k:\pwworking\kimley-horn\projects\stockton\arch-airport-traffic-synchronization - k:\pwworking\kimley-horn\projects\stockton\arch-airport-traffic-synchronization - k:\pwworking\kimley-horn\projects\stockton\arch-airport-traffic-synchronization

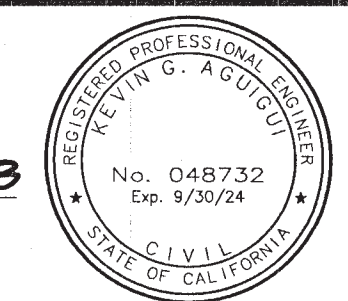


NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL	
			APPROVED BY	DATE

Kimley»Horn
 1300 Clay Street, Suite 325
 Oakland, California 94612
 Phone: (510) 625-0712
 © 2023

DESIGNED UNDER THE SUPERVISION OF:

 KEVIN G. AGUIQUI
 R.C.E. No. 048732
 DATE: 2/22/23



ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION

ULTIMATE STRIPING - ARCH AIRPORT RD

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

DATE: 02/21/2023	APPROVED BY: DATE: 2/16/23	SHEET NO. TS-01B
SCALE: 1"=20'	DESIGNED BY: ISW	SHEET 10 OF 22
DRAWN BY: MEW	CHECKED BY: KGA	PROJECT NO. WT21011
FOR REFERENCE ONLY		

5506.9C

CONDUCTOR AND CONDUIT SCHEDULE

AWG	CIRCUIT	1	2	3	4	5	6	7	8	9	10
#14	Ø1 SIGNALS	3	3							3	3
	Ø2 SIGNALS	3	3			3	3	3	3	3	3
	Ø3 SIGNALS	3	3							3	3
	Ø4 SIGNALS	6	6	3						3	3
	Ø5 SIGNALS	6	6	3	3	3	3	3	3	3	3
	Ø6 SIGNALS	6	6	3	3						3
	Ø7 SIGNALS	3	3	3							
	Ø8 SIGNALS	3	3							3	3
	Ø2 PED	2	2					2	2	2	2
	Ø4 PED	4	4	2	2			2	2	2	2
	Ø6 PED	2	2	2							
	Ø8 PED	2	2							2	2
	Ø2 PPB	1	1					1	1	1	1
	Ø4 PPB	2	2	1	1			1	1	1	1
	Ø6 PPB	1	1	1							1
Ø8 PPB	1	1								1	
PPB COMMON	2	2	1	1			1	1	1	1	
FCU (BACKUP)	3									3	
SPARES	6	6	3	3	3	3	3	3	3	3	
TOTAL	56	59	22	13	9	13	22	27	31	37	
SIGNAL COMMON	2	2	1	1	1	1	1	1	1	1	
#10	INTERSECTION LTG		2	2	2	2	2	2	2	2	
#8	CONTROLLER	2									
	SPERRY LTG 1	2			2	2	2	2	2	2	
	SPERRY LTG 2	2	2	2							
EVD	OPTICOM	5	5	1		1	1	1	3	3	4
	RADIO/GPS CABLE	1	1								1
DLC*	Ø1 DETECTORS	1	1	1	1						
	Ø2 DETECTORS	9	9			3	3	3	3	8	9
	Ø3 DETECTORS	1									
	Ø4 DETECTORS	2	2					2	2	2	2
	Ø5 DETECTORS	1	1								1
	Ø6 DETECTORS	9	9	5	5						4
	Ø7 DETECTORS	2	2					2	2	2	2
	Ø8 DETECTORS	2									
TOTAL	27	24	6	6	3	3	7	7	12	18	
CONDUIT SIZE (mm)		2-103	2-103	78	78	78	78	78	2-78	2-78	2-78
PERCENT FULL		20	20	20	14	14	15	21	15	18	25
VIDEO DETECTION CABLES											
Ø2+Ø5		1	1	-	-	1	1	1	1	1	1
Ø4+Ø7		1	1	1	-	-	-	-	-	-	-
Ø6+Ø1		1	1	-	-	-	-	-	-	-	1
Ø8+Ø3		1	1	-	-	-	-	-	1	1	1
TOTAL VIDEO DETECTION CABLES		4	4	1	-	1	1	1	2	2	3

*ALL STOP BAR AND ADVANCE LOOP DETECTORS TO BE ABANDONED IN PLACE. Ø2 AND Ø6 SAMPLER LOOP DETECTION TO BE PROTECTED IN PLACE.

POLE AND EQUIPMENT SCHEDULE

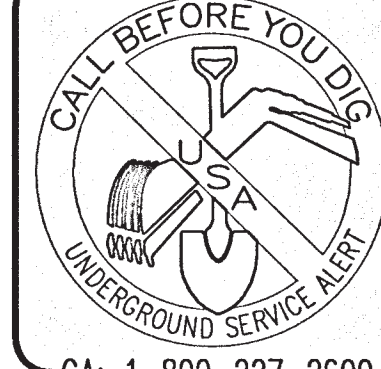
No.	TYPE	STANDARD		VEH SIG MTG			PED SIG MTG	PPB		HPS LUM	SPECIAL REQUIREMENTS	
		SMA	LMA	Ø	MAST ARM	Ø		POLE	Ø			ARROW
A	1-B	-	-	-	-	7	8	TV-2-T	SP-2-T	6	RIGHT	
B	29A-5-161	15.2	4.6	7	MAS MA	4	8	SV-1-T	SP-1-T	6	LEFT	310 W INSTALL EVD-B AND R73-6(CA) ON SMA. INSTALL VIDEO DETECTION CAMERA ON SMA.
C	15TS	-	4.6	-	-	5	6	SV-2-TA	SP-1-T	4	RIGHT	200 W
D	61A-5-161	19.8	4.6	5	MAS MAS	2	2	SV-1-T	-	-	-	310 W INSTALL EVD-A AND R73-2(CA) ON SMA. INSTALL VIDEO DETECTION CAMERA ON SMA.
E	1-B(2.1)	-	-	-	-	-	-	TP-1-T	4	RIGHT	-	
F	1-B	-	-	-	-	3	4	TV-2-T	SP-1-T	2	LEFT	
G	29A-5-161	15.2	4.6	3	MAS MAS	8	8	SV-1-T	SP-1-T	2	LEFT	310 W INSTALL EVD-D AND R73-3(CA) ON SMA. INSTALL AUXILIARY EVD-B ON BACKSIDE OF SMA. INSTALL VIDEO DETECTION CAMERA ON SMA.
H	15TS	-	4.6	-	-	1	2	SV-2-TB	SP-1-T	8	RIGHT	200 W
I	61A-5-161	19.8	4.6	1	MAS MAS	6	6	SV-1-T	-	-	-	310 W INSTALL EVD-C AND R73-2 ON SMA. INSTALL BACKUP PPB ON TOP OF POLE. INSTALL VIDEO DETECTION CAMERA ON SMA.
J	PPB POST	-	-	-	-	-	-	-	8	LEFT	-	

POLE LOCATION	"A" DIMENSION	"B" DIMENSION	SIDEWALK ELEV
A	7.6	2.3	
B	9.4	2.3	
C	0.8	2.1	
D	0.2	1.2	
E	11.0	1.8	(SEE CIVIL IMPROVEMENT PLANS)
F	12.4	2.0	
G	2.7	2.0	
H	5.2	2.0	
I	-0.4	1.3	
J	10.5	2.3	

SENSOR TABLE

CH/DET	LOOP DETECTORS	
1	1A	(1)
2	12A	(1)
3	13A	(1)
4	14A	(1)
1	5A	(1)
2	6A	(1)
3	7A	(1)
4	8A	(1)
1	2B	(1)
2	2C	(1)
3	2F	(1)
4	6E	(1)
1	4B	(1)
2	6B	(1)
3	6C	(1)
4	7B	(1)
1	2D	(BIKE) (1)
2	6F	(BIKE) (1)
3	6D	(1)
4	6B	(1)
1	6B (DELAY)	(1)
1	2C (SAMPLER)	(1)
2	2H (SAMPLER)	(1)
3	2I (SAMPLER)	(1)
4		
1	6F (SAMPLER)	(1)
2	6G (SAMPLER)	(1)
3	6H (SAMPLER)	(1)
4	6I (SAMPLER)	(1)
1	1B (BIKE)	(1)
2	3B (BIKE)	(1)
3	7C (BIKE)	(1)
4	8C (BIKE)	(1)

CA: 1-800-227-2600



CA: 1-800-227-2600
CALL TWO WORKING DAYS BEFORE YOU DIG

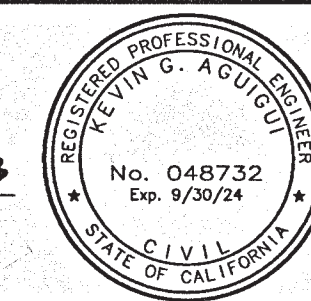
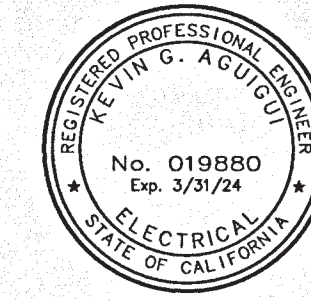
Fig. 21, 2023 - 5:21pm - USER: adrew.willow - k:\p\04\plan sheet\175-02A.dwg

NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL	
			APPROVED BY	DATE



DESIGNED UNDER THE SUPERVISION OF:

 KEVIN G. AGUIRI
 R.C.E. No. 048732
 DATE: 2/22/23



ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION

EQUIPMENT AND CONDUCTOR SCHEDULE
 FRENCH CAMP RD

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

DATE: 02/21/2023
 SCALE: NONE
 DRAWN BY: MEW
 DESIGNED BY: ISW
 CHECKED BY: KGA
 APPROVED BY:
 DATE: 2/14/23
 CITY ENGINEER
 STOCKTON, CALIFORNIA
 SHEET NO. TS-02A
 SHEET 12 OF 22
 PROJECT NO. WT21011

5506.IIC

CONDUCTOR AND CONDUIT SCHEDULE

ANG OR CABLE	CONDUCTOR RUN	CONDUIT SIZE AND RUN NUMBERS									
		1	2	3	4	5	6	7	8	9	10
#14	ø1 VEH	3				3	3	3	3		3
	ø2 VEH	3				3	3		3		
	ø3 VEH	3			3	3		3	3		3
	ø4 VEH	3							3		3
	ø5 VEH	3							3		3
	ø6 VEH	3							3		3
	ø2 PED	2				2	2		2		
	ø4 PED	2			2				2		2
	ø2 PPB	2			2						2
	ø4 PPB	2							2		2
PPB COM	1			1	1			1		1	
PEU		3						3			
SPARES	6				3	3	3	3		3	
TOTAL #14	33	3		6	17	11	15	31		23	
#8	SIGNAL COMMON	1				1	1	1	1		1
	INT LTG		2		2	2		2	2		2
#6	PERFORM S LTG		2								
	TRAFFIC SIGNALS	2	2								
	GROUND	1	1	1		1	1	1	1		1
	SPERRY E LTG		2						2		
	SPERRY W LTG			4		4	4	2			
DETECTOR* LEAD-IN CABLE	PERFORMANCE OLD SPERRY LTG		6						6		6
	ø1	1						1	1	1	
	ø2	3		3		3	3				
	ø3	2						2	2		2
	ø4	3									
	ø5	1		1		1	1				
	ø6	2							2	2	2
	2E2F, SAMPLER	2							2		
	ø6E, SAMPLER	2						2	2		2
	ø2 ADVANCE	1		1		1	1				
ø6 ADVANCE	1							1	1	1	
TOTAL DLC	18		5		5	5	4	10	4	8	
EV CABLE	EVA (ø1 & ø6)	1						1			
	EVB (ø4)	1						1	1	1	
	EVC (ø2 & ø5)	1						1	1		1
EVD (ø3)	1				1						
GPS ANTENNA CABLE	1							1			
CCTV	#10 POWER		2	2		2	2				
	3 #14 (CMNH)							1	1		1
CONDUIT SIZE	2-4"	3"	3"	2"	4"	3"	4"	4"	3"	4"	
PERCENT FILL	15	21	11	4	12	16	15	23	10	17	
VIDEO DETECTION CABLES											
ø2+ø5	1	-	-	-	-	-	-	1	-	-	-
ø4+ø7	1	-	-	-	-	-	-	1	-	1	-
ø6+ø1	1	-	-	-	-	-	-	1	1	-	1
ø8+ø3	1	-	-	-	1	-	-	-	-	-	-
TOTAL VIDEO DETECTION CABLES	4	0	0	0	1	0	1	3	0	2	

*ALL STOP BAR AND ADVANCE LOOP DETECTORS TO BE ABANDONED IN PLACE. ø2 AND ø6 SAMPLER LOOP DETECTION TO BE PROTECTED IN PLACE.

POLE AND EQUIPMENT SCHEDULE

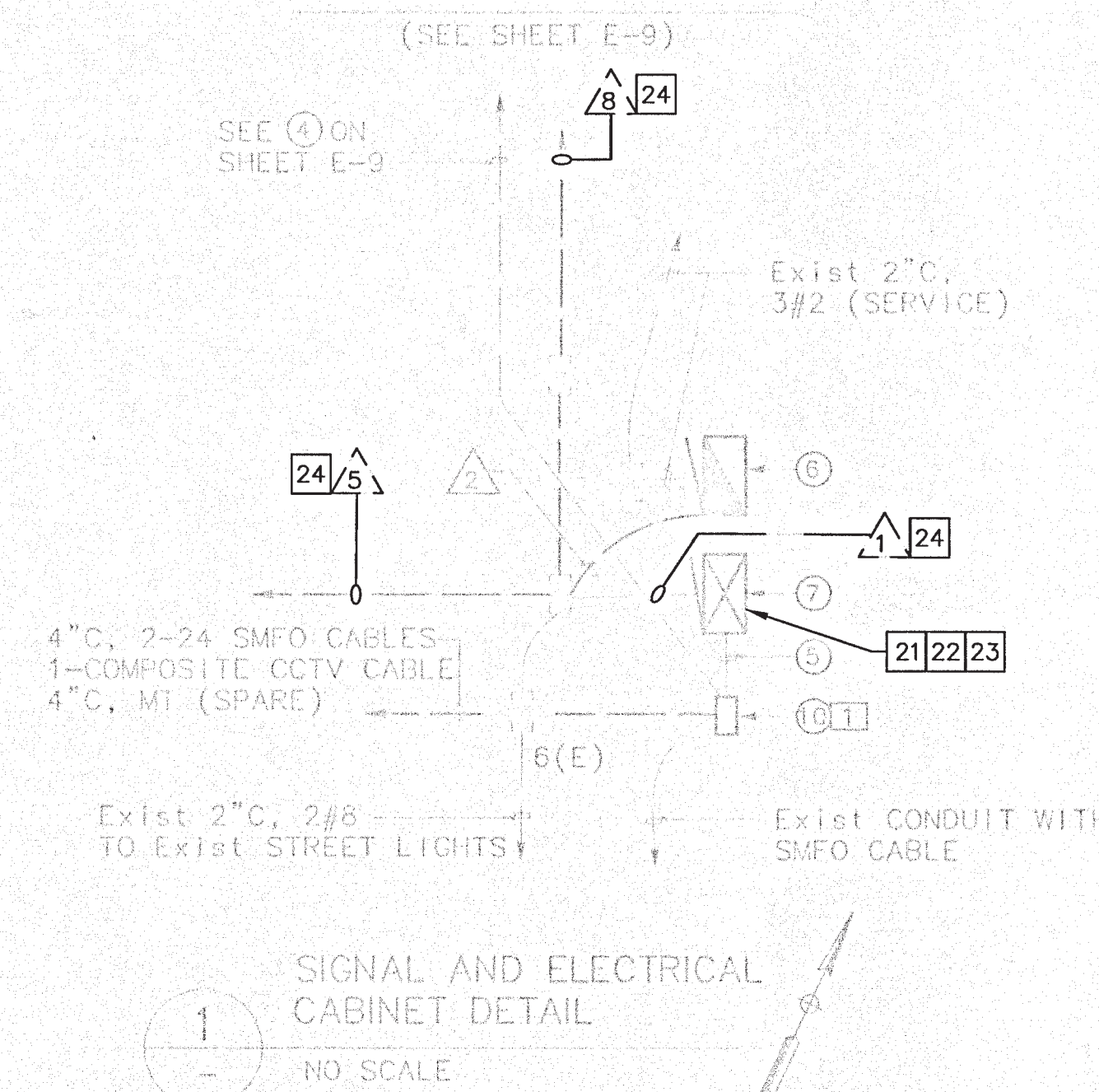
LOC	STANDARD		PLACEMENT		LUMINAIRE TYPE B	SIGNAL MOUNTING		PPB PHASE	REMARKS	
	TYPE	SMA	LMA	A		B	VEHICLE			PED
A	26-4-100	45	15'	25	3.5	200 W	MAS MAS	SV-3-TC	POLE HEIGHT "A" = 28'-00" REINSTALL EXIST R3-4 SIGN (NO U TURN) INSTALL SIGN READING "PERFORMANCE DR" INSTALL EVC, STRAIGHT LMA'S. INSTALL PTZ CAMERA. SEE E-15. INSTALL VIDEO DETECTION CAMERA ON SMA.	
B	60-5-100	65	15'	40	2.3	200 W	MAS MAT	SV-3-TB	ALL NEW SIGNAL EQUIPMENT INSTALL SIGN READING "SPERRY ROAD" INSTALL SIGN R3-4 (NO U TURN) INSTALL EVB INSTALL VIDEO DETECTION CAMERA ON SMA.	
C	29-5-100	55	15'	18	2.5	200 W	MAS MAS	SV-1-T	SP-1-T	ø4P LEFT ALL NEW SIGNAL EQUIPMENT INSTALL SIGN READING "PERFORMANCE DR". SEE SHEET E-9 INSTALL R3-4 SIGN (NO U TURN) INSTALL GPS CAMERA ON POLE 2' ABOVE MAST ARM FACING STREET INSTALL EVA INSTALL PEU ON TOP OF POLE INSTALL VIDEO DETECTION CAMERA ON SMA.
D	1-B			20	2.5			TV-2-T	SP-1-T	ø2P RIGHT ALL NEW SIGNAL EQUIPMENT
E	29-5-100	55	15'	30	2.5	200 W	MAS MAS	SV-1-T		ø2P LEFT INSTALL SIGN READING "SPERRY ROAD" INSTALL SIGN READING R3-4 (NO U TURN) INSTALL EVD INSTALL VIDEO DETECTION CAMERA ON SMA.
F	1-B			12	2.5			TV-2-T	SP-1-T	
G	15TS				3	200 W		SV-1-T	SP-1-T	INSTALL THIS POLE ON CONCRETE SLAB WITHIN 5'-0" OF PED RAMP AS SHOWN ON CIVIL PLANS

