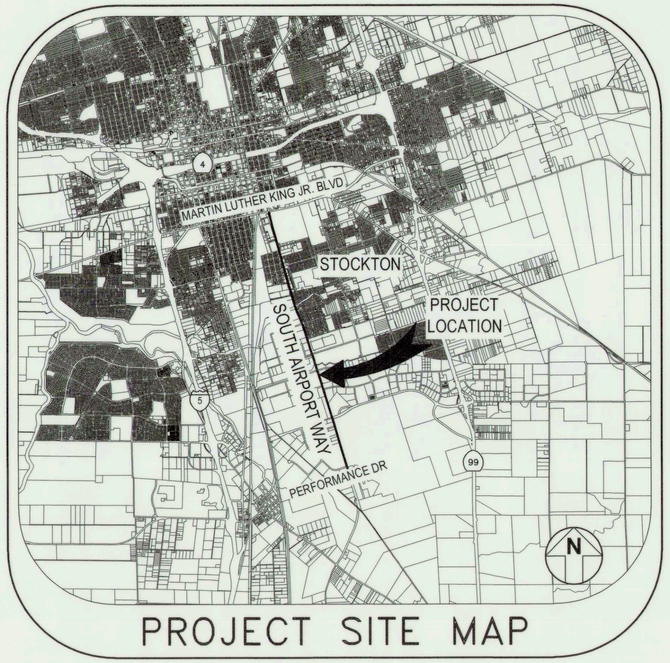
SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT
STOCKTON, CALIFORNIA
CITY OF STOCKTON
PUBLIC WORKS DEPARTMENT
CITY PROJECT NO. WT18008



PROJECT SITE MAP

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ABBREVIATIONS

@	AT
AB	ANCHOR BOLT/AGGREGATE BASE
AC	ASPHALTIC CONCRETE
AP	ANGLE POINT
BC	BEGINNING OF CURVE
BM	BENCH MARK
BOC	BACK OF CURB
BOW/BW	BACK OF WALK
CB	CATCH BASIN
CIP	CAST IRON PIPE
CL	CENTERLINE, CLASS
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUOUS, CONTINUE
COS	CITY OF STOCKTON
CR	CURB RETURN
CTR	CENTER
CY	CUBIC YARD
D	STORM DRAIN
DD	DOWNDRAIN
DI	DROP INLET
DIA	DIAMETER
DIM	DIMENSION
DWY	DRIVEWAY
E	ELECTRIC
EA	EACH
EB	ELECTRICAL BOX
EC	END OF CURVE
EG	EXISTING GRADE
EJ	EXPANSION JOINT
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EW	EACH WAY
EXIST/(E)	EXISTING
(F)	FUTURE
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FF	FINISHED FLOOR
FG	FINISH GRADE
FH	FIRE HYDRANT
FIN	FINISH
FL	FLOW LINE
FLR	FLOOR
FOC/FC	FACE OF CURB
FS	FIRE SERVICE
FT	FEET
GA	GAUGE
G	GAS
GALV	GALVANIZED
GPM	GALLONS PER MINUTE
GR	GRATE
HORIZ	HORIZONTAL
HP	HIGH POINT
ID	INSIDE DIAMETER (DIM)
IN	INCH
INV	INVERT
IP	IRON PIPE
IRRI	IRRIGATION
JP	JOINT POLE
KV	KILOVOLT
LF	LINEAL FEET
LIN	LINEAR
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MH	MAINTENANCE HOLE
MIN	MINIMUM
MOD	MODIFIED
MON	MONUMENT
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OG	ORIGINAL GROUND

ABBREVIATIONS (CONT.)

PB	PULL BOX
PC	PRIMARY CONTROL
PCC	PORTLAND CEMENT CONCRETE/ POINT OF COMPOUND CURVE
PIV	POST INDICATOR VALVE
PL	PROPERTY LINE OR PLATE
POC	POINT OF CONNECTION
PP	POWER POLE
PRC	POINT OF REVERSE CURVATURE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENT, POINT
PUE	PUBLIC UTILITIES EASEMENT
PV	PAVEMENT
PVCP	POLYVINYLCHLORIDE PIPE
R	RADIUS, RIGHT
RCP	REINFORCED CONCRETE PIPE
REINF	REINFORCED
R.S.	RECORD OF SURVEY
RT	RIGHT
R/W	RIGHT OF WAY
S	SLOPE
SIM	SIMILAR
SD	STORM DRAIN
SPEC	SPECIFICATION
SQ	SQUARE
SQFT	SQUARE FEET
SQYD	SQUARE YARD
SS	SANITARY SEWER
STA	STATION
STD	STANDARD
T	TANGENT
TBM	TEMPORARY BENCH MARK
TC	TOP OF CURB
TEL	TELEPHONE
TFC	TOP FACE OF CURB
TOG	TOP OF GRATE
TOW	TOP OF WALK
TP	TELEPHONE POLE
TPB	TELEPHONE PULL BOX
TFR	TEMPORARY FIBER ROLL
TYP	TYPICAL
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
W	WATER
YD	YARDS

- BENCH MARK – VERTICAL & HORIZONTAL
- BENCH MARK – VERTICAL, ONLY
- TEMPORARY CONTROL POINT OR T.B.M.
- DETAIL INDICATOR: 5 / C1.01 — DETAIL IDENTIFICATION NUMBER; DRAWING WHERE DETAIL IS SHOWN
- NOTE INDICATOR: (5) — NOTE NUMBER AS INDICATED
- REVISION: 5 — REVISION NUMBER

CALL BEFORE YOU DIG 800-227-2600 UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER: REGISTERED PROFESSIONAL ENGINEER, STEPHEN K. SINNOCK, NO. 32192, CIVIL, STATE OF CALIFORNIA, 1/12/2023

PROJECT ENGINEER: REGISTERED PROFESSIONAL ENGINEER, JEFFREY D. KJELDSEN, NO. 61898, CIVIL, STATE OF CALIFORNIA, 1-12-2023

DRAWING SCALE: AS SHOWN
ORIGINAL DRAWING SCALE: 0 ½" 1"

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NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: G-001
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT
TITLE SHEET
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: SHOWN
DESIGNED BY: M.R.C.
DRAWN BY: S.C.B.
CHECKED BY: J.D.K.
RECORD DWG:
APPROVED BY: DATE: 1/16/23
CITY ENGINEER
STOCKTON, CALIF.

SHEET NO. 1
OF 54 SHTS
PROJECT NO. WT18008

5532C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\G-001.dwg
PLOT DATE: Jan 18, 2023 - 4:56pm

GENERAL NOTES (CITY OF STOCKTON):

1. ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE FOLLOWING: CURENT CITY OF STOCKTON STANDARD SPECIFICATIONS AND PLANS, INCLUSIVE OF ALL CURENT 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.
2. 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.
3. 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.
4. 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.
5. ALL STATIONS REFER TO DISTANCES ALONG STREET CENTERLINE, UNLESS OTHERWISE NOTED. ALL STATIONS OFF CENTERLINE ARE PERPENDICULAR TO OR RADIALLY OPPOSITE CENTERLINE STATIONS.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. ALL TRENCH EXCAVATION SHALL BE IN ACCORDANCE WITH SECTION 7 OF THE CITY OF STOCKTON STANDARD SPECIFICATIONS.
12. 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.
13. 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."
14. 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.
15. 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.
16. 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(a-f) OF THE CALIFORNIA BUSINESS AND PROFESSION CODE.
17. ALL WORK IN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE APPROVAL AND ACCEPTANCE OF THE ENGINEER.
18. 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.
19. 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.
20. 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.
21. 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.
22. 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.
23. 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.
24. NEW SIDEWALK SHALL BE DOWELED INTO EXISTING SIDEWALK ACCORDING TO CITY STANDARD DRAWING NO. R-55.

STRIPING AND SIGNAGE NOTES:

1. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, BARRICADES, SIGNS, FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
2. 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.
3. ALL PAVEMENT MARKINGS, STRIPING AND CROSSWALKS SHALL BE THERMOPLASTIC.
4. 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).
5. SIGNING SHALL CONFORM TO THE CA-MUTCD (LATEST EDITION) AND CALTRANS SPECIFICATIONS (LATEST EDITION) SECTION 82.
6. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE REMOVED BY GRINDING PER CALTRANS STANDARD SPECIFICATIONS SECTION 84-9.
7. 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.
8. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF TWO (2) 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.
9. 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.
10. 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.
11. 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".
12. ALL DIMENSIONS SHOWN ARE FROM FACE OF CURB, UNLESS OTHERWISE NOTED.
13. 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 SIGNAL AND ELECTRICAL NOTES:

1. 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.
2. 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.
3. 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.
4. CONDUIT ROUTING SHOWN IS DIAGRAMMATICALLY. CONTRACTOR SHALL LAYOUT RUNS TO SUIT FIELD CONDITIONS AND THE COORDINATION REQUREMENTS 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.
5. LABEL PEDESTRIAN AND SIGNAL COMMONS SEPARATELY IN THE CONTROLLER CABINET.
6. ALL INFRARED EMERGENCY VEHICLE PREEMPTION (EVP)/TRANSIT SIGNAL PRIORITY (TSP) DETECTORS SHALL BE MOUNTED VERTICALLY.
7. 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.
8. 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.
9. FLASHING INDICATIONS SHALL FLASH IN RED ON ALL PHASES.

TRAFFIC STAGING NOTES:

1. THE CONTRACTOR SHALL MAINTAIN ALL TRAFFIC CONTROL DEVICES AT ALL TIMES.
2. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED FROM VIEW WHEN NOT IN USE.
3. THE ENGINEER HAS THE AUTHORITY TO INITIATE FIELD CHANGES AS NECESSARY IN THE INTEREST OF PUBLIC SAFETY.
4. ROAD CLOSURES SHALL REQUIRE WRITTEN APPROVAL FROM THE ENGINEER.
5. 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.
6. CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY LIGHTING DURING THE COURSE OF ALL NIGHT WORK.
7. ALL WORKERS SHALL BE EQUIPPED WITH AN ORANGE SAFETY VEST (OR REFLECTIVE VEST AT NIGHT).
8. TRENCHES MUST BE BACKFILLED OR PLATED DURING NON-WORKING HOURS.
9. REFER TO SECTION 12 OF THE SPECIAL PROVISIONS REGARDING TEMPORARY ACCESS ROUTES FOR PEDESTRIANS (INCLUDING ADA) AND BICYCLISTS.
10. TEMPORARY "NO PARKING" SIGNS SHALL BE POSTED THREE (3) WORKING DAYS PRIOR TO COMMENCING WORK.
11. ACCESS TO DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHER ARRANGEMENTS ARE MADE. SIGNS ON ROADWAY SHALL NOT BLOCK DRIVEWAY.
12. TRAFFIC CONTROL PLANS SHOWN HEREON ARE FOR GUIDANCE ONLY. CONTRACTOR SHALL PREPARE TRAFFIC CONTROL PLANS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. TO BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO COMMENCING WORK.

GRADING NOTES:

1. CLEAR ALL GRASS AND WEEDS FROM THE EXISTING BIKE PATH SURFACE. REMOVE ALL DIRT, DUST, MUD, DEBRIS, ETC. FROM THE EXISTING BIKE PATH.
2. PERFORM EARTHWORK IN ACCORDANCE WITH THE CITY OF STOCKTON STANDARD SPECIFICATIONS AND CALTRANS STANDARD SPECIFICATIONS.
3. UNLESS OTHERWISE INDICATED ON DRAWINGS, ALL SLOPE BANKS SHALL BE ON A MAXIMUM SLOPE OF 2:1.
4. PROPERLY DISPOSE ALL EXCESS MATERIAL OFF SITE. EXCESS MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR.
5. CLEAR AND GRUB ALL AREAS IN WHICH WORK IS TO BE PERFORMED. PRESERVE ANY EXISTING TREES IN THE PROJECT VICINITY.
6. UNLESS OTHERWISE INDICATED SUBGRADE SHALL BE COMPACTED TO A 95% RELATIVE COMPACTION TO A MINIMUM DEPTH OF 6" AND SHALL CONFORM TO THE PROVISIONS OF THE CALTRANS STANDARD SPECIFICATIONS.

CONSTRUCTION NOTES:

1. VERIFY, AT 50' INTERVALS, THE BIKE LANE IS AT LEAST 5'. WHERE THE LANE WIDTH IS LESS THAN 5' AND AS DIRECTED BY OWNER'S REPRESENTATIVE, WIDEN THE LANE TO A MIN. WIDTH OF 5' AS DETAILED IN THESE PLANS. LAY OUT IMPROVEMENTS FROM THE DETAILS AND DIMENSIONS SHOWN ON THE PLANS. ANY CLARIFICATION, CONFLICTS, DISCREPANCIES OR AMBIGUITIES SHOULD BE DIRECTED TO THE OWNER'S REPRESENTATIVE PRIOR TO THE CONSTRUCTION OF THE IMPROVEMENTS.
2. FIELD LOCATE BIKE LANE ALIGNMENT AND OBTAIN OWNER'S REPRESENTATIVE'S APPROVAL PRIOR TO PLACING ANY AC OR PCC PAVEMENT.
3. MATCH EXISTING SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A TRANSITION IN PAVING, CURBS, GUTTERS, SIDEWALKS, GRADES, ETC., AND TO AVOID ANY ABRUPT OR APPARENT CHANGES IN CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.
4. WHERE PAVEMENT AND/OR CONCRETE IS TO BE EXTENDED OR REMOVED, EXISTING PAVEMENT AND/OR CONCRETE SHALL BE SAW-CUT TO A NEAT, CLEAN LINE. LOCATION OF SAWCUTTING, AS REPRESENTED ON THESE PLANS, SHALL BE MARKED IN THE FIELD AND VERIFIED BY THE OWNER'S REPRESENTATIVE. LOCATIONS OF EXISTING AREAS REQUIRING OVERLAYING OF AC SHALL BE MARKED IN THE FIELD AND VERIFIED BY THE OWNER'S REPRESENTATIVE. A TACK COAT SHALL BE APPLIED PRIOR TO THE PLACEMENT OF NEW ASPHALT CONCRETE.
5. ALL NEW CONCRETE FLATWORK SHALL BE DRILLED AND DOWELED AND/OR KEYED INTO EXISTING FLATWORK IN ACCORDANCE WITH CITY OF STOCKTON STANDARD PLANS AND SPECIFICATIONS.
6. SEE SPECIAL PROVISIONS FOR WATER POLLUTION CONTROL (SWPPP) REQUIREMENTS.
7. PROVIDE AND MAINTAIN TEMPORARY SIGNS FOR ALL REGULATORY TRAFFIC SIGNS REMOVED DURING CONSTRUCTION.
8. DO NOT DISTURB OR DISRUPT EXISTING TRAFFIC SIGNAL IMPROVEMENTS/EQUIPMENT INCLUDING, BUT NOT LIMITED TO, POLES, PEDESTALS, DETECTOR LOOPS, PULL BOXES, FOUNDATIONS, ETC.
9. DURING CONSTRUCTION ALL CATCH BASINS AND DROP INLETS SHALL BE PROTECTED USING STORM DRAIN INLET FILTER BAGS AND EITHER A STORM DRAIN INLET FILTER OR INLET SEDIMENT CONTROL.
10. IT IS PROHIBITED TO DISCHARGE ANYTHING EXCEPT CLEAN WATER INTO THE STORM DRAIN SYSTEM.
11. ALL R7-9A SIGNS WILL BE INSTALLED AT 45° TO THE ROAD CENTER LINE.
12. AT NO ADDITIONAL COST TO THE OWNER, PROVIDE DUST CONTROL AT ALL TIMES TO MINIMIZE ANY DUST NUISANCE AND SUCH CONTROLS SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS, CALTRANS STANDARD SPECIFICATIONS, AND THE REQUIREMENTS OF THE CITY OF STOCKTON. CONTRACTOR SHALL OBTAIN A PERMIT FROM APPROPRIATE REGULATORY AGENCY FOR USE OF WATER FROM FIRE HYDRANTS FOR CONSTRUCTION PURPOSES. THE PERMIT SHALL BE APPROVED BY THE CITY OF STOCKTON FIRE DEPARTMENT.

LEGEND

NEW	EXISTING	DESCRIPTION
	– – –	PROPERTY LINE
12"SD	– – – 12"sd – – –	STORM DRAIN LINE
– – – 10"sd – – –	– – – – sd – – – –	STORM DRAIN LINE
8"SS	– – – 8"s – – –	SANITARY SEWER LINE
– – – 10"s – – –	– – – – s – – – –	SANITARY SEWER LINE
10"w	w	WATER LINE
– – g – –	– – g – –	GAS LINE
– – – t – – –	– – – t – – –	COMMUNICATION LINE
– – e – –	– – e – –	ELECTRICAL LINE
– – e (oh) – –	– – e (oh) – –	ELECTRICAL LINE OVERHEAD
x x	x x	FENCE
– – – jt – – –	– – – jt – – –	JOINT LINE
		EDGE OF PAVEMENT
		CATCH BASIN
		CLEANOUT
		FIRE HYDRANT ASSEMBLY
G	G	GAS METER
W	W	WATER METER
		BLOW–OFF
	W	WATER VALVE BOX
S D	S D	MAINTENANCE HOLE
		PULL BOX
		PG&E TRANSFORMER
	E	PG&E SUBSURFACE ENCLOSURE
		UTILITY POLE
		POST, BOLLARD, OR PARKING METER
		SIGN POST LOCATION
7.05 FL	+ 6.34	SPOT ELEVATION
		CURB & GUTTER
		GUY WIRE
		TRAFFIC SIGNAL
		ELECTROLIER
		COMBINATION TRAFFIC SIGNAL WITH BACKPLATE & LUMINAIRE

STANDARD DRAWINGS

DWG. NO.	DESCRIPTION
CITY OF STOCKTON	
R-50, R-52, R-55 & R-56	VERT. CURB, GUTTER, SIDEWALK DETAILS & NOTES (SEE FOR EXPANSION JOINTS)
R-109	STREET NAME AND TRAFFIC SIGN INSTALLATION DETAILS & NOTES
R-113	TYPICAL CROSSWALK LAYOUT AT INTERSECTIONS
CALTRANS	
A24C	PAVEMENT MARKINGS - SYMBOLS AND NUMERALS
A24D	PAVEMENT MARKINGS - WORDS
CAMUTCD, 2014 EDITION, REVISIONS 5	
FIG. 3A-112(CA)	LANE LINES
FIG. 3A-101(CA) TO FIG. 3A-113(CA)	STRIPING DETAILS

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SINNOCK — No. 32192 — CIVIL — STATE OF CALIFORNIA — 1/12/2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — JEFFREY D. KJELDSEN — No. 61898 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: NO SCALE AS SHOWN
ORIGINAL DRAWING SCALE: 0 ½" 1"

KSN inc. KJELDSEN SINNOCK NEUDECK
CIVIL ENGINEERS & LAND SURVEYORS
www.ksninc.com
711 N. Pershing Avenue
Stockton, CA 95203
209-946-0268
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: G-002
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

NOTES AND CONVENTIONS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: SHOWN
DESIGNED BY: M.R.C.
DRAWN BY: S.C.B.
CHECKED BY: J.D.K.
RECORD DWG:

APPROVED BY: DATE: 1/12/23
CITY ENGINEER
STOCKTON, CALIF.

SHEET NO. 2 OF 54 SHTS
PROJECT NO. WT18008

5532.1C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\G-002.dwg
PLOT DATE: Jan 18, 2023 - 4:56pm

SURVEY CONTROL STATEMENT

BASIS OF CONTROL (CITY OF STOCKTON): BEARINGS AND DISTANCES SHOWN ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) CONVERTED TO THE CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 3 (CCS83-III) AS REFERENCED BY THE CITY OF STOCKTON HORIZONTAL CONTROL SYSTEM. GRID DISTANCES SHOWN MUST BE MULTIPLIED BY 1.00006176 TO OBTAIN GROUND DISTANCES. ELEVATIONS SHOWN ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29) AS REFERENCED BY AVAILABLE CITY OF STOCKTON BENCHMARKS (COS96 ADJUSTMENT) 2003 REVISION. TO CONVERT ELEVATIONS SHOWN TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) ADD +2.5'. UNITS SHOWN ARE BASED ON THE U.S. SURVEY FOOT.

CONTROL TABLE

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
180	2158351.92	6341764.18	16.67	BRASS DISK COS 5S-17
182	2162594.40	6340393.55	15.77	BRASS DISK COS 5S-19
316	2166143.17	6338840.62	17.23	SET MAG NAIL & SHINER PAINTED PX
317	2166455.38	6340539.76	19.74	SET MAG NAIL & SHINER PAINTED PX
318	2159704.90	6342823.30	17.29	SET MAG NAIL & SHINER PAINTED PX
319	2156946.15	6341778.33	15.02	SET MAG NAIL & SHINER PAINTED PX
320	2148141.26	6344356.16	18.15	SET MAG NAIL & SHINER PAINTED PX
321	2148291.81	6346028.21	20.34	SET MAG NAIL & SHINER PAINTED PX
340	2163889.61	6332136.19	6.86	ALUMINUM DISK COS CORP
704	2159525.92	6341315.08	20.98	SET MAG NAIL & WASHER KSN CONTROL
705	2159238.32	6341478.38	18.61	SET REBAR & CAP KSN CONTROL
10834	2159576.05	6341548.22	16.21	FOUND IRON PIPE 3/4IN WITH TACK LS 6953
10898	2159322.75	6341643.13	15.17	FOUND REBAR & CAP 3/4IN LS 4334
50002	2160293.70	6341046.66	18.21	FOUND SCRIBE X

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

100% PLAN SUBMITTAL

NORTH ORIENTATION

PROJECT SURVEYOR
PROFESSIONAL LAND SURVEYOR
KRIS F. NEHMER
NO. 8123
EXP. 12/31/2020
STATE OF CALIFORNIA
07/30/2020

DRAWING SCALE
1" = 800'
ORIGINAL DRAWING SCALE
0 ½" 1"

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1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION V-101
DATE FEB 2022
HORIZONTAL DATUM CCS83, ZONE 3
VERTICAL DATUM NGVD-29
KSN PROJECT FILE NO. 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

CONTROL SHEET

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: SHOWN
DESIGNED BY: M.R.C.
DRAWN BY: S.C.B.
CHECKED BY:
RECORD DWG:

APPROVED BY: DATE:
CITY ENGINEER
STOCKTON, CALIF.

SHEET NO. 3
OF 54 SHTS
PROJECT NO. WT18008

5532.20

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\07_Survey\100_Control\Project control.dwg
PLOT DATE: Feb 14, 2022 - 9:05am

APN: 151-370-080

APN: 151-370-070

DR MARTIN LUTHER KING JR BLVD

REMOVE 12" CROSS WALK STRIPE 119 LF

REMOVE 4" STRIPE 24 LF

REMOVE 8" CHANNELIZING STRIPE 9 LF TOTAL

REMOVE 8" CHANNELIZING STRIPE 9 LF TOTAL

S AIRPORT WAY

REMOVE 12" CROSS WALK STRIPE 127 LF

APN: 169-202-200

APN: 169-020-160

APN: 169-180-070

REMOVE EX. 12" FIRE LANE STRIPING 11 LF

REMOVE EX. 12" FIRE LANE STRIPING 14 LF

REMOVE EX. EDGE STRIPE 42 LF

MATCHLINE SEE BELOW

REMOVE 12" CROSSWALKS 64 LF TOTAL

REMOVE 12" CROSSWALKS 48 LF TOTAL

E 1ST STREET

STOP

REMOVE "STOP" MARKING 22 SF

SCALE: 1" = 30'

0 30' 60'

APN: 169-180-070

REMOVE 24" STOP BAR 26 LF

REMOVE 12" CROSSWALKS 51 LF

BUS STOP

REMOVE EX. EDGE STRIPE 121 LF

REMOVE 12" CROSSWALKS 100 LF

REMOVE 8" CHANNELIZING STRIPE 8 LF

REMOVE 4" STRIPE 25 LF

REMOVE 12" CROSSWALKS 350 LF

REMOVE 4" STRIPE 24 LF

REMOVE 8" CHANNELIZING STRIPE 8 LF

S. AIRPORT WAY

REMOVE 12" CROSSWALKS 101 LF

BUS STOP

REMOVE 12" CROSSWALKS 101 LF

REMOVE 24" STOP BAR 27 LF

2ND STREET

DWY

S AIRPORT WAY

MATCHLINE SEE ABOVE

SKIP TO STA. 18+50 SEE SHEET: CD202

APN: 169-050-030

TEMPORARY EROSION CONTROL – LEGEND

IF STORM DRAIN INLET FILTER, SHT CD501 DET 1

CALL BEFORE YOU DIG 811 UNDERGROUND SERVICE ALERT

KEY MAP

MLK Jr. BLVD. | 2nd ST | 6th ST | 8th ST | 10th ST | 12th ST | RALPH AVE | ZEPHYR | DRIVE | BOSING | ARCH-AIRPORT | STOCKTON AIRPORT | C.E. DIXON ST. | INDUSTRIAL | SPERRY RD. | PERFORMANCE DRIVE | S. AIRPORT WAY

PRINCIPAL ENGINEER: REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SINNOCK NO. 32192 CIVIL STATE OF CALIFORNIA 1/12/2023

PROJECT ENGINEER: REGISTERED PROFESSIONAL ENGINEER JEFFREY D. KJELDSEN NO. 61898 CIVIL STATE OF CALIFORNIA 1-12-2023

DRAWING SCALE: AS SHOWN

ORIGINAL DRAWING SCALE 0 ½" 1"

KSN inc. KJELDSEN SINNOCK NEUDECK CIVIL ENGINEERS & LAND SURVEYORS

www.ksninc.com

711 N. Pershing Avenue Stockton, CA 95203 209-946-0268

1550 Harbor Blvd., Suite 212 West Sacramento, CA 95691 916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: CD201

DATE: 1-12-2023

HORIZONTAL DATUM: CCS83, ZONE 3

VERTICAL DATUM: NAVD88

KSN PROJECT FILE NO.: 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

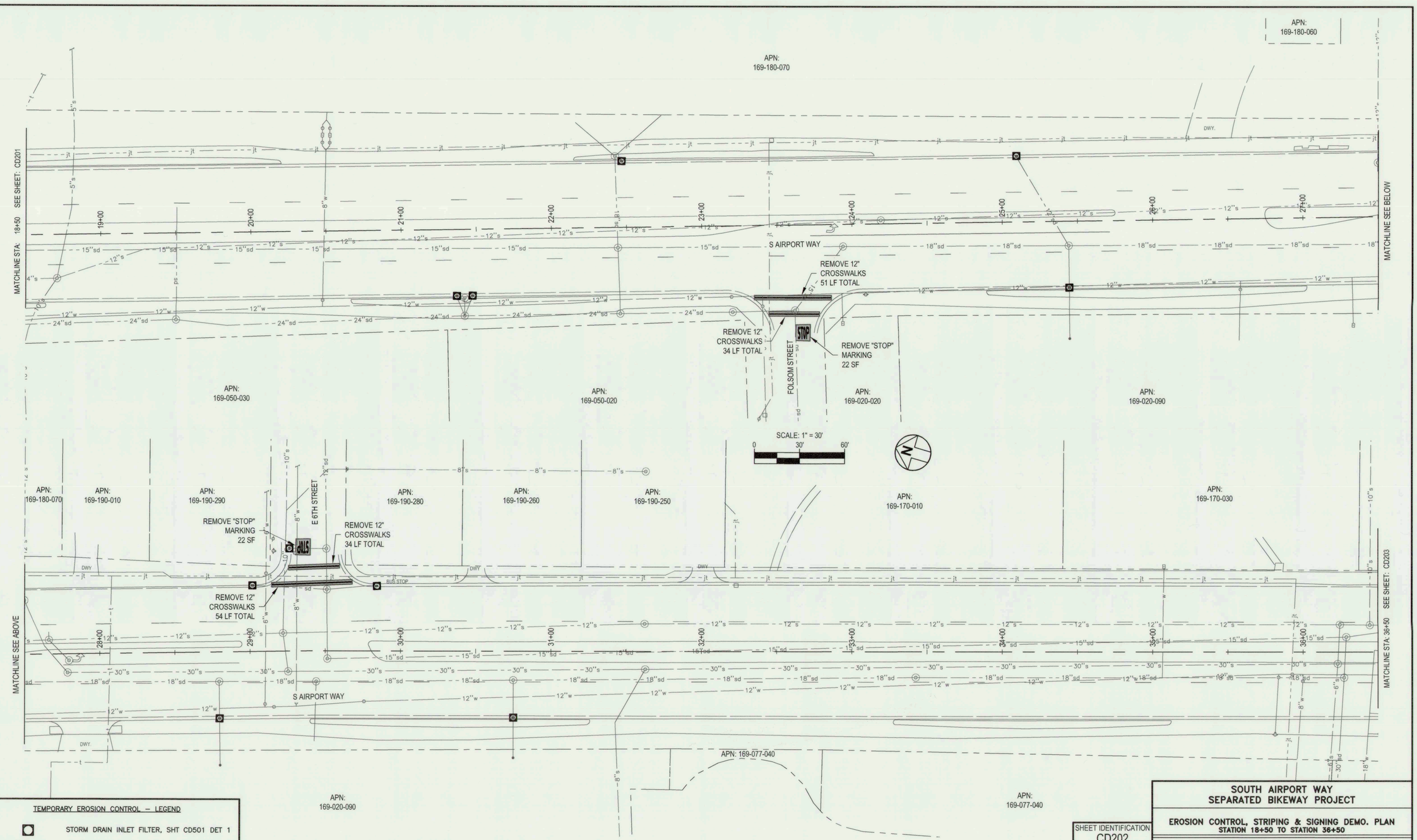
EROSION CONTROL, STRIPING & SIGNING DEMO. PLAN STATION 2+00 TO STATION 18+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	SHOWN	APPROVED BY: DATE:	SHEET NO. 4
DESIGNED BY:	M.R.C.		OF 54 SHTS
DRAWN BY:	S.C.B.		PROJECT NO. WT18008
CHECKED BY:	J.D.K.	CITY ENGINEER STOCKTON, CALIF.	
RECORD DWG:			

5532.30

FILE SPEC: P:\2407_CDS-South_Airport_Way_Bikeway\00010\08_Civil\400_Plans\020_CAD\Sheets\CD200.dwg
PLOT DATE: Jan 18, 2023 - 5:26pm

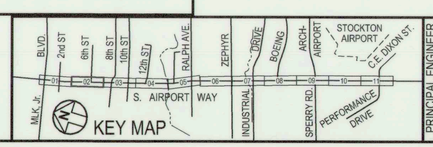


TEMPORARY EROSION CONTROL – LEGEND

(IF) STORM DRAIN INLET FILTER, SHT CD501 DET 1

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

KEY MAP



PRINCIPAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SINNOCK
NO. 32192
CIVIL
STATE OF CALIFORNIA
1/12/2023

PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. KJELDSEN
NO. 61898
CIVIL
STATE OF CALIFORNIA
1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

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916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: CD202
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

EROSION CONTROL, STRIPING & SIGNING DEMO. PLAN
STATION 18+50 TO STATION 36+50

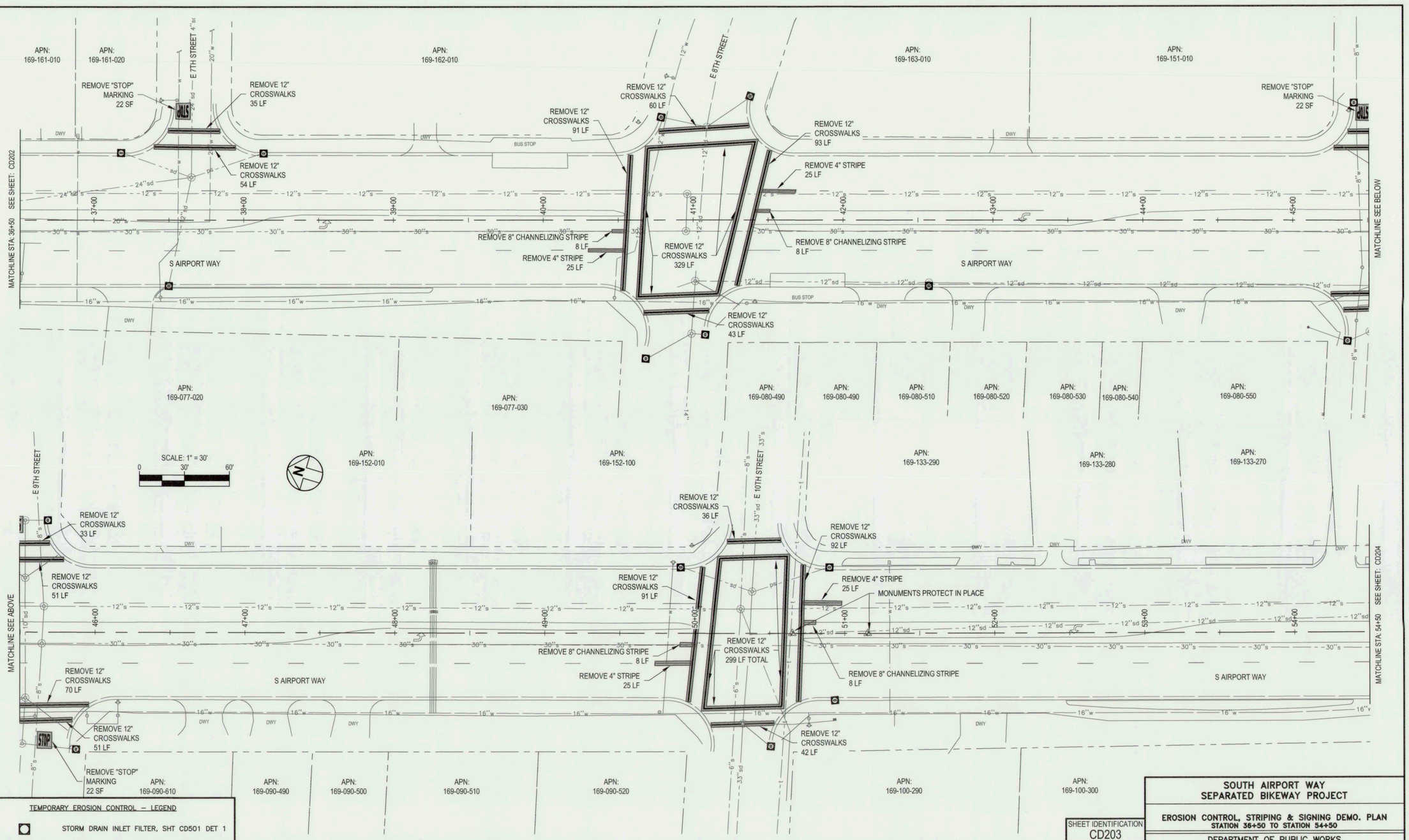
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	SHOWN	APPROVED BY:	DATE:
DESIGNED BY:	M.R.C.		
DRAWN BY:	S.C.B.		
CHECKED BY:	J.D.K.	CITY ENGINEER	
RECORD DWG:		STOCKTON, CALIF.	