SENSOR TABLE

CH	DET	LOOP DETECTORS	
1		1A	(1)
2		2A	(1)
3	1	3A	(1)
4		4A	(1)
5		5A	(1)
6	2	6A	(1)
7		4B	(1)
8		3B	(1)
9		2B	(1)
10	3	2C	(1)
11		2D	(1)
12		6B	(1)
13		1B (BIKE)	(1)
14		4C	(1)
15	4	3C (BIKE)	(1)
16		4D (BIKE)	(1)
17		2E (SAMPLER)	(1)
18		2F (SAMPLER)	(1)
19	5	6D (SAMPLER)	(1)
20		6E (SAMPLER)	(1)
21	()	102G (BIKE) SENSOR	(1)
22	6	5B (BIKE)	(1)
23		6F (BIKE)	(1)
24		OPEN	

() LOOPS PER SENSOR

CONSTRUCTION NOTES



CONSTRUCTION NOTES: (THIS SHEET ONLY)

- 21 REMOVE EXISTING CONTROLLER FROM TRAFFIC SIGNAL CABINET. FURNISH AND INSTALL NEW CITY STANDARD CONTROLLER AND SOFTWARE IN CONTROLLER CABINET.
- 22 FURNISH AND INSTALL MANAGED FIBER ETHERNET SWITCH IN TRAFFIC SIGNAL CABINET.
- 23 FURNISH AND INSTALL VIDEO DETECTION SYSTEM IN TRAFFIC SIGNAL CABINET.
- 24 FURNISH AND INSTALL VIDEO DETECTION CABLE(S) IN EXISTING CONDUIT. SEE CONDUCTOR SCHEDULE FOR MORE INFORMATION.

CA: 1-800-227-2600



CA: 1-800-227-2600

CALL TWO WORKING DAYS BEFORE YOU DIG

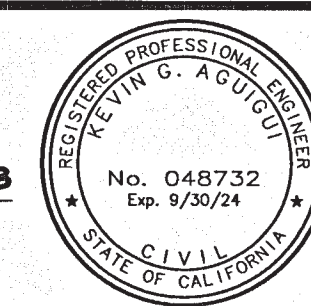
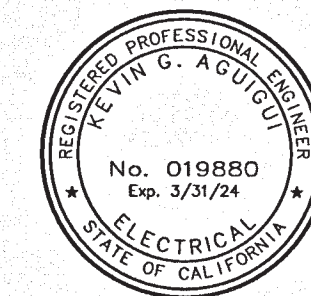
NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL APPROVED BY	DATE

Kimley»Horn
1300 Clay Street, Suite 325
Oakland, California 94612
Phone: (510) 625-0712

DESIGNED UNDER THE SUPERVISION OF:

[Signature]
KEVIN G. AGUIGUI
R.C.E. No. 048732

2/22/23
DATE



ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION

EQUIPMENT AND CONDUCTOR SCHEDULE PERFORMANCE DR

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

DATE: 02/21/2023
SCALE: NONE
DRAWN BY: MEW
DESIGNED BY: TSW
CHECKED BY: KGA

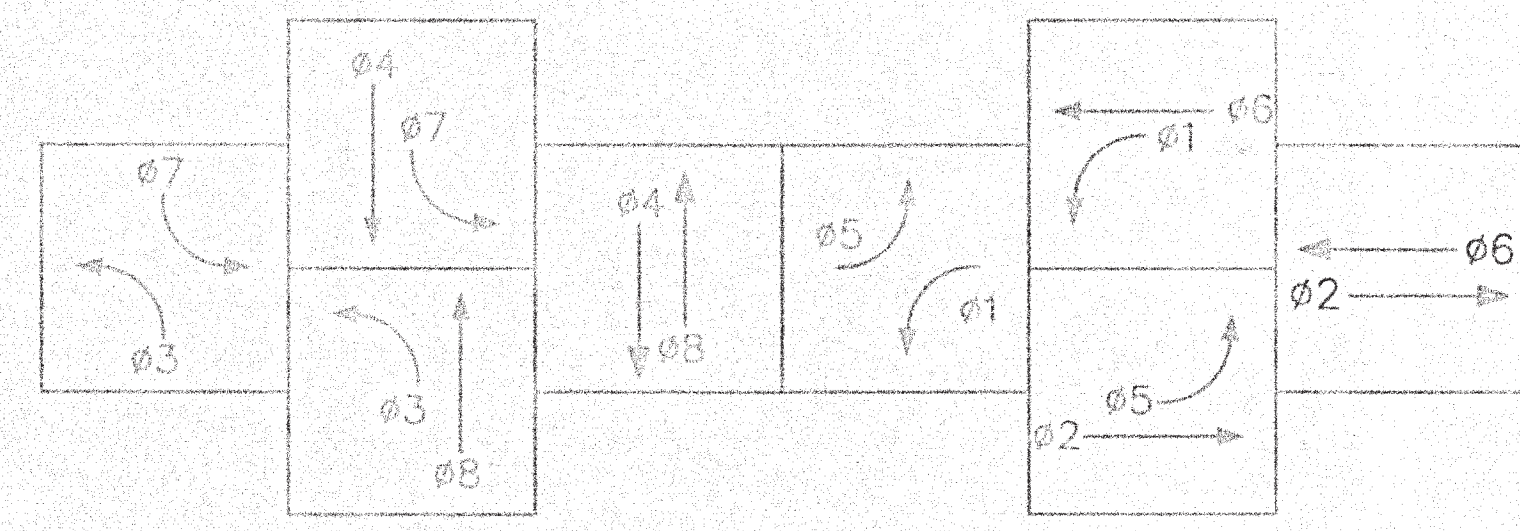
APPROVED BY: *[Signature]*
DATE: *[Signature]*
CITY ENGINEER
STOCKTON, CALIFORNIA

SHEET NO.
TS-03A
SHEET 14 OF 22
PROJECT NO.
WT21011

5506.13C

CONSTRUCTION NOTES: (THIS SHEET ONLY)

- 21 REMOVE EXISTING CONTROLLER FROM TRAFFIC SIGNAL CABINET. FURNISH AND INSTALL NEW CITY STANDARD CONTROLLER AND SOFTWARE IN CONTROLLER CABINET.
- 22 FURNISH AND INSTALL MANAGED FIBER ETHERNET SWITCH IN TRAFFIC SIGNAL CABINET.