SHEET NO. 5 OF 54 SHTS
PROJECT NO. WT18008

5532.40

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CD200.dwg
PLOT DATE: Jan 18, 2023 - 5:27pm



TEMPORARY EROSION CONTROL – LEGEND

(IF) STORM DRAIN INLET FILTER, SHT CD501 DET 1

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

KEY MAP

MLK JR. BLVD. · 2nd ST · 8th ST · 10th ST · 12th ST · RALPH AVE. · ZEPHYR DRIVE · INDUSTRIAL · BOEING · ARCH-AIRPORT · STOCKTON AIRPORT · C.E. DIXON ST. · SPERRY RD. · PERFORMANCE DRIVE · S. AIRPORT WAY

PRINCIPAL ENGINEER: REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SINNOCK NO. 32192 CIVIL STATE OF CALIFORNIA 1/12/2023

PROJECT ENGINEER: REGISTERED PROFESSIONAL ENGINEER JEFFREY D. KJELDSEN NO. 61898 CIVIL STATE OF CALIFORNIA 1-12-2023

DRAWING SCALE: AS SHOWN

ORIGINAL DRAWING SCALE 0 ½" 1"

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1550 Harbor Blvd., Suite 212, West Sacramento, CA 95691, 916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

EROSION CONTROL, STRIPING & SIGNING DEMO. PLAN
STATION 36+50 TO STATION 54+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SHEET IDENTIFICATION	CD203
DATE	1-12-2023
HORIZONTAL DATUM	CCS83, ZONE 3
VERTICAL DATUM	NAVD88
KSN PROJECT FILE NO.	2407-0010
SCALE:	SHOWN
DESIGNED BY:	M.R.C.
DRAWN BY:	S.C.B.
CHECKED BY:	J.D.K.
RECORD DWG:	
APPROVED BY:	CITY ENGINEER, STOCKTON, CALIF.
DATE:	1/12/23
SHEET NO.	6
OF 54 SHTS	
PROJECT NO.	WT18008

5532.5C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CD200.dwg
PLOT DATE: Jan 18, 2023 – 5:27pm

APN: 169-133-260

APN: 169-133-250

APN: 169-135-240

APN: 177-390-120

APN: 177-390-130

REMOVE 12" LIMIT LINE
15 SF

E 12TH STREET

REMOVE TYPE IV ARROW
15 SF

REMOVE 8" CHANNELIZER STRIPE
100 LF

REMOVE 4" EDGE STRIPE
217' LF

MATCHLINE STA: 54+50 SEE SHEET: CD203

MATCHLINE SEE BELOW

S AIRPORT WAY

APN: 169-120-050

APN: 169-100-420

APN: 169-110-100

APN: 169-110-080

APN: 169-120-030

APN: 169-120-040

SCALE: 1" = 30'
0 30' 60'

APN: 177-390-130 | APN: 177-390-140 | APN: 177-390-150 | APN: 177-390-160 | APN: 177-390-170 | APN: 177-390-180 | APN: 177-390-190 | APN: 177-390-200 | APN: 177-390-210 | APN: 177-390-220 | APN: 177-390-230 | APN: 177-390-240 | APN: 177-390-250 | APN: 177-390-260 | APN: 177-390-240 | APN: 177-390-280 | APN: 177-170-170

APN: 177-390-710

REMOVE EXISTING AC AND CONCRETE CURB, GUTTER & WALK

STA:71+89.31, 57.42LT

STA:71+66.82, 65.47LT

RAILING

BRIDGE WALL

STA:64+79.02, 42.42 RT BEGIN SAWCUT EXISTING AC

REMOVE 4" EDGE STRIPE
110 LF

REMOVE EXISTING AC

REMOVE EXISTING "NO PARKING" SIGN

STA:65+87.21, 44.86 RT BEGIN SAWCUT EXISTING AC

STA:66+05.94, 46.12 RT SAWCUT EXISTING CONCRETE DRIVEWAY

REMOVE 4" EDGE STRIPE
78 LF

STA:67+22.98, 45.61 RT SAWCUT EXISTING CONCRETE DRIVEWAY

STA:67+33.72, 40.19 RT SAWCUT EXISTING AC

STA:67+33.73, 41.19 RT SAWCUT EXISTING AC

REMOVE 4" EDGE STRIPE
686' LF

REMOVE EXISTING BOLLARD

REMOVE 4" EDGE STRIPE
78 LF

PROTECT IN PLACE

REMOVE EXISTING BOLLARD

REMOVE EXISTING "NO PARKING" SIGN

REMOVE EXISTING AC

REMOVE 4" EDGE STRIPE
297 LF

REMOVE EXISTING GUARD RAIL

STA:71+66.83, 53.04 LT BEGIN SAWCUT EXISTING AC

STA:71+97.25, 43.14 RT END SAWCUT EXISTING AC

STA:71+89.41, 46.87 LT END SAWCUT EXISTING AC

STA:71+97.24, 47.14RT

BRIDGE WALL

MATCHLINE STA: 72+50 SEE SHEET: CD205

DEMOLITION LEGEND
- REMOVE CONCRETE
- REMOVE AC
- 12" MIN EXCAVATION
- SAWCUT LINE

TEMPORARY EROSION CONTROL – LEGEND
- (IF) STORM DRAIN INLET FILTER, SHT CD501 DET 1
- (FR) TFR FR TEMPORARY FIBER ROLL, SHT CD501 DET 2
- (GB) TEMPORARY GRAVEL BAGS

STA:64+78.86, 54.43RT

REMOVE EXISTING BARRICADE

STA:64+94.95, 54.24RT

STA:65+17.41, 45.28RT

STA:65+16.00, 47.72RT

STA:64+95.05, 47.50RT

EXISTING UTILITY POLE AND GUY TO REMAIN UNDISTURBED

REMOVE EXISTING CONCRETE

SAWCUT EXISTING CONCRETE

STA:66+05.98, 54.75RT

STA:65+97.40, 54.69RT

REMOVE EXISTING BOLLARD

APN: 177-020-050

STA:67+22.98, 53.24RT

STA:67+31.34, 53.20RT

STA:67+75.12, 53.00RT

EXISTING MONUMENT TO REMAIN UNDISTURBED

EXISTING UTILITY POLE TO REMAIN UNDISTURBED

STA:68+72.58, 52.57RT

EXISTING UTILITY POLE AND GUY TO REMAIN UNDISTURBED

APN: 177-020-060

EXISTING MONUMENT TO REMAIN UNDISTURBED

EXISTING UTILITY EQUIPMENTS PROTECT IN PLACE

EXISTING UTILITY POLE TO REMAIN UNDISTURBED

STA:71+85.90, 55.16RT

STA:71+89.60, 53.73RT

DUCK CREEK

NOTE:
INGRESS AND EGRESS MUST BE MAINTAIN DURING CONSTRUCTION

CALL BEFORE YOU DIG 800-227-2600 UNDERGROUND SERVICE ALERT

KEY MAP

PRINCIPAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SINNOCK
NO. 32192
STATE OF CALIFORNIA CIVIL
1/12/2023

PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. KJELDSEN
NO. 61898
STATE OF CALIFORNIA CIVIL
1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

KSN inc. KJELDSEN SINNOCK NEUDECK
CIVIL ENGINEERS & LAND SURVEYORS
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West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION	CD204
DATE	1-12-2023
HORIZONTAL DATUM	CCS83, ZONE 3
VERTICAL DATUM	NAVD88
KSN PROJECT FILE NO.	2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

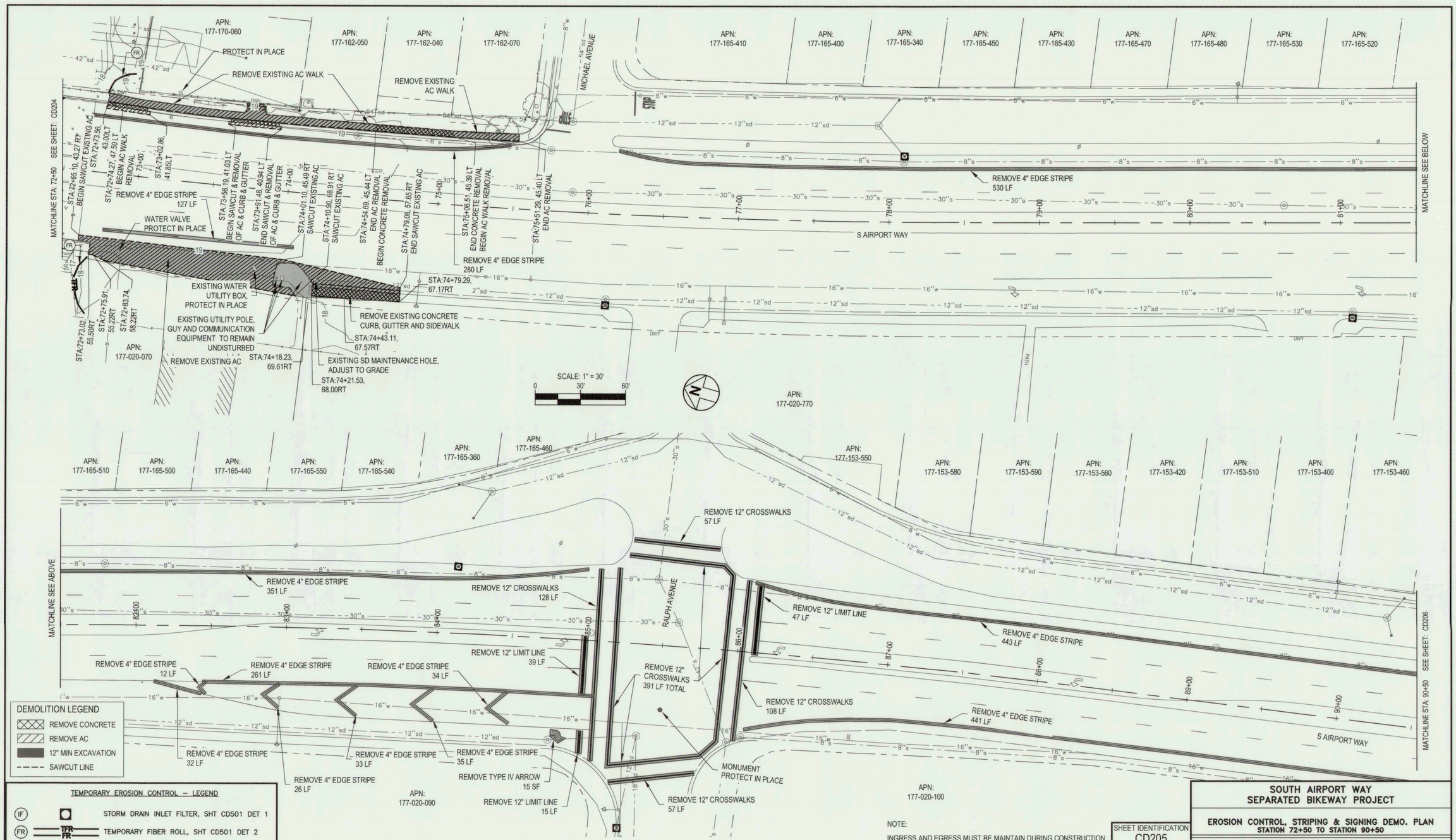
EROSION CONTROL, STRIPING & SIGNING DEMO. PLAN
STATION 54+50 TO STATION 72+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	SHOWN	APPROVED BY: DATE:	SHEET NO. 7
DESIGNED BY:	M.R.C.		OF 54 SHTS
DRAWN BY:	S.C.B.		PROJECT NO.
CHECKED BY:	J.D.K.	CITY ENGINEER	WT18008
RECORD DWG:		STOCKTON, CALIF.	

5532.6C

FILE SPEC: P:\2407_COS-South_Airport_Wy_Bikeway \0010\ 08_Civil\ 400_Plans \020_CAD\Sheets \CD200.dwg
PLOT DATE: Jan 18, 2023 - 5:26pm



FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CD200.dwg
PLOT DATE: Jan 18, 2023 – 5:26pm

PRINCIPAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SINNOCK
NO. 32192
CIVIL
STATE OF CALIFORNIA
1/12/2023

PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. KJELDSEN
NO. 61898
CIVIL
STATE OF CALIFORNIA
1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

KSN INC. KJELDSEN SINNOCK NEUDECK
CIVIL ENGINEERS & LAND SURVEYORS
www.ksninc.com
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209-946-0268
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION CD205
DATE 1-12-2023
HORIZONTAL DATUM CCS83, ZONE 3
VERTICAL DATUM NAVD88
KSN PROJECT FILE NO. 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

EROSION CONTROL, STRIPING & SIGNING DEMO. PLAN
STATION 72+50 TO STATION 90+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	SHOWN	APPROVED BY:	DATE: 1/12/23
DESIGNED BY:	M.R.C.		
DRAWN BY:	S.C.B.		
CHECKED BY:	J.D.K.	CITY ENGINEER	
RECORD DWG:		STOCKTON, CALIF.	

SHEET NO. 8
OF 54 SHTS
PROJECT NO. WT18008

5532.70

APN: 177-153-570 | APN: 177-153-340 | APN: 177-153-360 | APN: 177-153-490 | APN: 177-153-480 | APN: 177-153-380 | APN: 177-153-500 | APN: 177-153-530 | APN: 177-153-540

CARPENTER ROAD

APN: 177-155-090 | APN: 177-155-070 | APN: 177-140-330

MATCHLINE STA: 90+50 SEE SHEET: CD205

REMOVE 4" EDGE STRIPE 441 LF

REMOVE 4" EDGE STRIPE 266 LF

REMOVE 4" EDGE STRIPE 60 LF

91+00 | 92+00 | 93+00 | 94+00 | 95+00 | 96+00 | 97+00 | 98+00 | 99+00

S AIRPORT WAY

REMOVE 4" EDGE STRIPE 651 LF

MATCHLINE SEE BELOW

APN: 177-020-330

APN: 177-270-040

APN: 177-270-230

SCALE: 1" = 30'
0 30' 60'

APN: 177-140-330

MATCHLINE SEE ABOVE

REMOVE 4" EDGE STRIPE 273 LF

REMOVE TYPE VI ARROW 42 SF

REMOVE TYPE VI ARROW 42 SF

REMOVE DETAIL 12 530 LF

REMOVE TYPE VI ARROW 42 SF

REMOVE 12" CROSSWALKS 37 LF

ZEPHYR STREET

100+00 | 101+00 | 102+00 | 103+00 | 104+00 | 105+00 | 106+00 | 107+00 | 108+00

S AIRPORT WAY

REMOVE 4" STRIPE 9 LF

REMOVE 4" STRIPE 25 LF

REMOVE 12" CROSSWALKS 67 LF

REMOVE TYPE IV ARROW 15 SF

REMOVE 4" EDGE STRIPE 210 LF

REMOVE 12" CROSSWALKS 27 LF

MATCHLINE STA: 108+50 SEE SHEET: CD207

APN: 177-270-230

APN: 177-270-240

TEMPORARY EROSION CONTROL – LEGEND

(IF) STORM DRAIN INLET FILTER, SHT CD501 DET 1

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

KEY MAP

BLVD | MLK Jr. | 2nd ST | 6th ST | 8th ST | 10th ST | 12th ST | RALPH AVE. | ZEPHYR | DRIVE | BOEING | ARCH AIRPORT | STOCKTON AIRPORT | C.E. DIXON ST. | INDUSTRIAL | SPERRY RD. | PERFORMANCE DRIVE | S. AIRPORT WAY

PRINCIPAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SINNOCK
NO. 32192
CIVIL
STATE OF CALIFORNIA
1/12/2023

PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. KJELDSEN
NO. 61898
CIVIL
STATE OF CALIFORNIA
1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

KSN inc. KJELDSEN SINNOCK NEUDECK
CIVIL ENGINEERS & LAND SURVEYORS
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711 N. Pershing Avenue
Stockton, CA 95203
209-946-0268
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: CD206
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

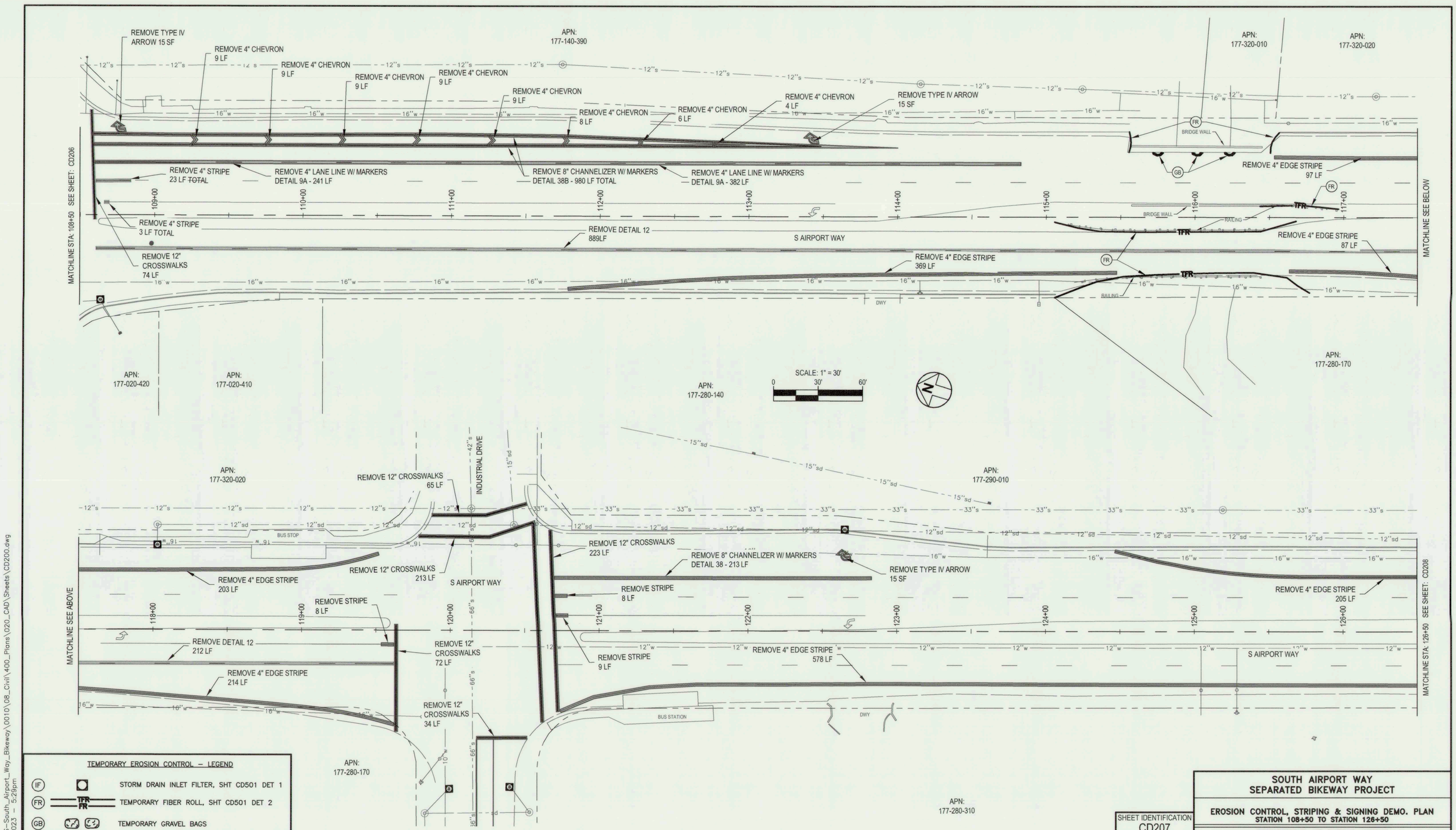
EROSION CONTROL, STRIPING & SIGNING DEMO. PLAN
STATION 90+50 TO STATION 108+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: SHOWN	APPROVED BY:	DATE:	SHEET NO. 9
DESIGNED BY: M.R.C.			OF 54 SHTS
DRAWN BY: S.C.B.			PROJECT NO. WT18008
CHECKED BY: J.D.K.	CITY ENGINEER		
RECORD DWG:	STOCKTON, CALIF.		

5532.8C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CD200.dwg
PLOT DATE: Jan 18, 2023 - 5:29pm

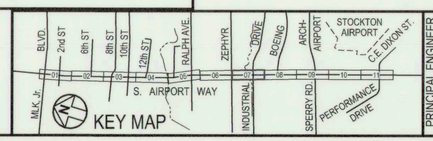


TEMPORARY EROSION CONTROL – LEGEND

IF		STORM DRAIN INLET FILTER, SHT CD501 DET 1
FR	TFR	TEMPORARY FIBER ROLL, SHT CD501 DET 2
GB		TEMPORARY GRAVEL BAGS

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

KEY MAP



PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SINNOCK — NO. 32192 — CIVIL — STATE OF CALIFORNIA — 1/12/2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — JEFFREY D. KJELDSEN — NO. 61898 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: AS SHOWN

ORIGINAL DRAWING SCALE: 0 ½" 1"

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CIVIL ENGINEERS & LAND SURVEYORS
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West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: CD207
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

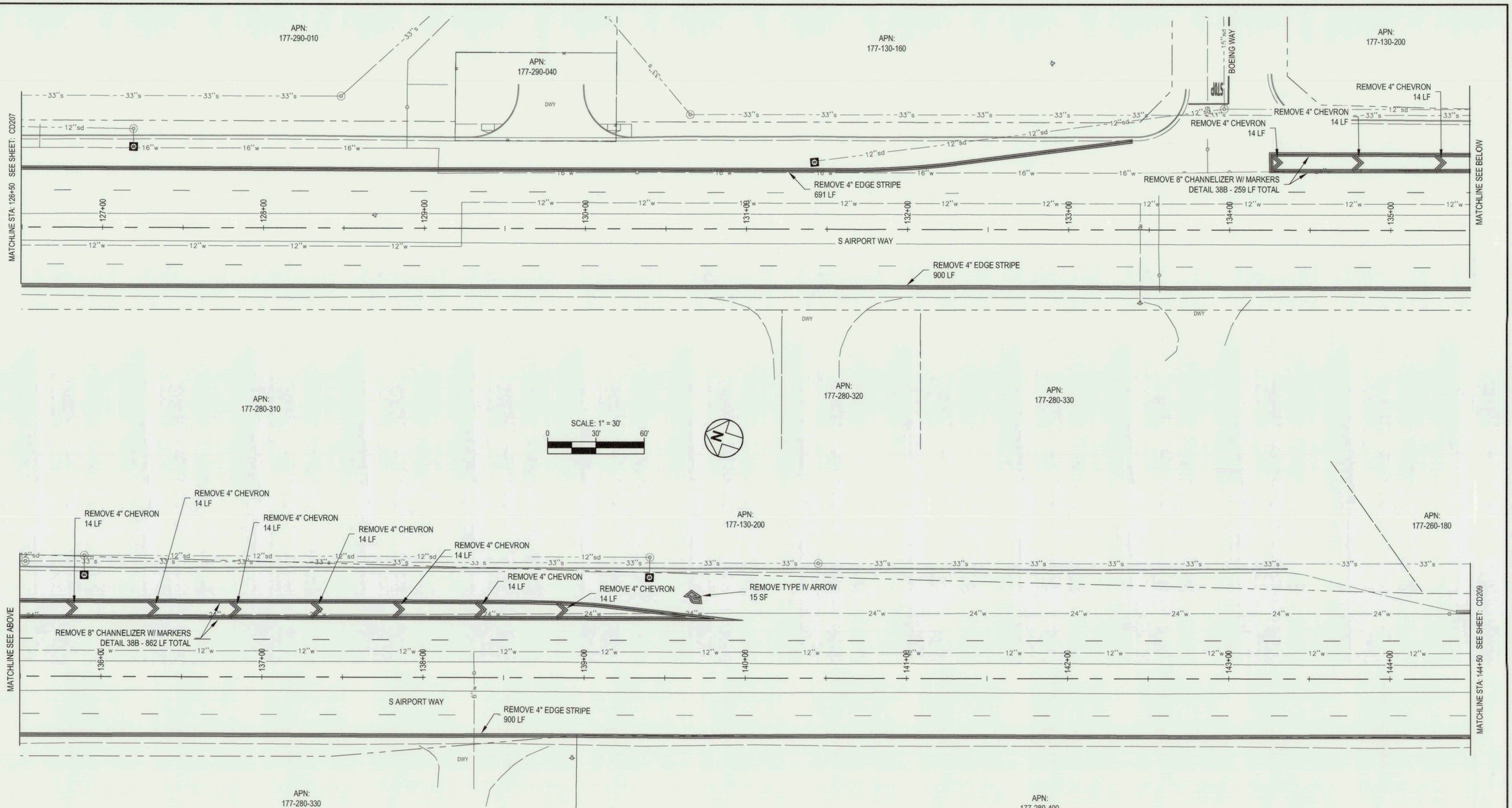
EROSION CONTROL, STRIPING & SIGNING DEMO. PLAN
STATION 108+50 TO STATION 126+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: SHOWN	APPROVED BY:	DATE:	SHEET NO. 10
DESIGNED BY: M.R.C.			OF 54 SHTS
DRAWN BY: S.C.B.			PROJECT NO. WT18008
CHECKED BY: J.D.K.	CITY ENGINEER		
RECORD DWG:	STOCKTON, CALIF.		

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CD200.dwg
PLOT DATE: Jan 18, 2023 – 5:29pm

5532.9C

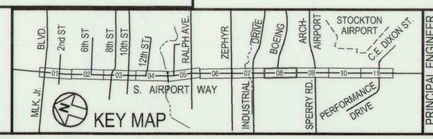


TEMPORARY EROSION CONTROL – LEGEND

(IF) STORM DRAIN INLET FILTER, SHT CD501 DET 1

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

KEY MAP



PRINCIPAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SINNOCK
NO. 32192
CIVIL
STATE OF CALIFORNIA
1/12/2023

PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. KJELDSEN
NO. 61898
CIVIL
STATE OF CALIFORNIA
1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

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West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: CD208
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

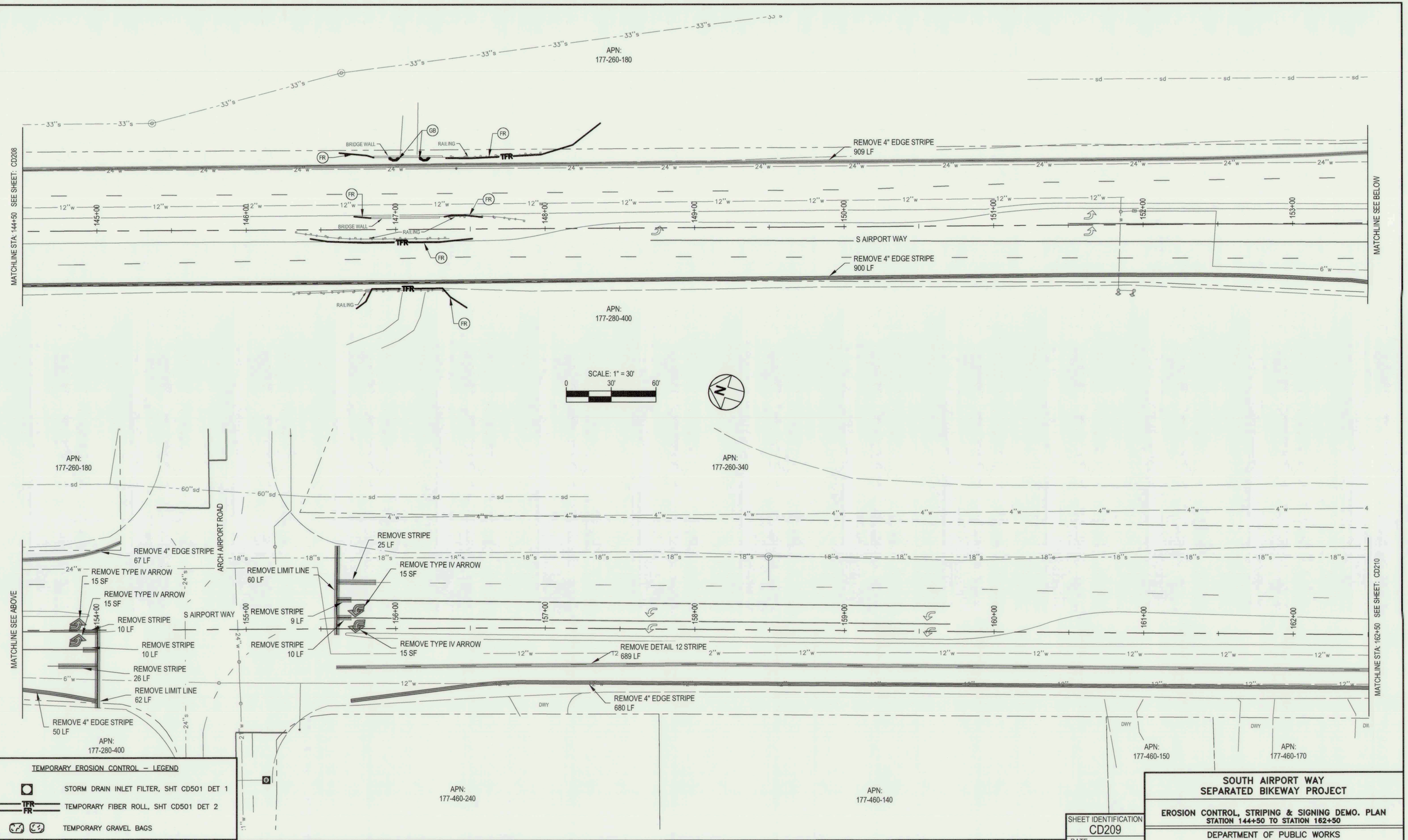
EROSION CONTROL, STRIPING & SIGNING DEMO. PLAN
STATION 126+50 TO STATION 144+500

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: SHOWN	APPROVED BY:	DATE:	SHEET NO. 11
DESIGNED BY: M.R.C.			OF 54 SHTS
DRAWN BY: S.C.B.			PROJECT NO. WT18008
CHECKED BY: J.D.K.	CITY ENGINEER		
RECORD DWG:	STOCKTON, CALIF.		

5532.10C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CD200.dwg
PLOT DATE: Jan 18, 2023 - 5:30pm

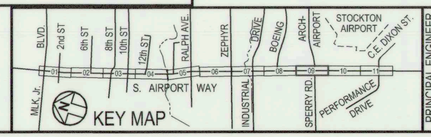


TEMPORARY EROSION CONTROL – LEGEND

(IF)		STORM DRAIN INLET FILTER, SHT CD501 DET 1
(FR)	TFR FR	TEMPORARY FIBER ROLL, SHT CD501 DET 2
(GB)		TEMPORARY GRAVEL BAGS

CALL BEFORE YOU DIG
811 or 1-800-227-2600
UNDERGROUND SERVICE ALERT

KEY MAP



PRINCIPAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SINNOCK
NO. 32192
CIVIL
STATE OF CALIFORNIA
1/12/2023

PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. KJELDSEN
NO. 61898
CIVIL
STATE OF CALIFORNIA
1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

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NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION	CD209
DATE	1-12-2023
HORIZONTAL DATUM	CCS83, ZONE 3
VERTICAL DATUM	NAVD88
KSN PROJECT FILE NO.	2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

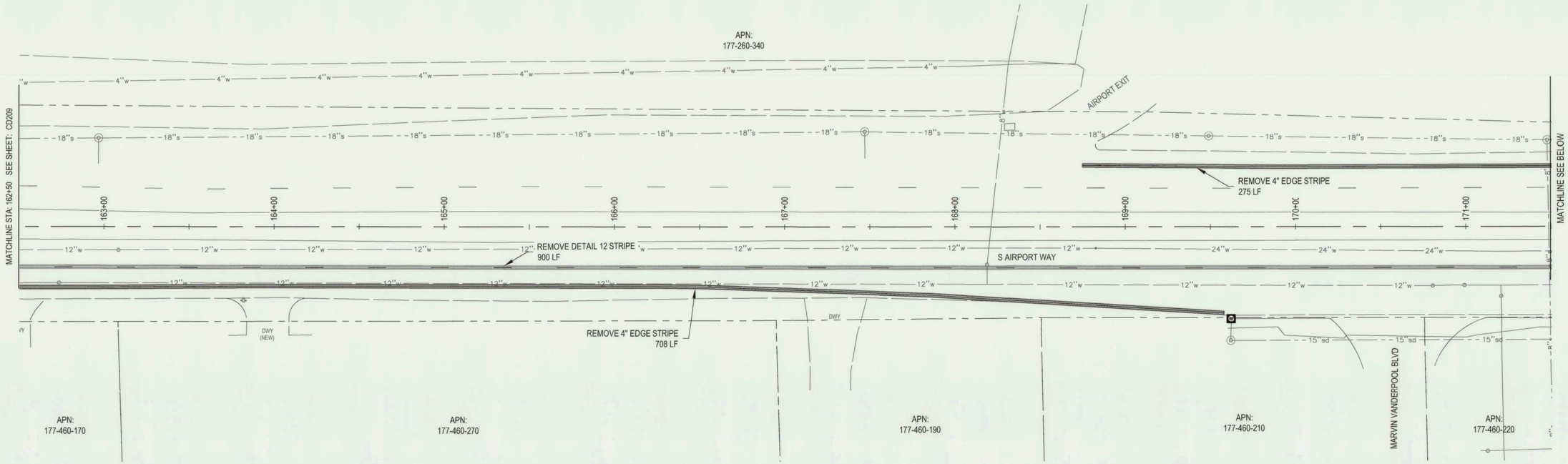
EROSION CONTROL, STRIPING & SIGNING DEMO. PLAN
STATION 144+50 TO STATION 162+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	SHOWN	APPROVED BY: DATE:	SHEET NO. 12
DESIGNED BY:	M.R.C.		OF 54 SHTS
DRAWN BY:	S.C.B.		
CHECKED BY:	J.D.K.	CITY ENGINEER	PROJECT NO. WT18008
RECORD DWG:		STOCKTON, CALIF.	

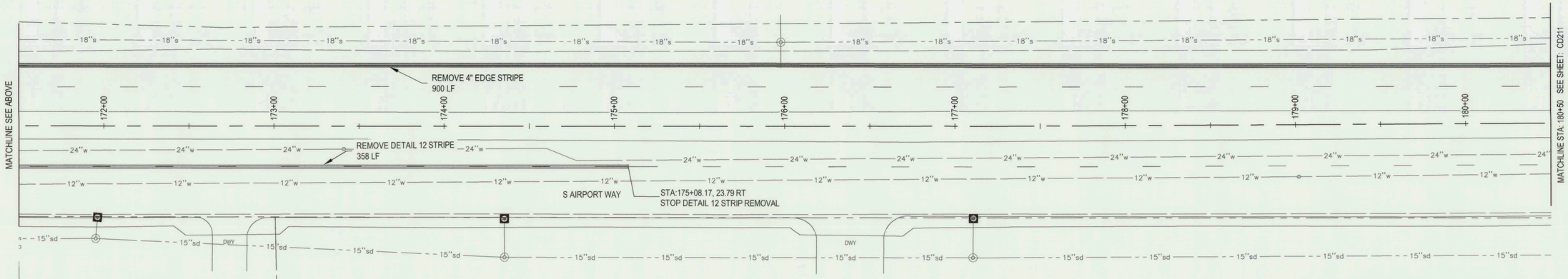
5532.11C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CD200.dwg
PLOT DATE: Jan 18, 2023 - 5:30pm



SCALE: 1" = 30'

0 30' 60'



TEMPORARY EROSION CONTROL – LEGEND

IF — STORM DRAIN INLET FILTER, SHT CD501 DET 1

CALL BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1 800 227 2600

KEY MAP

PRINCIPAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SINNOCK
NO. 32192
CIVIL
STATE OF CALIFORNIA
1/12/2023

PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. KJELDSEN
NO. 61898
CIVIL
STATE OF CALIFORNIA
1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

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West Sacramento, CA 95691
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NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION	CD210
DATE	1-12-2023
HORIZONTAL DATUM	CCS83, ZONE 3
VERTICAL DATUM	NAVD88
KSN PROJECT FILE NO.	2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

EROSION CONTROL, STRIPING & SIGNING DEMO. PLAN
STATION 162+50 TO STATION 180+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

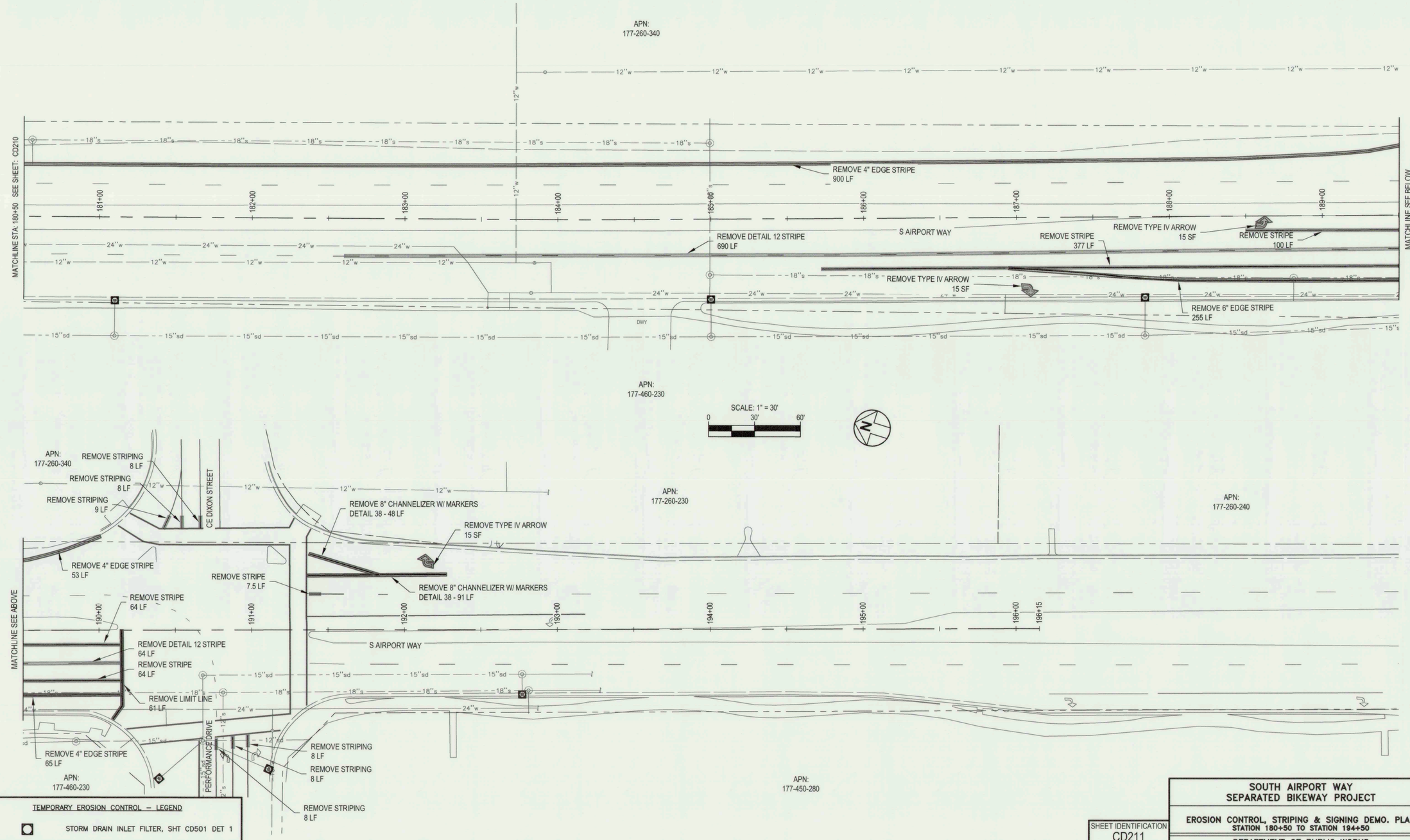
SCALE:	SHOWN	APPROVED BY:	DATE:
DESIGNED BY:	M.R.C.		
DRAWN BY:	S.C.B.		
CHECKED BY:	J.D.K.	CITY ENGINEER	
RECORD DWG:		STOCKTON, CALIF.	