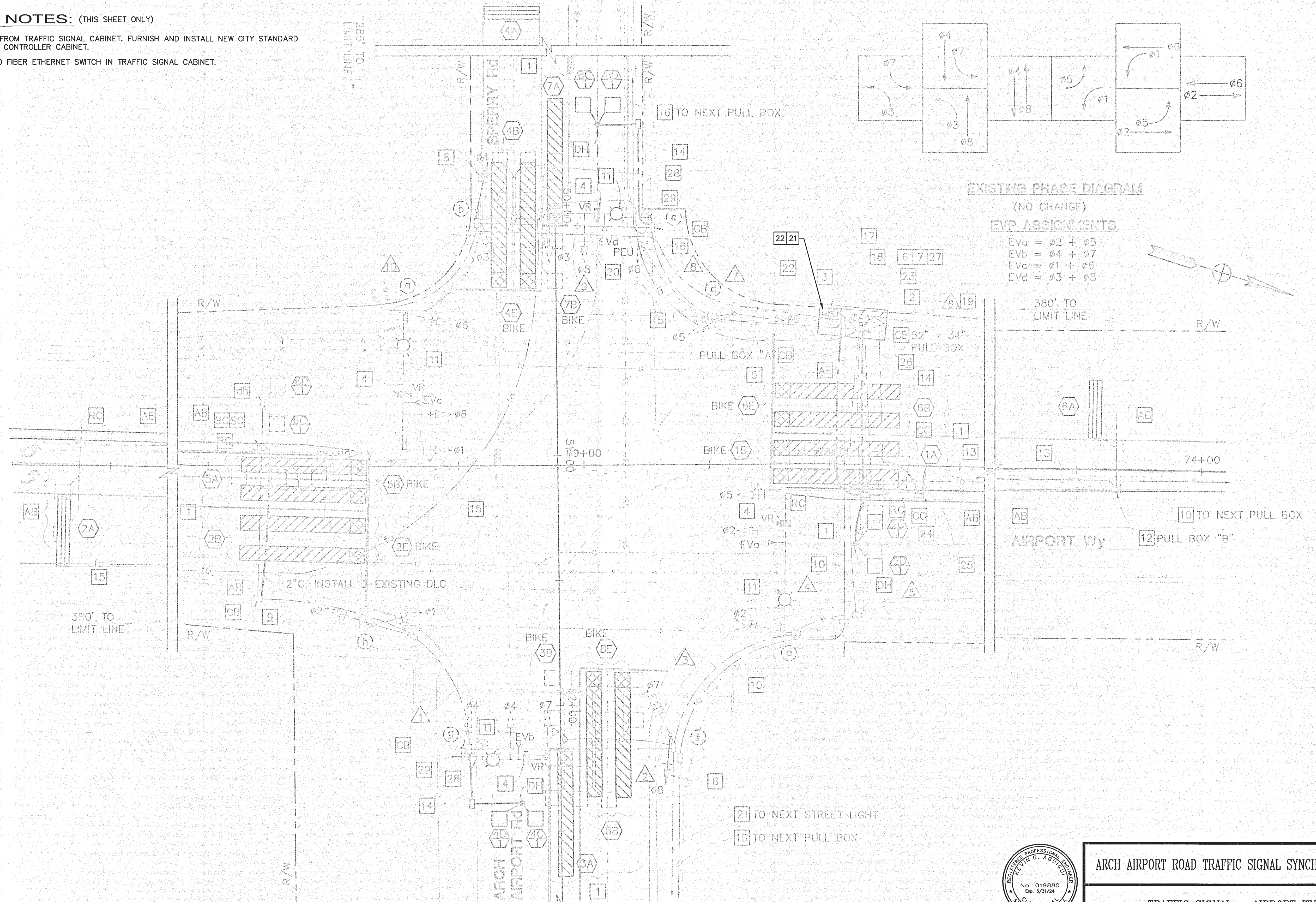


EXISTING PHASE DIAGRAM

(NO CHANGE)

EVP ASSIGNMENTS

- EVa = $\phi 2 + \phi 5$
- EVb = $\phi 4 + \phi 7$
- EVc = $\phi 1 + \phi 6$
- EVd = $\phi 3 + \phi 8$

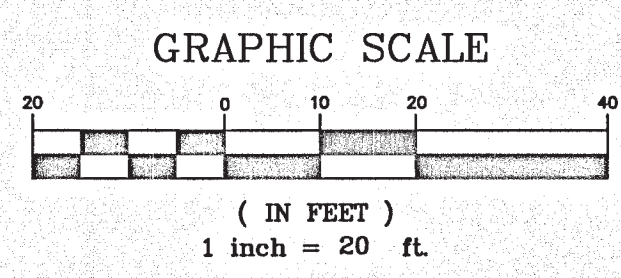


380' TO LIMIT LINE

380' TO LIMIT LINE

AIRPORT WY

ARCH AIRPORT RD

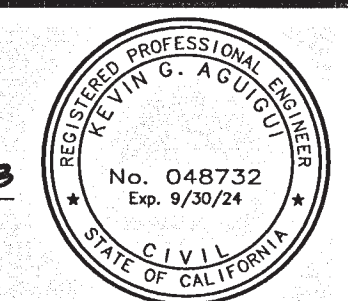


NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL	
			APPROVED BY	DATE

Kimley»Horn
 1300 Clay Street, Suite 325
 Oakland, California 94612
 Phone: (510) 625-0712

DESIGNED UNDER THE SUPERVISION OF:

 KEVIN G. AGUIUI
 R.C.E. No. 048732



ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION

TRAFFIC SIGNAL - AIRPORT WY

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

DATE: 02/21/2023
 SCALE: 1"=20'
 DRAWN BY: MEW
 DESIGNED BY: ISW
 CHECKED BY: KGA

APPROVED BY:
 DATE: 2/22/23
 CITY ENGINEER
 STOCKTON, CALIFORNIA

SHEET NO. TS-04
 SHEET 15 OF 22
 PROJECT NO. WT21011

5506.14C


Fig. 21, 2023 - 5/23/23 - USER: andrew.williamson - station: arch-airport-traffic-synchronization - k:\a\c\williamson\sheet\15-TS-04.dwg

CONDUCTOR SCHEDULE

AWG SIZE OR CABLE SIZE	POLE OR CIRCUIT	NUMBER OF CONDUCTORS									
		RUN NUMBER									
		EX 1	EX 2	EX 3	EX 4	EX 5	EX 6	EX 7	EX 8	EX 9	EX 10
3-12-2B WIRE CONDUCTOR CABLE	POLE a						1-1-0	1-1-0	1-1-0	1-1-0	1-1-0
	POLE b						1-1-0	1-1-0	1-1-0	1-1-0	1-1-0
	POLE c						1-1-0	1-1-0	1-1-0	1-1-0	1-1-0
	POLE d						1-1-0	1-1-0	1-1-0	1-1-0	1-1-0
	POLE e				1-1-0	1-1-0	1-1-0				
	POLE f			1-1-0	1-1-0	1-1-0	1-1-0				
	POLE g	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1				
	POLE h	1-1-0	1-1-0	1-1-0	1-1-0	1-1-0	1-1-0				
TOTAL CABLE	1-1-0	2-1-1	3-2-1	4-3-1	4-3-1	8-7-1	4-4-0	4-4-0	2-2-0	1-1-0	
No. 8 CONDUCTOR LIGHTING		2	2	2	2		2	2	2	2	
DETECTOR LEAD-IN CABLE (DLC)											
Ø1						1-					
Ø2	1-	1-	1-	1-	1-	4-					
Ø3						1-					
Ø4		2+	2+	2+	2+	2-	2-	2-	2-		
Ø5	1-	1-	1-	1-	1-	1-					
Ø6	3-	3-	3-	3-	3-	4-					
Ø7						1-	1-	1-	1-		
Ø8			2-	2-	2-	2-	2+	2+			
Ø2 SAMPLERS						2-					
Ø6 SAMPLERS	2	2	2	2	2	2					
TOTAL DLC	2	4	4	4	4	8	2	2			
EVP CABLE		1	1	2	2	4	2	2	1	1	
CAT5E CABLE (VIDEO DETECTION)		1+	1+	2+	2+	4+	2+	2+	1+	1+	
CCTV POWER CABLE		1	1	1	1	1					
CCTV COMMUNICATION CABLE		1	1	1	1	1					
12-STRAND FO CABLE						1					
24-STRAND FO CABLE						3					
CONDUIT SIZE (INCHES)		3	4	4	4	4	2-3"	4	4	5	3
% FILL		10	18	23	30	30	49	26	26	22	14

"+" = ADD NEW CONDUCTOR(S)/CABLE(S).
 "--" = REMOVE EXISTING CONDUCTOR(S)/CABLE(S).
 "+*" = REMOVE EXISTING CONDUCTOR(S)/CABLE(S). ADD NEW CONDUCTOR(S)/CABLE(S) AS INDICATED.

CA: 1-800-227-2600




CALL TWO WORKING DAYS BEFORE YOU DIG

FOR REFERENCE ONLY. NO WORK ON THIS SHEET.

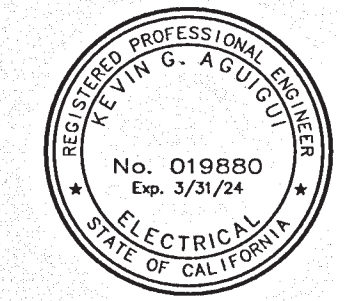
POLE AND EQUIPMENT SCHEDULE

Loc	TYPE	HGT	SIG	LUM	STANDARD MAST ARM			VEHICLE SIGNAL HEADS		PED SIGNAL MOUNTING	APS		LED LUMINAIRE (WATTS)	REMARKS
					Ø	SIZE	MTG	Ø	ARROW					
(a)	EXISTING 29-5-70	30'	55'	15'	1	A	MAS					107	SEE NOTES [4] AND [11] ON SHEET E-6.	
					6	12"	MAS							
(b)	EXISTING 1-B	10'			3	A	TV-2-T						SEE NOTE [8] ON SHEET E-6.	
					4	12"	TV-2-T							
(c)	EXISTING 26-4-80	30'	40'	15'	3	A	MAS					107	SEE NOTES [4], [11], [28] AND [29] ON SHEET I	
					8	12"	SV-1-T							
(d)	EXISTING 1-B	10'			5	A	TV-2-T							
					6	12"	TV-2-T							
(e)	EXISTING 29-5-70	30'	55'	15'	5	A	MAS					107	SEE NOTES [4], [11] AND [28] ON SHEET E-6.	
					2	12"	MAS							
(f)	EXISTING 1-B	10'			7	A	TV-2-T						SEE NOTE [8] ON SHEET E-6.	
					8	12"	TV-2-T							
(g)	EXISTING 26-4-80	30'	35'	15'	7	A	MAS					107	SEE NOTES [4], [11], [28] AND [29] ON SHEET I	
					4	12"	MAS							
(h)	EXISTING 1-B	10'			1	A	TV-2-T							
					2	12"	TV-2-T							

A = 3-12" ARROW HEAD SECTIONS.
 = INSTALL NEW EQUIPMENT.