4/24/23

SHEET NO.	13
OF 54 SHTS	
PROJECT NO.	WT18008

5532.12C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CD200.dwg
PLOT DATE: Jan 18, 2023 - 5:31pm


APN:
177-260-340
MATCHLINE STA: 180+50 SEE SHEET: CD210
MATCHLINE SEE BELOW
REMOVE 4" EDGE STRIPE
900 LF
REMOVE DETAIL 12 STRIPE
690 LF
S AIRPORT WAY
REMOVE TYPE IV ARROW
15 SF
REMOVE STRIPE
377 LF
REMOVE TYPE IV ARROW
15 SF
REMOVE STRIPE
100 LF
REMOVE 6" EDGE STRIPE
255 LF
APN:
177-460-230
SCALE: 1" = 30'
0 30' 60'
APN:
177-260-340
REMOVE STRIPING
8 LF
REMOVE STRIPING
8 LF
REMOVE STRIPING
9 LF
CE DIXON STREET
REMOVE 8" CHANNELIZER W/ MARKERS
DETAIL 38 - 48 LF
REMOVE TYPE IV ARROW
15 SF
APN:
177-260-230
APN:
177-260-240
REMOVE 4" EDGE STRIPE
53 LF
REMOVE STRIPE
7.5 LF
REMOVE 8" CHANNELIZER W/ MARKERS
DETAIL 38 - 91 LF
REMOVE STRIPE
64 LF
MATCHLINE SEE ABOVE
S AIRPORT WAY
REMOVE DETAIL 12 STRIPE
64 LF
REMOVE STRIPE
64 LF
REMOVE LIMIT LINE
61 LF
PERFORMANCE DRIVE
REMOVE 4" EDGE STRIPE
65 LF
REMOVE STRIPING
8 LF
REMOVE STRIPING
8 LF
REMOVE STRIPING
8 LF
APN:
177-460-230
APN:
177-450-280
TEMPORARY EROSION CONTROL – LEGEND
STORM DRAIN INLET FILTER, SHT CD501 DET 1
KEY MAP
BLVD
2nd ST
6th ST
8th ST
10th ST
12th ST
RALPH AVE
ZEPHYR
DRIVE
BOEING
ARCH-
AIRPORT
STOCKTON AIRPORT
CE DIXON ST.
MLK Jr.
S. AIRPORT WAY
INDUSTRIAL
SPERRY RD.
PERFORMANCE DRIVE
PRINCIPAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SINNOCK
NO. 32192
CIVIL
STATE OF CALIFORNIA
1/12/2023
PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. KJELDSEN
NO. 61898
CIVIL
STATE OF CALIFORNIA
1-12-2023
DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"
KSN inc.
KJELDSEN SINNOCK NEUDECK
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www.ksninc.com
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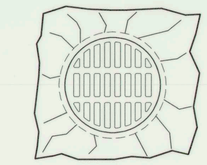
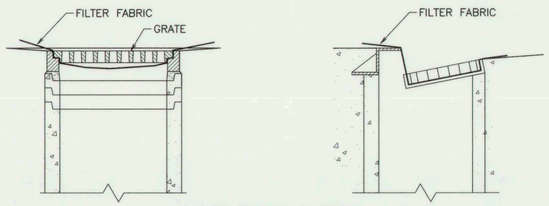
West Sacramento, CA 95691
916-403-5900
NO. DESCRIPTION DATE APPR.
SHEET IDENTIFICATION
CD211
DATE
1-12-2023
HORIZONTAL DATUM
CCS83, ZONE 3
VERTICAL DATUM
NAVD88
KSN PROJECT FILE NO.
2407-0010
SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT
EROSION CONTROL, STRIPING & SIGNING DEMO. PLAN
STATION 180+50 TO STATION 194+50
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA
SCALE: SHOWN
DESIGNED BY: M.R.C.
DRAWN BY: S.C.B.
CHECKED BY: J.D.K.
RECORD DWG:
APPROVED BY:
DATE:
CITY ENGINEER
STOCKTON, CALIF.
SHEET NO.
14
OF 54 SHTS
PROJECT NO.
WT18008
5532.13C
FILE SPEC: P:\2407_CDS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CD200.dwg
PLOT DATE: Jan 18, 2023 – 5:31pm



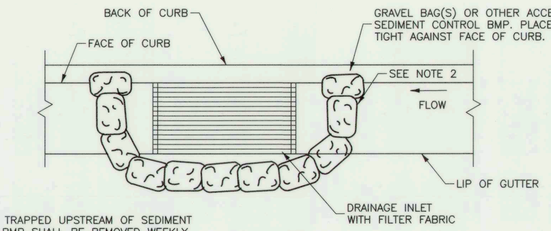
PLAN

NOTES:

1. FILTER FABRIC SHALL BE A GEOTEXTILE WOVEN MATERIAL OR APPROVED EQUAL.
2. FABRIC MATERIAL STRENGTH AND USE OF ADDITIONAL LAYERS SHALL SUIT THE LEVEL OF RUNOFF AND ENTRAINED SEDIMENT NEEDED TO PROTECT THE INLET.
3. FABRIC SHALL EXEND A MINIMUM OF 6–INCHES BEYOND EDGE OF GRATE.
4. AT HOODED CURB INLETS, FABRIC SHALL EXTEND ABOVE THE TOP OF CURB, USE GRAVEL BAGS AS NECESSARY TO HOLD THE FABRIC AND TO BERM AGAINST BYPASS.
5. FILTERS SHALL BE INSPECTED WEEKLY AND REPLACED WITH CLEAN FABRIC WHENEVER SEDIMENT AND DEBRIS IS VISIBLE.



INLET FILTER FABRIC

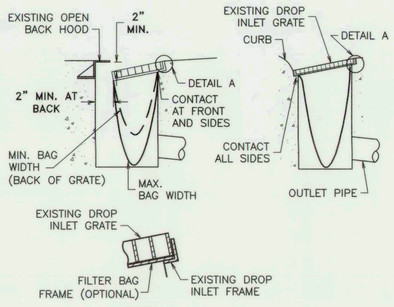


PLAN VIEW

NOTES:

1. SEDIMENT TRAPPED UPSTREAM OF SEDIMENT CONTROL BMP SHALL BE REMOVED WEEKLY AND PRIOR TO ANTICIPATED RAINFALL EVENTS.
2. PLACE BMP'S TIGHTLY TOGETHER AT JOINTS TO PREVENT OR MINIMIZE SEEPAGE AT JOINTS.

GRAVEL BAG INLET SEDIMENT CONTROL



DETAIL A

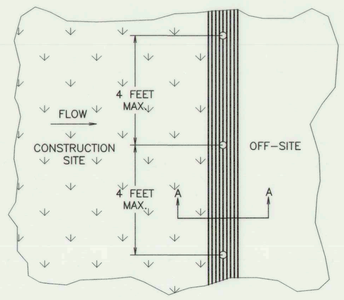
NOTES:

1. THE FILTER BAG SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE NYLON, POLYESTER, OR ETHYLENE FABRIC WITH A MINIMUM TENSILE STRENGTH OF 50 LBS PER LINEAR FOOT. AN EQUIVALENT OPENING SIZE NOT GREATER THAN A 20 SIEVE AND WITH A MINIMUM FLOW RATE OF 40 GALLONS/MINUTE/SQ. FT.
2. THE FILTER BAG MAY BE SUSPENDED FROM OR HELD IN PLACE BY THE EXISTING INLET GRATE (OR OTHER APPROVED METHOD) PROVIDING NO MODIFICATION OR DAMAGE SHALL BE DONE TO THE INLET GRATE OR FRAME. THE INLET GRATE SHALL NOT BE CAUSED TO REST MORE THAN 0.5" ABOVE THE INLET FRAME (SEE DETAIL A).
3. THE FILTER BAG MAY EXTEND TO THE BOTTOM OF THE INLET BOX PROVIDED THE OUTLET PIPE IS UNOBSTRUCTED.
4. FLOWS SHALL NOT BE ALLOWED TO BYPASS PROTECTION MEASURES.
5. 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.

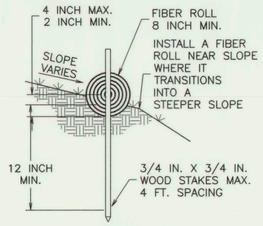
INLET FILTER BAG

1. ALL INLET BMP PROTECTION MEASURES SHALL INCLUDE AT A MINIMUM FILTER FABRIC UNDER GRATES AND LIDS. GRAVEL BAG BERMS AND INLET PERIMETERS SHALL BE ADDED WHEN FABRIC HAS POTENTIAL FOR BEING OVERLOADED. FILTER BAGS SHALL BE ADDED WHEN AN INLET IS AT RISK TO FILTERING OF HEAVY SEDIMENT LADEN RUNOFF, I.E. WET WINTER CONSTRUCTION CONDITIONS.

1 TEMPORARY STORM DRAIN INLET FILTERS
N.T.S.



TYPICAL FIBER ROLL INSTALLATION

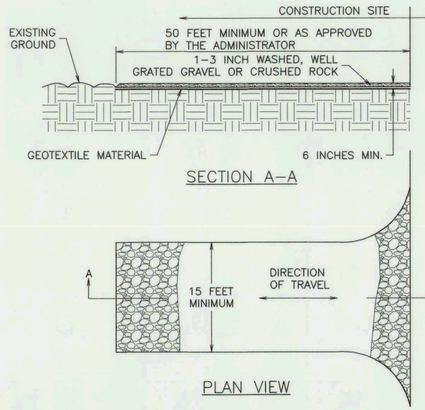


SECTION A–A

NOTES:

1. INSTALL FIBER ROLLS IN A ROW ALONG A LEVEL CONTOUR.
2. AT ENDS OF A ROW TURN THE LAST TWO FEET UP SLOPE SLIGHTLY.
3. FIBER ROLLS SHALL BE BUTTED TIGHTLY AT THE JOINTS.
4. DO NOT OVERLAP JOINTS.

2 TEMPORARY FIBER ROLLS
N.T.S.



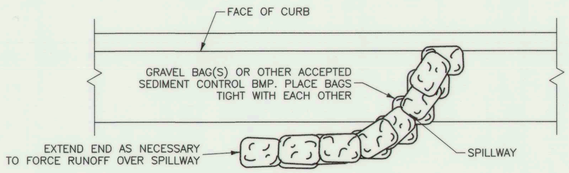
SECTION A–A

PLAN VIEW

NOTES:

1. STABILIZED CONSTRUCTION SITE ACCESS SHALL BE CONSTRUCTED OF 1–3 INCH WASHED, WELL GRATED GRAVEL OR CRUSHED ROCK. MATERIAL SHALL BE PLACED TO A MINIMUM THICKNESS OF 6 INCHES.
2. LENGTH OF ENTRANCE SHALL BE A MINIMUM OF 50 FEET. WIDTH SHALL BE A MINIMUM OF 15 FEET OR GREATER IF NECESSARY TO COVER ALL VEHICULAR INGRESS AND EGRESS. PROVIDE AMPLE TURNING RADII.
3. THE ENTRANCE SHALL BE KEPT IN GOOD CONDITION BY OCCASIONAL TOP DRESSING WITH MATERIAL AS SPECIFIED IN NOTE 1.
4. ACCESSES SHALL BE INSPECTED WEEKLY DURING PERIODS OF HEAVY USAGE, MONTHLY DURING NORMAL USAGE, AND AFTER EACH RAINFALL, WITH MAINTENANCE PROVIDED AS NECESSARY. PERIODIC TOP DRESSING SHALL BE DONE AS NEEDED.

3 TEMPORARY STABILIZED CONSTRUCTION SITE ACCESS
N.T.S.



4 TEMPORARY GRAVEL BAG BERM
N.T.S.

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PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SINNOCK — NO. 32192 — CIVIL — STATE OF CALIFORNIA — 1/12/2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — JEFFREY D. KJELDSEN — NO. 61898 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: AS SHOWN — ORIGINAL DRAWING SCALE 0 ½" 1"

KSN inc. KJELDSEN SINNOCK NEUDECK
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1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: CD501
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT

EROSION CONTROL DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: SHOWN
DESIGNED BY: M.R.C.
DRAWN BY: S.C.B.
CHECKED BY: J.D.K.
RECORD DWG:

APPROVED BY: DATE: 4/18/23
CITY ENGINEER
STOCKTON, CALIF.

SHEET NO. 15
OF 54 SHTS
PROJECT NO. WT18008

5532.14C

FILE SPEC: P:\2407_COS–South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CD500.dwg
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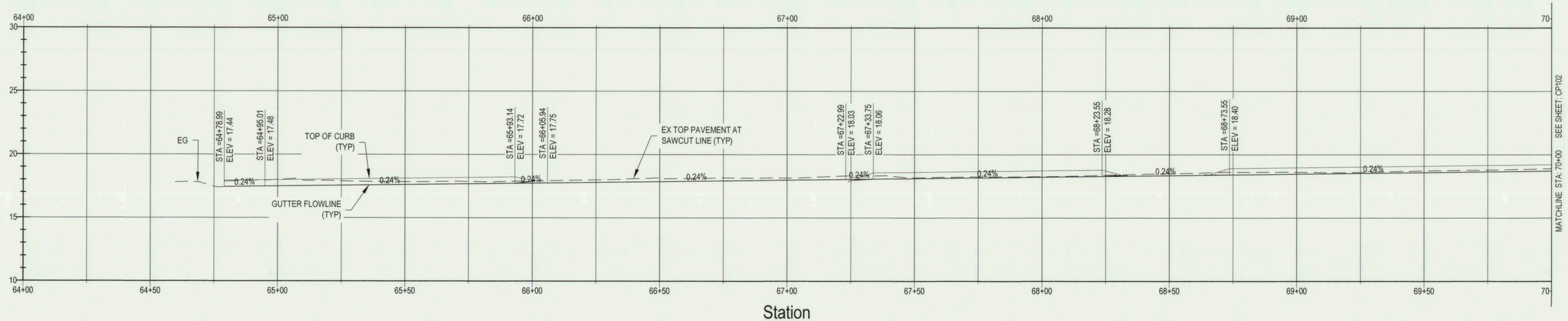
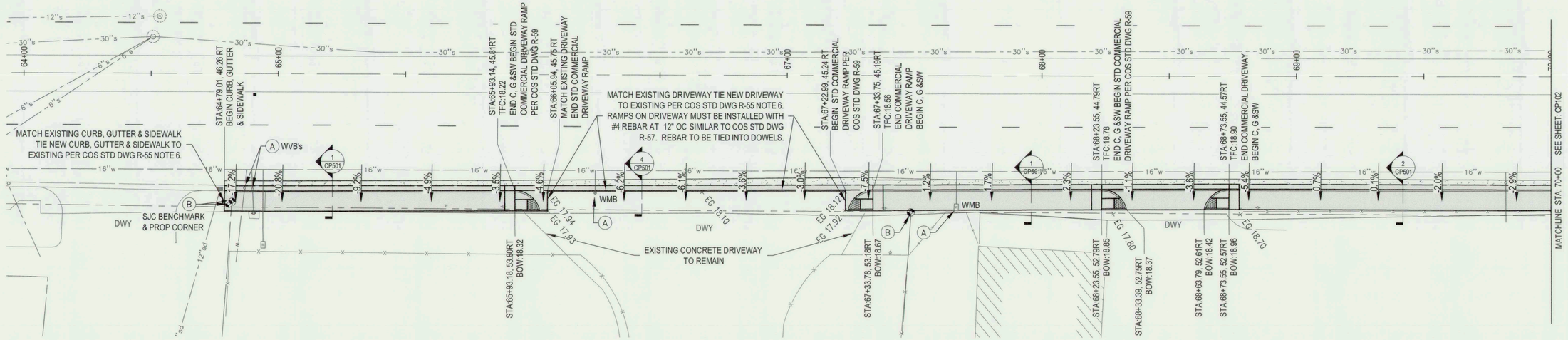


PROFILE

SCALE: 1" = 20'
HORZ: 1" = 20' 0 10 20 40
VERT: 1" = 4' 0 2 4 8

PROFILE NOTES:
1. ALL ELEVATIONS & SLOPES REFER TO GUTTER FLOWLINE.



PLAN

PLAN NOTES:
(A) ADJUST TO GRADE
(B) DO NOT DISTURB SURVEY MONUMENT

IMPROVEMENT LEGEND
- AC PAVEMENT
- CONCRETE
- GRADE
- TRUNCATED DOMES

KEY MAP: MLK Jr. BLVD. | 2nd ST | 6th ST | 8th ST | 10th ST | 12th ST | RALPH AVE. | ZEPHYR DRIVE | BOEING | ARCH-AIRPORT | STOCKTON AIRPORT | C.E. DICKON ST. | INDUSTRIAL | SPERRY RD. | PERFORMANCE DRIVE | S. AIRPORT WAY

PRINCIPAL ENGINEER: REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SINNOCK NO. 32192 CIVIL STATE OF CALIFORNIA — 1/12/2023
PROJECT ENGINEER: REGISTERED PROFESSIONAL ENGINEER JEFFREY D. KJELDSEN NO. 61898 CIVIL STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE 0 ½" 1"

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CIVIL ENGINEERS & LAND SURVEYORS
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1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: CP201
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

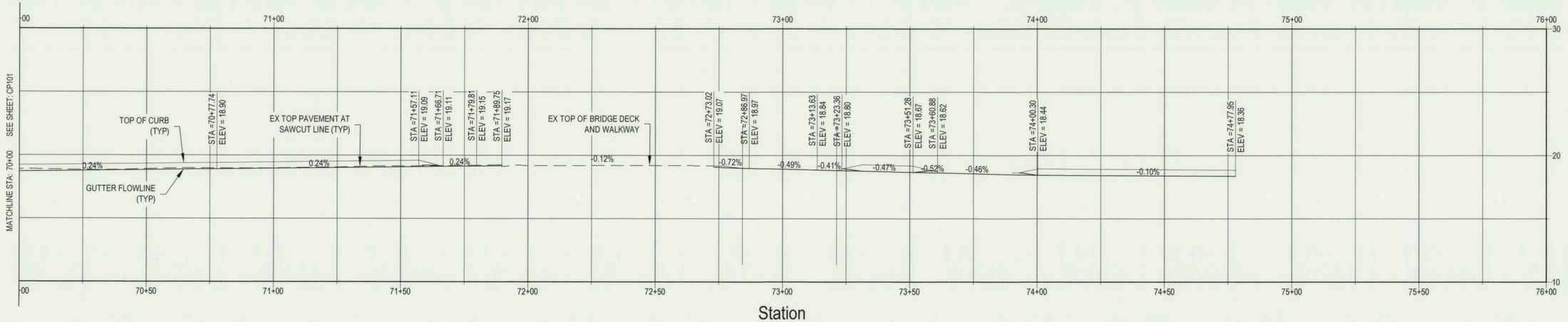
FRONTAGE IMPROVEMENTS – PLAN & PROFILE
STA 64+00 TO STA 70+00 WEST

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: SHOWN	APPROVED BY:	DATE: 7/19/23	SHEET NO. 16
DESIGNED BY: M.R.C.			OF 54 SHTS
DRAWN BY: S.C.B.			PROJECT NO.
CHECKED BY: J.D.K.	CITY ENGINEER		WT18008
RECORD DWG:	STOCKTON, CALIF.		

5532.15C

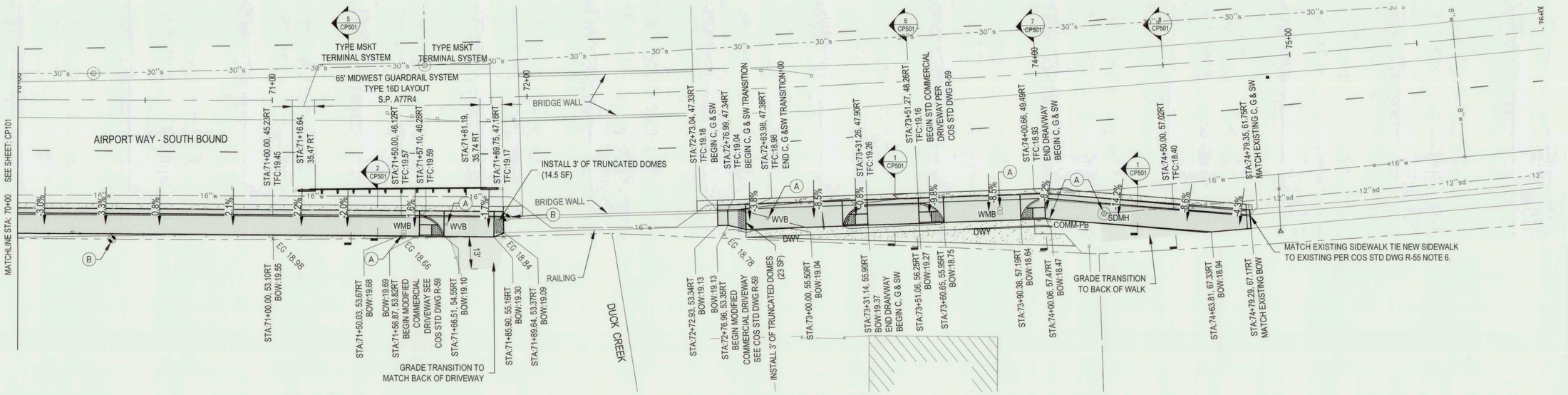
FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CP200(Profile).dwg
PLOT DATE: Jan 19, 2023 - 2:36pm



PROFILE

SCALE: 1" = 20'
HORZ: 1" = 20' 0 10 20 40
VERT: 1" = 4' 0 2 4 8

PROFILE NOTES:
1. ALL ELEVATIONS & SLOPES REFER TO GUTTER FLOWLINE.



PLAN

PLAN NOTES:
(A) ADJUST TO GRADE
(B) DO NOT DISTURB SURVEY MONUMENT

IMPROVEMENT LEGEND
- AC PAVEMENT
- CONCRETE
- GRADE
- TRUNCATED DOMES

KEY MAP

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SINNOCK — NO. 32192 — CIVIL — STATE OF CALIFORNIA — 1/12/2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — JEFFREY D. KJELDSEN — NO. 61898 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE 0 ½" 1"

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West Sacramento, CA 95691
916-400-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: CP202
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

FRONTAGE IMPROVEMENTS – PLAN & PROFILE
STA 70+00 TO STA 76+00 WEST

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: SHOWN	APPROVED BY:	DATE:	SHEET NO. 17
DESIGNED BY: M.R.C.			OF 54 SHTS
DRAWN BY: S.C.B.			PROJECT NO.
CHECKED BY: J.D.K.	CITY ENGINEER		WT18008
RECORD DWG:	STOCKTON, CALIF.		

5532.16 C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CP200(Profile).dwg
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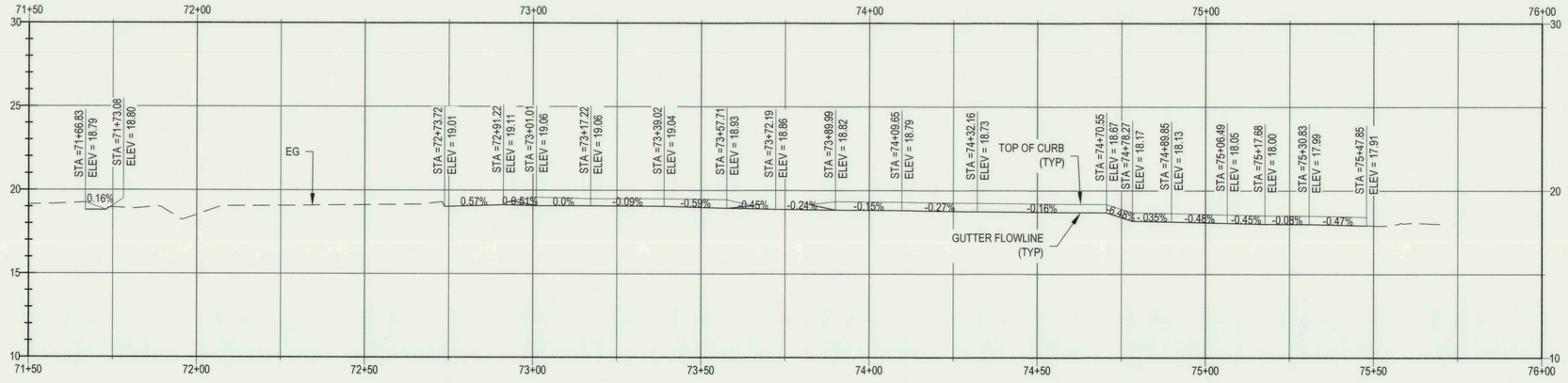
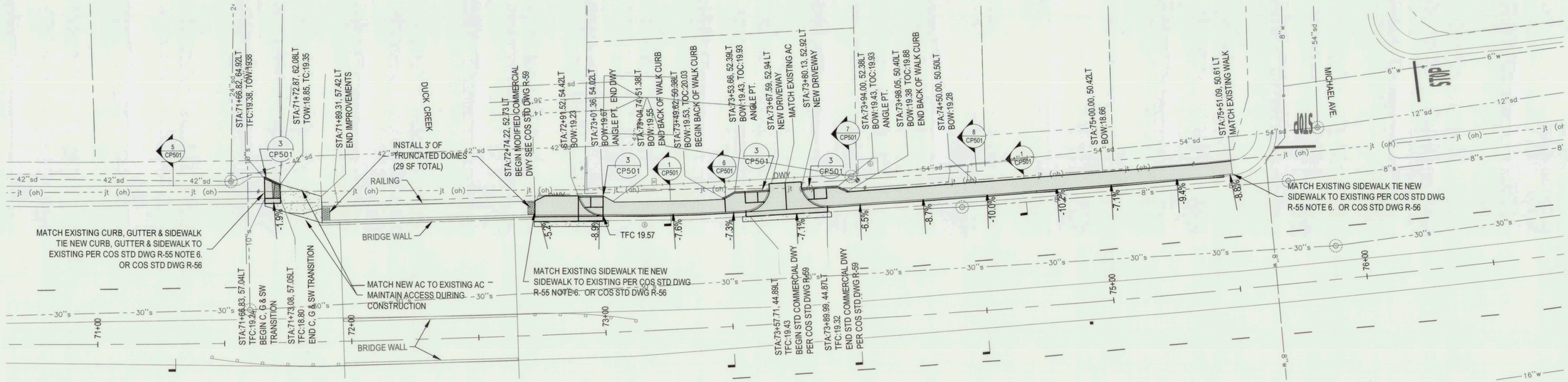


PROFILE

SCALE: 1" = 20'
HORZ: 1" = 20' 0 10 20 40
VERT: 1" = 4' 0 2 4 8

PROFILE NOTES:
1. ALL ELEVATIONS & SLOPES REFER TO GUTTER FLOWLINE.



PLAN

IMPROVEMENT LEGEND
- PAVEMENT
- CONCRETE
- GRADE
- TRUNCATED DOMES

KEY MAP: MLK Jr. BLVD. · 2nd ST · 6th ST · 8th ST · 10th ST · 12th ST · RALPH AVE. · ZEPHYR DRIVE · BOEING · ARCH-AIRPORT · STOCKTON AIRPORT · C.E. DICKSON ST. · S. AIRPORT WAY · INDUSTRIAL · SPERRY RD. · PERFORMANCE DRIVE

PRINCIPAL ENGINEER: REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SINNOCK NO. 32192 CIVIL STATE OF CALIFORNIA — 1/12/2023

PROJECT ENGINEER: REGISTERED PROFESSIONAL ENGINEER JEFFREY D. KJELDSEN NO. 61898 CIVIL STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: AS SHOWN
ORIGINAL DRAWING SCALE 0 ½" 1"

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NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: CP203
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

FRONTAGE IMPROVEMENTS – PLAN & PROFILE
STA 71+00 TO STA 76+00 EAST

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: SHOWN
DESIGNED BY: M.R.C.
DRAWN BY: S.C.B.
CHECKED BY: J.D.K.
RECORD DWG:
APPROVED BY: DATE: 1/19/23
CITY ENGINEER
STOCKTON, CALIF.

SHEET NO. 18 OF 54 SHTS
PROJECT NO. WT18008

5532.17C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CP200(Profile).dwg
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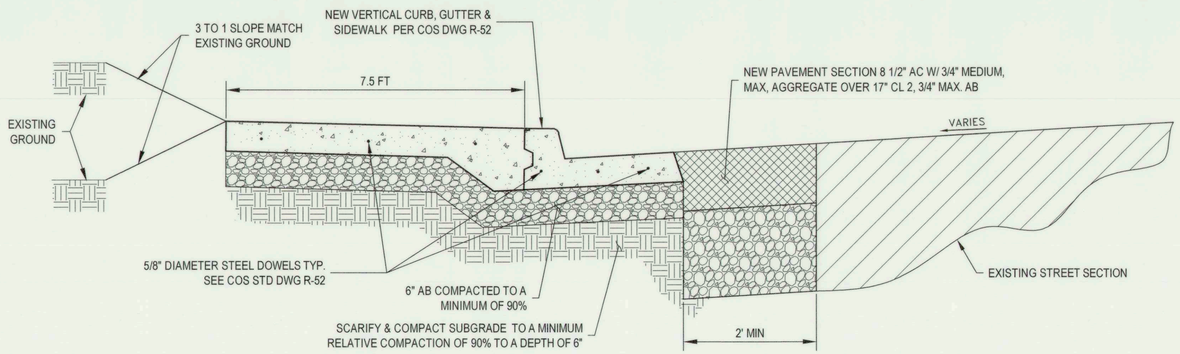
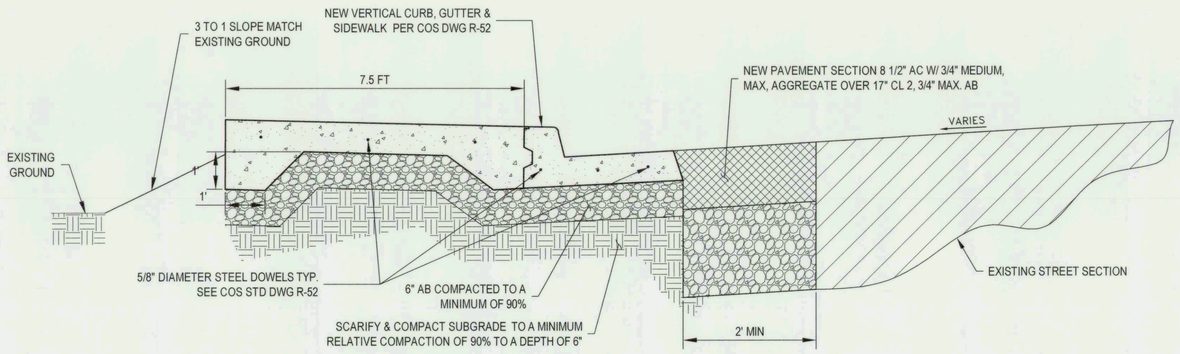
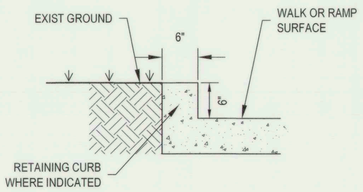


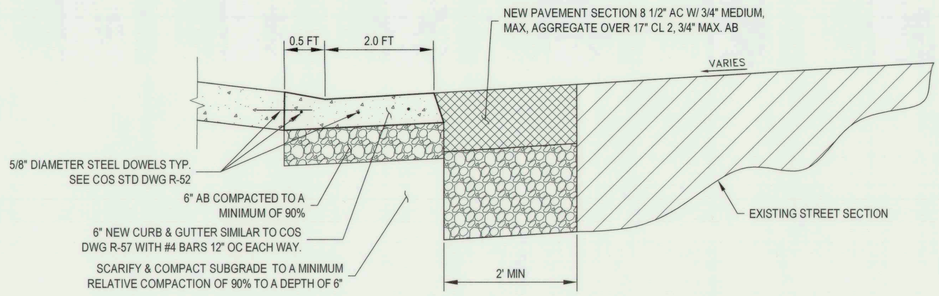
1 NEW PAVEMENT-VERTICAL CURB, GUTTER & SIDEWALK
N.T.S.



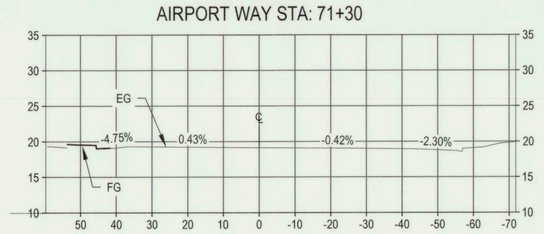
2 NEW PAVEMENT-THICK EDGE VERTICAL CURB, GUTTER & SIDEWALK
N.T.S.



3 RETAINING CURB
N.T.S.



4 NEW PAVEMENT-THICK EDGE CURB & GUTTER
N.T.S.



5 SECTION VIEW - STA 71+30
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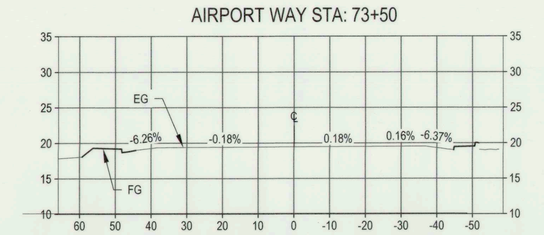
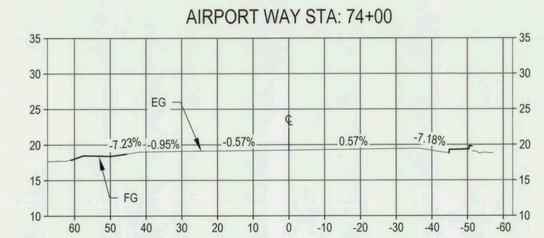


6 SECTION VIEW - STA 73+50
N.T.S.



7 SECTION VIEW - STA 74+00
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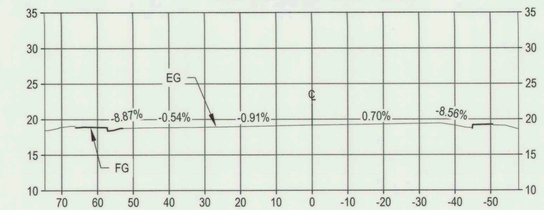

8 SECTION VIEW - STA 74+50
N.T.S.

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CP500.dwg
PLOT DATE: Jan 19, 2023 - 3:19pm

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PRINCIPAL ENGINEER: REGISTERED PROFESSIONAL ENGINEER, STEPHEN K. SINNOCK, No. 32192, CIVIL, STATE OF CALIFORNIA, 1/12/2023

PROJECT ENGINEER: REGISTERED PROFESSIONAL ENGINEER, JEFFREY D. KJELDSEN, No. 61898, CIVIL, STATE OF CALIFORNIA, 1-12-2023

DRAWING SCALE: AS SHOWN
ORIGINAL DRAWING SCALE 0 ½" 1"

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West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION	CP501
DATE	1-12-2023
HORIZONTAL DATUM	CCS83, ZONE 3
VERTICAL DATUM	NAVD88
KSN PROJECT FILE NO.	2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT

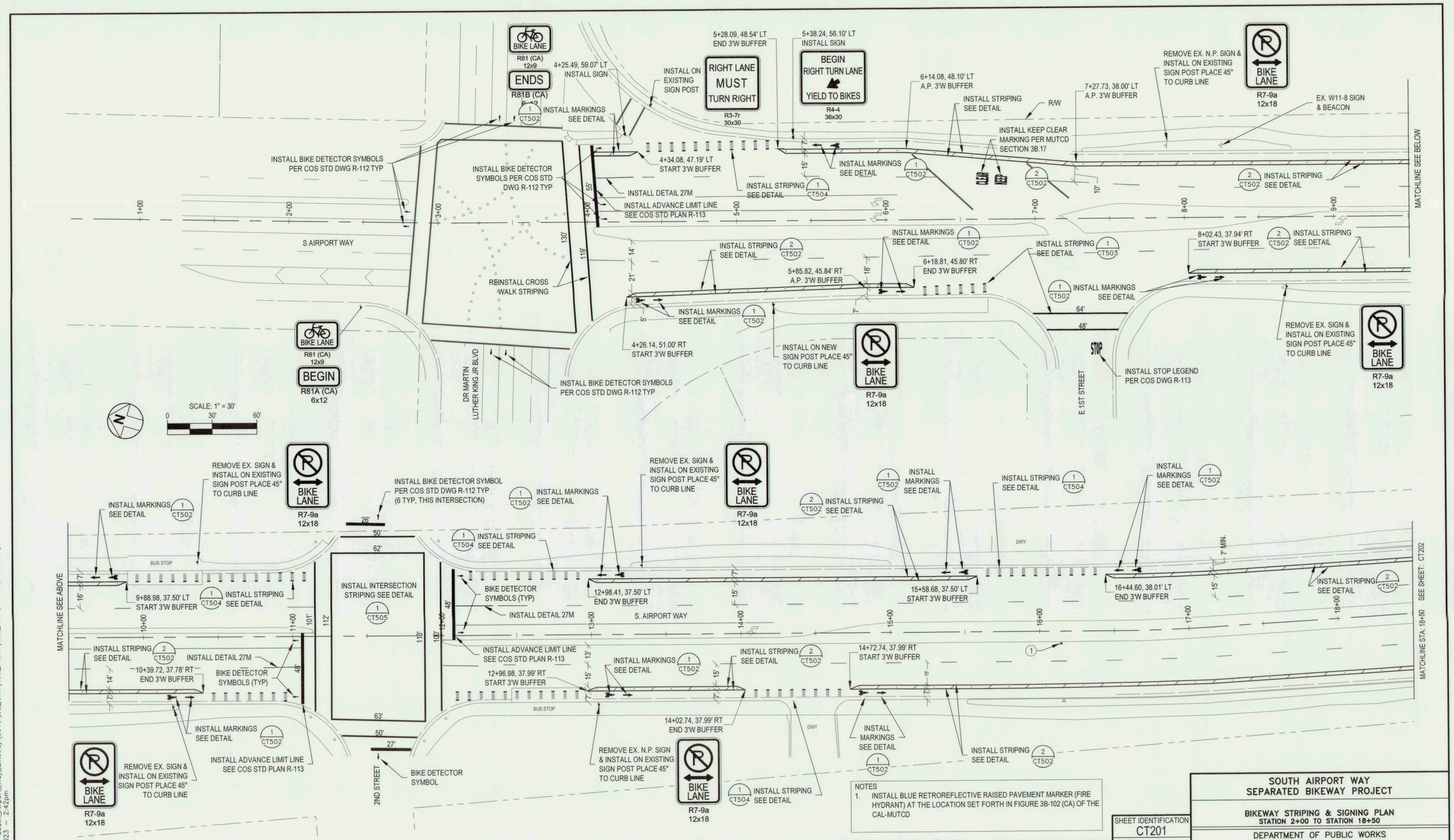
FRONTAGE AND ACCESS IMPROVEMENT DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	SHOWN	APPROVED BY:	DATE: 1/12/23
DESIGNED BY:	M.R.C.		
DRAWN BY:	S.C.B.		
CHECKED BY:	J.D.K.	CITY ENGINEER	
RECORD DWG:		STOCKTON, CALIF.	

SHEET NO.	19
OF 54 SHTS	
PROJECT NO.	WT18008

5532.18c



NOTES
1. INSTALL BLUE RETROREFLECTIVE RAISED PAVEMENT MARKER (FIRE HYDRANT) AT THE LOCATION SET FORTH IN FIGURE 3B-102 (CA) OF THE CAL-MUTCD

KEY MAP

BLVD. | 2nd ST | 6th ST | 8th ST | 10th ST | 12th ST | RALPH AVE. | ZEPHYR | DRIVE | BOEING | ARCH AIRPORT | STOCKTON AIRPORT | C.E. DIXON ST.
MLK Jr. | S. AIRPORT WAY | INDUSTRIAL | SPERRY RD | PERFORMANCE DRIVE

PRINCIPAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SINNOCK
NO. 32192
CIVIL
STATE OF CALIFORNIA
1/12/2023

PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. KJELDSEN
NO. 61898
CIVIL
STATE OF CALIFORNIA
1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

KSN inc.
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1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION	CT201
DATE	1-12-2023
HORIZONTAL DATUM	CCS83, ZONE 3
VERTICAL DATUM	NAVD88
KSN PROJECT FILE NO.	2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

BIKEWAY STRIPING & SIGNING PLAN
STATION 2+00 TO STATION 18+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	SHOWN
DESIGNED BY:	M.R.C.
DRAWN BY:	S.C.B.
CHECKED BY:	J.D.K.
RECORD DWG:	

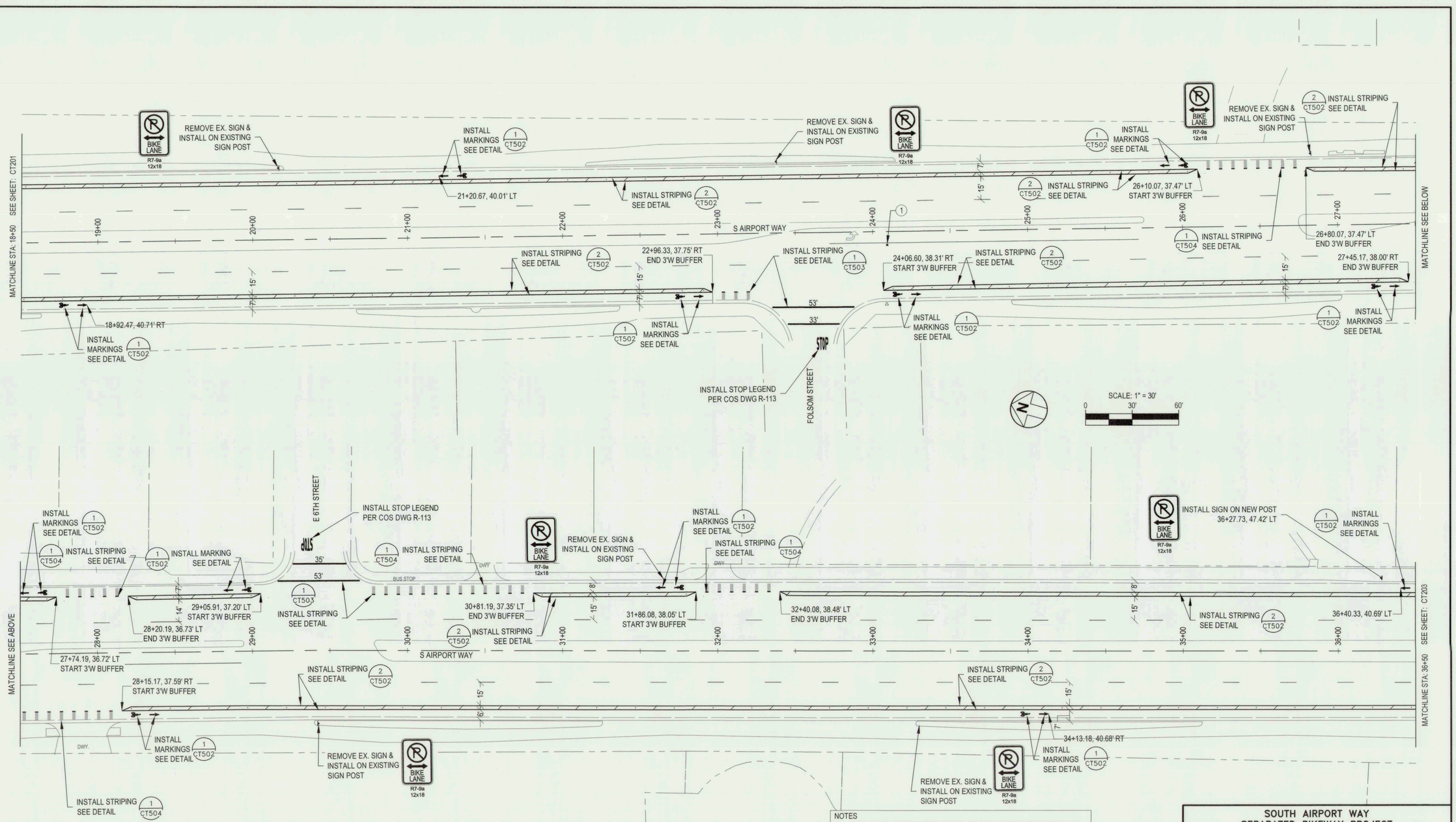
APPROVED BY: DATE: 4/18/23
CITY ENGINEER
STOCKTON, CALIF.

SHEET NO. 20 OF 54 SHTS
PROJECT NO. WT18008

5532.19C

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

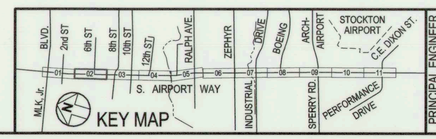
FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT200.dwg
PLOT DATE: Jan 19, 2023 - 2:42pm



NOTES
1. INSTALL BLUE RETROREFLECTIVE RAISED PAVEMENT MARKER (FIRE HYDRANT) AT THE LOCATION SET FORTH IN FIGURE 3B-102 (CA) OF THE CAL-MUTCD

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

KEY MAP



PRINCIPAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SINNOCK
NO. 32192
CIVIL
STATE OF CALIFORNIA
1/12/2023

PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. KJELDSEN
NO. 61898
CIVIL
STATE OF CALIFORNIA
1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

KJELDSEN SINNOCK NEUDECK
KSN inc.
CIVIL ENGINEERS & LAND SURVEYORS
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West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION CT202
DATE 1-12-2023
HORIZONTAL DATUM CCS83, ZONE 3
VERTICAL DATUM NAVD88
KSN PROJECT FILE NO. 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

BIKEWAY STRIPING & SIGNING PLAN
STATION 18+50 TO STATION 36+50

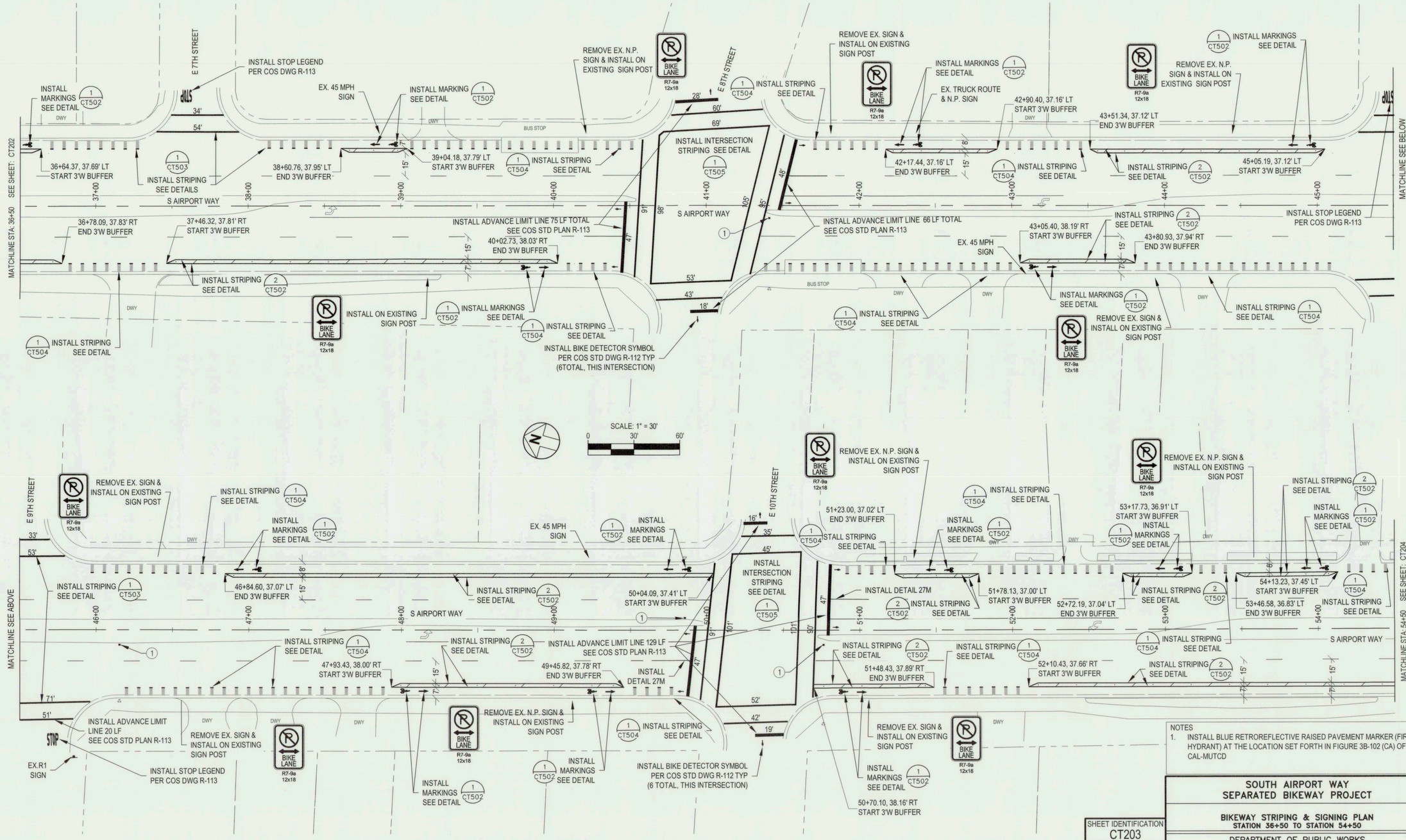
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	SHOWN	APPROVED BY:	DATE: 4/6/23
DESIGNED BY:	M.R.C.		
DRAWN BY:	S.C.B.		
CHECKED BY:	J.D.K.	CITY ENGINEER	
RECORD DWG:		STOCKTON, CALIF.	

SHEET NO. 21
OF 54 SHTS
PROJECT NO. WT18008

5532.20C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT200.dwg
PLOT DATE: Jan 19, 2023 - 2:42pm



NOTES
1. INSTALL BLUE RETROREFLECTIVE RAISED PAVEMENT MARKER (FIRE HYDRANT) AT THE LOCATION SET FORTH IN FIGURE 3B-102 (CA) OF THE CAL-MUTCD

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SINNOCK — NO. 32192 — CIVIL — STATE OF CALIFORNIA — 1/12/2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — JEFFREY D. KJELDSEN — NO. 61898 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: AS SHOWN
ORIGINAL DRAWING SCALE: 0 ½" 1"

KSN inc. KJELDSEN SINNOCK NEUDECK
CIVIL ENGINEERS & LAND SURVEYORS
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1550 Harbor Blvd., Suite 212, West Sacramento, CA 95691, 916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: CT203
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

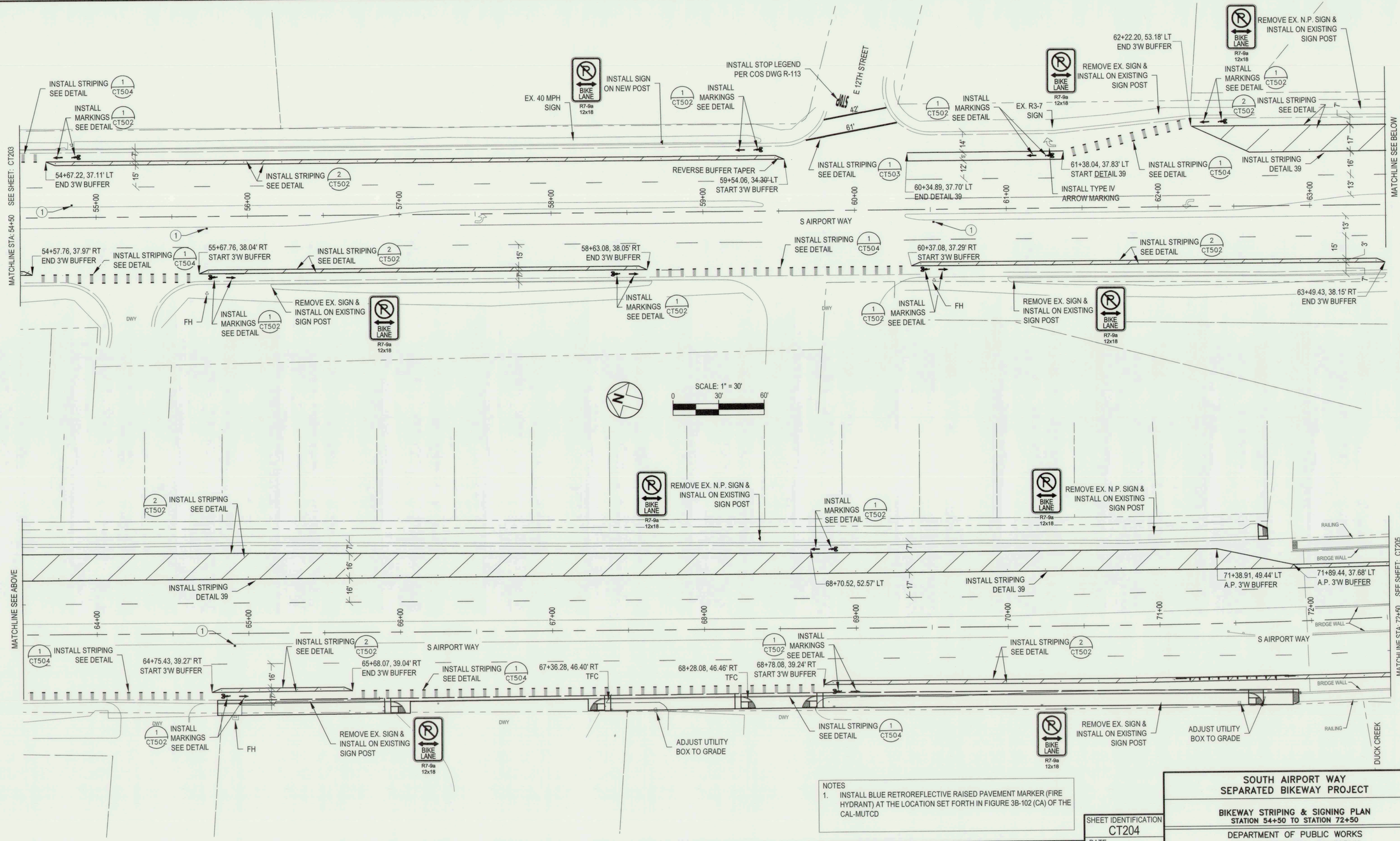
BIKEWAY STRIPING & SIGNING PLAN
STATION 36+50 TO STATION 54+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	SHOWN	APPROVED BY:	DATE: 4/6/23
DESIGNED BY:	M.R.C.		SHEET NO. 22
DRAWN BY:	S.C.B.		OF 54 SHTS
CHECKED BY:	J.D.K.	CITY ENGINEER, STOCKTON, CALIF.	PROJECT NO. WT18008
RECORD DWG:			

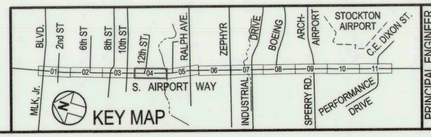
5532.21C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT200.dwg
PLOT DATE: Jan 19, 2023 - 2:43pm



NOTES
1. INSTALL BLUE RETROREFLECTIVE RAISED PAVEMENT MARKER (FIRE HYDRANT) AT THE LOCATION SET FORTH IN FIGURE 3B-102 (CA) OF THE CAL-MUTCD

KEY MAP



PRINCIPAL ENGINEER — STEPHEN K. SINNOCK — No. 32192 — CIVIL — STATE OF CALIFORNIA — 1/12/2023

PROJECT ENGINEER — JEFFREY D. KJELDSEN — No. 61898 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: AS SHOWN
ORIGINAL DRAWING SCALE: 0 ½" 1"

KSN inc. — KJELDSEN SINNOCK NEUDECK — CIVIL ENGINEERS & LAND SURVEYORS
www.ksninc.com
711 N. Pershing Avenue, Stockton, CA 95203, 209-946-0268
1550 Harbor Blvd., Suite 212, West Sacramento, CA 95691, 916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION	CT204
DATE	1-12-2023
HORIZONTAL DATUM	CCS83, ZONE 3
VERTICAL DATUM	NAVD88
KSN PROJECT FILE NO.	2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

BIKEWAY STRIPING & SIGNING PLAN
STATION 54+50 TO STATION 72+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

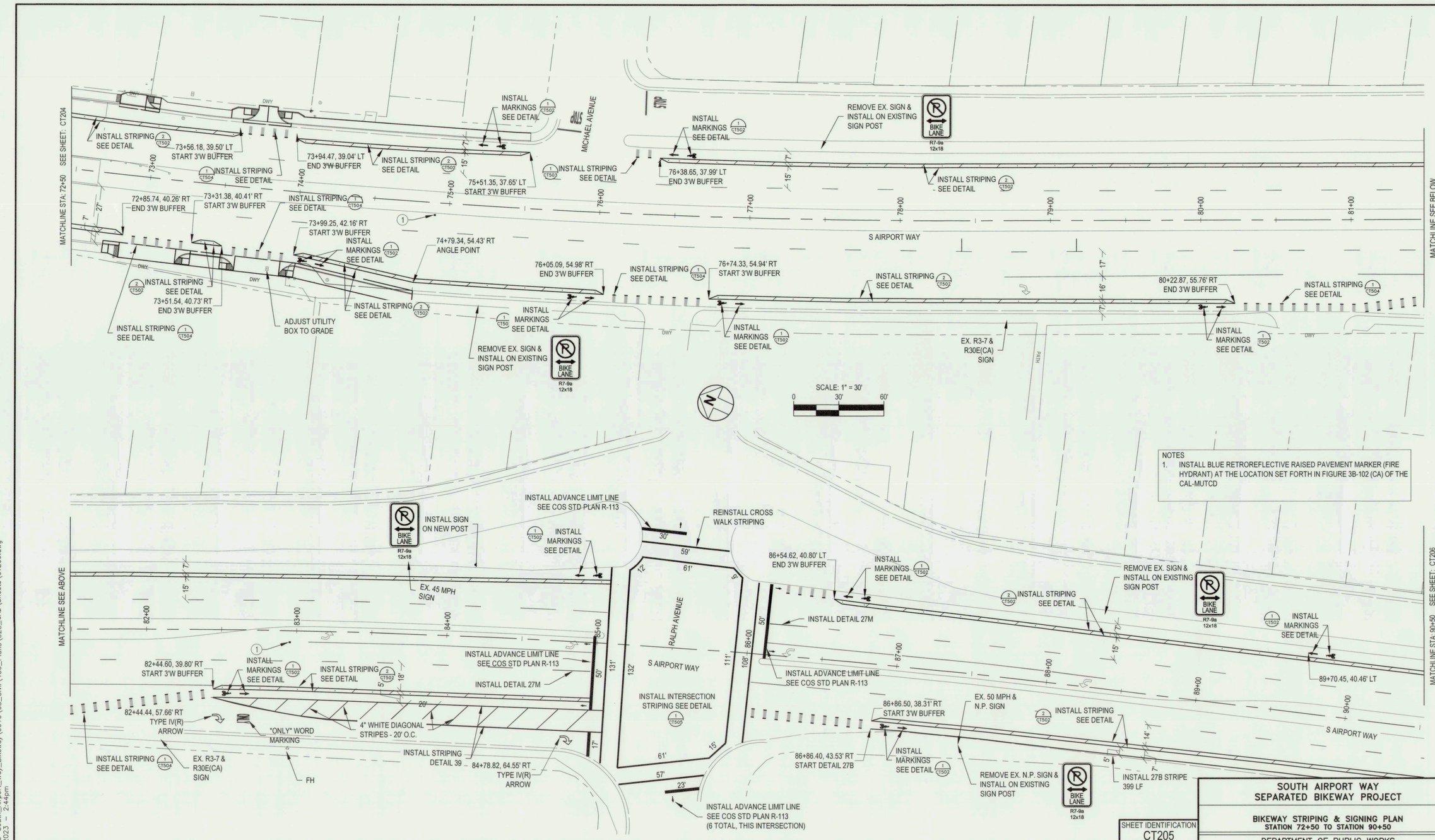
SCALE:	SHOWN	APPROVED BY:	DATE:
DESIGNED BY:	M.R.C.		
DRAWN BY:	S.C.B.		
CHECKED BY:	J.D.K.	CITY ENGINEER	
RECORD DWG:		STOCKTON, CALIF.	

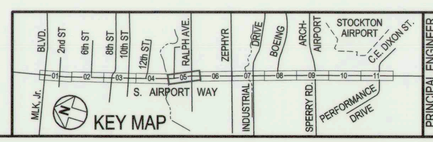
SHEET NO. 23 OF 54 SHTS
PROJECT NO. WT18008

5532.22C

CALL BEFORE YOU DIG — 811 — UNDERGROUND SERVICE ALERT

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT200.dwg
PLOT DATE: Jan 19, 2023 - 2:44pm





PRINCIPAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SINNOCK
NO. 32192
CIVIL
STATE OF CALIFORNIA
1/12/2023

PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. KJELDSEN
NO. 61898
CIVIL
STATE OF CALIFORNIA
1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

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CIVIL ENGINEERS & LAND SURVEYORS
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West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION
CT205
DATE
1-12-2023
HORIZONTAL DATUM
CCS83, ZONE 3
VERTICAL DATUM
NAVD88
KSN PROJECT FILE NO.
2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

BIKEWAY STRIPING & SIGNING PLAN
STATION 72+50 TO STATION 90+50

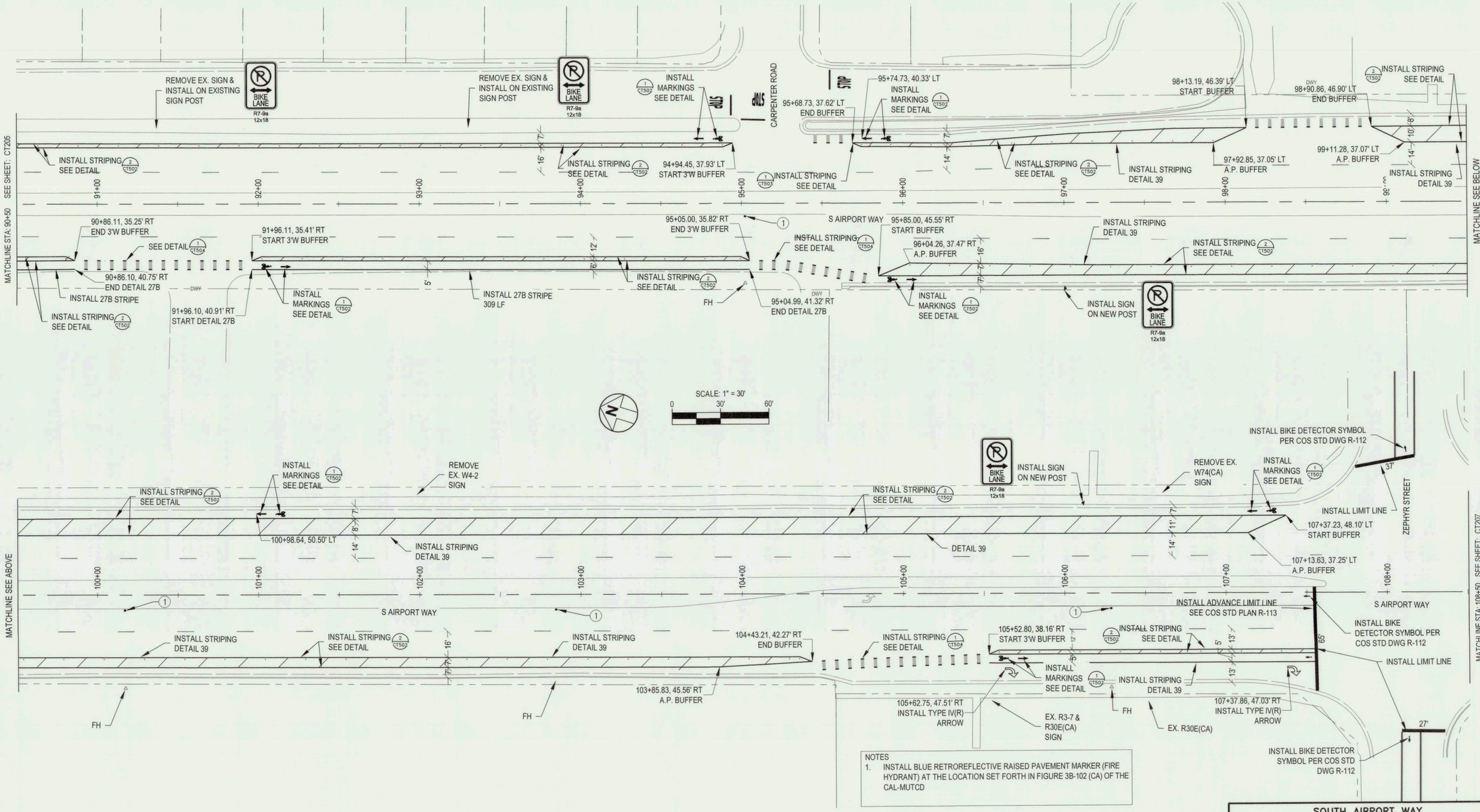
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	SHOWN	APPROVED BY:	DATE:
DESIGNED BY:	M.R.C.		
DRAWN BY:	S.C.B.		
CHECKED BY:	J.D.K.	CITY ENGINEER	
RECORD DWG:		STOCKTON, CALIF.	

SHEET NO. 24
OF 54 SHTS
PROJECT NO. WT18008

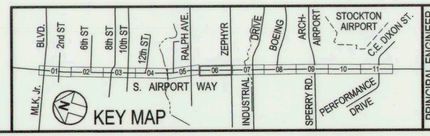
5532.23C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT200.dwg
PLOT DATE: Jan 19, 2023 - 2:44pm



NOTES
1. INSTALL BLUE RETROREFLECTIVE RAISED PAVEMENT MARKER (FIRE HYDRANT) AT THE LOCATION SET FORTH IN FIGURE 3B-102 (CA) OF THE CAL-MUTCD

KEY MAP



PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SINNOCK — NO. 32192 — CIVIL — STATE OF CALIFORNIA — 1/12/2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — JEFFREY D. KJELDSEN — NO. 61898 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: AS SHOWN
ORIGINAL DRAWING SCALE: 0 ½" 1"

KSN inc. KJELDSEN SINNOCK NEUDECK
CIVIL ENGINEERS & LAND SURVEYORS
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NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION	CT206
DATE	1-12-2023
HORIZONTAL DATUM	CCS83, ZONE 3
VERTICAL DATUM	NAVD88
KSN PROJECT FILE NO.	2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

BIKEWAY STRIPING & SIGNING PLAN
STATION 90+50 TO STATION 108+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

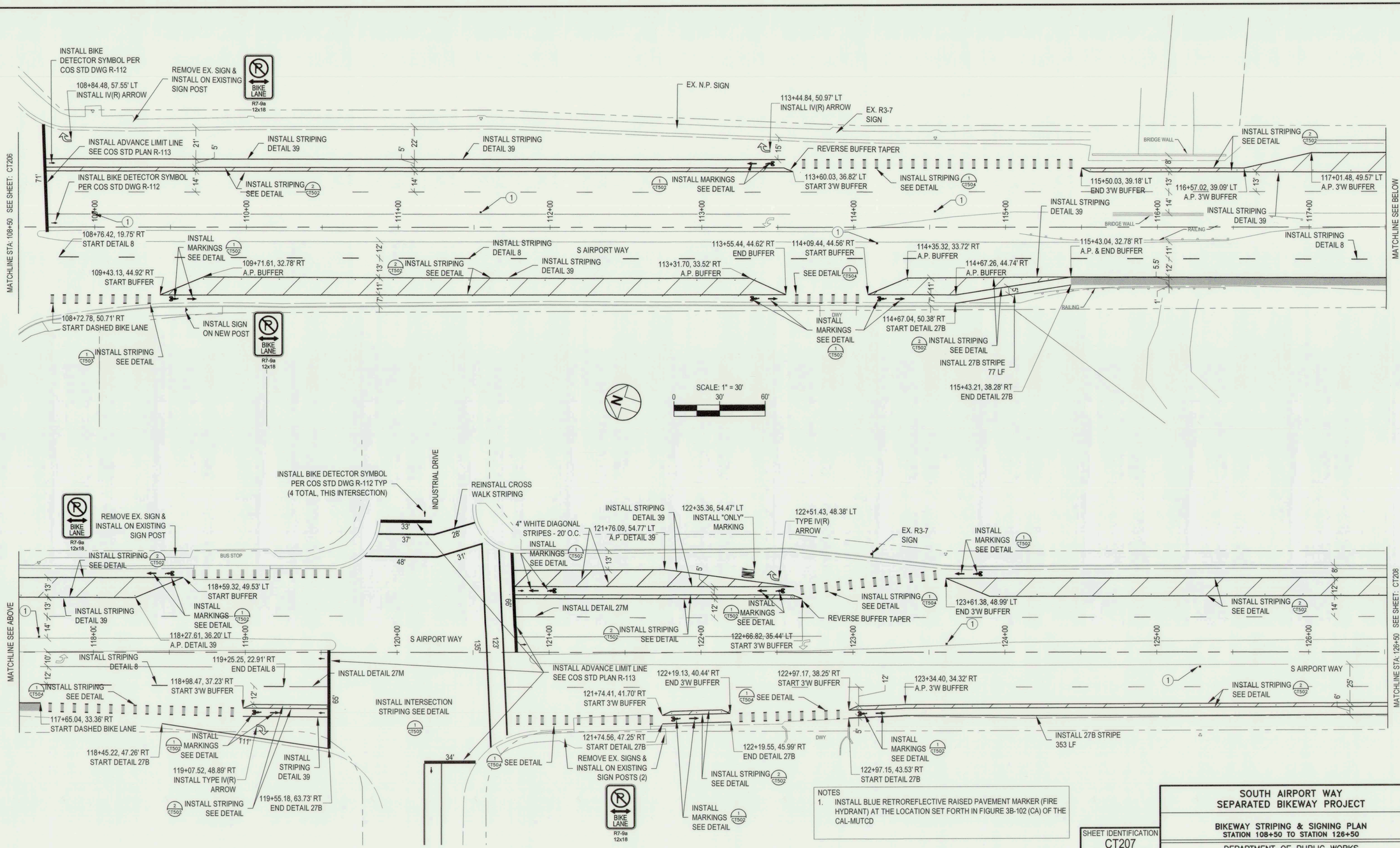
SCALE:	SHOWN	APPROVED BY:	DATE: 1/19/23
DESIGNED BY:	M.R.C.		
DRAWN BY:	S.C.B.		
CHECKED BY:	J.D.K.	CITY ENGINEER, STOCKTON, CALIF.	
RECORD DWG:			

SHEET NO. 25 OF 54 SHTS
PROJECT NO. WT18008

5532.24C

CALL BEFORE YOU DIG 811 or 1-800-227-2600 UNDERGROUND SERVICE ALERT

FILE SPEC: P:\2407_COS--South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT200.dwg
PLOT DATE: Jan 19, 2023 - 2:45pm



NOTES
1. INSTALL BLUE RETROREFLECTIVE RAISED PAVEMENT MARKER (FIRE HYDRANT) AT THE LOCATION SET FORTH IN FIGURE 3B-102 (CA) OF THE CAL-MUTCD

KEY MAP

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SINNOCK — NO. 32192 — CIVIL — STATE OF CALIFORNIA — 1/12/2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — JEFFREY D. KJELDSEN — NO. 61898 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: AS SHOWN
ORIGINAL DRAWING SCALE: 0 ½" 1"

KJELDSEN SINNOCK NEUDECK
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CIVIL ENGINEERS & LAND SURVEYORS
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916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION	CT207
DATE	1-12-2023
HORIZONTAL DATUM	CCS83, ZONE 3
VERTICAL DATUM	NAVD88
KSN PROJECT FILE NO.	2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

BIKEWAY STRIPING & SIGNING PLAN
STATION 108+50 TO STATION 126+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

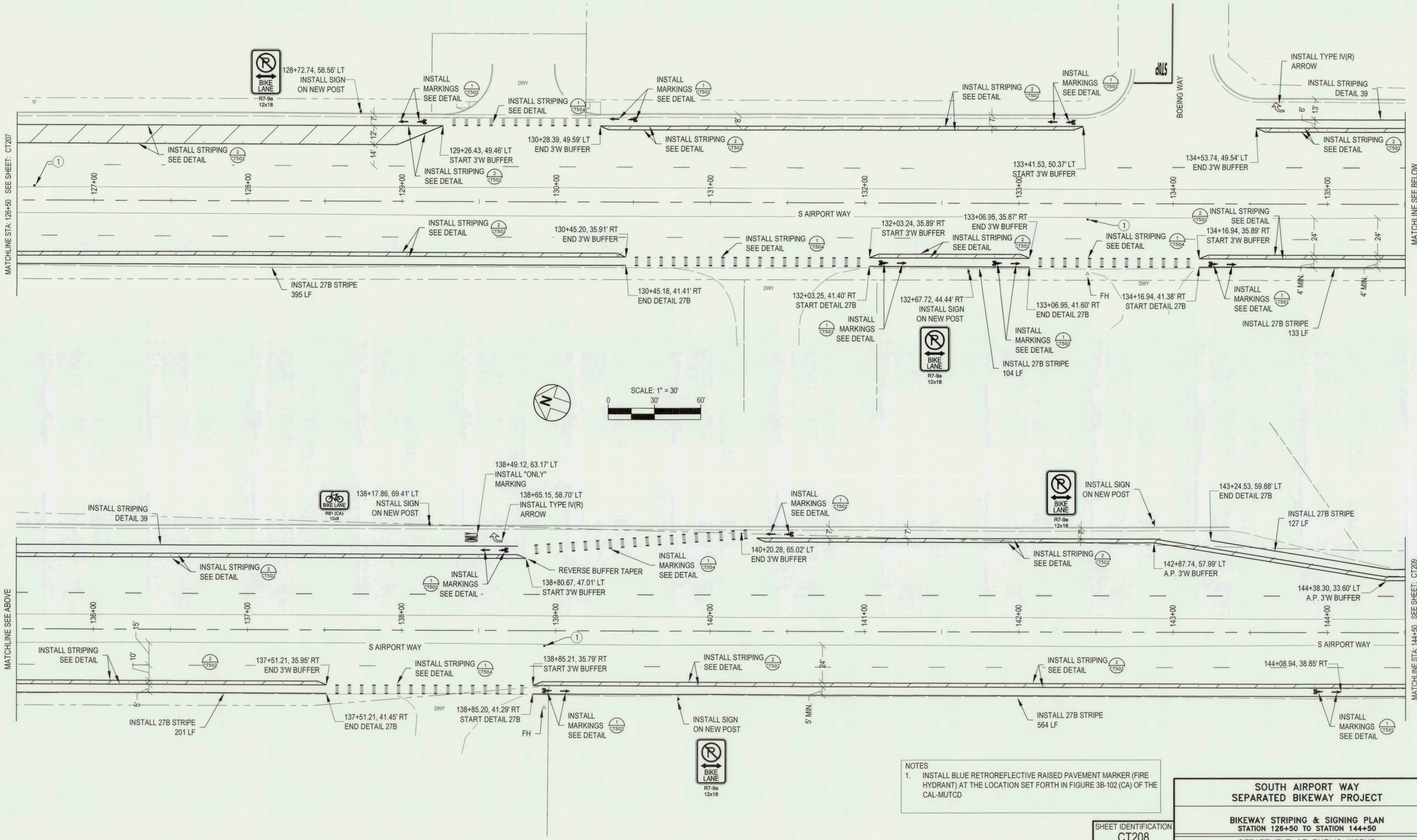
SCALE:	SHOWN	APPROVED BY:	DATE:
DESIGNED BY:	M.R.C.		
DRAWN BY:	S.C.B.		
CHECKED BY:	J.D.K.	CITY ENGINEER	
RECORD DWG:		STOCKTON, CALIF.	