SENSOR TABLE

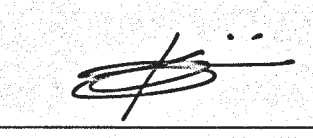
	DETECTOR CHANNEL	ASSIGNED PHASE	NOTE
1	1	2A	RADAR ADVANCE
	2	4A	RADAR ADVANCE
	3	6A	RADAR ADVANCE
	4	8A	RADAR ADVANCE
2	5	1A	CALL
	6	1B	BIKE
	7	2B	CALL
	8	2E	BIKE
3	9	3A	CALL
	10	3B	BIKE
	11	4B	CALL
	12	4E	BIKE
4	13	5A	CALL
	14	5B	BIKE
	15	6B	CALL
	16	6E	BIKE
5	17	7A	CALL
	18	7B	BIKE
	19	8B	CALL
	20	8E	BIKE
6	21	2C	SAMPLER
	22	2D	SAMPLER
	23	4C	SAMPLER
	24	4D	SAMPLER
7	25	6C	SAMPLER
	26	6D	SAMPLER
	27	8C	SAMPLER
	28	8D	SAMPLER

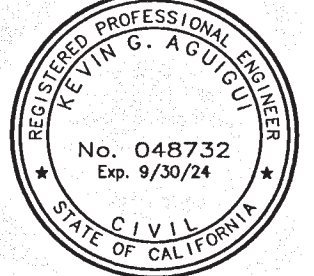


ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION
 EQUIPMENT AND CONDUCTOR SCHEDULE
 AIRPORT WY

NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL	
			APPROVED BY	DATE

Kimley Horn
 1300 Clay Street, Suite 325
 Oakland, California 94612
 Phone: (510) 625-0712

DESIGNED UNDER THE SUPERVISION OF:

 KEVIN G. AGUIUI
 R.C.E. No. 048732



DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

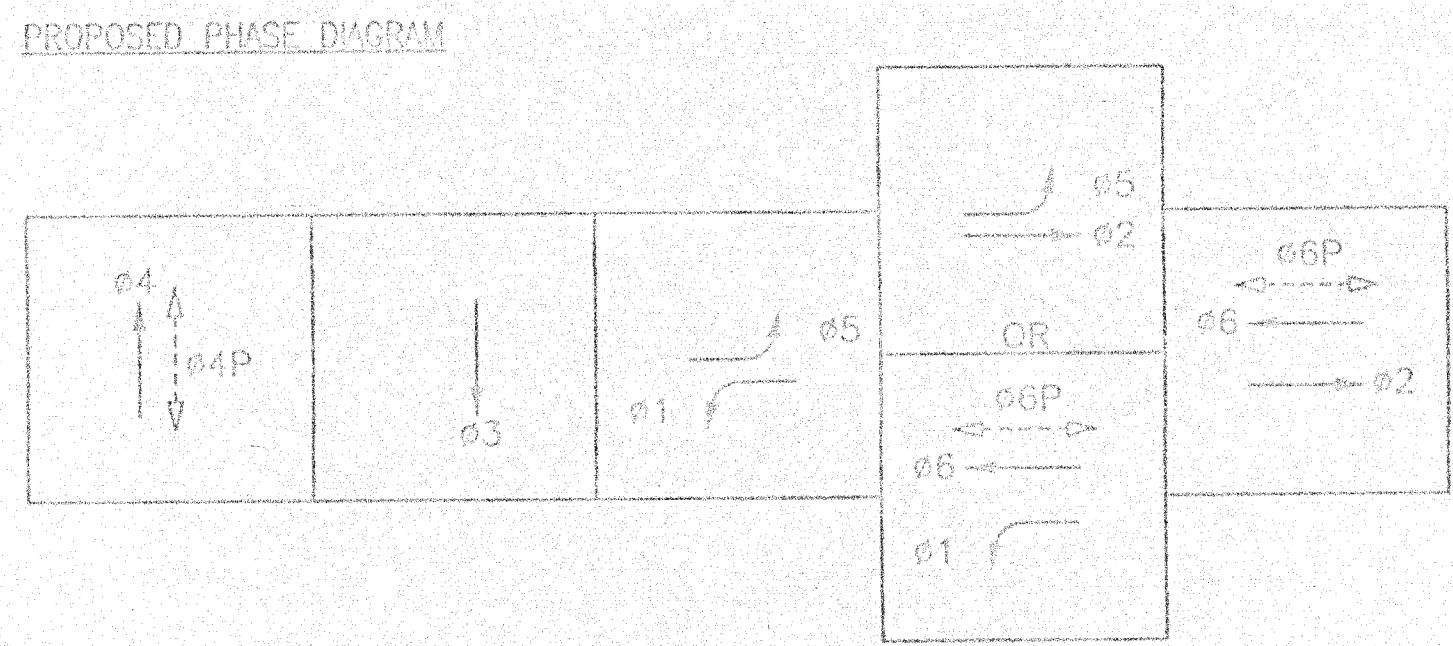
DATE: 02/21/2023
 SCALE: NONE
 DRAWN BY: MEW
 DESIGNED BY: ISW
 CHECKED BY: KGA

APPROVED BY: DATE: 2/14/23
 FOR REFERENCE ONLY
 CITY ENGINEER
 STOCKTON, CALIFORNIA

SHEET NO. TS-04A
 SHEET 16 OF 22
 PROJECT NO. WT21011

SIGNAL STANDARD PLACEMENT DIMENSIONS
PER CALTRANS STANDARD ES-4C

POLE LOCATION	"A" DIMENSION	"B" DIMENSION
(A)	23.63'	7.49'
(L)	21.93'	3.60'
(C)	11.50'	5.19'
(D)	-1.87'	3.33'
(E)	2.77'	3.71'
(F)	23.64'	6.67'
(G)	8.90'	5.04'
(H)	5.43'	1.93'



STEADY DEMAND SEQUENCE

EMERGENCY VEHICLE PREEMPT (EVP)
 CHANNEL A = $\phi 2 + \phi 5$
 CHANNEL B = $\phi 4$
 CHANNEL C = $\phi 6 + \phi 1$
 CHANNEL D = $\phi 3$

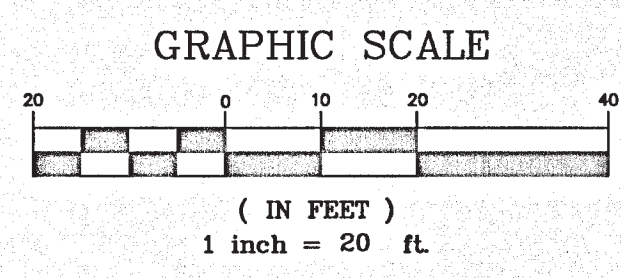
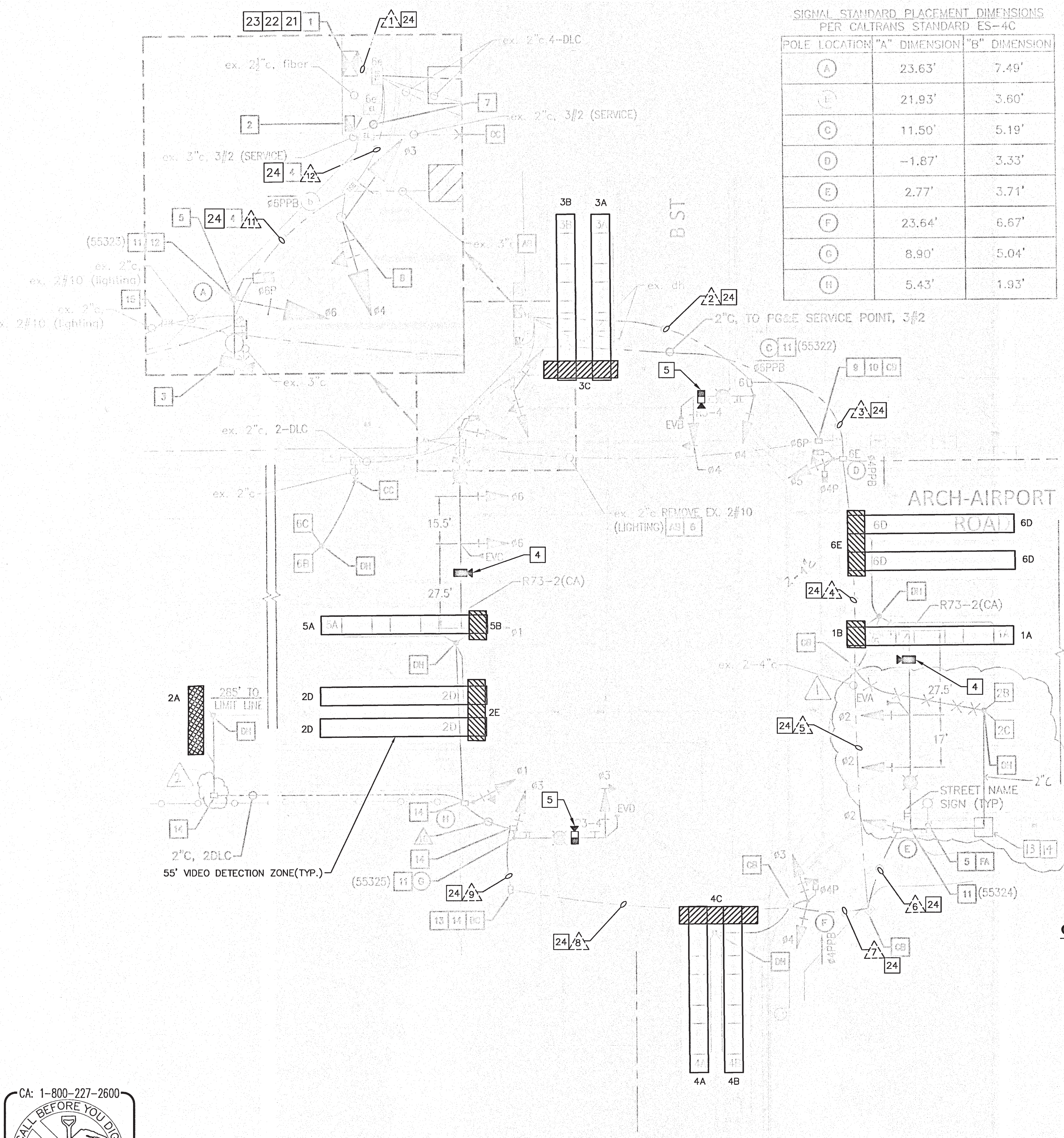
SENSOR TABLE