SHEET NO. 26
OF 54 SHTS
PROJECT NO. WT18008

5532.25C

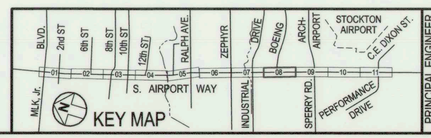
CALL BEFORE YOU DIG — 1-800-227-2600 — UNDERGROUND SERVICE ALERT

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT200.dwg
PLOT DATE: Jan 19, 2023 - 2:45pm



NOTES
1. INSTALL BLUE RETROREFLECTIVE RAISED PAVEMENT MARKER (FIRE HYDRANT) AT THE LOCATION SET FORTH IN FIGURE 3B-102 (CA) OF THE CAL-MUTCD

KEY MAP



PRINCIPAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SINNOCK
NO. 32192
CIVIL
STATE OF CALIFORNIA
1/12/2023

PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. KJELDSEN
NO. 61898
CIVIL
STATE OF CALIFORNIA
1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

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NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION
CT208
DATE
1-12-2023
HORIZONTAL DATUM
CCS83, ZONE 3
VERTICAL DATUM
NAVD88
KSN PROJECT FILE NO.
2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

BIKEWAY STRIPING & SIGNING PLAN
STATION 126+50 TO STATION 144+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

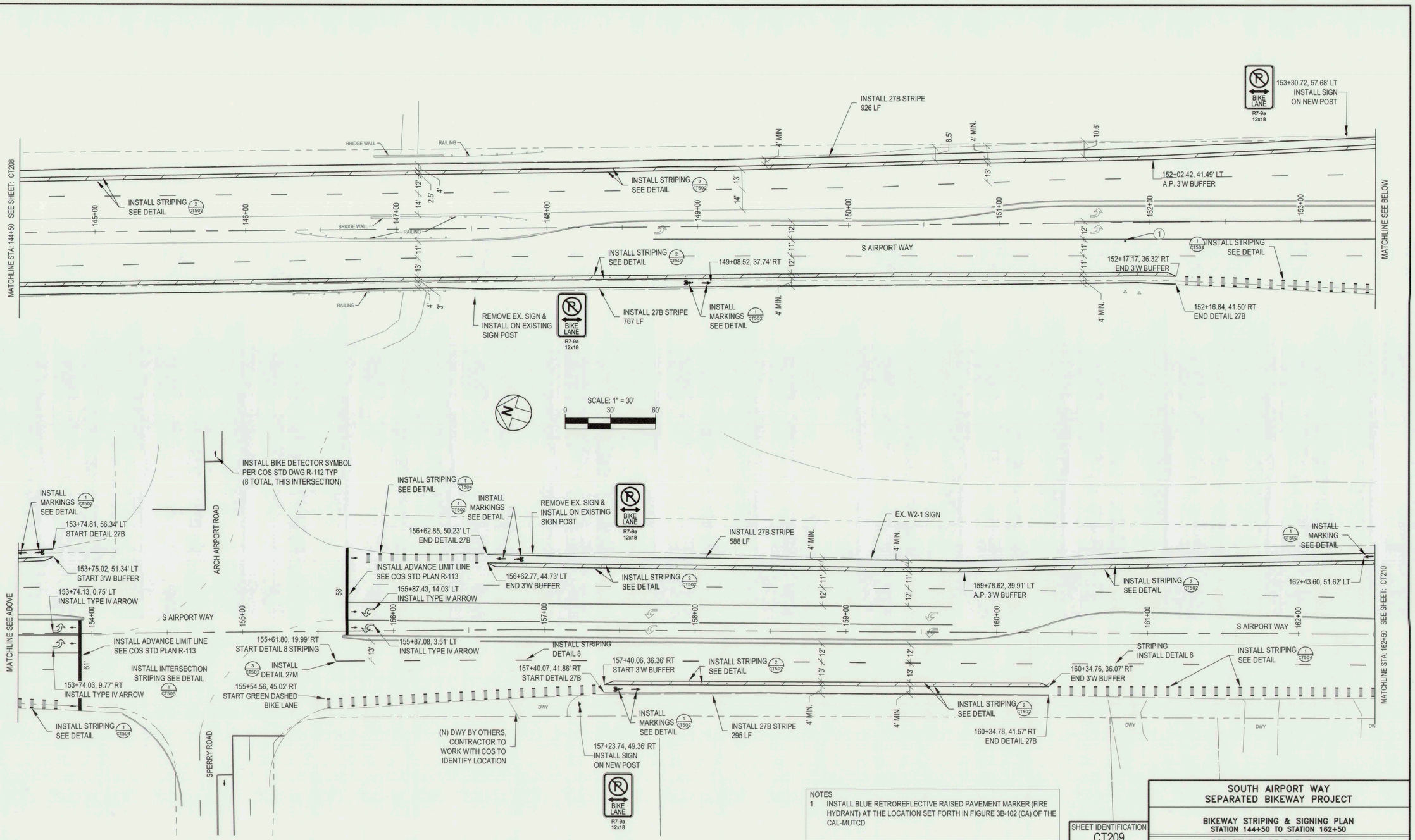
SCALE: SHOWN
DESIGNED BY: M.R.C.
DRAWN BY: S.C.B.
CHECKED BY: J.D.K.
RECORD DWG:

APPROVED BY: DATE: 1/5/23
CITY ENGINEER
STOCKTON, CALIF.

SHEET NO. 27
OF 54 SHTS
PROJECT NO. WT18008

5532.26C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT200.dwg
PLOT DATE: Jan 19, 2023 - 2:46pm



NOTES
1. INSTALL BLUE RETROREFLECTIVE RAISED PAVEMENT MARKER (FIRE HYDRANT) AT THE LOCATION SET FORTH IN FIGURE 3B-102 (CA) OF THE CAL-MUTCD

KEY MAP

PRINCIPAL ENGINEER: STEPHEN K. SINNOCK, NO. 32192, CIVIL, STATE OF CALIFORNIA, 1/12/2023

PROJECT ENGINEER: JEFFREY D. KJELDSEN, NO. 61898, CIVIL, STATE OF CALIFORNIA, 1-12-2023

DRAWING SCALE: AS SHOWN; ORIGINAL DRAWING SCALE 0 ½" 1"

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NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: CT209
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

BIKEWAY STRIPING & SIGNING PLAN
STATION 144+50 TO STATION 162+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

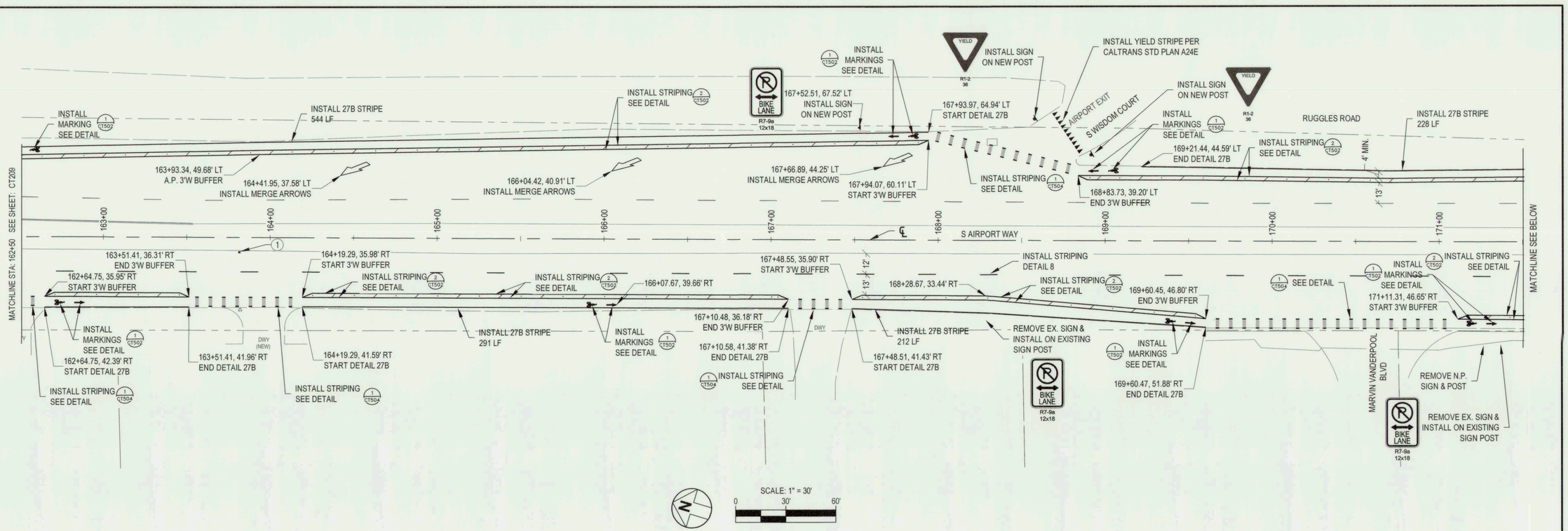
SCALE: SHOWN
DESIGNED BY: M.R.C.
DRAWN BY: S.C.B.
CHECKED BY: J.D.K.
RECORD DWG:

APPROVED BY: DATE: 1/12/23
CITY ENGINEER
STOCKTON, CALIF.

SHEET NO. 28
OF 54 SHTS
PROJECT NO. WT18008

5532.27C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT200.dwg
PLOT DATE: Jan 19, 2023 - 2:46pm



NOTES
1. INSTALL BLUE RETROREFLECTIVE RAISED PAVEMENT MARKER (FIRE HYDRANT) AT THE LOCATION SET FORTH IN FIGURE 3B-102 (CA) OF THE CAL-MUTCD

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

KEY MAP

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SINNOCK — NO. 32192 — CIVIL — STATE OF CALIFORNIA — 1/12/2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — JEFFREY D. KJELDSEN — NO. 61898 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

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West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION	CT210
DATE	1-12-2023
HORIZONTAL DATUM	CCS83, ZONE 3
VERTICAL DATUM	NAVD88
KSN PROJECT FILE NO.	2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

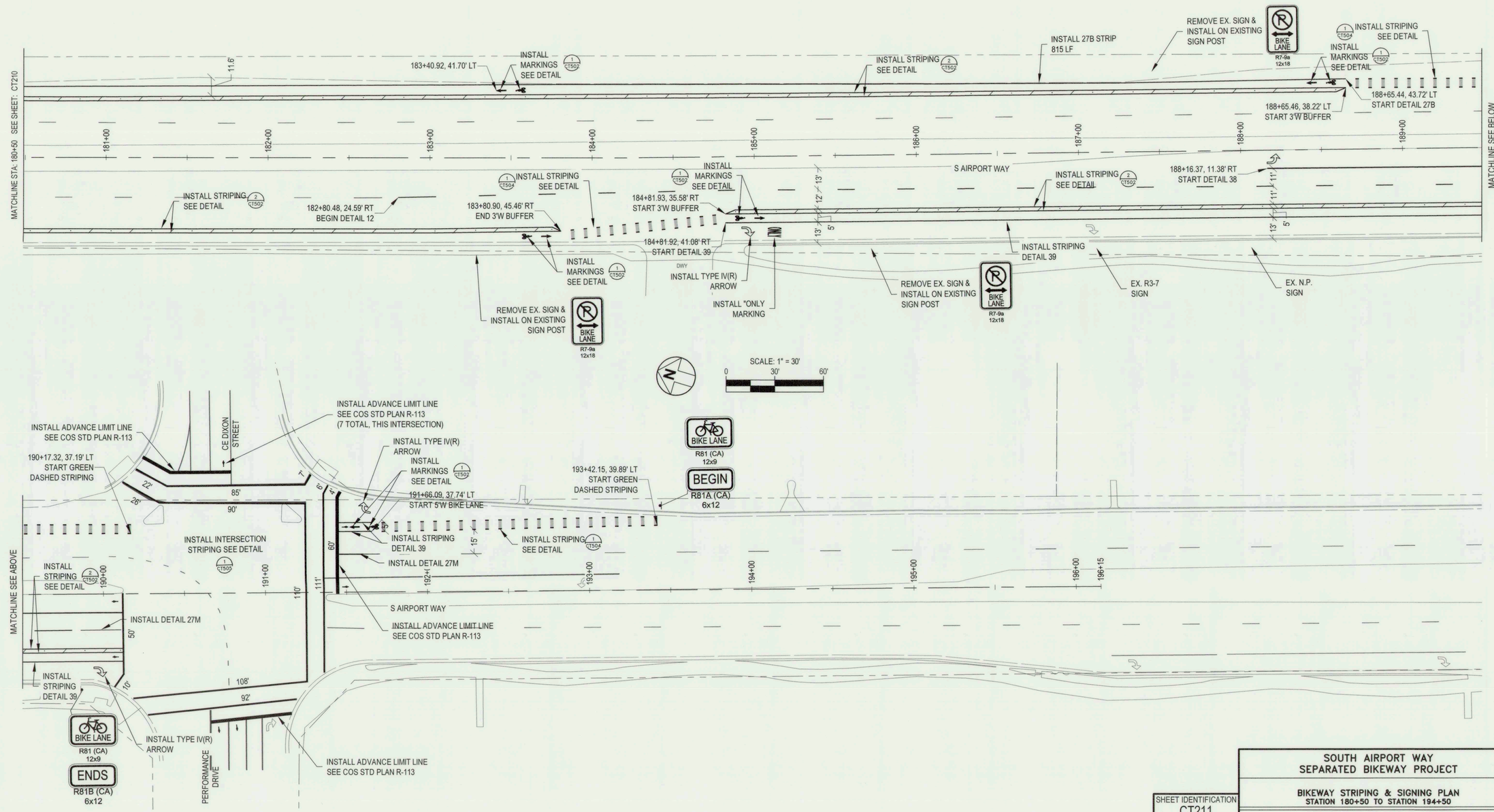
BIKEWAY STRIPING & SIGNING PLAN
STATION 162+50 TO STATION 180+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	SHOWN	APPROVED BY: / DATE:	SHEET NO. 29
DESIGNED BY:	M.R.C.		OF 54 SHTS
DRAWN BY:	S.C.B.		
CHECKED BY:	J.D.K.	CITY ENGINEER	PROJECT NO. WT18008
RECORD DWG:		STOCKTON, CALIF.	

5532.28C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT200.dwg
PLOT DATE: Jan 19, 2023 - 2:47pm



CALL BEFORE YOU DIG 2 WORKING DAYS BEFORE YOU DIG 811 UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SINNOCK — NO. 32192 — CIVIL — STATE OF CALIFORNIA — 1/12/2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — JEFFREY D. KJELDSEN — NO. 61898 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: AS SHOWN
ORIGINAL DRAWING SCALE 0 ½" 1"

KJELDSEN SINNOCK NEUDECK
CIVIL ENGINEERS & LAND SURVEYORS
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West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: CT211
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

BIKEWAY STRIPING & SIGNING PLAN
STATION 180+50 TO STATION 194+50

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

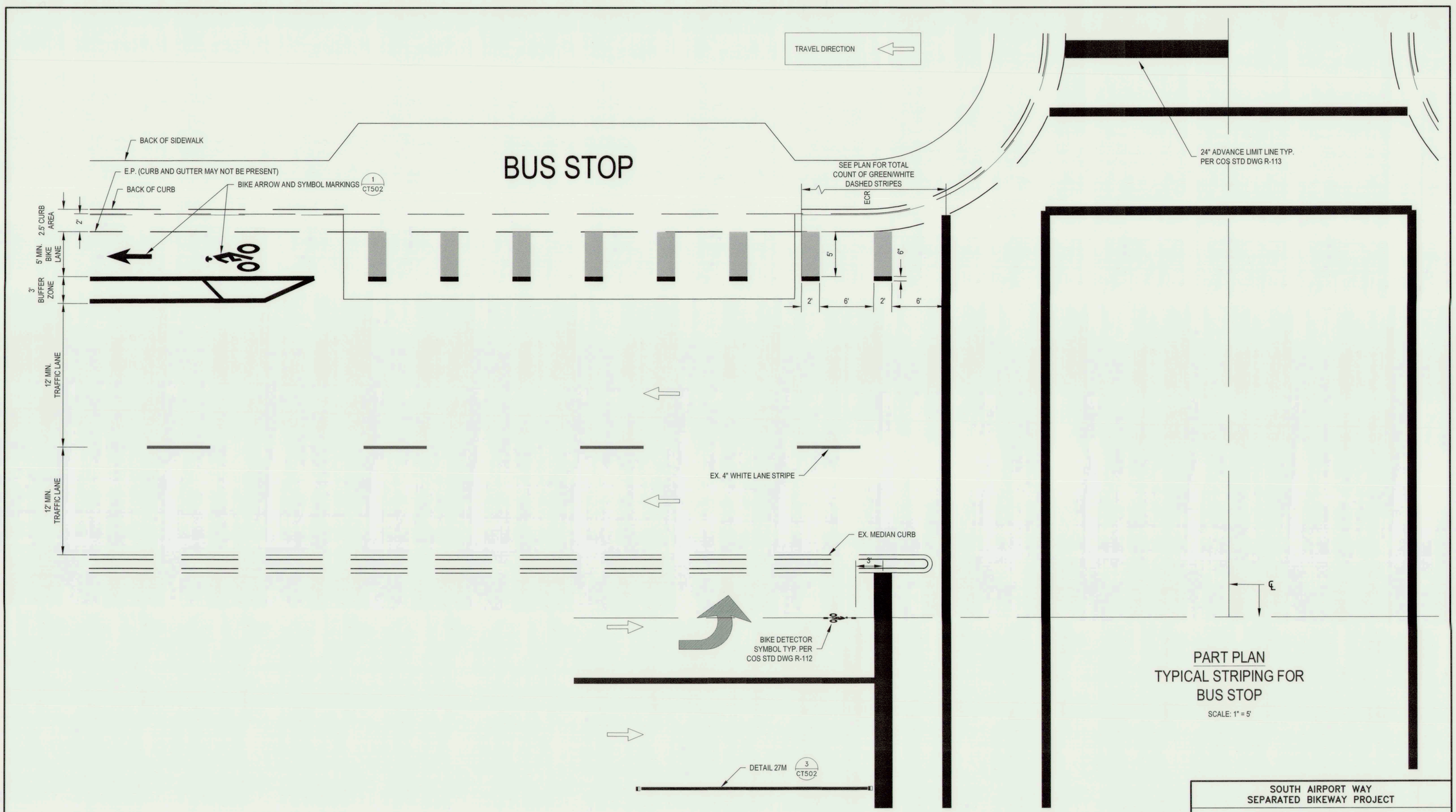
SCALE: SHOWN
DESIGNED BY: M.R.C.
DRAWN BY: S.C.B.
CHECKED BY: J.D.K.
RECORD DWG:

APPROVED BY: DATE: 1-12-23
CITY ENGINEER
STOCKTON, CALIF.

SHEET NO. 30 OF 54 SHTS
PROJECT NO. WT18008

5532.29C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT200.dwg
PLOT DATE: Jan 19, 2023 - 2:47pm



PART PLAN
TYPICAL STRIPING FOR BUS STOP

SCALE: 1" = 5'

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT500.dwg
PLOT DATE: Jan 19, 2023 - 2:48pm

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SINNOCK — No. 32192 — CIVIL — STATE OF CALIFORNIA — 1/12/2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — JEFFREY D. KJELDSEN — No. 61898 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: AS SHOWN
ORIGINAL DRAWING SCALE 0 ½" 1"

KSN inc. KJELDSEN SINNOCK NEUDECK
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Stockton, CA 95203
209-946-0268
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: CT501
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

STRIPING SECTIONS & DETAILS

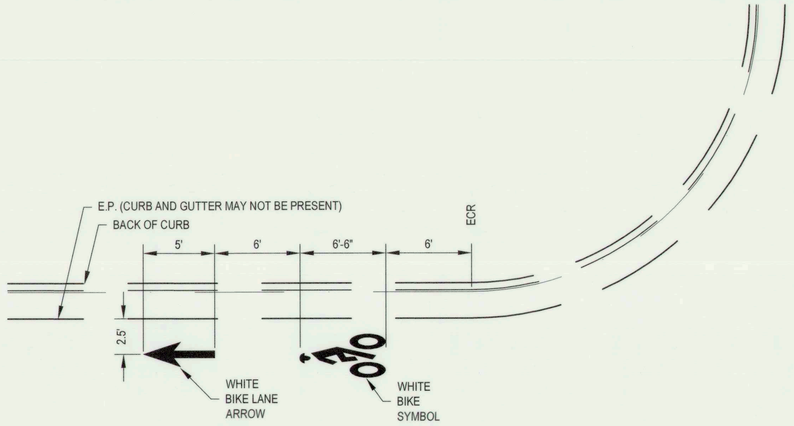
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: SHOWN
DESIGNED BY: M.R.C.
DRAWN BY: S.C.B.
CHECKED BY: J.D.K.
RECORD DWG:

APPROVED BY: DATE: 1/19/23
CITY ENGINEER
STOCKTON, CALIF.

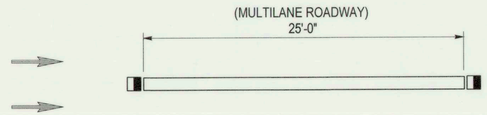
SHEET NO. 31
OF 54 SHTS
PROJECT NO. WT18008

5532.30C



BIKE LANE ARROW: CALTRANS STD. PLAN A24A
BIKE SYMBOL: CALTRANS STD. PLAN A24C
SEE COS STD. DWG. R-112

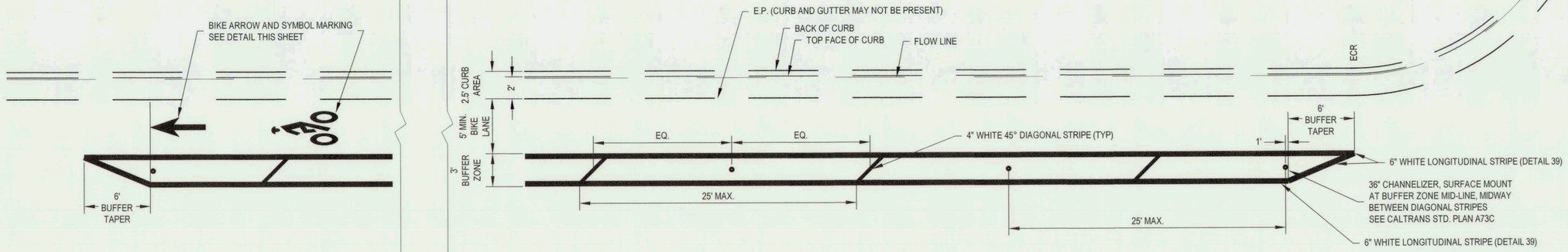
1 BIKE ARROW AND SYMBOL MARKING
N.T.S.



STRIPING DETAIL 27M

TYPE G One-way Clear Retroreflective

3 DETAIL 27M
N.T.S.



2 BIKE LANE BUFFER STRIPING / DELINEATION DETAIL
N.T.S.

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT500.dwg
PLOT DATE: Jan 19, 2023 - 3:16pm

CALL BEFORE YOU DIG
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UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SINNOCK
NO. 32192
CIVIL
STATE OF CALIFORNIA
1/12/2023

PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. KJELDSEN
NO. 61898
CIVIL
STATE OF CALIFORNIA
1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

KSN inc. KJELDSEN SINNOCK NEUDECK
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www.ksninc.com
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Stockton, CA 95203
209-946-0268
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: CT502
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

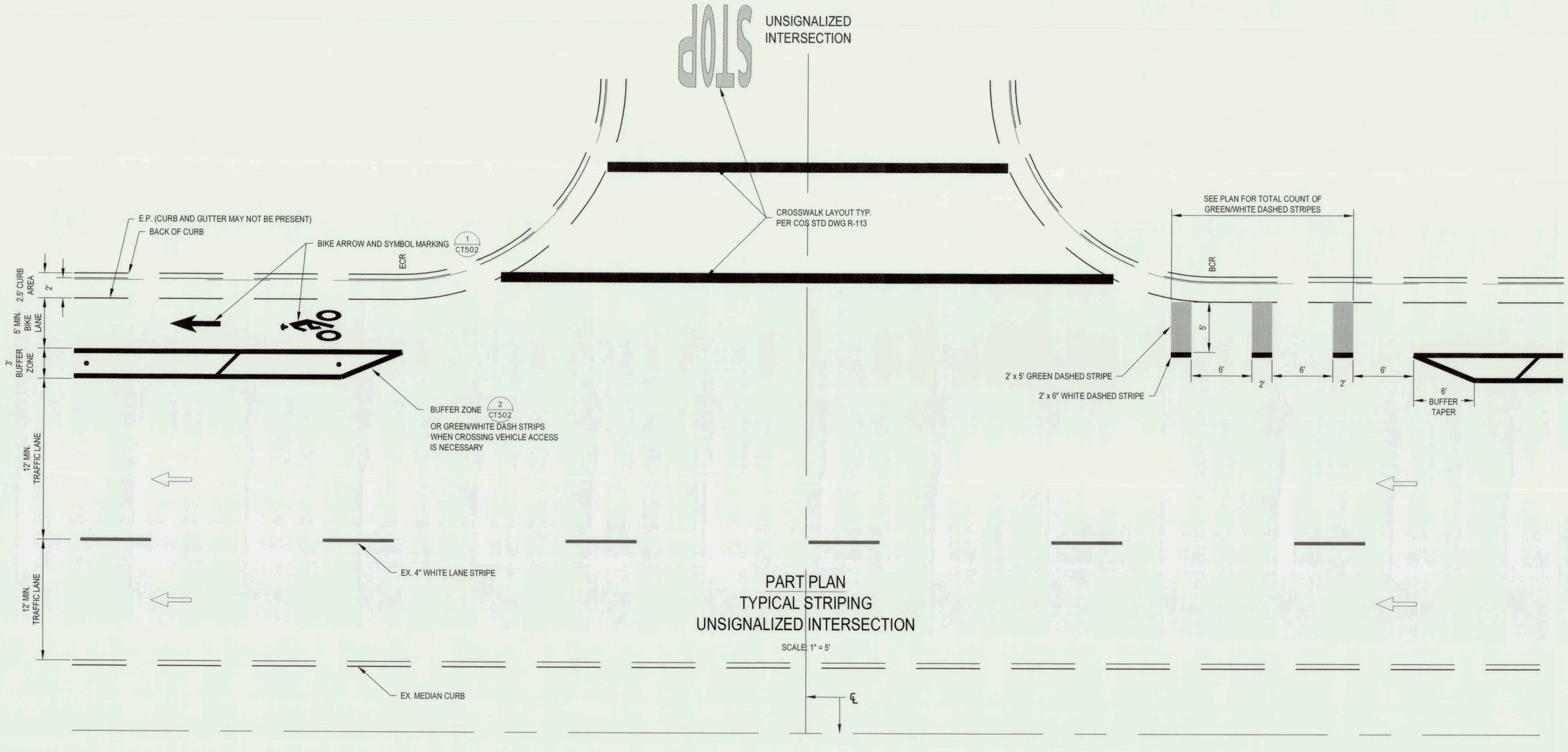
SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

STRIPING SECTIONS & DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	SHOWN	APPROVED BY: DATE: 1/10/23	SHEET NO. 32
DESIGNED BY:	M.R.C.		OF 54 SHTS
DRAWN BY:	S.C.B.		PROJECT NO. WT18008
CHECKED BY:	J.D.K.	CITY ENGINEER	
RECORD DWG:		STOCKTON, CALIF.	

5532.31C



PART PLAN
TYPICAL STRIPING
UNSIGNALIZED INTERSECTION

SCALE: 1" = 5'

1 TYPICAL STRIPING / DELINEATION AT UNSIGNALIZED INTERSECTION
N.T.S.

TRAVEL DIRECTION

FILE SPEC: P:\2407_COS--South_Airport_Wy_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT500.dwg
PLOT DATE: Jan 19, 2023 - 3:17pm

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SINNOCK
NO. 32192
CIVIL
STATE OF CALIFORNIA
1/12/2023

PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. KJELDSEN
NO. 61898
CIVIL
STATE OF CALIFORNIA
1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

KSN inc. KJELDSEN SINNOCK NEUDECK
CIVIL ENGINEERS & LAND SURVEYORS
www.ksninc.com
711 N. Pershing Avenue
Stockton, CA 95203
209-946-0268
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION
CT503
DATE
1-12-2023
HORIZONTAL DATUM
CCS83, ZONE 3
VERTICAL DATUM
NAVD88
KSN PROJECT FILE NO.
2407-0010

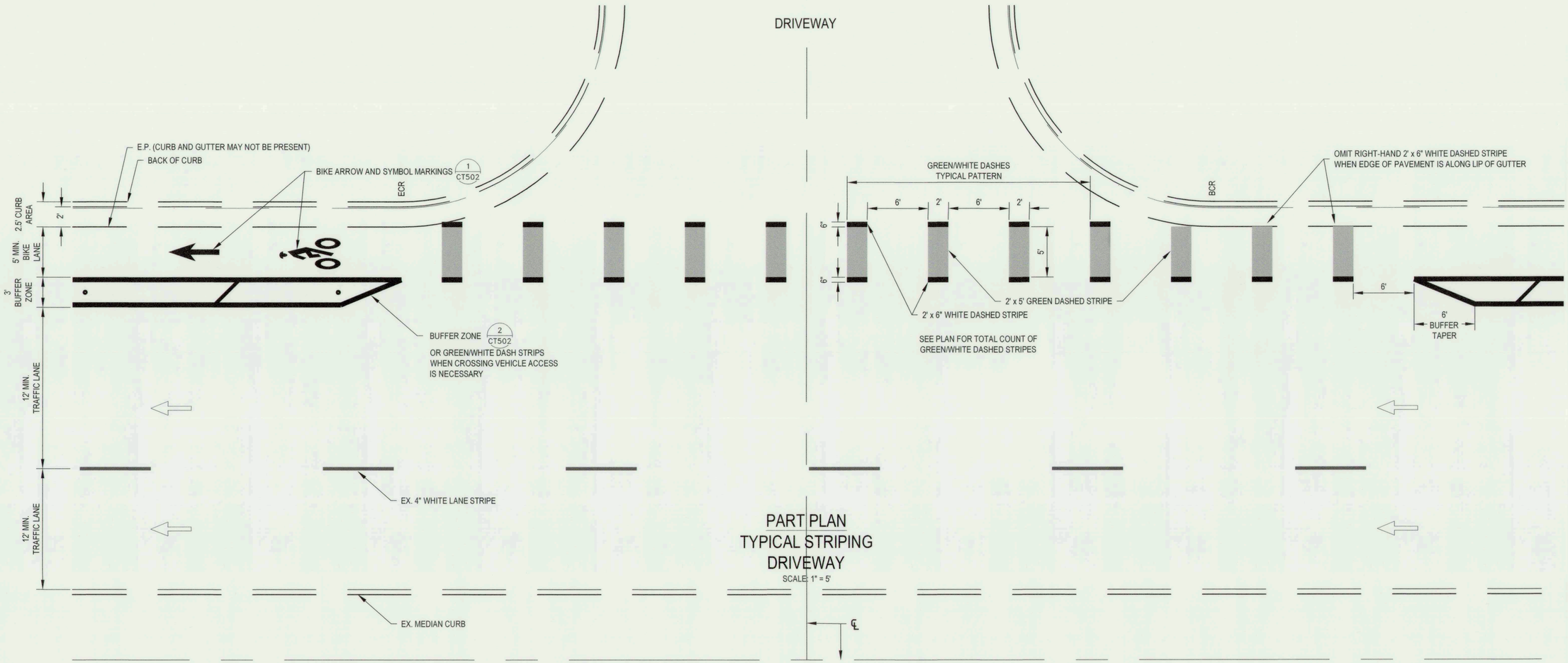
SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT

STRIPING SECTIONS & DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	SHOWN	APPROVED BY:	DATE: 1/10/23
DESIGNED BY:	M.R.C.		SHEET NO. 33
DRAWN BY:	S.C.B.		OF 54 SHTS
CHECKED BY:	J.D.K.	CITY ENGINEER	PROJECT NO. WT18008
RECORD DWG:		STOCKTON, CALIF.	

5532.32C



PART PLAN
TYPICAL STRIPING
DRIVEWAY
SCALE: 1" = 5'

TRAVEL DIRECTION

1 TYPICAL STRIPING / DELINEATION AT DRIVEWAY
N.T.S.

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT500.dwg
PLOT DATE: Jan 19, 2023 - 2:50pm

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SINNOCK
NO. 32192
CIVIL
STATE OF CALIFORNIA
1/12/2023

PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. KJELDSEN
NO. 61898
CIVIL
STATE OF CALIFORNIA
1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

KSN inc. KJELDSEN SINNOCK NEUDECK
CIVIL ENGINEERS & LAND SURVEYORS
www.ksninc.com
711 N. Pershing Avenue
Stockton, CA 95203
209-946-0268
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION: CT504
DATE: 1-12-2023
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO.: 2407-0010

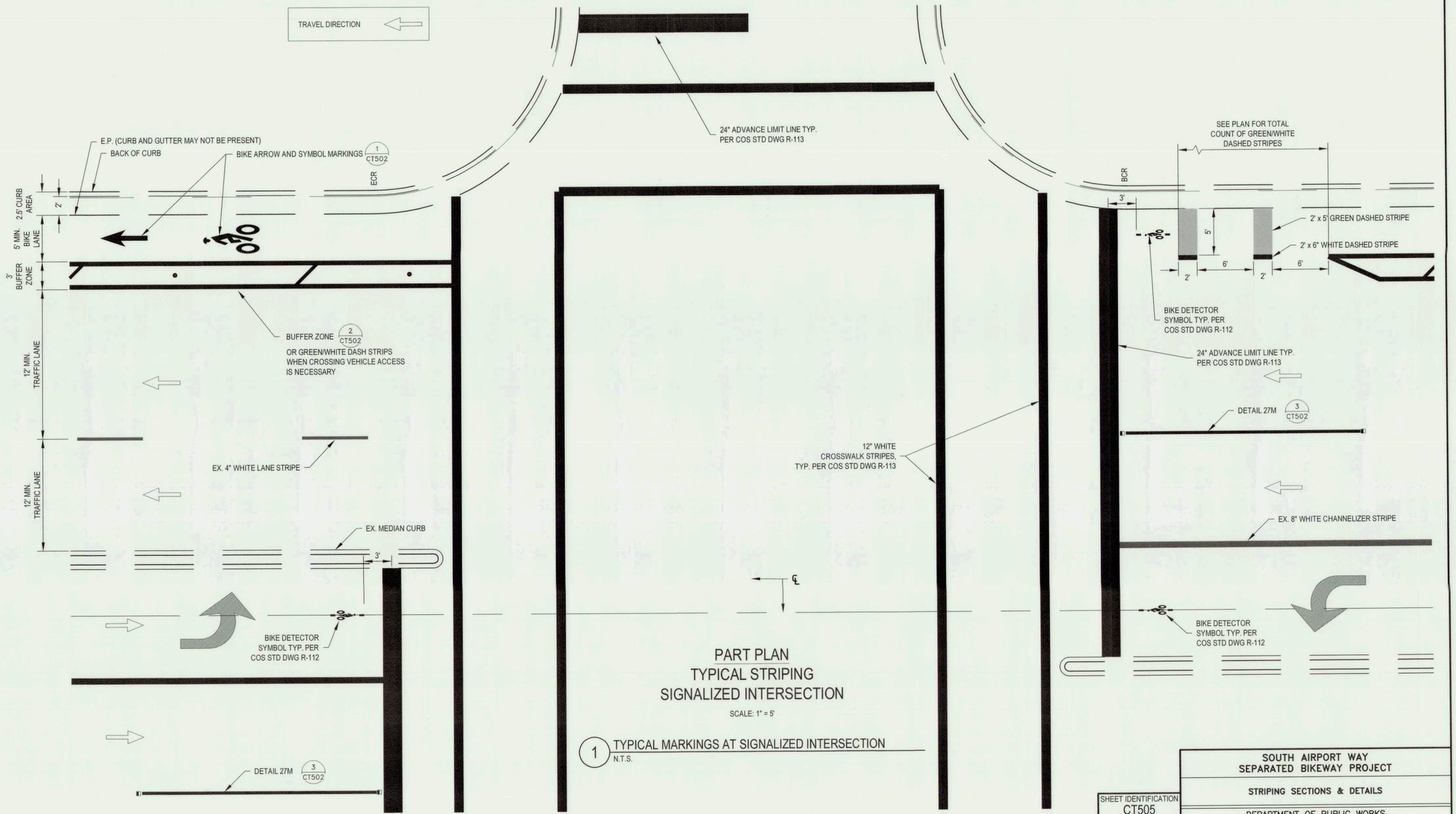
SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT

STRIPING SECTIONS & DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	SHOWN	APPROVED BY: DATE:	SHEET NO. 34
DESIGNED BY:	M.R.C.		OF 54 SHTS
DRAWN BY:	S.C.B.		PROJECT NO. WT18008
CHECKED BY:	J.D.K.	CITY ENGINEER	
RECORD DWG:		STOCKTON, CALIF.	

5532.33C



PART PLAN
TYPICAL STRIPING
SIGNALIZED INTERSECTION

SCALE: 1" = 5'

1 TYPICAL MARKINGS AT SIGNALIZED INTERSECTION
N.T.S.

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SINNOCK — NO. 32192 — CIVIL — STATE OF CALIFORNIA — 1/12/2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — JEFFREY D. KJELDSEN — NO. 61898 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 ½" 1"

KSN inc. KJELDSEN SINNOCK NEUDECK
CIVIL ENGINEERS & LAND SURVEYORS
www.ksninc.com
711 N. Pershing Avenue
Stockton, CA 95203
209-946-0268
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION	CT505
DATE	1-12-2023
HORIZONTAL DATUM	CCS83, ZONE 3
VERTICAL DATUM	NAVD88
KSN PROJECT FILE NO.	2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT

STRIPING SECTIONS & DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	SHOWN	APPROVED BY:	DATE: 1/4/23
DESIGNED BY:	M.R.C.		
DRAWN BY:	S.C.B.		
CHECKED BY:	J.D.K.	CITY ENGINEER	
RECORD DWG:		STOCKTON, CALIF.	

SHEET NO. 35
OF 54 SHTS
PROJECT NO. WT18008

5532.34C

FILE SPEC: P:\2407_COS-South_Airport_Way_Bikeway\0010\08_Civil\400_Plans\020_CAD\Sheets\CT500.dwg
PLOT DATE: Jan 19, 2023 - 2:52pm

ELECTRICAL SHEET INDEX

SHEET	DESCRIPTION
E-1	INDEX, NOTES, LEGEND AND ABBREVIATIONS
E-2 TO E-3	SIGNAL AND LIGHTING (AIRPORT WY / DR. MARTIN LUTHER KING JR BLVD)
E-4 TO E-5	SIGNAL AND LIGHTING (AIRPORT WY / SECOND ST)
E-6 TO E-7	SIGNAL AND LIGHTING (AIRPORT WY / EIGHTH ST)
E-8 TO E-9	SIGNAL AND LIGHTING (AIRPORT WY / TENTH ST)
E-10 TO E-11	SIGNAL AND LIGHTING (AIRPORT WY / RALPH AVE)
E-12 TO E-13	SIGNAL AND LIGHTING (AIRPORT WY / ZEPHYR ST)
E-14 TO E-15	SIGNAL AND LIGHTING (AIRPORT WY / INDUSTRIAL DR)
E-16 TO E-17	SIGNAL AND LIGHTING (AIRPORT WY / SPERRY RD / ARCH AIRPORT RD)
E-18 TO E-19	SIGNAL AND LIGHTING (AIRPORT WY / PERFORMANCE DR / E. DIXON ST)

ELECTRICAL GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF CITY OF STOCKTON STANDARD SPECIFICATIONS AND PLANS, THE CURRENT STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND PLANS AND SUBSEQUENT REVISED STANDARD PLANS, AND THE SPECIAL PROVISIONS. IN CASE OF DIFFERENCES BETWEEN CITY AND CALTRANS STANDARDS, CITY STANDARDS SHALL GOVERN.
2. LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THE PLANS, ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL CONTACT ALL UTILITIES TO VERIFY UNDERGROUND AND OVERHEAD UTILITIES. THE CONTRACTOR SHALL CALL 1-800-642-2444, UNDERGROUND SERVICE ALERT (U.S.A.), 48 HOURS PRIOR TO ALL EXCAVATION.
3. THE CONTRACTOR SHALL VERIFY OVERHEAD AND UNDERGROUND CLEARANCE REQUIREMENTS WITH AT&T, PG&E, AND OTHER AFFECTED UTILITY PRIOR TO THE START OF WORK.
4. THE CONTRACTOR SHALL MAINTAIN THE OPERATION OF THE EXISTING SIGNALS SYSTEM AT ALL TIMES DURING CONSTRUCTION, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
5. THE LOCATION OF ALL EQUIPMENT SHOWN ON THIS PLAN ARE APPROXIMATE AND MAY BE CHANGED TO SUIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
6. THE CONTRACTOR SHALL VERIFY EXISTING CONDUIT CONDITIONS. NEW CONDUITS SHALL BE INSTALLED IF THE EXISTING CONDUITS WERE DAMAGED.
7. ALL EXISTING ELECTRICAL EQUIPMENT TO REMAIN, UNLESS OTHERWISE NOTED. IF DAMAGED BY THE CONTRACTOR'S OPERATIONS, EQUIPMENT SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
8. THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.
9. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN AND DRIVEWAY ACCESS AS REQUIRED UNLESS OTHERWISE NOTED.
10. SEE SHEET E-3 FOR TYPICAL VIDEO DETECTION ZONE FOR VEHICLE AND BIKE.

LEGEND AND ABBREVIATIONS

APS	ACCESSIBLE PEDESTRIAN SIGNAL (POLORA NAVIGATOR 3-WIRE SYSTEM OR APPROVED EQUAL)
EVP	EMERGENCY VEHICLE PRE-EMPTION
LMA	LUMINAIRE MAST ARM
PBA	PUSH BUTTON ASSEMBLY
PT	PULL TAPE
SMA	SIGNAL MAST ARM
SMFO	SINGLE-MODE FIBER OPTIC
VR	VIDEO/RADAR DETECTOR SENSOR
	VIDEO DETECTION ZONE FOR VEHICLE (6' X 50' TYP)
	VIDEO DETECTION ZONE FOR BIKE (3' X 4' TYP)
	RADAR DETECTION ZONE
	EXISTING CCTV ASSEMBLY
	EXISTING PEDESTRIAN SIGNAL HEAD WITH AUDIBLE DEVICE

CALTRANS STANDARD NOTES

AB = ABANDON, IF APPLIED TO CONDUIT, REMOVE CONDUCTORS

CF = CONDUIT TO REMAIN FOR FUTURE USE. REMOVE CONDUCTORS. INSTALL PULL TAPE

dh = EXISTING DETECTOR HANDHOLE

APPLICABLE CALTRANS STANDARD PLANS

RSP ES-1A
RSP ES-1B
RSP ES-1

E-1

CALL BEFORE YOU DIG 811 UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — K. DANIEL YAU, No. 44611, Exp. 3/31/24, CIVIL, STATE OF CALIFORNIA — 1-12-2023

PROJECT ENGINEER — KIN Y. CHAN, No. 55391, Exp. 12/31/24, CIVIL, STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: NO SCALE

ORIGINAL DRAWING SCALE: 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366-8000 FAX: (916) 366-8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION

DATE 1-12-2023

HORIZONTAL DATUM CCS83, ZONE 3

VERTICAL DATUM NAVD88

KSN PROJECT FILE NO. 2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT

ELECTRICAL NOTES, LEGEND AND ABBREVIATIONS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: NO SCALE
DESIGNED BY: C.L.
DRAWN BY: C.L.
CHECKED BY: K.C.
RECORD DWG:

APPROVED BY: DATE: 1/12/23
CITY ENGINEER
STOCKTON, CALIF.

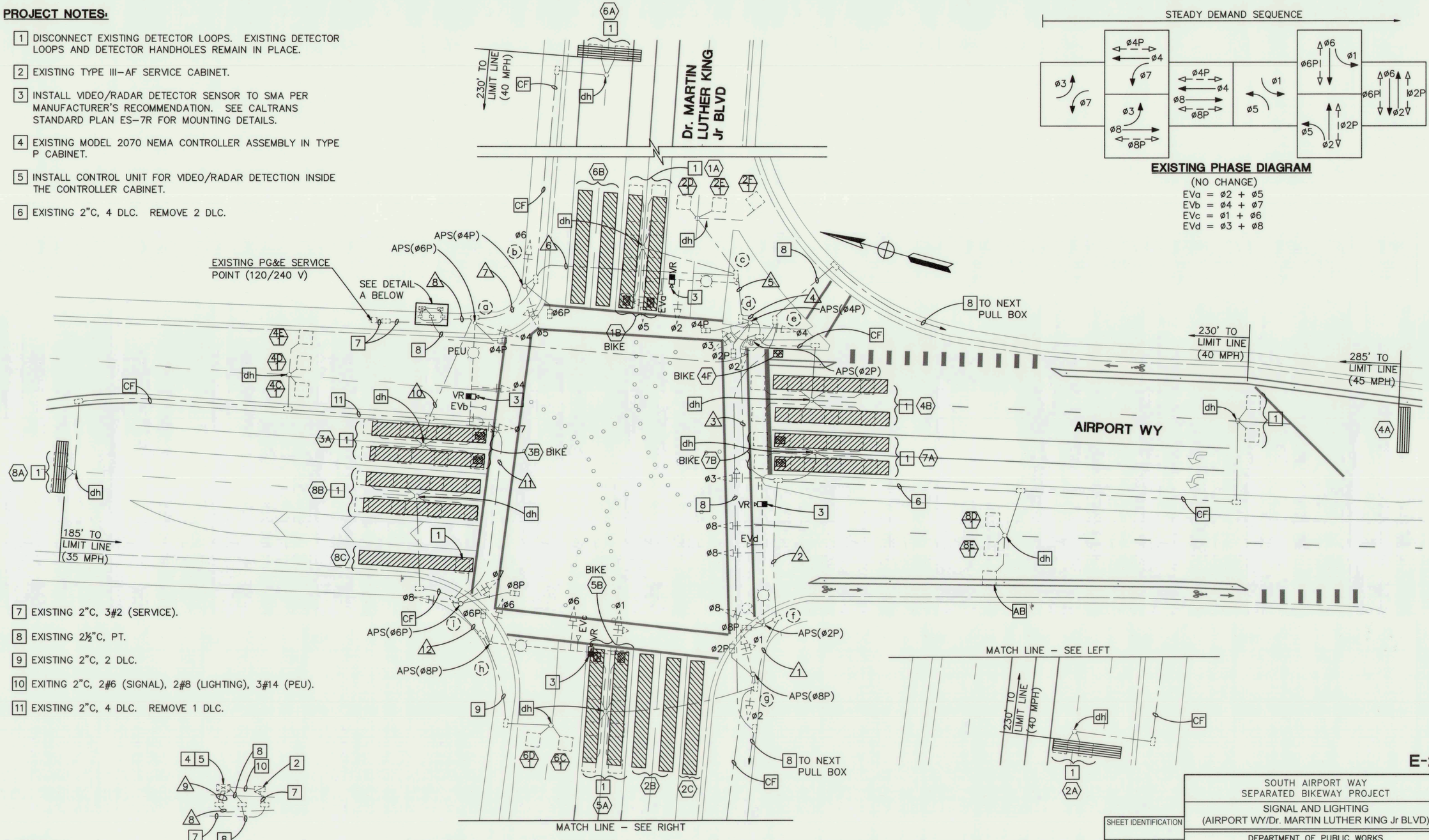
SHEET NO. 36
OF 54 SHTS
PROJECT NO. PW1808

5532.35C

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 - 2:56pm

PROJECT NOTES:

1. DISCONNECT EXISTING DETECTOR LOOPS. EXISTING DETECTOR LOOPS AND DETECTOR HANDHOLES REMAIN IN PLACE.
2. EXISTING TYPE III–AF SERVICE CABINET.
3. INSTALL VIDEO/RADAR DETECTOR SENSOR TO SMA PER MANUFACTURER'S RECOMMENDATION. SEE CALTRANS STANDARD PLAN ES–7R FOR MOUNTING DETAILS.
4. EXISTING MODEL 2070 NEMA CONTROLLER ASSEMBLY IN TYPE P CABINET.
5. INSTALL CONTROL UNIT FOR VIDEO/RADAR DETECTION INSIDE THE CONTROLLER CABINET.
6. EXISTING 2"C, 4 DLC. REMOVE 2 DLC.
7. EXISTING 2"C, 3#2 (SERVICE).
8. EXISTING 2½"C, PT.
9. EXISTING 2"C, 2 DLC.
10. EXITING 2"C, 2#6 (SIGNAL), 2#8 (LIGHTING), 3#14 (PEU).
11. EXISTING 2"C, 4 DLC. REMOVE 1 DLC.



DETAIL A
SCALE: 1"=10'

EXISTING PHASE DIAGRAM
(NO CHANGE)
EVa = ø2 + ø5
EVb = ø4 + ø7
EVc = ø1 + ø6
EVd = ø3 + ø8

E-2

SHEET IDENTIFICATION	SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT SIGNAL AND LIGHTING (AIRPORT WY/Dr. MARTIN LUTHER KING Jr BLVD)
DATE 1-12-2023	DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA
HORIZONTAL DATUM CCS83, ZONE 3	SCALE: 1"=20' — APPROVED BY: DATE: 4/10/23 — SHEET NO. 37
VERTICAL DATUM NAVD88	DESIGNED BY: C.L. — OF 54 SHTS
KSN PROJECT FILE NO. 2407-0010	DRAWN BY: C.L. — PROJECT NO. PW1808
	CHECKED BY: K.C. — CITY ENGINEER STOCKTON, CALIF.
	RECORD DWG:

PRINCIPAL ENGINEER: K. DANIEL YAU, No. 44611, Exp. 3/31/24, CIVIL, STATE OF CALIFORNIA — 1-12-2023
PROJECT ENGINEER: KIN Y. CHAN, No. 55391, Exp. 12/31/24, CIVIL, STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE 1" = 20'
ORIGINAL DRAWING SCALE 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366–8000 FAX: (916) 366–8008

NO.	DESCRIPTION	DATE	APPR.

CALL BEFORE YOU DIG — UNDERGROUND SERVICE ALERT

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 – 2:56pm

5532.36C

CONDUCTOR SCHEDULE

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	EX 11	EX 12
No. 14 CONDUCTOR												
ø1	3	3	3	3	3	3	3	6	6	3	3	3
ø2	3	3	3	3	3	3	3	3	3			
ø3		3	3	3	3	3	3	3	3			
ø4					3	3	3	6	6			
ø5						3	3	3	3			
ø6							3	6	6	3	3	3
ø7								6	6	3	3	
ø8		3	3	3	3	3	3	6	6	3	3	
ø2P	2	2	2	2	2	2	2	2	2			
ø4P					2	2	2	4	4			
ø6P							2	4	4	2	2	2
ø8P		2	2	2	2	2	2	4	4	2	2	
APS(ø2P)		2	2	2	2	2	2	2	2			
APS(ø4P)					2	2	2	2	2			
APS(ø6P)								4	4	2	2	
APS(ø8P)	2	2	2	2	2	2	2	4	4	2	2	2
SPARES	3	3	3	3	3	3	3	6	6	3	3	3
PEU								3	3			
TOTAL No. 14	13	23	23	23	30	33	38	74	74	23	23	13
No. 8 CONDUCTOR												
LIGHTING		2	2	2	2	2	2	2	2	2	2	2
SIGNAL NETURAL	1	1	1	1	1	1	1	2	2	1	1	1
TOTAL No. 8	1	3	3	3	3	3	3	4	4	3	3	3
DETECTOR LEAD-IN CABLE (DLC)												
ø2 SAMPLERS						3	3	3	3			
ø4 SAMPLERS								3	3	3		
ø6 SAMPLERS								2	2	2	2	2
ø8 SAMPLERS			3 1⁻	3 1⁻	3 1⁻	3 1⁻	3 1⁻	3 1⁻	3 1⁻			
ø1 DETECTORS						2⁻	2⁻	2⁻	2⁻			
ø2 DETECTORS	1⁻	1⁻	1⁻	1⁻	1⁻	1⁻	1⁻	1⁻	1⁻			
ø3 DETECTORS								2⁻	2⁻	2⁻		
ø4 DETECTORS			1⁻	3⁻	3⁻	3⁻	3⁻	3⁻	3⁻			
ø5 DETECTORS	2⁻	2⁻	2⁻	2⁻	2⁻	2⁻	2⁻	2⁻	2⁻			
ø6 DETECTORS							1⁻	1⁻	1⁻			
ø7 DETECTORS			2⁻	2⁻	2⁻	2⁻	2⁻	2⁻	2⁻			
ø8 DETECTORS								4⁻	4⁻	4⁻	3⁻	
TOTAL DLC			2	2	2	5	5	10	10	5	2	2
EVP CABLE		1	1	1	1	2	2	4	4	1	1	1
VIDEO DETECTION CABLE		1⁺	1⁺	1⁺	1⁺	2⁺	2⁺	4⁺	4⁺	1⁺	1⁺	1⁺
CCTV COAXIAL CABLE		1	1	1	1	1	1	1	1			
CCTV POWER CABLE		1	1	1	1	1	1	1	1			
CCTV COMMUNICATION CABLE		1	1	1	1	1	1	1	1			
CONDUIT SIZE (INCHES)	3"	3"	3"	3"	2-3"	2-3"	2-3"	2-4"	2-4"	3"	3"	3"
% FILL	4	15	17	17	19	14	15	16	16	18	15	13

"+" = ADD NEW CONDUCTORS/CABLES
"-" = REMOVE EXISTING CONDUCTORS/CABLES

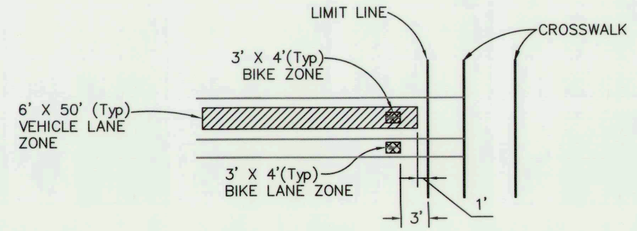
POLE AND EQUIPMENT SCHEDULE

STANDARD MAST ARM				VEHICLE SIGNAL HEADS			PED SIGNAL MOUNTING	APS		LED LUMINAIRE (WATTS)	REMARKS
Loc	TYPE	SIG	LUM	ø	SIZE	MTG		ø	ARROW		
(a)	EXISTING 26-5-100	45'	15'	7	A	MAS	SP-1-T	6	←	107	SEE NOTE 3 ON SHEET E-2.
				4	12	MAS					
				4	12	SV-1-T					
(b)	EXISTING 1-B			5	A	TV-2-T	SP-1-T	4	→		
				6	12						
(c)	EXISTING 26-5-100	40'	15'	5	A	MAS				107	SEE NOTE 3 ON SHEET E-2.
				2	12	MAS					
(d)	EXISTING 1-B			2	12	TV-3-T	SP-2-T	4	←		
				3	A						
				4	12						
(e)	EXISTING PBA POST							2	→		
(f)	EXISTING 61-5-100	65'	15'	3	A	MAS	SP-1-T	2	←	107	SEE NOTE 3 ON SHEET E-2.
				8	12	MAS					
				8	12	MAS					
				8	12	SV-1-T					
(g)	EXISTING 1-B			1	A	TV-2-T	SP-1-T	8	→		
				2	12						
(h)	EXISTING 29-5-100	55'	15'	1	A	MAS	SP-1-T	8	←	107	SEE NOTE 3 ON SHEET E-2.
				6	12	MAS					
				6	12	SV-1-T					
(j)	EXISTING 1-B			7	A	TV-2-T	SP-1-T	6	→		
				8	12						

A = 3-12" ARROW HEAD SECTIONS

SENSOR TABLE

	DETECTOR CHANNEL	ASSIGNED PHASE	NOTE
1	1	1A	CALL
	2	2A	RADAR ADVANCE
	3	3A	CALL
	4	4A	RADAR ADVANCE
2	5	5A	CALL
	6	6A	RADAR ADVANCE
	7	7A	CALL
	8	8A	RADAR ADVANCE
3	9	2B	CALL
	10	4B	CALL
	11	6B	CALL
	12	8B	CALL
4	13	2C	DELAY
	14	8C	DELAY
	15	1B	BIKE
	16	3B	BIKE
5	17	4F	BIKE
	18	5B	BIKE
	19	7B	BIKE
	20		
6	21	2D	SAMPLER
	22	2E	SAMPLER
	23	2F	SAMPLER
	24		
7	25	4C	SAMPLER
	26	4D	SAMPLER
	27	4E	SAMPLER
	28		
8	29	6C	SAMPLER
	30	6D	SAMPLER
	31	8D	SAMPLER
	32	8F	SAMPLER



TYPICAL VIDEO DETECTOR ZONE LAYOUT

NO SCALE

CALL BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

PRINCIPAL ENGINEER K. DANIEL YAU No. 44611 Exp. 3/31/24 CIVIL STATE OF CALIFORNIA 1-12-2023

PROJECT ENGINEER KIN Y. CHAN No. 55391 Exp. 12/31/24 CIVIL STATE OF CALIFORNIA 1-12-2023

DRAWING SCALE NO SCALE

ORIGINAL DRAWING SCALE 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366-8000 FAX: (916) 366-8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION

DATE 1-12-2023

HORIZONTAL DATUM CCS83, ZONE 3

VERTICAL DATUM NAVD88

KSN PROJECT FILE NO. 2407-0010

SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT

SIGNAL AND LIGHTING (AIRPORT WY/Dr. MARTIN LUTHER KING Jr BLVD)

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA

SCALE: NO SCALE | DESIGNED BY: C.L. | DRAWN BY: C.L. | CHECKED BY: K.C. | RECORD DWG:

APPROVED BY: DATE: 2/10/23

CITY ENGINEER STOCKTON, CALIF.

SHEET NO. 38 OF 54 SHTS

PROJECT NO. PW1808

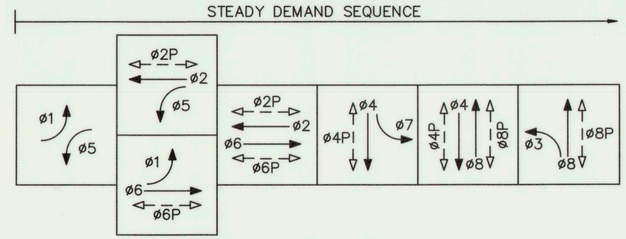
E-3

5532.37 C

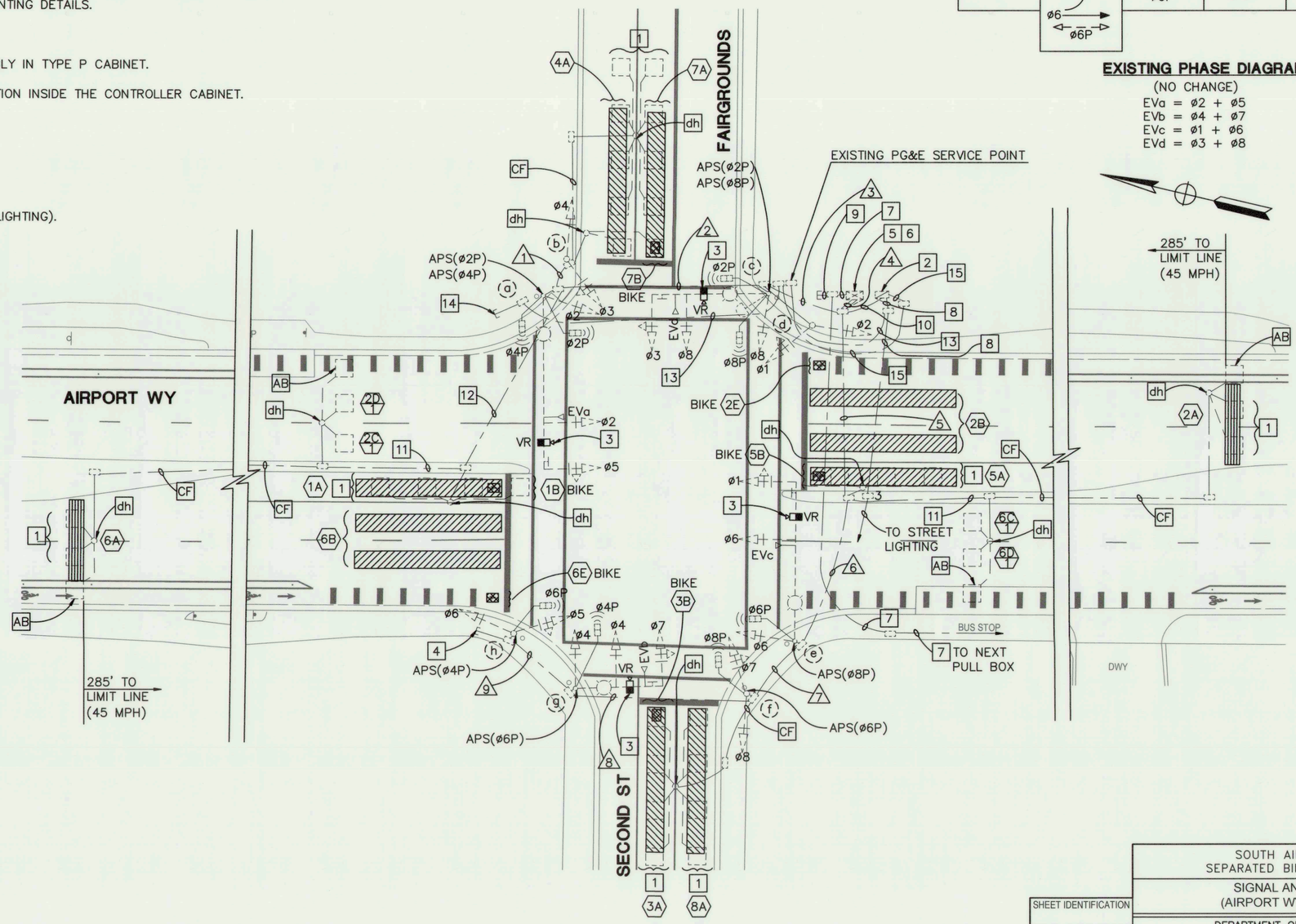
FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 - 2:56pm

PROJECT NOTES:

1. DISCONNECT EXISTING DETECTION LOOPS. EXISTING DETECTOR LOOPS AND DETECTOR HANDHOLES TO REMAIN IN PLACE.
2. EXISTING TYPE III–AF SERVICE CABINET WITH TYPE V PEU.
3. INSTALL VIDEO/RADAR DETECTOR SENSOR TO SMA PER MANUFACTURER'S RECOMMENDATION. SEE CALTRANS STANDARD PLAN ES–7R FOR MOUNTING DETAILS.
4. EXISTING 2"C, STUB OUT.
5. EXISTING MODEL 2070 NEMA CONTROLLER ASSEMBLY IN TYPE P CABINET.
6. INSTALL CONTROL UNIT FOR VIDEO/RADAR DETECTION INSIDE THE CONTROLLER CABINET.
7. EXISTING 2½"C, PT.
8. EXISTING 2"C, 4#8 (STREET LIGHTING).
9. EXISTING 2½"C, STUB OUT.
10. EXISTING 2"C, 2#6 (240 V SIGNAL), 4#8 (240 V LIGHTING).
11. EXISTING 2"C, 4 DLC. REMOVE 2 DLC.
12. EXISTING 3"C, 5 DLC. REMOVE 3 DLC.
13. EXISTING 2"C, PT.
14. EXISTING 1½"C, STUB OUT.
15. EXITING 2"C, 3#2 (SERVICE).



EXISTING PHASE DIAGRAM
(NO CHANGE)
EVa = ø2 + ø5
EVb = ø4 + ø7
EVc = ø1 + ø6
EVd = ø3 + ø8



E-4

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 – 2:56pm

CALL BEFORE YOU DIG — UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — K. DANIEL YAU — No. 44611 — Exp. 3/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: 1" = 20'
ORIGINAL DRAWING SCALE: 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366–8000 FAX: (916) 366–8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION	SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT SIGNAL AND LIGHTING (AIRPORT WY/SECOND ST)
DATE 1-12-2023	DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA
HORIZONTAL DATUM CCS83, ZONE 3	SCALE: 1"=20' — APPROVED BY: DATE: 4/4/23 — SHEET NO. 39
VERTICAL DATUM NAVD88	DESIGNED BY: C.L. — OF 54 SHTS
KSN PROJECT FILE NO. 2407-0010	DRAWN BY: C.L. — PROJECT NO. PW1808
	CHECKED BY: K.C. — CITY ENGINEER STOCKTON, CALIF.
	RECORD DWG:

5532.35C

CONDUCTOR SCHEDULE

CIRCUIT	NUMBER OF CONDUCTORS — RUN NUMBER								
	EX 1	EX 2	EX 3	EX 4	EX 5	EX 6	EX 7	EX 8	EX 9
No. 14 CONDUCTOR									
ø1			3	6	3	3			
ø2		3	3	3					
ø3	3	3	3	3					
ø4	3	3	3	6	3	3	3	3	
ø5		3	3	6	3	3	3	3	3
ø6				3	3	3	3	3	3
ø7				3	3	3	3	3	
ø8			3	6	3	3	3		
ø2P		2	2	2					
ø4P		2	2	4	2	2	2	2	
ø6P				2	2	2	2	2	2
ø8P			2	4	2	2	2		
APS(ø2P)		2	2	2					
APS(ø4P)		2	2	4	2	2	2	2	2
APS(ø6P)				2	2	2	2	2	
APS(ø8P)			2	4	2	2			
SPARES	3	3	3	6	3	3	3	3	3
TOTAL No. 14	9	23	33	66	33	33	28	23	13
No. 12 CONDUCTOR									
FIRE STATION PRE-EMPTION				2	2	2	2	2	2
TOTAL No. 12				2	2	2	2	2	2
No. 8 CONDUCTOR									
LIGHTING		2	2		2	2	2	2	
SIGNAL NETURAL	1	1	1	2	1	1	1	1	1
TOTAL No. 8	1	3	3	2	3	3	3	3	1
No. 6 CONDUCTOR									
SIGNAL CONTROLLER				2					
TOTAL No. 6				2					
DETECTOR LEAD-IN CABLE (DLC)									
ø2 SAMPLERS		3 1⁻	3 1⁻	3 1⁻					
ø6 SAMPLERS				3 1⁻	3 1⁻				
ø1 DETECTORS		1⁻	1⁻	1⁻					
ø2 DETECTORS				1⁻	1⁻				
ø3 DETECTORS				1⁻	1⁻	1⁻	1⁻		
ø4 DETECTORS	2⁻	2⁻	2⁻	2⁻					
ø5 DETECTORS				1⁻	1⁻				
ø6 DETECTORS		1⁻	1⁻	1⁻					
ø7 DETECTORS	2⁻	2⁻	2⁻	2⁻					
ø8 DETECTORS				1⁻	1⁻	1⁻	1⁻		
TOTAL DLC		2	2	4	2				
EVP CABLE		1	2	4	2	2	1	1	
VIDEO DETECTION CABLES		1⁺	2⁺	4⁺	2⁺	2⁺	1⁺	1⁺	
CCTV COAXIAL CABLE			1	1					
CCTV POWER CABLE			1						
CCTV COMMUNICATION CABLE			1	1					
CONDUIT SIZE (INCHES)	2"	3"	3"	2-4"	3"	3"	2½"	3"	2"
% FILL	7	15	24	13	23	21	24	14	11

"+" = ADD NEW CONDUCTORS/CABLES
"−" = REMOVE EXISTING CONDUCTORS/CABLES

POLE AND EQUIPMENT SCHEDULE

STANDARD MAST ARM				VEHICLE SIGNAL HEADS			PED SIGNAL MOUNTING	APS		LED LUMINAIRE (WATTS)	REMARKS
Loc	TYPE	SIG	LUM	ø	SIZE	MTG		ø	ARROW		
(a)	EXISTING 61-5-100	60'	15'	5	A	MAS	SP-2-T	2	→	107	SEE NOTE 3 ON SHEET E-4.
				2	12	MAS		4	←		
				2	12	SV-1-T					
(b)	EXISTING 1-B			3	A	TV-2-T					
				4	12						
(c)	EXISTING 26-4-100	40'	15'	3	A	MAS	SP-2-T	8	→	107	SEE NOTE 3 ON SHEET E-4.
				8	12	MAS		2	←		
				8	12	SV-1-T					
(d)	EXISTING 1-B			1	A	TV-2-T					
				2	12						
(e)	EXISTING 29-5-100	55'	15'	1	A	MAS	SP-1-T	8	←	107	SEE NOTE 3 ON SHEET E-4.
				6	12	MAS					
				6	12	SV-1-T					
(f)	EXISTING 1-B			7	A	TV-2-T	SP-1-T	6	→		
				8	12						
(g)	EXISTING 19-4-100	30'	12'	7	A	MAS	SP-1-T	6	←	107	SEE NOTE 3 ON SHEET E-4.
				4	12	MAS					
				4	12	SV-1-T					
(h)	EXISTING 1-B			5	A	TV-2-T	SP-1-T	4	→		
				6	12						

A = 3-12" ARROW HEAD SECTIONS

SENSOR TABLE

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

E-5

CALL BEFORE YOU DIG — 1-800-227-2600 — UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — K. DANIEL YAU — No. 44611 — Exp. 3/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: NO SCALE
ORIGINAL DRAWING SCALE: 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366-8000 FAX: (916) 366-8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION
DATE 1-12-2023
HORIZONTAL DATUM CCS83, ZONE 3
VERTICAL DATUM NAVD88
KSN PROJECT FILE NO. 2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT
SIGNAL AND LIGHTING
(AIRPORT WY/SECOND ST)
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: NO SCALE
DESIGNED BY: C.L.
DRAWN BY: C.L.
CHECKED BY: K.C.
RECORD DWG:

APPROVED BY: DATE: 4/4/23
CITY ENGINEER
STOCKTON, CALIF.

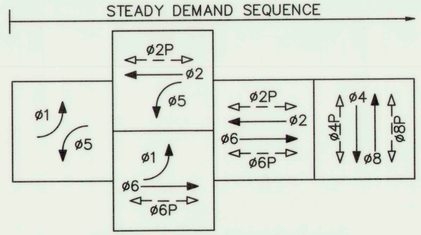
SHEET NO. 40
OF 54 SHTS
PROJECT NO. PW1808

5532.39C

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\11235ig.dwg
PLOT DATE: Jan 17, 2023 - 2:56pm

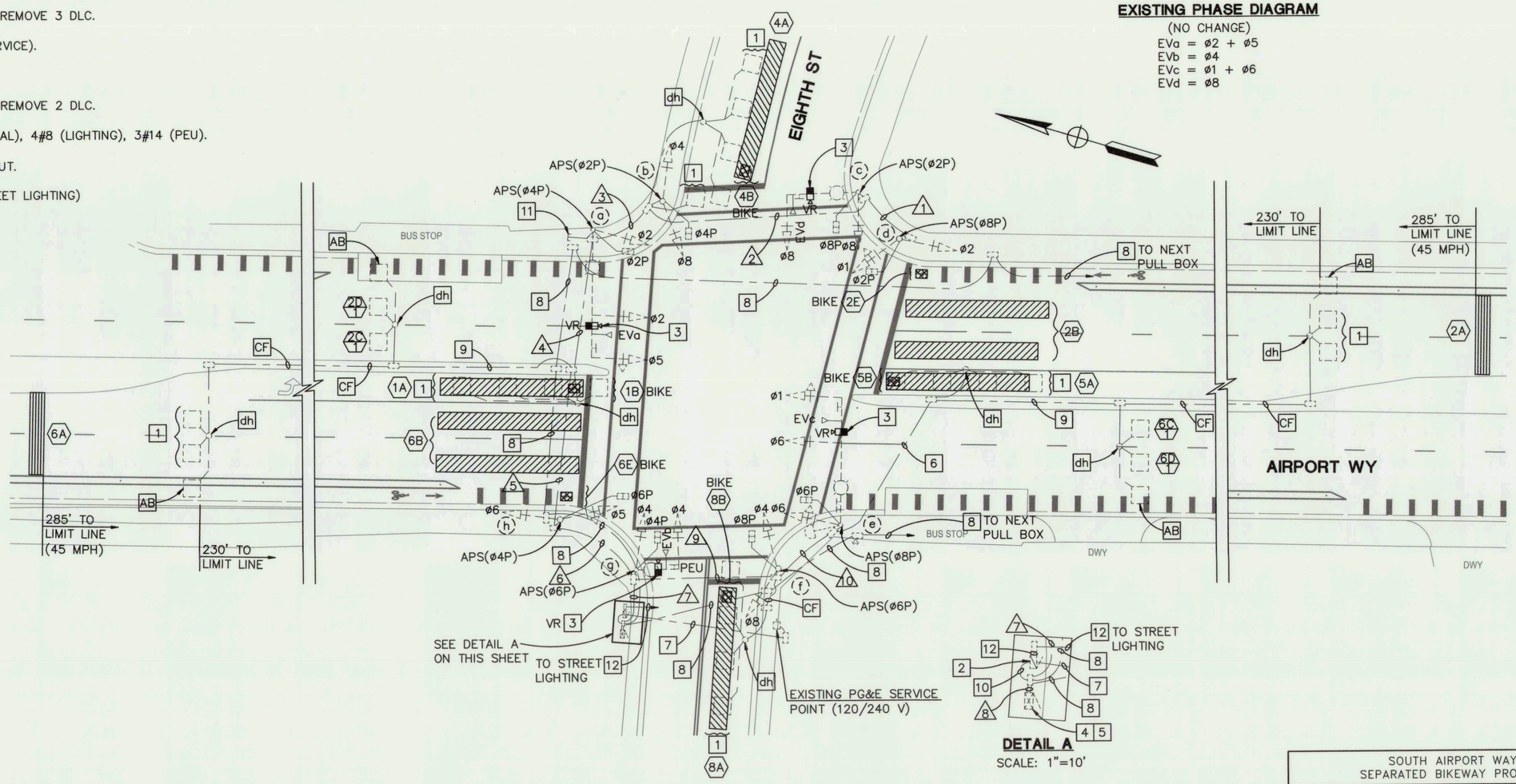
PROJECT NOTES:

1. DISCONNECT EXISTING DETECTOR LOOPS. EXISTING DETECTOR LOOPS AND EXISTING DETECTOR HANDHOLES TO REMAIN IN PLACE.
2. EXISTING TYPE III–AF SERVICE CABINET.
3. INSTALL VIDEO/RADAR DETECTOR SENSOR TO SMA PER MANUFACTURER'S RECOMMENDATION. SEE CALTRANS STANDARD PLAN ES–7R FOR MOUNTING DETAILS.
4. EXISTING MODEL 2070 NEMA CONTROLLER ASSEMBLY IN TYPE P CABINET.
5. INSTALL CONTROL UNIT FOR VIDEO/RADAR DETECTION INSIDE THE CONTROLLER CABINET.
6. EXISTING 2"C, 5 DLC. REMOVE 3 DLC.
7. EXISTING 2"C, 3#2 (SERVICE).
8. EXISTING 2½"C, PT.
9. EXISTING 2"C, 4 DLC. REMOVE 2 DLC.
10. EXITING 2"C, 2#6 (SIGNAL), 4#8 (LIGHTING), 3#14 (PEU).
11. EXISTING 1½"C, STUB OUT.
12. EXITING 2"C, 3#8 (STREET LIGHTING)



EXISTING PHASE DIAGRAM

(NO CHANGE)
EVa = ø2 + ø5
EVb = ø4
EVc = ø1 + ø6
EVd = ø8



DETAIL A
SCALE: 1"=10'

E-6

SHEET IDENTIFICATION	SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT
	SIGNAL AND LIGHTING (AIRPORT WY/EIGHTH ST)
DATE 1-12-2023	DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA
HORIZONTAL DATUM CCS83, ZONE 3	SCALE: 1" = 20'
VERTICAL DATUM NAVD88	DESIGNED BY: C.L.
KSN PROJECT FILE NO. 2407-0010	DRAWN BY: C.L.
	CHECKED BY: K.C.
	RECORD DWG:
	APPROVED BY: DATE: 5/11/23 CITY ENGINEER STOCKTON, CALIF.
	SHEET NO. 41 OF 54 SHTS
	PROJECT NO. PW1808

PRINCIPAL ENGINEER: REGISTERED PROFESSIONAL ENGINEER, K. DANIEL YAU, No. 44611, Exp. 3/31/24, CIVIL, STATE OF CALIFORNIA, 1-12-2023
PROJECT ENGINEER: REGISTERED PROFESSIONAL ENGINEER, KIN Y. CHAN, No. 55391, Exp. 12/31/24, CIVIL, STATE OF CALIFORNIA, 1-12-2023

DRAWING SCALE 1" = 20'
ORIGINAL DRAWING SCALE 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366–8000 FAX: (916) 366–8008

NO.	DESCRIPTION	DATE	APPR.