CHANNEL	DETECTOR	LOOP DETECTORS	# OF LOOPS	NOTE
1		1A	4 (VIDEO)	CALL
2	1	2A	2 (VIDEO)	ADVANCE
3		3A	4 (VIDEO)	CALL
4		4B	4 (VIDEO)	CALL
5		5A	4 (VIDEO)	CALL
6	2	6A	3 (VIDEO)	ADVANCE
7		4A	4 (VIDEO)	CALL
8		3B	4 (VIDEO)	CALL
9		1B	2 (VIDEO)	BIKE
10	3	2D	2 (VIDEO)	CALL
11		3C	1 (VIDEO)	BIKE
12		4C	1 (VIDEO)	BIKE
	4	5B	1 (VIDEO)	BIKE
		6D	2 (VIDEO)	CALL
		2E	1 (VIDEO)	BIKE
		6E	1 (VIDEO)	BIKE
17		2B	1	SAMPLER
18	5	2C	1	SAMPLER
19		6B	1	SAMPLER
20		6C	1	SAMPLER

NOTES:
 SEE CITY OF STOCKTON STANDARD DRAWINGS R-96 FOR DETECTOR LOOP PLACEMENT AND R-97 LOOP INSTALLATION DETAILS. SEE SHEET CD-1 DETAIL F FOR SAMPLER LOOP INSTALLATION.

CONSTRUCTION NOTES: (THIS SHEET ONLY)

- 4 FURNISH AND INSTALL MULTI-SENSOR VIDEO DETECTION CAMERA ON TRAFFIC SIGNAL MAST ARM. SEE DETAIL F1, SHEET DT-03, FOR MOUNTING DETAILS.
- 5 FURNISH AND INSTALL VIDEO DETECTION CAMERA ON TRAFFIC SIGNAL MAST ARM. SEE DETAIL F2, SHEET DT-03, FOR MOUNTING DETAILS.
- 21 REMOVE EXISTING CONTROLLER FROM TRAFFIC SIGNAL CABINET. FURNISH AND INSTALL NEW CITY STANDARD CONTROLLER AND SOFTWARE IN CONTROLLER CABINET.
- 22 FURNISH AND INSTALL MANAGED FIBER ETHERNET SWITCH IN TRAFFIC SIGNAL CABINET.
- 23 FURNISH AND INSTALL VIDEO DETECTION SYSTEM IN TRAFFIC SIGNAL CABINET.
- 24 FURNISH AND INSTALL VIDEO DETECTION CABLE(S) IN EXISTING CONDUIT. SEE CONDUCTOR SCHEDULE FOR MORE INFORMATION.



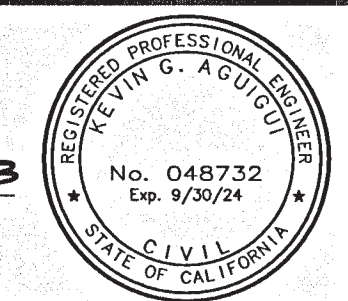
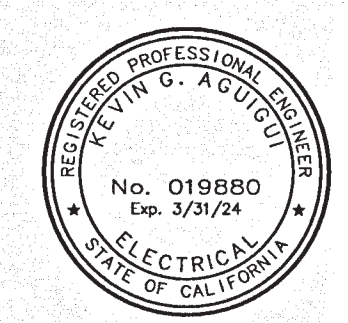
NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL APPROVED BY	DATE

Kimley»Horn
 1300 Clay Street, Suite 325
 Oakland, California 94612
 Phone: (510) 625-0712

DESIGNED UNDER THE SUPERVISION OF:

 KEVIN G. AGUIUI
 R.C.E. No. 048732

DATE: 2/22/23



ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION

TRAFFIC SIGNAL - B ST

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

DATE: 02/21/2023
 SCALE: 1"=20'
 DRAWN BY: MEW
 DESIGNED BY: ISW
 CHECKED BY: KGA

APPROVED BY:
 DATE: 2/22/23
 CITY ENGINEER
STOCKTON, CALIFORNIA

SHEET NO. TS-05
 SHEET 17 OF 22
 PROJECT NO. WT21011

CA: 1-800-227-2600

CALL BEFORE YOU DIG
 UNDERGROUND SERVICE ALERT
 CALL TWO WORKING DAYS BEFORE YOU DIG

Fig. 21, 2023 - 5:24pm - USER: c:\pwworking\kimley-horn.com\planning\1715-04-00\1715-04-00.dwg - 1715-04-00.dwg
 File Path: C:\pwworking\kimley-horn.com\planning\1715-04-00\1715-04-00.dwg
 User: c:\pwworking\kimley-horn.com\planning\1715-04-00\1715-04-00.dwg
 Date: 2/22/23 5:24:00 PM
 Plot Date: 2/22/23 5:24:00 PM
 Plot Scale: 1:1
 Plot Size: 11.00 x 17.00
 Plot Orientation: Landscape
 Plot Range: All
 Plot Style: Default.ctb
 Plot Color: Black
 Plot Lineweight: 0.20
 Plot Linetype: Solid
 Plot Font: Arial, 10
 Plot Units: Feet
 Plot Precision: 2
 Plot Decimal Separator: .
 Plot Fraction Separator: /
 Plot Angle: 0
 Plot Rotate: 0
 Plot Mirror: No
 Plot Plotter: HP DesignJet 5000 Series PCL6
 Plot Driver: HP DesignJet 5000 Series PCL6
 Plot Device: HP DesignJet 5000 Series PCL6
 Plot Port: \\localhost\usb001\HP DesignJet 5000 Series PCL6
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 Plot Orientation: Landscape
 Plot Range: All
 Plot Style: Default.ctb
 Plot Color: Black
 Plot Lineweight: 0.20
 Plot Linetype: Solid
 Plot Font: Arial, 10
 Plot Units: Feet
 Plot Precision: 2
 Plot Decimal Separator: .
 Plot Fraction Separator: /
 Plot Angle: 0
 Plot Rotate: 0
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5506.16C

AWG	CIRCUIT	CONDUCTOR TABLE											
		RUNS											
		1	2	3	4	5	6	7	8	9	10	11	12
NO.	#1 SIGNALS	6	3	3	3	3		3	3	3	3	3	3
	#2 SIGNALS	3	3	3	3	3	3						
	#3 SIGNALS	6	3	3	3	3		3	3	3			3
	#4 SIGNALS	6	3	3	3	3							3
	#5 SIGNALS	3	3	3	3	3	3						
	#6 SIGNALS	3										3	3
NO.	#4P	2	2	2	2	2		2					
	#6P	4	2	2								2	2
	PPB(#4P)	1	1	1	1	1		1					
	PPB(#6P)	2	1										1
	PPB COMMON	1	1	1	1	1		1					1
	PEU	3										3	3
NO.	SPARES	3	3	3	3	3	3	3	3	3	3	3	3
	TOTAL No. 14	43	25	24	22	22	9	16	9	9	6	14	22
	SAFETY LIGHTING		2	2	2	2	2	2	2	2		2	2
	ROADWAY LIGHTING											2	2
	TOTAL No. 10		2	2	2	2	2	2	2	2		4	4
	SIGNAL COMMON	1	1	1	1	1	1	1	1	1	1	1	1
NO.	SIGNAL SERVICE	3											
	TOTAL No. B	4	1	1	1	1	1	1	1	1	1	1	1
PPB	4-WIRE PPB CABLE			2								2	
	#1	2	2	2	2								
DLC*	#2	2	2	2	2	2		2	2	2	2		
	#3	4											
	#4	4	4	4	4	4		4					
	#5	2	2	2	2	2		2	2	2	2		
	#6	3	3	3									
	#2 (SAMPLER)	2	2	2	2								
	#6 (SAMPLER)	2										2	2
	#2 BKE	2	2	2	2	2		2	2	2	2		
	#6 BKE	2	2	2	2								
	TOTAL DLC	25	19	19	16	10		10	6	6	6	2	2
EVP	EVA	1	1	1	1	1	1						
	EVB	1	1										
	EVC	1									1	1	
	END	1	1	1	1	1		1	1	1			
CCTV	TOTAL CABLES	4	3	2	2	2	1	1	1	1		1	1
	POWER	1										1	1
	VIDEO/DATA	1										1	1
TOTAL CABLES	2										2	2	
CONDUIT SIZE (INCHES)		2-4"	4"	4"	4"	2-4"	3"	3"	3-4"	3"	3"	4"	4"
CONDUIT FILL		15%	20%	20%	16%	6%	6%	18%	4%	12%	8%	9%	9%

* EXISTING CONDUITS, RUN NEW AND EXISTING TO REMAIN CONDUCTORS THROUGH EXISTING CONDUITS.