CALL BEFORE YOU DIG — 811 — UNDERGROUND SERVICE ALERT

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 – 2:56pm

5532.40C

CONDUCTOR SCHEDULE

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
No. 14 CONDUCTOR										
ø1	3	3	3	3	3	3	6	6	3	3
ø2	3	3	3	3	3	3	3	3		
ø4			3	3	3	3	6	6	3	
ø5				3	3	3	3	3		
ø6						3	6	6	3	3
ø8		3	3	3	3	3	6	6	3	
ø2P	2	2	2	2	2	2	2	2		
ø4P						2	2	2		
ø6P						2	4	4	2	2
ø8P		2	2	2	2	2	4	4	2	
APS(ø2P)		2	2	2	2	2	2	2		
APS(ø4P)						2	2	2		
APS(ø6P)							2	2	2	
APS(ø8P)	2	2	2	2	2	2	4	2	2	2
PEU							3			
SPARES	3	3	3	3	3	3	6	6	3	3
TOTAL No. 14	13	20	23	26	26	35	61	58	23	13
No. 8 CONDUCTOR										
LIGHTING		2	2	2	2	2	4		2	2
SIGNAL NETURAL	1	1	1	1	1	1	2	2	1	1
TOTAL No. 8	1	3	3	3	3	3	6	2	3	3
No. 6 CONDUCTOR										
SIGNAL								2		
TOTAL No. 6								2		
DETECTOR LEAD-IN CABLE (DLC)										
ø2 SAMPLERS					3	3	3	3	3	
ø6 SAMPLERS							3	3	3	3
ø1 DETECTORS					1⁻	1⁻	1⁻	1⁻		
ø2 DETECTORS							1⁻	1⁻	1⁻	1⁻
ø4 DETECTORS			2⁻	2⁻	2⁻	2⁻	2⁻	2⁻		
ø5 DETECTORS							1⁻	1⁻	1⁻	1⁻
ø6 DETECTORS					1⁻	1⁻	1⁻	1⁻		
ø8 DETECTORS							1⁻	1⁻	1⁻	
TOTAL DLC					2	2	4	4	2	2
EVP CABLE		1	1	2	2	2	4	4	1	1
VIDEO DETECTION CABLE		1⁺	1⁺	2⁺	2⁺	2⁺	4⁺	4⁺	1⁺	1⁺
CCTV COAXIAL CABLE							1	1	1	1
CCTV POWER CABLE							1	1	1	1
CCTV COMMUNICATION CABLE							1	1	1	1
CONDUIT SIZE (INCHES)	3"	3"	3"	3"	3"	3"	2-3"	2-2½"	3"	3"
% FILL	4	13	13	19	21	23	23	34	17	14

"+" = ADD NEW CONDUCTORS/CABLES
"−" = REMOVE EXISTING CONDUCTORS/CABLES

POLE AND EQUIPMENT SCHEDULE

STANDARD MAST ARM				VEHICLE SIGNAL HEADS			PED SIGNAL MOUNTING	APS		LED LUMINAIRE (WATTS)	REMARKS
Loc	TYPE	SIG	LUM	ø	SIZE	MTG		ø	ARROW		
(a)	EXISTING 29-5-100	45'	12'	5	A	MAS	SP-1-T	4	←	107	SEE NOTE 3 ON SHEET E-6.
				2	12	MAS					
				2	12	SV-1-T					
(b)	EXISTING 1-B			4	12	TV-2-T	SP-1-T	2	→		
				8	12						
(c)	EXISTING 19-4-100	25'	12'	8	12	MAS	SP-1-T	2	←	107	SEE NOTE 3 ON SHEET E-6.
				8	12	SV-1-T					
(d)	EXISTING 1-B			1	A	TV-2-T	SP-1-T	8	→		
				2	12						
(e)	EXISTING 26-4-100	45'	12'	1	A	MAS	SP-1-T	8	←	107	SEE NOTE 3 ON SHEET E-6.
				6	12	MAS					
				6	12	SV-1-T					
(f)	EXISTING 1-B			4	12	TV-2-T	SP-1-T	6	→		
				8	12						
(g)	EXISTING 17-2-100	15'	12'	4	12	MAS	SP-1-T	6	←	107	SEE NOTE 3 ON SHEET E-6.
				4	12	SV-1-T					
(h)	EXISTING 1-B			5	A	TV-2-T	SP-1-T	4	→		
				6	12						

A = 3-12" ARROW HEAD SECTIONS

SENSOR TABLE

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

E-7

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 - 2:57pm

CALL BEFORE YOU DIG 2 WORKING DAYS NOTICE REQUIRED UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — K. DANIEL YAU — No. 44611 — Exp. 3/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: NO SCALE
ORIGINAL DRAWING SCALE: 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366-8000 FAX: (916) 366-8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION
DATE 1-12-2023
HORIZONTAL DATUM CCS83, ZONE 3
VERTICAL DATUM NAVD88
KSN PROJECT FILE NO. 2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT
SIGNAL AND LIGHTING
(AIRPORT WY/EIGHTH ST)
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: NO SCALE
DESIGNED BY: C.L.
DRAWN BY: C.L.
CHECKED BY: K.C.
RECORD DWG:

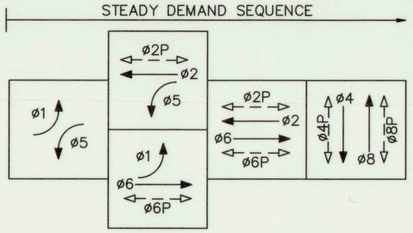
APPROVED BY: DATE: 1/11/23
CITY ENGINEER
STOCKTON, CALIF.

SHEET NO. 42
OF 54 SHTS
PROJECT NO. PW1808

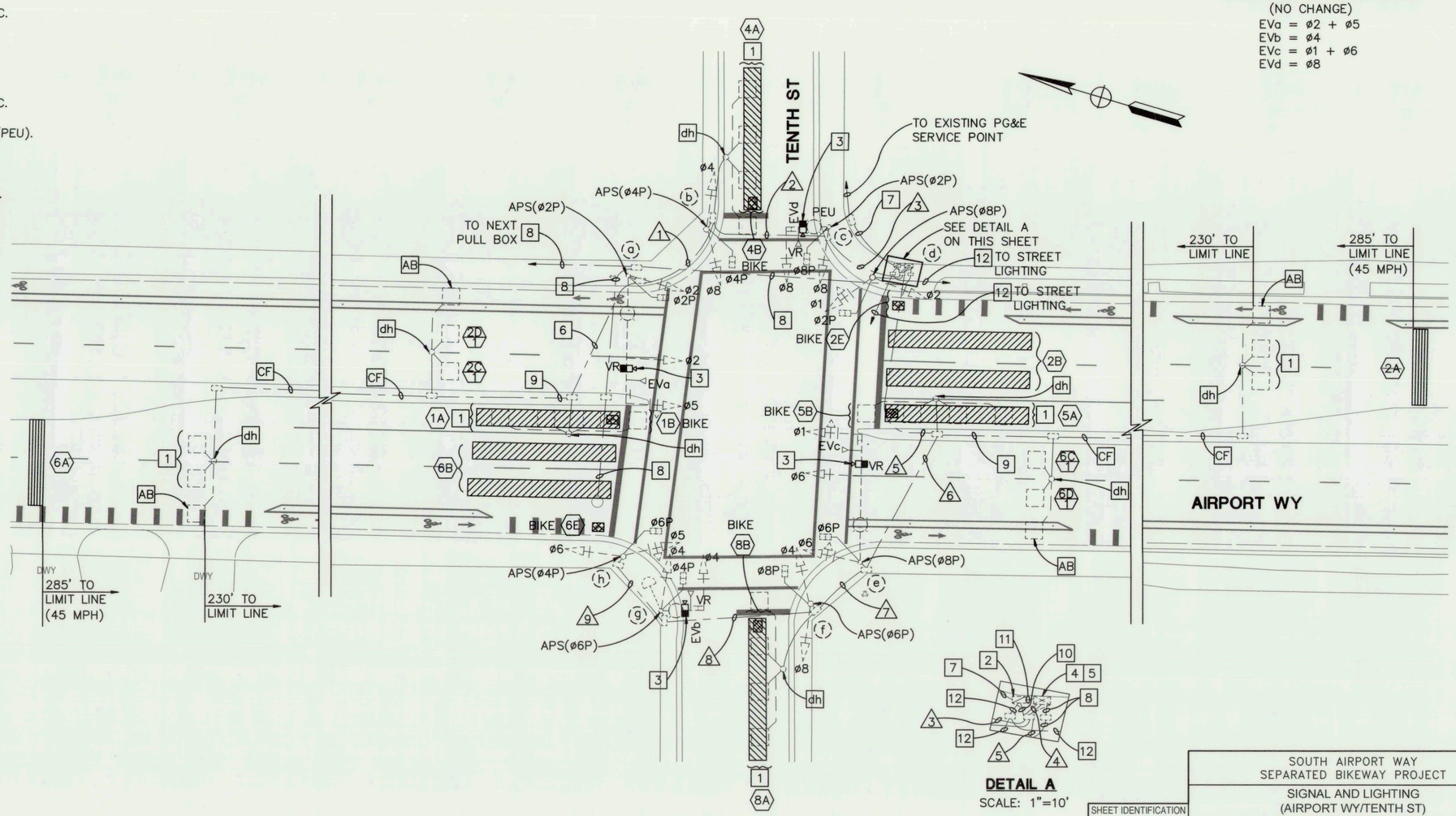
5532.41C

PROJECT NOTES:

1. DISCONNECT EXISTING DETECTOR LOOPS. EXISTING DETECTOR LOOPS AND EXISTING DETECTOR HANDHOLES TO REMAIN IN PLACE.
2. EXISTING TYPE III–AF SERVICE CABINET.
3. INSTALL VIDEO/RADAR DETECTOR SENSOR TO SMA PER MANUFACTURER'S RECOMMENDATION. SEE CALTRANS STANDARD PLAN ES–7R FOR MOUNTING DETAILS.
4. EXISTING MODEL 2070 NEMA CONTROLLER ASSEMBLY IN TYPE P CABINET.
5. INSTALL CONTROL UNIT FOR VIDEO/RADAR DETECTION INSIDE THE CONTROLLER CABINET.
6. EXISTING 2"C, 5 DLC. REMOVE 3 DLC.
7. EXISTING 2"C, 3#2 (SERVICE).
8. EXISTING 2½"C, PT.
9. EXISTING 2"C, 4 DLC. REMOVE 2 DLC.
10. EXISTING 2"C, 2#8 (LIGHTING), 3#14 (PEU).
11. EXISTING 2"C, 2#6 (SIGNAL).
12. EXITING 1½"C, 3#8 (STREET LIGHTING).



EXISTING PHASE DIAGRAM
(NO CHANGE)
EVa = ø2 + ø5
EVb = ø4
EVc = ø1 + ø6
EVd = ø8



DETAIL A
SCALE: 1"=10'

E-8

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 – 2:57pm

CALL BEFORE YOU DIG — UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — K. DANIEL YAU — No. 44611 — Exp. 3/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE
1" = 20'
ORIGINAL DRAWING SCALE
0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366–8000 FAX: (916) 366–8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION
DATE 1-12-2023
HORIZONTAL DATUM CCS83, ZONE 3
VERTICAL DATUM NAVD88
KSN PROJECT FILE NO. 2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT
SIGNAL AND LIGHTING
(AIRPORT WY/TENTH ST)
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	1"=20'	APPROVED BY:	DATE: 4/4/23
DESIGNED BY:	C.L.	CITY ENGINEER	
DRAWN BY:	C.L.	STOCKTON, CALIF.	
CHECKED BY:	K.C.		
RECORD DWG:			

SHEET NO. 43 OF 54 SHTS
PROJECT NO. PW1808

5532.42c

CONDUCTOR SCHEDULE

CIRCUIT	NUMBER OF CONDUCTORS — RUN NUMBER								
	EX 1	EX 2	EX 3	EX 4	EX 5	EX 6	EX 7	EX 8	EX 9
No. 14 CONDUCTOR									
ø1				3	3	3			
ø2	3	3	3	3					
ø4		3	3	6	3	3	3	3	
ø5	3	3	3	6	3	3	3	3	3
ø6				3	3	3	3	3	3
ø8		3	3	6	3	3	3		
ø2P	2	2	2	2					
ø4P		2	2	4	2	2	2	2	
ø6P				2	2	2	2	2	2
ø8P				2	2	2	2		
APS(ø2P)	2	2	2	2					
APS(ø4P)		2	2	4	2	2	2	2	2
APS(ø6P)				2	2	2	2	2	
APS(ø8P)				2	2	2			
PEU			3						
SPARES	3	3	3	6	3	3	3	3	3
TOTAL No. 14	13	23	26	53	30	30	25	20	13
No. 8 CONDUCTOR									
LIGHTING	2	2	2		2	2	2	2	
SIGNAL NETURAL	1	1	1	2	1	1	1	1	1
TOTAL No. 8	3	3	3	2	3	3	3	3	1
DETECTOR LEAD-IN CABLE (DLC)									
ø2 SAMPLERS	3 1⁻	3 1⁻	3 1⁻	3 1⁻					
ø6 SAMPLERS				3 1⁻	3 1⁻				
ø1 DETECTORS	1⁻	1⁻	1⁻	1⁻					
ø2 DETECTORS				1⁻	1⁻				
ø4 DETECTORS		1⁻	1⁻	1⁻					
ø5 DETECTORS				1⁻	1⁻				
ø6 DETECTORS	1⁻	1⁻	1⁻	1⁻					
ø8 DETECTORS				1⁻	1⁻	1⁻	1⁻		
TOTAL DLC	2	2	2	4	2				
EVP CABLE	1	1	2	4	2	2	1	1	
VIDEO DETECTION CABLE	1⁺	1⁺	2⁺	4⁺	2⁺	2⁺	1⁺	1⁺	
CCTV COAXIAL CABLE				1	1	1	1	1	
CCTV POWER CABLE				1	1	1	1	1	
CCTV COMMUNICATION CABLE				1	1	1	1	1	
CONDUIT SIZE (INCHES)	3"	3"	3"	2-3"	3"	3"	3"	3"	3"
% FILL	13	15	21	20	23	21	15	14	4

"+" = ADD NEW CONDUCTORS/CABLES
"−" = REMOVE EXISTING CONDUCTORS/CABLES

POLE AND EQUIPMENT SCHEDULE

STANDARD MAST ARM				VEHICLE SIGNAL HEADS			PED SIGNAL MOUNTING	APS		LED LUMINAIRE (WATTS)	REMARKS
Loc	TYPE	SIG	LUM	ø	SIZE	MTG		ø	ARROW		
(a)	EXISTING 26-5-100	45'	12'	5	A	MAS	SP-1-T	2	←	107	SEE NOTE 3 ON SHEET E-8.
				2	12	MAS					
				2	12	SV-1-T					
(b)	EXISTING 1-B			4	12	TV-2-T	SP-1-T	4	→		
				8	12						
(c)	EXISTING 17-2-100	15'	12'	8	12	MAS	SP-1-T	2	←	107	SEE NOTE 3 ON SHEET E-8.
				8	12	SV-1-T					
(d)	EXISTING 1-B			1	A	TV-2-T	SP-1-T	8	→		
				2	12						
(e)	EXISTING 26-5-100	45'	15'	1	A	MAS	SP-1-T	8	←	107	SEE NOTE 3 ON SHEET E-8.
				6	12	MAS					
				6	12	SV-1-T					
(f)	EXISTING 1-B			4	12	TV-2-T	SP-1-T	6	→		
				8	12						
(g)	EXISTING 17-2-100	15'	12'	4	12	MAS	SP-1-T	6	←	107	SEE NOTE 3 ON SHEET E-8.
				4	12	SV-1-T					
(h)	EXISTING 1-B			5	A	TV-2-T	SP-1-T	4	→		
				6	12						

A = 3-12" ARROW HEAD SECTIONS

SENSOR TABLE

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

E-9

CALL BEFORE YOU DIG — UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — K. DANIEL YAU — No. 44611 — Exp. 3/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: NO SCALE
ORIGINAL DRAWING SCALE: 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366-8000 FAX: (916) 366-8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION
DATE 1-12-2023
HORIZONTAL DATUM CCS83, ZONE 3
VERTICAL DATUM NAVD88
KSN PROJECT FILE NO. 2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT
SIGNAL AND LIGHTING
(AIRPORT WY/TENTH ST)
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: NO SCALE
DESIGNED BY: C.L.
DRAWN BY: C.L.
CHECKED BY: K.C.
RECORD DWG:

APPROVED BY: DATE: 1/16/23
CITY ENGINEER
STOCKTON, CALIF.

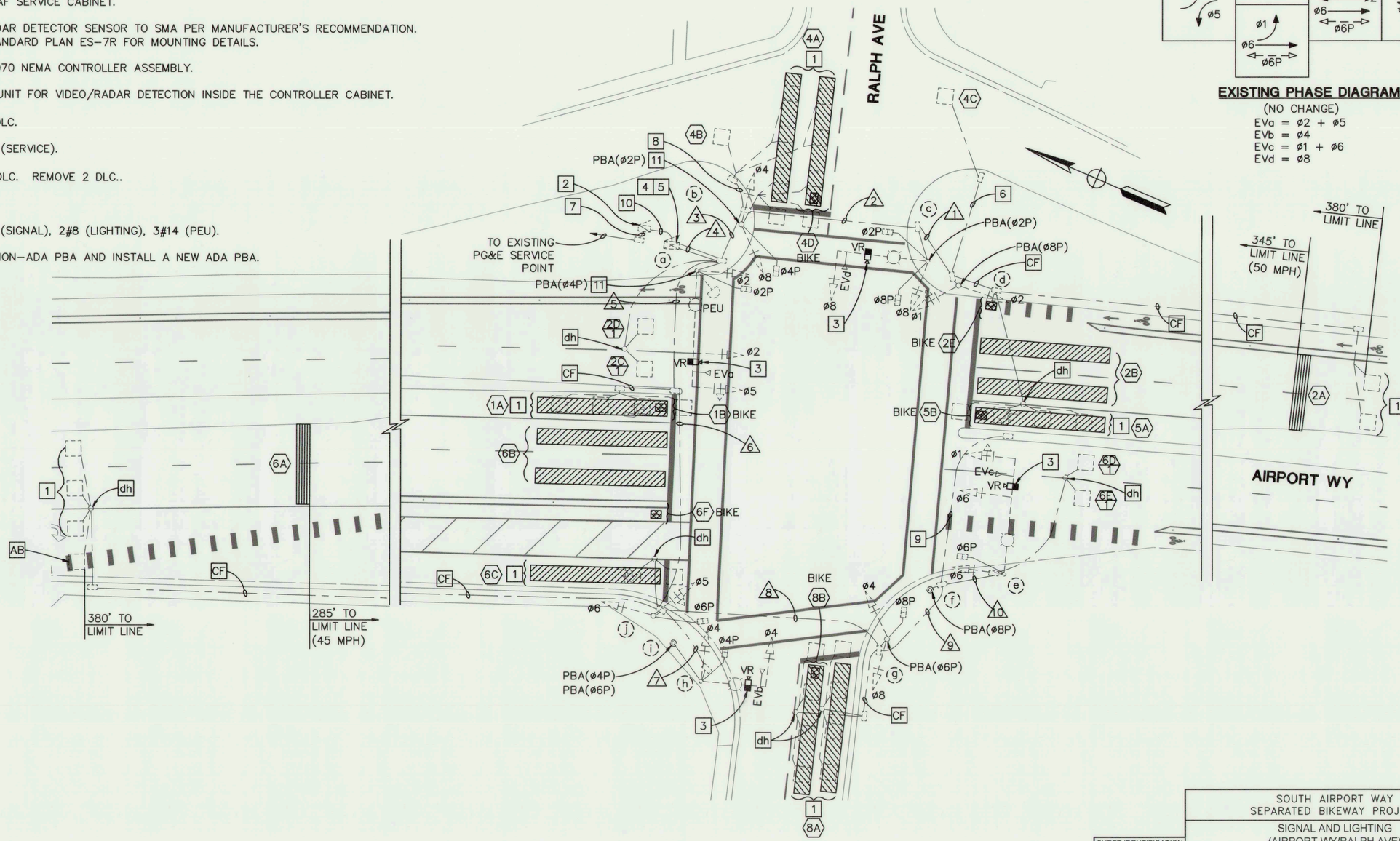
SHEET NO. 44
OF 54 SHTS
PROJECT NO. PW1808

5532.43C

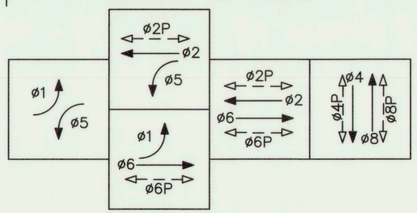
FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 - 2:57pm

PROJECT NOTES:

1. DISCONNECT EXISTING DETECTOR LOOPS. EXISTING DETECTOR LOOPS AND DETECTOR HANDHOLES TO REMAIN IN PLACE.
2. EXISTING TYPE III–AF SERVICE CABINET.
3. INSTALL VIDEO/RADAR DETECTOR SENSOR TO SMA PER MANUFACTURER'S RECOMMENDATION. SEE CALTRANS STANDARD PLAN ES–7R FOR MOUNTING DETAILS.
4. EXISTING MODEL 2070 NEMA CONTROLLER ASSEMBLY.
5. INSTALL CONTROL UNIT FOR VIDEO/RADAR DETECTION INSIDE THE CONTROLLER CABINET.
6. EXISTING 2½"C, 1 DLC.
7. EXISTING 2"C, 3#2 (SERVICE).
8. EXISTING 2½"C, 3 DLC. REMOVE 2 DLC..
9. EXISTING 2"C, PT.
10. EXISTING 2"C, 2#6 (SIGNAL), 2#8 (LIGHTING), 3#14 (PEU).
11. REMOVE EXISTING NON–ADA PBA AND INSTALL A NEW ADA PBA.



STEADY DEMAND SEQUENCE



EXISTING PHASE DIAGRAM
(NO CHANGE)
EVa = ø2 + ø5
EVb = ø4
EVc = ø1 + ø6
EVd = ø8

E-10

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 – 2:57pm

CALL BEFORE YOU DIG — 1-800-642-2444 — UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — K. DANIEL YAU — No. 44611 — Exp. 3/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023
PROJECT ENGINEER — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE 1" =20'
ORIGINAL DRAWING SCALE 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366–8000 FAX: (916) 366–8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION	
DATE	1-12-2023
HORIZONTAL DATUM	CCS83, ZONE 3
VERTICAL DATUM	NAVD88
KSN PROJECT FILE NO.	2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT

SIGNAL AND LIGHTING
(AIRPORT WY/RALPH AVE)

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	1"=20'	APPROVED BY: DATE: 4/5/23	SHEET NO. 45
DESIGNED BY:	C.L.	CITY ENGINEER STOCKTON, CALIF.	OF 54 SHTS
DRAWN BY:	C.L.		PROJECT NO. PW1808
CHECKED BY:	K.C.		
RECORD DWG:			

5532.44C

CONDUCTOR SCHEDULE

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
No. 14 CONDUCTOR										
ø1	3	3	3	6	3	3		3	3	3
ø2	3	3	3	3						
ø4			3	6	3	3	3	3		
ø5				3	3	3				
ø6				3	3	3		3	3	3
ø8		3	3	6	3	3		3		
ø2P		2	2	2						
ø4P			2	4	2	2	2			
ø6P				2	2	2		2	2	2
ø8P		2	2	4	2	2		2		
PBA(ø2P)		2	2	2						
PBA(ø4P)				2	2	2	2			
PBA(ø6P)				2	2	2	2	2		
PBA(ø8P)	2	2	2	4	2	2		2	2	
SPARES	3	3	3	6	3	3	3	3	3	3
PEU				3						
TOTAL No. 14	11	20	25	61	30	30	12	23	13	11
No. 8 CONDUCTOR										
LIGHTING		2	2	2	2	2	2	2	2	2
SIGNAL NETURAL	1	1	1	2	1	1	1	1	1	1
TOTAL No. 8	1	3	3	4	3	3	3	3	3	3
DETECTOR LEAD-IN CABLE (DLC)										
ø2 SAMPLERS				2						
ø6 SAMPLERS				2	2	2		2	2	2
ø1 DETECTORS				1⁻	1⁻					
ø2 DETECTORS	1⁻	1⁻	1⁻	1⁻						
ø4 DETECTORS	1	1	4 2	4 2						
ø5 DETECTORS	1⁻	1⁻	1⁻	1⁻						
ø6 DETECTORS				2⁻	2⁻	2⁻				
ø8 DETECTORS				2⁻	2⁻	2⁻		2⁻		
TOTAL DLC	1	1	2	6	2	2		2	2	2
EVP CABLE		1	1	4	2	2	1	1	1	1
VIDEO DETECTION CABLE		1⁺	1⁺	4⁺	2⁺	2⁺	1⁺	1⁺	1⁺	1⁺
CCTV COAXIAL CABLE				1						
CCTV POWER CABLE				1						
CCTV COMMUNICATION CABLE				1						
CONDUIT SIZE (INCHES)	2"	2"	3"	2-3"	2½"	3"	3"	3"	2"	2"
% FILL	11	30	16	23	34	22	10	15	28	26

"+" = ADD NEW CONDUCTORS/CABLES
"-" = REMOVE EXISTING CONDUCTORS/CABLES

POLE AND EQUIPMENT SCHEDULE

Loc	STANDARD MAST ARM TYPE	SIG	LUM	VEHICLE SIGNAL HEADS ø	SIZE	MTG	PED SIGNAL MOUNTING	PPB ø	PPB ARROW	LED LUMINAIRE (WATTS)	REMARKS
(a)	EXISTING 26-3-80	45'	15'	5	A	MAT	SP-1-T	4	←	107	SEE NOTE 3 AND 11 ON SHEET E-10.
				2	12	MAS					
				2	8	SV-1-T					
(b)	EXISTING 1-B			8	12	TV-2-T	SP-1-T	2	→		SEE NOTE 11 ON SHEET E-10.
				8	8						
(c)	EXISTING 19-3-80	35'	12'	8	12	MAT	SP-2-T	2	←	107	SEE NOTE 3 ON SHEET E-10.
				8	8	SV-1-T					
(d)	EXISTING 1-B			1	A	TV-2-T		8	→		
				2	8						
(e)	EXISTING 26-3-80	45'	15'	1	A	MAT	SP-1-T			107	SEE NOTE 3 ON SHEET E-10.
				6	12	MAS					
				6	8	SV-1-T					
(f)	EXISTING PBA POST							8	←		
(g)	EXISTING 1-B			4	12	TV-2-T	SP-1-T	6	→		
				8	8						
(h)	EXISTING 19-3-80	25'	15'	4	12	MAS	SP-1-T			107	SEE NOTE 3 ON SHEET E-10.
				4	12	SV-1-T					
(i)	EXISTING PBA POST							4	→		
								6	←		
(j)	EXISTING 1-B			5	A	TV-2-T	SP-1-T				
				6	8						

A = 3-12" ARROW HEAD SECTIONS

SENSOR TABLE

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

E-11

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 - 2:57pm

CALL BEFORE YOU DIG 1-800-642-2444 UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — K. DANIEL YAU — No. 44811 — Exp. 3/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: NO SCALE
ORIGINAL DRAWING SCALE: 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366-8000 FAX: (916) 366-8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION
DATE 1-12-2023
HORIZONTAL DATUM CCS83, ZONE 3
VERTICAL DATUM NAVD88
KSN PROJECT FILE NO. 2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT
SIGNAL AND LIGHTING
(AIRPORT WY/RALPH AVE)
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: NO SCALE
DESIGNED BY: C.L.
DRAWN BY: C.L.
CHECKED BY: K.C.
RECORD DWG:

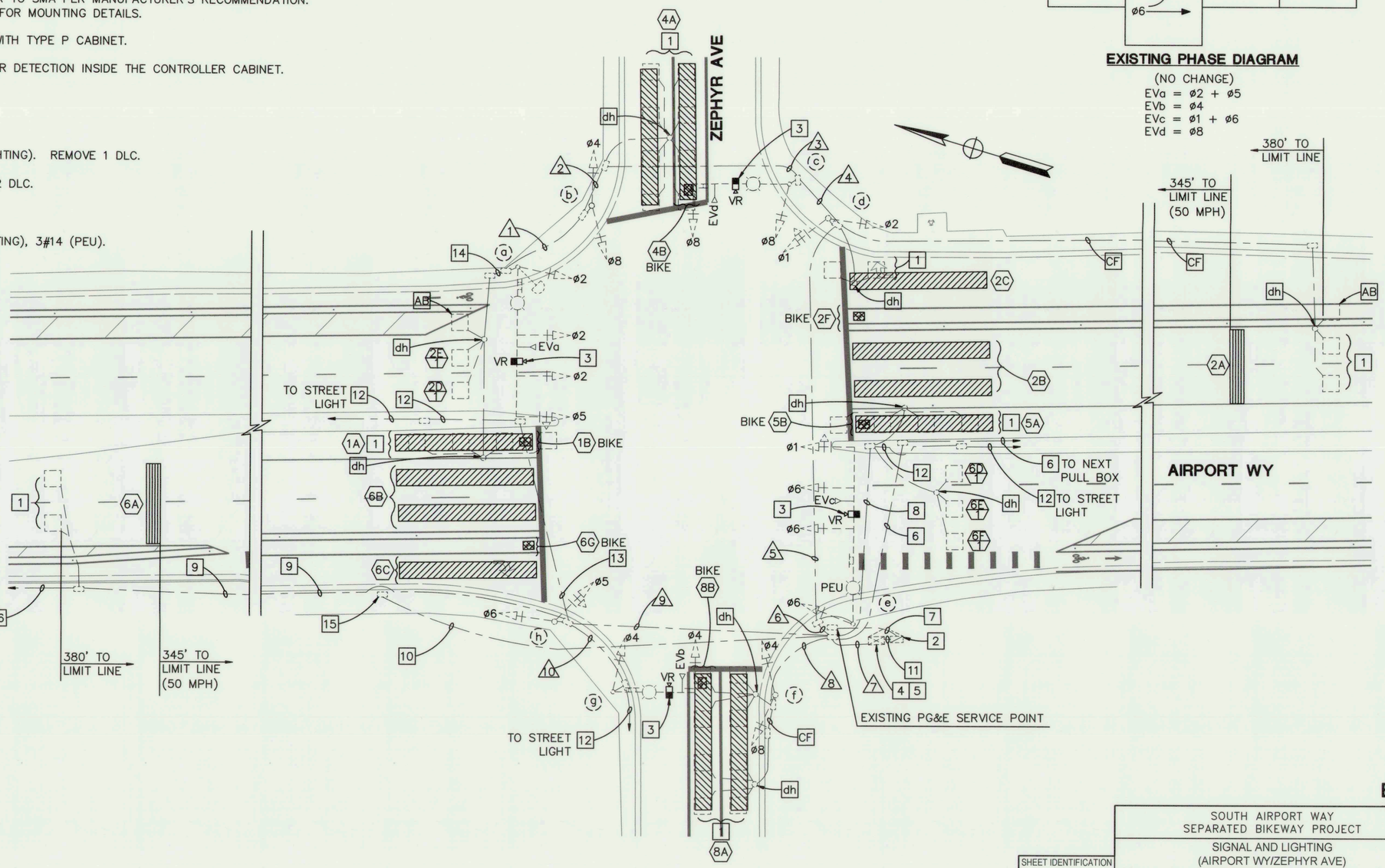
APPROVED BY: DATE: 4/18/23
CITY ENGINEER
STOCKTON, CALIF.

SHEET NO. 46
OF 54 SHTS
PROJECT NO. PW1808

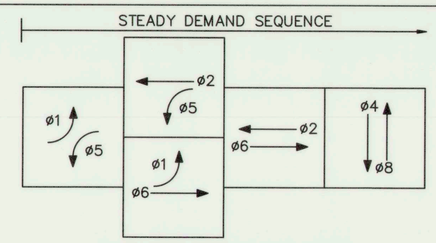
5532.45C

PROJECT NOTES:

1. DISCONNECT EXISTING DETECTOR LOOPS. EXISTING DETECTOR LOOP AND DETECTOR HANDHOLES TO REMAIN IN PLACE.
2. EXISTING TYPE III–AF SERVICE CABINET.
3. INSTALL VIDEO/RADAR DETECTOR SENSOR TO SMA PER MANUFACTURER'S RECOMMENDATION. SEE CALTRANS STANDARD PLAN ES–7R FOR MOUNTING DETAILS.
4. EXISTING 2070 CONTROLLER ASSEMBLY WITH TYPE P CABINET.
5. INSTALL CONTROL UNIT FOR VIDEO/RADAR DETECTION INSIDE THE CONTROLLER CABINET.
6. EXISTING 3"C, 1 SIC.
7. EXISTING 2"C, 3#2 (SERVICE).
8. EXISTING 2½"C, 4 DLC, 2#8 (STREET LIGHTING). REMOVE 1 DLC.
9. EXISTING 1½"C, 2 DLC, 1 SIC. REMOVE 2 DLC.
10. EXISTING 2"C, FO CABLE.
11. EXISTING 1½"C, 2#6 (SIGNAL), 2#8 (LIGHTING), 3#14 (PEU).
12. EXISTING 1½"C, 2#8 (STREET LIGHTING).
13. EXISTING 2"C, 2#8 (STREET LIGHTING).
14. EXISTING 2"C, 4 DLC. REMOVE 2 DLC.
15. EXISTING A.T.&T. SPLICE BOX.
16. EXISTING ½"C, 1 SIC.



STEADY DEMAND SEQUENCE



EXISTING PHASE DIAGRAM

(NO CHANGE)
EVa = ø2 + ø5
EVb = ø4
EVc = ø1 + ø6
EVd = ø8

E-12

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 – 2:57pm

CALL BEFORE YOU DIG — UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — K. DANIEL YAU, No. 44611, Exp. 3/31/24, CIVIL, STATE OF CALIFORNIA — 1-12-2023
PROJECT ENGINEER — KIN Y. CHAN, No. 55391, Exp. 12/31/24, CIVIL, STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: 1" = 20'
ORIGINAL DRAWING SCALE: 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366-8000 FAX: (916) 366-8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION	
DATE	1-12-2023
HORIZONTAL DATUM	CCS83, ZONE 3
VERTICAL DATUM	NAVD88
KSN PROJECT FILE NO.	2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT

SIGNAL AND LIGHTING
(AIRPORT WY/ZEPHYR AVE)

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	1"=20'	APPROVED BY:	DATE: 4/10/23
DESIGNED BY:	C.L.	CITY ENGINEER, STOCKTON, CALIF.	
DRAWN BY:	C.L.		
CHECKED BY:	K.C.		
RECORD DWG:			

SHEET NO. 47 OF 54 SHTS
PROJECT NO. PW1808

5532.46 C

CONDUCTOR SCHEDULE

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
No. 14 CONDUCTOR										
ø1	3	3	3	3	3	3	3			
ø2					3	3	3			
ø4		3	3	3	3	3	6	3	3	3
ø5	3	3	3	3	3	3	6		3	
ø6						3	6		3	
ø8		3	3	3	3	3	6	3		
SPARES	3	3	3	3	3	3	6	3	3	3
PEU						3	3			
TOTAL No. 14	9	15	15	15	18	24	39	9	12	6
No. 8 CONDUCTOR										
LIGHTING	2	2	2	2	2	2	2		2	2
STREET LIGHTING							2		2	2
SIGNAL NETURAL	1	1	1	1	1	1	2	1	1	1
TOTAL No. 8	3	3	3	3	3	3	6	1	5	5
DETECTOR LEAD-IN CABLE (DLC)										
ø2 SAMPLERS	3 1	3 1	3 1	3 1	3 1	3 1	3 1			
ø6 SAMPLERS							3			
ø1 DETECTORS	1⁻	1⁻	1⁻	1⁻	1⁻	1⁻	1⁻			
ø2 DETECTORS					2⁻	2⁻	2⁻			
ø4 DETECTORS			2⁻	2⁻	2⁻	2⁻	2⁻			
ø5 DETECTORS							1⁻			
ø6 DETECTORS							1⁻		1⁻	1⁻
ø8 DETECTORS							2⁻	2⁻		
TOTAL DLC	2	2	2	2	2	2	5			
EVP CABLE	1	1	1	2	2	3	4		1	1
VIDEO DETECTION CABLE	1⁺	1⁺	1⁺	2⁺	2⁺	3⁺	4⁺		1⁺	1⁺
CCTV COAXIAL CABLE	1	1	1	1	1	1	1			
CCTV POWER CABLE	1	1	1	1	1	1	1			
CCTV COMMUNICATION CABLE	1	1	1	1	1	1	1			
FO CABLE							1			
INTERCONNECT CABLE							1			
CONDUIT SIZE (INCHES)	3"	3"	3"	3"	3"	4"	2-3"	2½"	2½"	2½"
% FILL	14	16	16	20	21	16	21	5	18	16

"+" = ADD NEW CONDUCTORS/CABLES
"−" = REMOVE EXISTING CONDUCTORS/CABLES

POLE AND EQUIPMENT SCHEDULE

STANDARD MAST ARM Loc	TYPE	SIG	LUM	VEHICLE SIGNAL HEADS ø	SIZE	MTG	PED SIGNAL MOUNTING	APS ø	APS ARROW	LED LUMINAIRE (WATTS)	REMARKS
(a)	EXISTING 29-5-80	55'	15'	5	A	MAS				107	SEE NOTE 3 ON SHEET E-12.
				2	12	MAS					
				2	12	MAS					
				2	12	SV-1-T					
(b)	EXISTING 1-B			4	12	TV-2-T					
				8	12						
(c)	EXISTING 24-4-80	35'	15'	8	12	MAS				107	SEE NOTE 3 ON SHEET E-12.
				8	12	SV-1-T					
(d)	EXISTING 1-B			1	A	TV-2-T					
				2	12						
(e)	EXISTING 61-5-129	65'	15'	1	A	MAS				107	SEE NOTE 3 ON SHEET E-12.
				6	12	MAS					
				6	12	MAS					
				6	12	SV-1-T					
(f)	EXISTING 1-B			4	12	TV-2-T					
				8	12						
(g)	EXISTING 19-4-80	30'	15'	4	12	MAS				107	SEE NOTE 3 ON SHEET E-12.
				4	12	SV-1-T					
(h)	EXISTING 1-B			5	A	TV-2-T					
				6	12						

A = 3-12" ARROW HEAD SECTIONS

SENSOR TABLE

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

E-13

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — K. DANIEL YAU No. 44611 Exp. 3/31/24 CIVIL STATE OF CALIFORNIA — 1-12-2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — KIN Y. CHAN No. 55391 Exp. 12/31/24 CIVIL STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: NO SCALE
ORIGINAL DRAWING SCALE: 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366-8000 FAX: (916) 366-8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION
DATE 1-12-2023
HORIZONTAL DATUM CCS83, ZONE 3
VERTICAL DATUM NAVD88
KSN PROJECT FILE NO. 2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT
SIGNAL AND LIGHTING
(AIRPORT WY/ZEPHYR AVE)
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: NO SCALE
DESIGNED BY: C.L.
DRAWN BY: C.L.
CHECKED BY: K.C.
RECORD DWG:

APPROVED BY: DATE: 4/2/23
CITY ENGINEER
STOCKTON, CALIF.

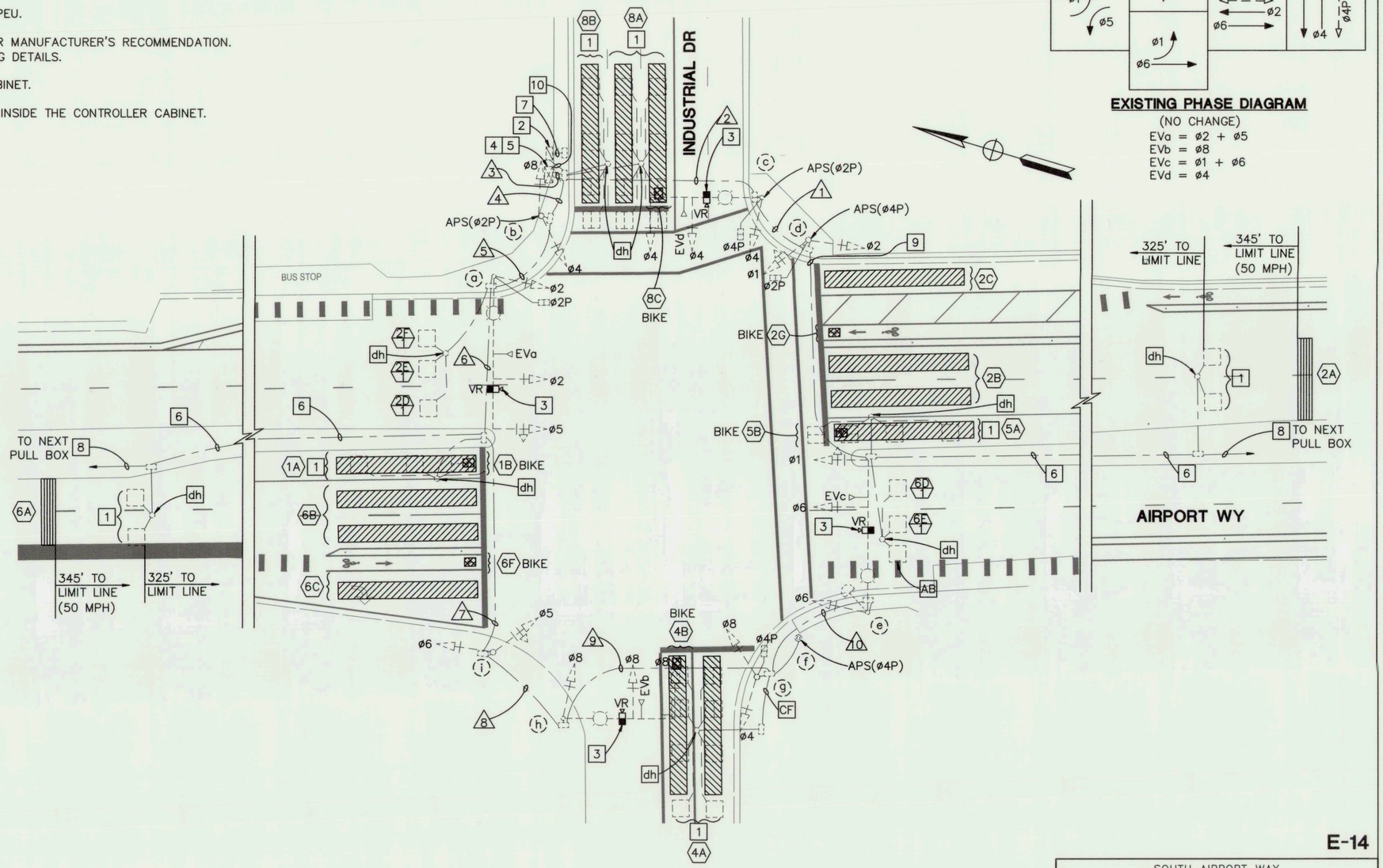
SHEET NO. 48
OF 54 SHTS
PROJECT NO. PW1808

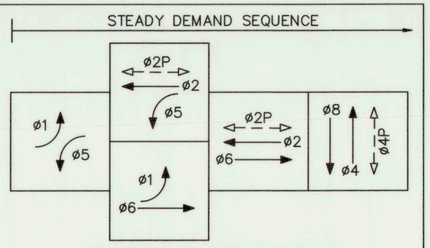
5532.47C

FILE SPEC: G:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 - 2:58pm

PROJECT NOTES:

1. DISCONNECT EXISTING DETECTOR LOOPS. EXISTING DETECTOR LOOPS AND HANDHOLES TO REMAIN IN PLACE.
2. EXISTING TYPE III–AF SERVICE CABINET WITH TYPE V PEU.
3. INSTALL VIDEO/RADAR DETECTOR SENSOR TO SMA PER MANUFACTURER'S RECOMMENDATION. SEE CALTRANS STANDARD PLAN ES–7R FOR MOUNTING DETAILS.
4. EXISTING 2070 CONTROLLER ASSEMBLY IN TYPE P CABINET.
5. INSTALL CONTROL UNIT FOR VIDEO/RADAR DETECTION INSIDE THE CONTROLLER CABINET.
6. EXISTING 2½"C, 1 DLC, 1 SIC. REMOVE 1 DLC.
7. EXISTING 2"C, 3#2 (SERVICE).
8. EXISTING 2½"C, 1 SIC.
9. EXISTING 3"C, 5 DLC. REMOVE 3 DLC.
10. EXISTING 2"C, 2#6 (SIGNAL), 2#10 (LIGHTING).





EXISTING PHASE DIAGRAM
(NO CHANGE)
EVa = ø2 + ø5
EVb = ø8
EVc = ø1 + ø6
EVd = ø4

E-14

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 - 2:58pm

CALL BEFORE YOU DIG 1-800-227-2600 UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER: K. DANIEL YAU, No. 44611, Exp. 3/31/24, CIVIL, STATE OF CALIFORNIA — 1-12-2023
PROJECT ENGINEER: KIN Y. CHAN, No. 55391, Exp. 12/31/24, CIVIL, STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: 1" = 20'
ORIGINAL DRAWING SCALE: 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366–8000 FAX: (916) 366–8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION	SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT SIGNAL AND LIGHTING (AIRPORT WY/INDUSTRIAL DR) DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA
DATE 1-12-2023	
HORIZONTAL DATUM CCS83, ZONE 3	SCALE: 1"=20'
VERTICAL DATUM NAVD88	DESIGNED BY: C.L.
KSN PROJECT FILE NO. 2407-0010	DRAWN BY: C.L.
	CHECKED BY: K.C.
	RECORD DWG:
	APPROVED BY: DATE: 4/18/23 CITY ENGINEER STOCKTON, CALIF.
	SHEET NO. 49 OF 54 SHTS
	PROJECT NO. PW1808

5532.48C

CONDUCTOR SCHEDULE

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
3-12-28 WIRE CONDUCTOR CABLE										
POLE a			0-0-1	0-0-1	0-0-1					
POLE b			1-1-0	1-1-0						
POLE c		2-0-1	2-0-1							
POLE d	1-1-0									
POLE e			0-0-1	0-0-1	0-0-1	0-0-1	0-0-1	0-0-1	0-0-1	0-1-1
POLE f			1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	
POLE g										
POLE h			0-0-1	0-0-1	0-0-1	0-0-1	0-0-1	0-1-1		
POLE i										
TOTAL CABLES	1-1-0	2-0-1	4-1-4	2-1-3	1-0-3	1-0-2	1-0-2	1-1-2	1-0-1	0-1-1
No. 10 CONDUCTOR										
LIGHTING		2		2	2	2	2	2	2	2
No. 6 CONDUCTOR										
SIGNAL			2							
DETECTOR LEAD-IN CABLE (DLC)										
ø2 SAMPLERS			3	3	3					
ø6 SAMPLERS	3 / 1⁻	3 / 1⁻	3 / 1⁻							
ø1 DETECTORS			1⁻	1⁻	1⁻	1⁻				
ø2 DETECTORS	1⁻	1⁻	1⁻							
ø4 DETECTORS			2⁻	2⁻	2⁻	2⁻	2⁻	2⁻	2⁻	
ø5 DETECTORS	1⁻	1⁻	1⁻							
ø6 DETECTORS			1⁻	1⁻	1⁻	1⁻				
ø8 DETECTORS			3⁻							
TOTAL DLC	2	2	5	3	3					
EVP CABLE		1	4	3	3	2	2	2	1	1
VIDEO DETECTION CABLE		1⁺	4⁺	3⁺	3⁺	2⁺	2⁺	2⁺	1⁺	1⁺
SIC CABLE	1	1	1	1	1	1				
CONDUIT SIZE (INCHES)	3"	3"	2-4"	4"	4"	3"	3"	3"	3"	3"
% FILL	13	22	22	32	28	31	29	36	16	21

"+" = ADD NEW CONDUCTORS/CABLES
"-" = REMOVE EXISTING CONDUCTORS/CABLES

POLE AND EQUIPMENT SCHEDULE

STANDARD MAST ARM				VEHICLE SIGNAL HEADS			PED SIGNAL MOUNTING	APS		LED LUMINAIRE (WATTS)	REMARKS
Loc	TYPE	SIG	LUM	ø	SIZE	MTG		ø	ARROW		
(a)	EXISTING 29-5-80	55'	15'	5	A	MAS	SP-1-T			107	SEE NOTE 3 ON SHEET E-14.
				2	12	MAS					
				2	12	SV-1-T					
(b)	EXISTING 1-B			4	12	TV-2-T		2	→		
				8	8						
(c)	EXISTING 26-4-80	40'	15'	4	12	MAS	SP-1-T	2	←	107	SEE NOTE 3 ON SHEET E-14.
				4	12	MAS					
				4	8	SV-1-T					
(d)	EXISTING 1-B			1	A	TV-2-T	SP-1-T	4	→		
				2	12						
(e)	EXISTING 29-5-80	55'	15'	1	A	MAS				107	SEE NOTE 3 ON SHEET E-14.
				6	12	MAS					
				6	12	SV-1-T					
(f)	EXISTING PBA POST							4	→		
(g)	EXISTING 1-B			4	12	TV-2-T	SP-1-T				
				8	8						
(h)	EXISTING 26-4-80	40'	15'	8	12	MAS				107	SEE NOTE 3 ON SHEET E-14.
				8	12	MAS					
				8	8	SV-1-T					
(i)	EXISTING 1-B			5	A	TV-2-T					
				6	12						

A = 3-12" ARROW HEAD SECTIONS

SENSOR TABLE

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

E-15

DIG ALERT: CALL BEFORE YOU DIG — 800-642-2444 — UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — K. DANIEL YAU — No. 44611 — Exp. 3/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: NO SCALE
ORIGINAL DRAWING SCALE: 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366-8000 FAX: (916) 366-8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT

SIGNAL AND LIGHTING
(AIRPORT WY/INDUSTRIAL DR)

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

DATE	1-12-2023
HORIZONTAL DATUM	CCS83, ZONE 3
VERTICAL DATUM	NAVD88
KSN PROJECT FILE NO.	2407-0010
SCALE:	NO SCALE
DESIGNED BY:	C.L.
DRAWN BY:	C.L.
CHECKED BY:	K.C.
RECORD DWG:	

APPROVED BY: DATE: 5/1/23
CITY ENGINEER
STOCKTON, CALIF.

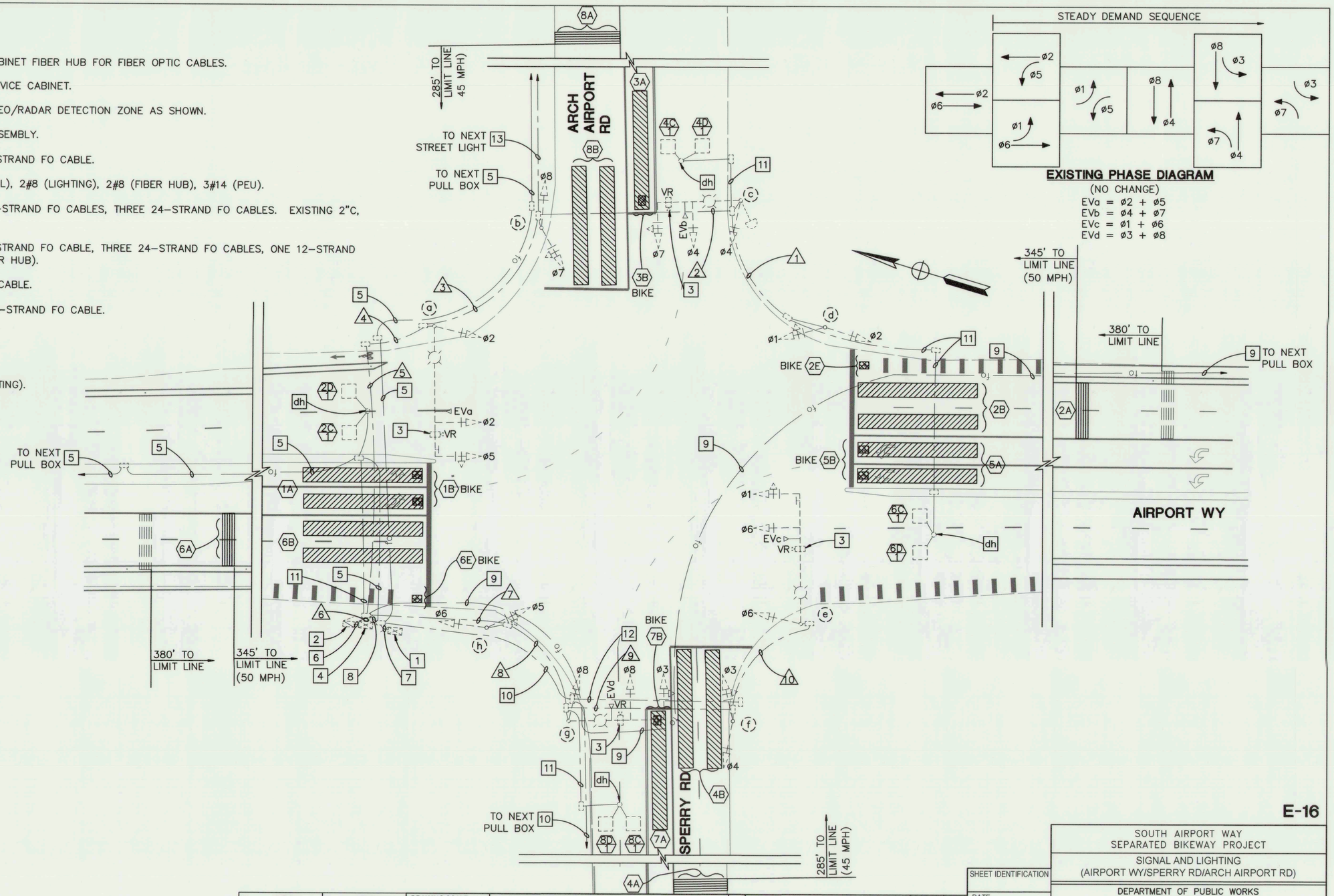
SHEET NO. 50
OF 54 SHTS
PROJECT NO. PW1808

5532.49C

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 - 2:58pm

PROJECT NOTES:

1. EXISTING MODEL 332L CABINET FIBER HUB FOR FIBER OPTIC CABLES.
2. EXISTING TYPE III–AF SERVICE CABINET.
3. REPROGRAM EXISTING VIDEO/RADAR DETECTION ZONE AS SHOWN.
4. EXISTING CONTROLLER ASSEMBLY.
5. EXISTING 2½"C, ONE 48–STRAND FO CABLE.
6. EXISTING 2"C, 2#6 (SIGNAL), 2#8 (LIGHTING), 2#8 (FIBER HUB), 3#14 (PEU).
7. EXISTING 2–3"C, TWO 12–STRAND FO CABLES, THREE 24–STRAND FO CABLES. EXISTING 2"C, 2#8 (FIBER HUB).
8. EXISTING 2½"C, ONE 48–STRAND FO CABLE, THREE 24–STRAND FO CABLES, ONE 12–STRAND FO CABLE AND 2#8 (FIBER HUB).
9. EXISTING 12–STRAND FO CABLE.
10. EXISTING 2½"C, THREE 48–STRAND FO CABLE.
11. EXISTING 2"C, 2 DLC.
12. EXISTING 2½"C, PT.
13. EXISTING 1½"C, 2#8 (LIGHTING).



E-16

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 – 2:38pm

CALL BEFORE YOU DIG — 811 — UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER: K. DANIEL YAU, No. 44611, Exp. 3/31/24, CIVIL, STATE OF CALIFORNIA, REGISTERED PROFESSIONAL ENGINEER — 1-12-2023

PROJECT ENGINEER: KIN Y. CHAN, No. 55391, Exp. 12/31/24, CIVIL, STATE OF CALIFORNIA, REGISTERED PROFESSIONAL ENGINEER — 1-12-2023

DRAWING SCALE: 1" = 20'
ORIGINAL DRAWING SCALE: 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366–8000 FAX: (916) 366–8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION	SOUTH AIRPORT WAY SEPARATED BIKEWAY PROJECT SIGNAL AND LIGHTING (AIRPORT WY/SPERRY RD/ARCH AIRPORT RD)
DATE 1-12-2023	DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA
HORIZONTAL DATUM CCS83, ZONE 3	SCALE: 1"=20' — APPROVED BY: — DATE: 1/10/23 — SHEET NO. 51
VERTICAL DATUM NAVD88	DESIGNED BY: C.L. — OF 54 SHTS
KSN PROJECT FILE NO. 2407-0010	DRAWN BY: C.L. — PROJECT NO. PW1808
	CHECKED BY: K.C. — CITY ENGINEER STOCKTON, CALIF.
	RECORD DWG:

5532.50C

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
3-12-28 WIRE CONDUCTOR CABLE	POLE a				1-1-0	1-1-0	1-1-0				
	POLE b			1-1-0	1-1-0	1-1-0	1-1-0				
	POLE c		1-0-1	1-0-1	1-0-1	1-0-1	1-0-1				
	POLE d	1-1-0	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	1-1-0	1-1-0
	POLE f						1-1-0	1-1-0	1-1-0	1-1-0	
	POLE g						1-1-0	1-1-0	1-1-0		
	POLE h						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)											
ø2 SAMPLERS							2				
ø4 SAMPLERS			2	2	2	2	2				
ø6 SAMPLERS		2	2	2	2	2	2				
ø8 SAMPLERS							2	2	2	2	
TOTAL DLC		2	4	4	4	4	8	2	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				
CONDUIT SIZE (INCHES)		3"	4"	4"	4"	4"	2-3"	4"	4"	3"	3"
% FILL		10	18	23	30	30	49	26	26	22	14

POLE AND EQUIPMENT SCHEDULE

STANDARD MAST ARM				VEHICLE SIGNAL HEADS			PED SIGNAL MOUNTING	APS		LED LUMINAIRE (WATTS)	REMARKS
Loc	TYPE	SIG	LUM	ø	SIZE	MTG		ø	ARROW		
(a)	EXISTING 29-5-70	55'	15'	5	A	MAS				107	SEE NOTE 3 ON SHEET E-16.
				2	12	MAS					
				2	12	SV-1-T					
(b)	EXISTING 1-B			7	A	TV-2-T					
				8	12						
(c)	EXISTING 26-4-80	35'	15'	7	A	MAS				107	SEE NOTE 3 ON SHEET E-16.
				4	12	MAS					
				4	12	SV-1-T					
(d)	EXISTING 1-B			1	A	TV-2-T					
				2	12						
(e)	EXISTING 29-5-70	55'	15'	1	A	MAS				107	SEE NOTE 3 ON SHEET E-16.
				6	12	MAS					
				6	12	SV-1-T					
(f)	EXISTING 1-B			3	A	TV-2-T					
				4	12						
(g)	EXISTING 26-4-80	40'	15'	3	A	MAS				107	SEE NOTE 3 ON SHEET E-16.
				8	12	MAS					
				8	12	SV-1-T					
(h)	EXISTING 1-B			5	A	TV-2-T					
				6	12						

A = 3-12" ARROW HEAD SECTIONS

SENSOR TABLE

	DETECTOR CHANNEL	ASSIGNED PHASE	NOTE
1	1	1A	CALL
	2	2A	RADAR ADVANCE
	3	3A	CALL
	4	4A	RADAR ADVANCE
2	5	5A	CALL
	6	6A	RADAR ADVANCE
	7	7A	CALL
	8	8A	RADAR ADVANCE
3	9	2B	CALL
	10	4B	CALL
	11	6B	CALL
	12	8B	CALL
4	13	1B	BIKE
	14	2E	BIKE
	15	3B	BIKE
	16	5B	BIKE
5	17	6E	BIKE
	18	7B	BIKE
	19		
	20		
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

E-17

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\112319ig.dwg
PLOT DATE: Jan 17, 2023 - 2:58pm

CALL BEFORE YOU DIG 1-800-642-2444 TOLL FREE UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — K. DANIEL YAU — No. 44611 — Exp. 3/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: NO SCALE
ORIGINAL DRAWING SCALE: 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366-8000 FAX: (916) 366-8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION
DATE 1-12-2023
HORIZONTAL DATUM CCS83, ZONE 3
VERTICAL DATUM NAVD88
KSN PROJECT FILE NO. 2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT
SIGNAL AND LIGHTING
(AIRPORT WY/SPERRY RD/ARCH AIRPORT RD)
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: NO SCALE
DESIGNED BY: C.L.
DRAWN BY: C.L.
CHECKED BY: K.C.
RECORD DWG:

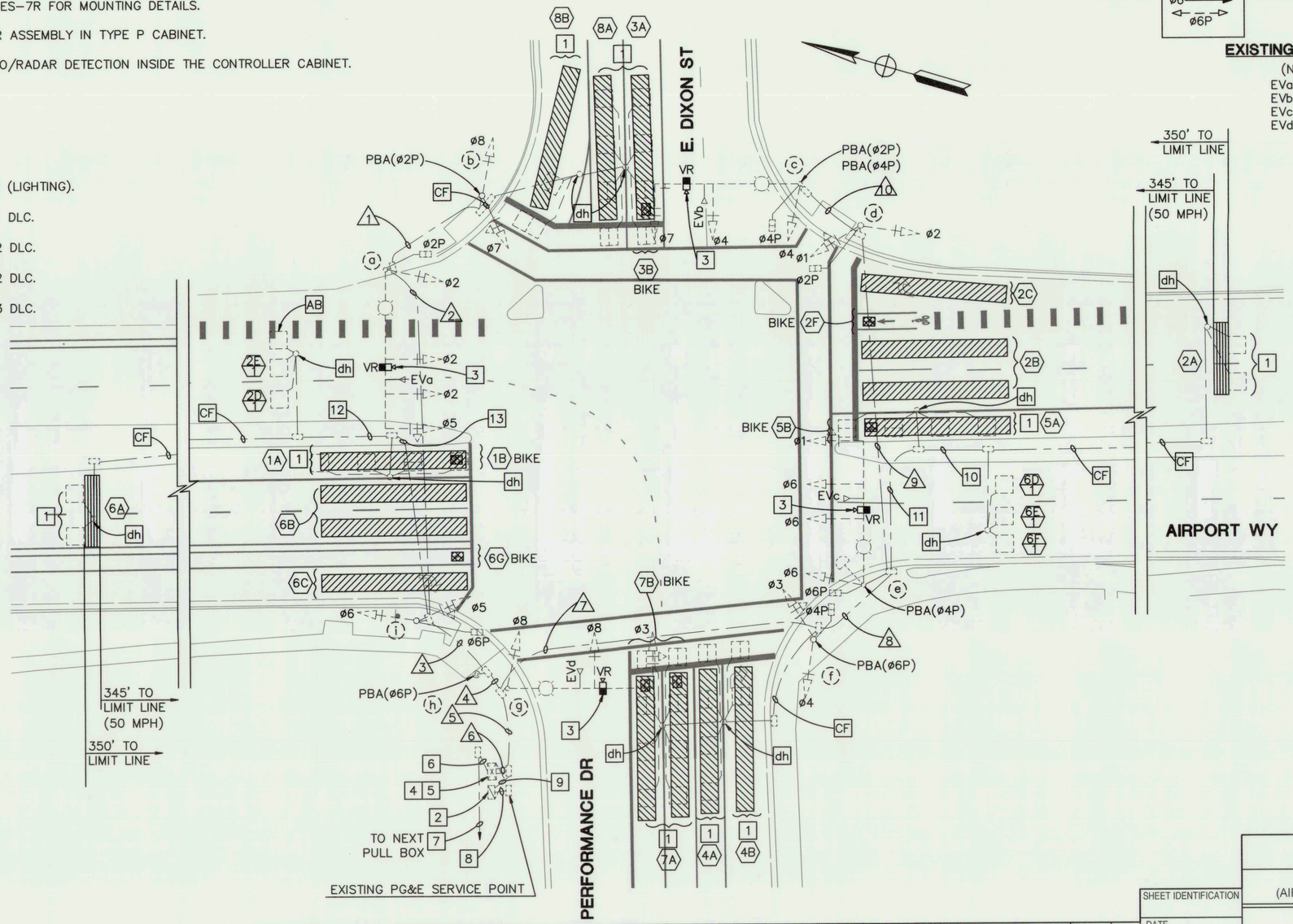
APPROVED BY: DATE: 4/10/23
CITY ENGINEER
STOCKTON, CALIF.

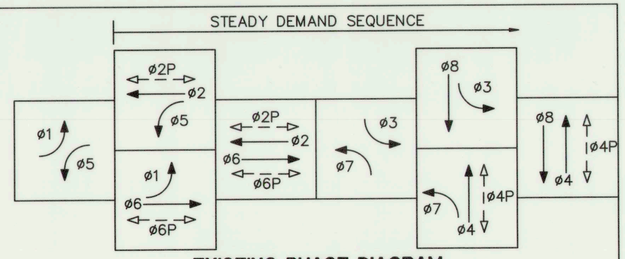
SHEET NO. 52
OF 54 SHTS
PROJECT NO. PW1808

5532.51C

PROJECT NOTES:

1. DISCONNECT EXISTING DETECTOR LOOPS. EXISTING DETECTOR LOOPS AND HANDHOLES. TO REMAIN IN PLACE.
2. EXISTING TYPE III–AF SERVICE CABINET WITH TYPE V PEU.
3. INSTALL VIDEO/RADAR DETECTOR SENSOR TO SMA PER MANUFACTURER'S RECOMMENDATION. SEE CALTRANS STANDARD PLAN ES–7R FOR MOUNTING DETAILS.
4. EXISTING TYPE 2070 CONTROLLER ASSEMBLY IN TYPE P CABINET.
5. INSTALL CONTROL UNIT FOR VIDEO/RADAR DETECTION INSIDE THE CONTROLLER CABINET.
6. EXISTING 2"C, PT.
7. EXISTING 2½"C, PT.
8. EXISTING 2"C, 3#2 (SERVICE).
9. EXISTING 2"C, 2#8 (SIGNAL), 4#8 (LIGHTING).
10. EXISTING 2"C, 4 DLC. REMOVE 1 DLC.
11. EXISTING 3"C, 5 DLC. REMOVE 2 DLC.
12. EXISTING 2"C, 4 DLC. REMOVE 2 DLC.
13. EXISTING 2"C, 5 DLC. REMOVE 3 DLC.





EXISTING PHASE DIAGRAM

(NO CHANGE)

EVa = ø2 + ø5
EVb = ø4 + ø7
EVc = ø1 + ø6
EVd = ø3 + ø8

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 – 2:58pm

CALL BEFORE YOU DIG — UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — K. DANIEL YAU — No. 44611 — Exp. 3/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: 1" = 20'

ORIGINAL DRAWING SCALE: 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366–8000 FAX: (916) 366–8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION

DATE 1-12-2023

HORIZONTAL DATUM CCS83, ZONE 3

VERTICAL DATUM NAVD88

KSN PROJECT FILE NO. 2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT

SIGNAL AND LIGHTING
(AIRPORT WY/PERFORMANCE DR/E. DIXON ST)

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: 1"=20'
DESIGNED BY: C.L.
DRAWN BY: C.L.
CHECKED BY: K.C.
RECORD DWG:

APPROVED BY: DATE: 1/19/23
CITY ENGINEER
STOCKTON, CALIF.

SHEET NO. 53
OF 54 SHTS
PROJECT NO. PW1808

E-18

5532.52C

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
3-12-28 WIRE CONDUCTOR CABLE	POLE a		0-0-1	0-0-1	0-0-1	0-0-1	0-0-1				
	POLE b	1-1-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0				
	POLE c					2-0-1	2-0-1	2-0-1	2-0-1	2-0-1	2-0-1
	POLE d										0-1-0
	POLE e					1-0-1	1-0-1	1-0-1	1-0-1		
	POLE f					1-0-0	1-0-0	1-0-0	1-1-0		
	POLE g					0-0-1	0-0-1				
	POLE h				1-0-0	1-0-0	1-0-0				
	POLE i			0-1-0	0-1-0						
TOTAL CABLE		1-1-0	1-0-1	1-1-1	2-1-1	6-0-4	6-0-4	4-0-2	4-1-2	2-0-1	2-1-1
No. 8 CONDUCTOR											
LIGHTING			2	2	2	4		2	2	2	
SERVICE							2				
DETECTOR LEAD-IN CABLE (DLC)											
ø1				1⁻	1⁻	1⁻	1⁻				
ø2						1⁻	1⁻	1⁻	1⁻		
ø3	1⁻	1⁻	1⁻	1⁻		1⁻	1⁻				
ø4						2⁻	2⁻	2⁻			
ø5						1⁻	1⁻	1⁻	1⁻		
ø6			1⁻	1⁻		1⁻	1⁻				
ø7						2⁻	2⁻	2⁻			
ø8	2⁻	2⁻	2⁻	2⁻		2⁻	2⁻				
ø2 SAMPLERS			3 1⁻	3 1⁻		3 1⁻	3 1⁻				
ø6 SAMPLERS						3	3	3	3		
TOTAL DLC			2	2		5	5	3	3		
EVP CABLE		1	1	1		4	4	2	2	1	1
CAT 5E (VIDEO DETECTION CABLE)		1⁺	1⁺	1⁺		4⁺	4⁺	2⁺	2⁺	1⁺	1⁺
CCTV CABLE						1	1	1	1		
CONDUIT SIZE (INCHES)		3"	3"	4"	4"	2-4"	2-4"	2-3"	4"	3"	3"
% FILL		9	16	15	15	21	21	18	26	18	23

"+" = ADD NEW CONDUCTORS/CABLES
"-" = REMOVE EXISTING CONDUCTORS/CABLES

POLE AND EQUIPMENT SCHEDULE

Loc	STANDARD MAST ARM TYPE	SIG	LUM	VEHICLE SIGNAL HEADS ø	SIZE	MTG	PED SIGNAL MOUNTING	PBA ø	PBA ARROW	LED LUMINAIRE (WATTS)	REMARKS
(a)	EXISTING 29-5-80	55'	15'	5	A	MAS	SP-1-T			107	SEE NOTE 3 ON SHEET E-18.
				2	12	MAS					
				2	12	MAS					
				2	8	SV-1-T					
(b)	EXISTING 1-B			7	A	TV-2-T		2	→		
				8	8						
(c)	EXISTING 29-5-80	55'	15'	7	A	MAS	SP-1-T	2	←	107	SEE NOTE 3 ON SHEET E-18.
				4	12	MAS		4	←		
				4	8	SV-1-T					
(d)	EXISTING 1-B			1	A	TV-2-T	SP-1-T				
				2	8						
(e)	EXISTING 29-5-80	55'	15'	1	A	MAS	SP-1-T	4	←	107	SEE NOTE 3 ON SHEET E-18.
				6	12	MAS					
				6	12	MAS					
				6	8	SV-1-T					
(f)	EXISTING 1-B			3	A	TV-2-T	SP-1-T	6	→		
				4	8						
(g)	EXISTING 29-5-80	50'	15'	3	A	MAS				107	SEE NOTE 3 ON SHEET E-18.
				8	12	MAS					
				8	8	SV-1-T					
(h)	EXISTING PBA POST							6	←		
(i)	EXISTING 1-B			5	A	TV-2-T	SP-1-T				
				6	8						

A = 3-12" ARROW HEAD SECTIONS

SENSOR TABLE

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

E-19

FILE SPEC: O:\Project\2019\112319 South Airport Way Separated Bikeway\1123Sig.dwg
PLOT DATE: Jan 17, 2023 - 2:59pm

CALL BEFORE YOU DIG 1-800-227-2600 811 UNDERGROUND SERVICE ALERT

PRINCIPAL ENGINEER — REGISTERED PROFESSIONAL ENGINEER — K. DANIEL YAU — No. 44611 — Exp. 3/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

PROJECT ENGINEER — REGISTERED PROFESSIONAL ENGINEER — KIN Y. CHAN — No. 55391 — Exp. 12/31/24 — CIVIL — STATE OF CALIFORNIA — 1-12-2023

DRAWING SCALE: NO SCALE
ORIGINAL DRAWING SCALE: 0 ½" 1"

Y&C TRANSPORTATION CONSULTANTS, INC.
3250 RAMOS CIRCLE
SACRAMENTO, CA 95827
(916) 366-8000 FAX: (916) 366-8008

NO.	DESCRIPTION	DATE	APPR.

SHEET IDENTIFICATION
DATE 02-14-2022
HORIZONTAL DATUM CCS83, ZONE 3
VERTICAL DATUM NAVD88
KSN PROJECT FILE NO. 2407-0010

SOUTH AIRPORT WAY
SEPARATED BIKEWAY PROJECT
SIGNAL AND LIGHTING
(AIRPORT WY/PERFORMANCE DR/E. DIXON ST)
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: NO SCALE
DESIGNED BY: C.L.
DRAWN BY: C.L.
CHECKED BY: K.C.
RECORD DWG:

APPROVED BY: DATE: 4/10/23
CITY ENGINEER
STOCKTON, CALIF.

SHEET NO. 54
OF 54 SHTS
PROJECT NO. PW1808

5532.53C