VIDEO DETECTION CABLES	1	2	3	4	5	6	7	8	9	10	11	12
#2+#5	1	1	1	1	1	-	-	-	-	-	-	-
#3	1	1	1	1	1	1	1	1	1	1	-	-
#4	1	1	-	-	-	-	-	-	-	-	-	-
#6+#1	1	-	-	-	-	-	-	-	-	-	1	1
TOTAL VIDEO DETECTION CABLES	4	3	2	2	2	1	1	1	1	0	1	1

*ALL STOP BAR AND ADVANCE LOOP DETECTORS TO BE ABANDONED IN PLACE. #2 AND #6 SAMPLER LOOP DETECTION TO BE PROTECTED IN PLACE.

EQUIPMENT SCHEDULE											
LOC	POLE TYPE	HGT	MAST SIG	ARM LUM	LUMINAIRE	SIGNAL MOUNTING					REMARKS
						PHASE	SECTION	VEHICLE	PEO	PPB	
A	61-5-100 (2006 STANDARD)	30'	65'	15'	87 WATT LED	#1 #6 #6 #6	12"A 12" 12" 12"	MAS MAS MAS SV-1-T	#6P SP-1-T	-	FURNISH AND INSTALL EVP CHANNEL "C" ON TRAFFIC SIGNAL HEAD MOUNTING. INSTALL PTZ CAMERA ON LUMINAIRE MAST ARM. CONTRACTOR TO FURNISH AND INSTALL STREETLIGHT NUMBERS AS NOTED ON LAYOUT. INSTALL PHOTOELECTRIC UNIT (PEU) ON POLE. INSTALL STREET NAME SIGN ON MAST ARM. POLE STANDARD TO CONFORM WITH 2006 CALTRANS STANDARD. 61-5-100 POLE TO BE INSTALLED ON EXISTING 2006 STANDARD FOUNDATION. INSTALL STREET LIGHT NUMBER 55232 ON POLE. INSTALL VIDEO DETECTION CAMERA ON SMA.
B	ex. 1-B	10'				#3 #4	12" 12"A	TV-2-T	-	#6P RIGHT	FURNISH AND INSTALL #3 AND #4 VEHICLE SIGNAL HEADS ON EXISTING 1-B POLE.
C	19-4-100	30'	20'	15'	87 WATT LED	#4 #4	12" 12"	MAS SV-1-T	-	#6P LEFT	FURNISH AND INSTALL EVP CHANNEL "D" ON TRAFFIC SIGNAL HEAD MOUNTING. CONTRACTOR TO FURNISH AND INSTALL STREETLIGHT NUMBERS AT EACH SIGNAL POLE (SEE NOTE 4). INSTALL STREET NAME SIGN ON MAST ARM. INSTALL STREET LIGHT NUMBER 55322 ON POLE. INSTALL VIDEO DETECTION CAMERA ON SMA.
D	1-B	10'				#5	12"A	TV-1-T	#6P #4P SP-2-T	#4P RIGHT	
E	61-5-100	30'	65'	15'	87 WATT LED	#5 #2 #2 #2	12"A 12" 12" 12"	MAS MAS MAS SV-1-T	-	-	FURNISH AND INSTALL EVP CHANNEL "A" ON TRAFFIC SIGNAL HEAD MOUNTING. CONTRACTOR TO FURNISH AND INSTALL STREETLIGHT NUMBERS AS NOTED ON LAYOUT. INSTALL STREET NAME SIGN ON MAST ARM. INSTALL STREET LIGHT NUMBER 55324 ON POLE. INSTALL VIDEO DETECTION CAMERA ON SMA.
F	1-B	10'				#3 #4	12" 12"	TV-2-T	#4P SP-1-T	#4P RIGHT	
G	19-4-100	30'	30'	15'	87 WATT LED	#3 #3	12" 12"	MAS SV-1-T	-	-	FURNISH AND INSTALL EVP CHANNEL "D" ON TRAFFIC SIGNAL HEAD MOUNTING. CONTRACTOR TO FURNISH AND INSTALL STREETLIGHT NUMBERS AT EACH SIGNAL POLE (SEE NOTE 4). INSTALL STREET NAME SIGN ON MAST ARM. INSTALL STREET LIGHT NUMBER 55325 ON POLE. INSTALL VIDEO DETECTION CAMERA ON SMA.
H	1-B	10'				#1	12"A	TV-1-T	-	-	

- ALL EQUIPMENT IS NEW UNLESS INDICATED OTHERWISE.
 - ALL PEDESTRIAN INDICATIONS SHALL BE INTERNATIONAL SYMBOLS, AND SHALL BE THE COUNTDOWN TYPE. SEE SPECIAL PROVISIONS.
 - PEDESTRIAN PUSH BUTTONS SHALL MEET ADA ACCESSIBILITY GUIDELINES. SEE SPECIAL PROVISIONS.
 - REFER TO CITY STANDARD DRAWINGS R-94 FOR STREET NAME SIGN ASSEMBLY AND MOUNTING. STREET NAME SIGN SHALL BE MOUNTED AT INTERSECTION OF POLE AND MAST ARM AS SHOWN IN DETAIL.
 - A: INDICATES ALL 12" ARROW HEAD
 - F: INDICATES ALL 12" 4-SECTION HEAD WITH LEFT TURN ARROW, SEE DETAIL B ON SHEET CD-1
- NOTES:
- SEE SHEET GN-2 FOR GENERAL NOTES.
 - SEE SHEET TS-1 FOR TRAFFIC SIGNAL PLAN.
 - SEE SHEET CD-1 FOR CONSTRUCTION DETAILS.
 - CONTRACTOR TO INSTALL THE STREET LIGHT NUMBERS PER CITY STANDARD DRAWING R91. SEE REMARKS IN THE POLE SCHEDULE AND THE TRAFFIC SIGNAL LAYOUT FOR NUMBERING.

INSTALL VIDEO DETECTION CAMERA ON SMA.

INSTALL VIDEO DETECTION CAMERA ON SMA.



NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL	
			APPROVED BY	DATE

Kimley»Horn
 1300 Clay Street, Suite 325
 Oakland, California 94612
 Phone: (510) 625-0712

DESIGNED UNDER THE SUPERVISION OF:

 KEVIN G. AGUIUI
 R.C.E. No. 048732

DATE: 2/22/23

ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION

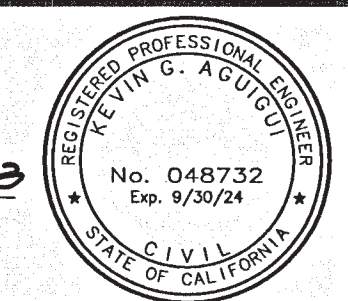
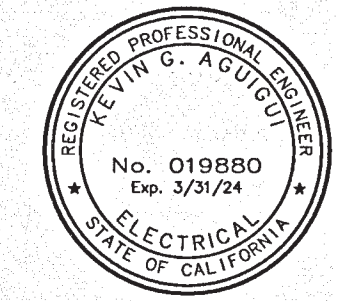
EQUIPMENT AND CONDUCTOR SCHEDULE
 B ST

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

DATE: 02/21/2023
 SCALE: NONE
 DRAWN BY: MEW
 DESIGNED BY: ISW
 CHECKED BY: KGA

APPROVED BY:
 DATE: 2/16/23
 CITY ENGINEER
 STOCKTON, CALIFORNIA

SHEET NO. TS-05A
 SHEET 18 OF 22
 PROJECT NO. WT21011

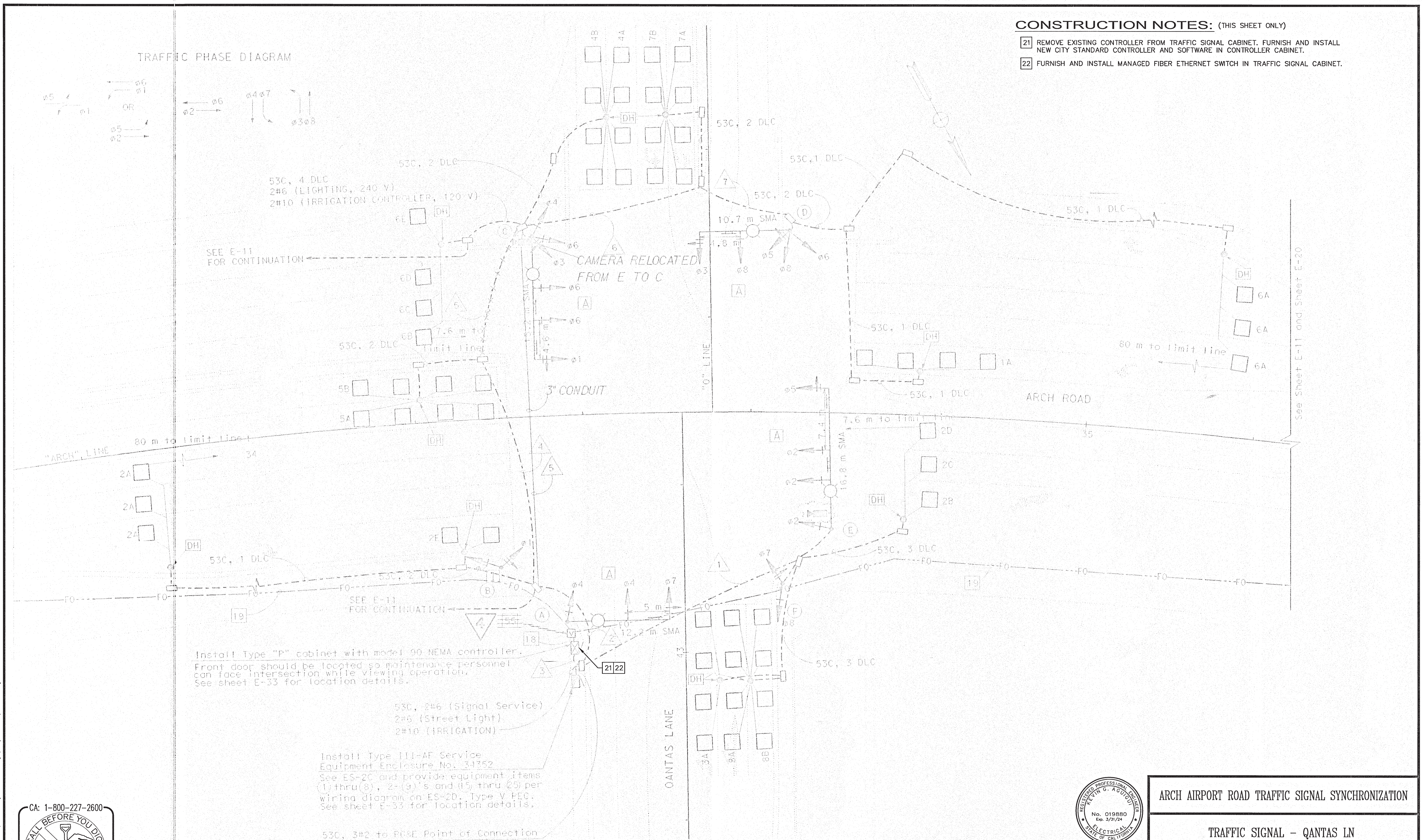
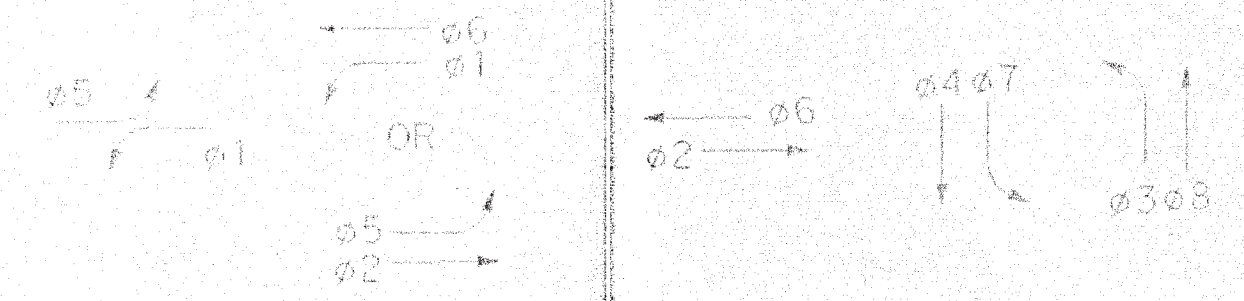


5506.17C

CONSTRUCTION NOTES: (THIS SHEET ONLY)

- 21 REMOVE EXISTING CONTROLLER FROM TRAFFIC SIGNAL CABINET. FURNISH AND INSTALL NEW CITY STANDARD CONTROLLER AND SOFTWARE IN CONTROLLER CABINET.
- 22 FURNISH AND INSTALL MANAGED FIBER ETHERNET SWITCH IN TRAFFIC SIGNAL CABINET.

TRAFFIC PHASE DIAGRAM

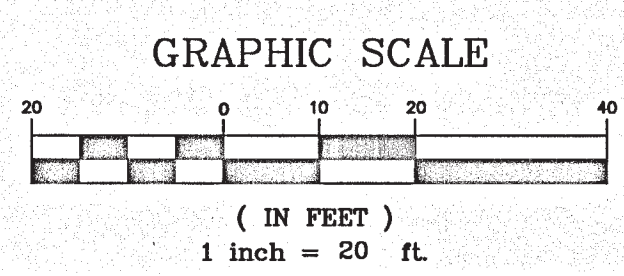


Install Type "P" cabinet with model 90 NEMA controller. Front door should be located so maintenance personnel can face intersection while viewing operation. See sheet E-33 for location details.

53C, 2#6 (Signal Service)
2#5 (Street Light)
2#10 (IRRIGATION)

Install Type III-AF Service Equipment Enclosure No. 34352. See ES-2C and provide equipment items (1) thru (8), 2-(a)'s and (15) thru (25) per wiring diagram on ES-2D. Type V FEC. See sheet E-33 for location details.

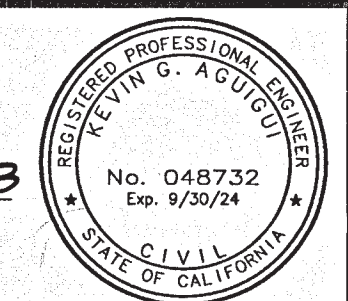
53C, 3#2 to PC&E Point of Connection. See Sheet E-11 for Continuation



NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL APPROVED BY	DATE

Kimley»Horn
1300 Clay Street, Suite 325
Oakland, California 94612
Phone: (510) 625-0712 © 2023

DESIGNED UNDER THE SUPERVISION OF:
[Signature]
KEVIN G. AGUIGUI
R.C.E. No. 048732
DATE: 2/22/23



ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION

TRAFFIC SIGNAL - QANTAS LN

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

DATE: 02/21/2023
SCALE: 1"=20'
DRAWN BY: MEW
DESIGNED BY: TSW
CHECKED BY: KGA

APPROVED BY: *[Signature]*
DATE: 2/24/23
CITY ENGINEER
STOCKTON, CALIFORNIA

SHEET NO. TS-06
SHEET 19 OF 22
PROJECT NO. WT21011

CA: 1-800-227-2600
CALL BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
CA: 1-800-227-2600
CALL TWO WORKING DAYS BEFORE YOU DIG

Fig. 21, 2023 - 5.25am - USER: andrew.william - k:\proj\21\022023 - station arch airport traffic synchronization - top\04\plan sheets\19 TS-06.dwg

5506.18C

LOCATION	PROPOSED EQUIPMENT									
	EVP/TSP DETECTOR	PHASE SELECTOR	CABINET TYPE	CONTROLLER (HARDWARE/SOFTWARE)	MANAGED FIBER ETHERNET SWITCH	MULTI-SENSOR VIDEO CAMERA	VIDEO DETECTION CAMERA	IP CCTV CAMERA	SFP (SMFO RECEIVE)	SFP (SMFO TRANSMIT)
ARCH AIRPORT RD/POCK LN	4	1	P	1	1	2	2	1	1	1
ARCH AIRPORT RD/FRENCH CAMP	-	-	-	1	1	2	2	-	1	1
ARCH AIRPORT RD/PERFORMANCE	-	-	-	1	1	2	2	-	1	1
ARCH AIRPORT RD/AIRPORT	-	-	-	1	1	-	-	-	1	1
ARCH AIRPORT RD/B ST	-	-	-	1	1	2	2	-	1	1
ARCH AIRPORT RD/QANTAS	-	-	-	1	1	-	-	-	1	1
TOTALS:	4	1	1	6	6	8	8	1	6	6

NOTE: THIS LIST IS FOR EQUIPMENT ONLY.

Fig. 21, 2023 - 5:26pm - USER: odfw-elliker K:\VMS\23\23020207 - station arch airport traffic synchronization - lpa\oad\com sheet\01 EQ-01.dwg



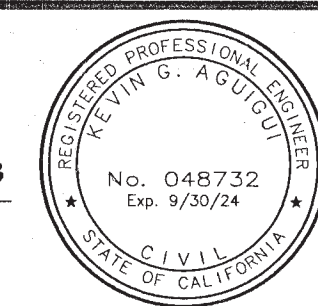
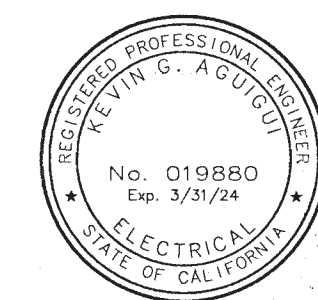
NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL	
			APPROVED BY	DATE

Kimley»Horn
 1300 Clay Street, Suite 325
 Oakland, California 94612
 Phone: (510) 625-0712
 © 2023

DESIGNED UNDER THE SUPERVISION OF:

 KEVIN G. AGUIQUI
 R.C.E. No. 048732

DATE: 2/22/23



ARCH AIRPORT ROAD TRAFFIC SIGNAL SYNCHRONIZATION

SUMMARY EQUIPMENT LIST

DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

DATE: 02/21/2023
 SCALE: NONE
 DRAWN BY: MEW
 DESIGNED BY: TSW
 CHECKED BY: KGA

APPROVED BY: DATE: 2/21/23
 CITY ENGINEER
 STOCKTON, CALIFORNIA

SHEET NO. EQ-01
 SHEET 22 OF 22
 PROJECT NO. WT21011

5506.21C