PS-08-2967(T)

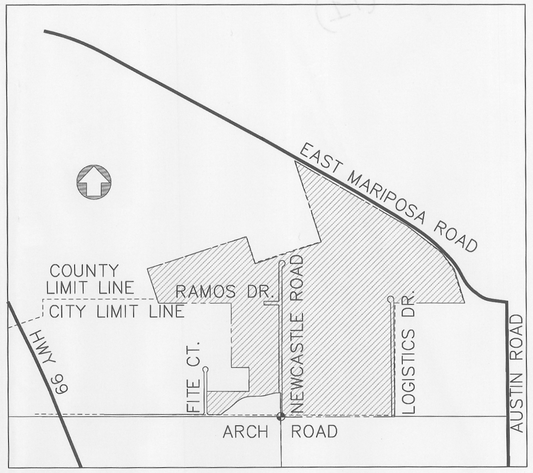
OPUS LOGISTICS CENTER
TRAFFIC SIGNAL PLANS

CITY OF STOCKTON
DEPARTMENT OF PUBLIC WORKS

LEGEND AND ABBREVIATIONS:

FOR LEGEND AND ABBREVIATIONS NOT SHOWN HERE, SEE CALTRANS STANDARD PLANS DATED MAY 2006, SHEETS A10A, A10B, ES-1A, ES-1B, AND ES-1C.

EXISTING		PROPOSED
ev	EMERGENCY VEHICLE PRE-EMPTION	EV
	DETECTOR DESIGNATION (TYP) / NUMBER LOOPS (TYP)	8A / 4
	TRAFFIC MONITORING CAMERA WITH PAN-TILT-ZOOM FUNCTION	



VICINITY MAP
N.T.S.

GENERAL NOTES

1. THESE PLANS ARE HEREBY MADE PART OF THE CONTRACT SPECIFICATIONS FOR THIS PROJECT.
2. ALL WORK AND MATERIAL EMBRACED IN THIS PROJECT SHALL BE DONE IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE CITY OF STOCKTON, DEPT. OF PUBLIC WORKS, STANDARD SPECIFICATIONS AND PLANS, AND THE CALTRANS STANDARD PLANS AND SPECIFICATIONS, MAY 2006, AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS OF THIS PROJECT.
3. POLES, PULL BOXES, DETECTOR HAND HOLES, DETECTOR LOOPS AND CONTROLLER CABINET LOCATIONS SHALL BE LOCATED IN THE FIELD BY THE ENGINEER WITH THE APPROVAL OF THE CITY TRAFFIC ENGINEER. TYPICALLY, DETECTOR HANDHOLES SHOULD BE INSTALLED ON LANE LINES.
4. CONTRACTOR SHALL RETURN ALL EXISTING & SALVAGEABLE EQUIPMENT AND SIGNS TO THE CITY OF STOCKTON CORPORATION YARD AT 1465 SOUTH LINCOLN STREET, STOCKTON, CALIFORNIA, 95206. CONTRACTOR SHALL NOTIFY THE CORP. YARD (DENNIS KONG) AT (209)937-8534 A MINIMUM OF 72 HOURS IN ADVANCE OF DELIVERY.
5. CONTRACTOR SHALL BACKFILL WITH CUTBACK EACH NIGHT ANY AREAS NOT COMPLETED TO IT'S FINISHED STATE. ALL EXCAVATED AREAS SHALL BE PROTECTED FROM PEDESTRIAN AND VEHICULAR TRAFFIC AT ALL TIMES.
6. 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.
7. ALL PULL BOXES SHALL BE STATE STANDARD NUMBER 5 UNLESS OTHERWISE NOTED ON PLAN.
8. THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY P.G. & E, PAC BELL,. AND OTHER UTILITY COMPANIES PRIOR TO START OF WORK. THE CONTRACTOR SHALL CALL USA (800-227-2600) 48 HOURS PRIOR TO ANY EXCAVATION.
9. CONDUITS RUNNING FROM PULL BOX TO HAND HOLE AND HAND HOLE TO HAND HOLE SHALL BE A MINIMUM 2" DIA. UNLESS OTHERWISE NOTED.
10. THE CONTRACTOR SHALL CONTACT THE CITY OF STOCKTON AT 937-8282 FOR A PRE-CONSTRUCTION CONFERENCE AFTER THE AWARD OF CONTRACT AND AT LEAST 72 HOURS IN ADVANCE OF WORK.
11. LABEL PEDESTRIAN AND SIGNAL COMMONS SEPARATELY IN THE CONTROLLER CABINET.
12. FLASHING INDICATIONS SHALL FLASH IN RED ON ALL PHASES.
13. CONTRACTOR SHALL, BY HAND, POTHOLE EXISTING UTILITIES TO VERIFY LOCATION PRIOR TO CONSTRUCTION. CONTRACTOR SHALL POTHOLE SIGNAL FOUNDATION LOCATIONS BEFORE DRILLING FOUNDATIONS.
14. ALL NEW VEHICLE SIGNAL INDICATIONS SHALL BE LIGHT EMITTING DIODE (LED) DISPLAY WITH IN-LINE FUSE.
15. THESE PLANS SHALL BE ACCOMPANIED BY SEPARATE SET OF SPECIAL PROVISIONS.
16. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK CALLED FOR ON THESE PLANS UNTIL THE CITY ENGINEER'S SIGNATURE OF APPROVAL IS AFFIXED HEREON AND ALL APPLICABLE PERMITS HAVE BEEN OBTAINED. AN APPROVED SET OF PLANS SHALL BE ON THE JOB SITE DURING ANY CONSTRUCTION.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ALL CONFLICTS, ERRORS, OMISSIONS, ETC. TO THE ENGINEER IMMEDIATELY UPON DISCOVERY. IF SO DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL STOP WORK UNTIL REMEDIAL ACTION CAN BE TAKEN. ANY COSTS RESULTING FROM THE CONTRACTOR'S FAILURE TO REPORT OR FAILURE TO STOP WORK AS DIRECTED WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
18. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
19. THE CONTRACTOR SHALL MAKE AN ON-SITE INSPECTION PRIOR TO PROVIDING ANY BIDS TO DETERMINE ANY AND ALL ITEMS NECESSARY TO PERFORM A COMPLETE AND ACCEPTABLE JOB.
20. THE LOCATIONS OF ALL UNDERGROUND FACILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL UNDERGROUND FACILITIES; HOWEVER, THE ENGINEER ASSUMES NO LIABILITY FOR THE ACCURACY OR COMPLETENESS OF THE EXISTING FACILITIES SHOWN HEREON OR FOR THE EXISTENCE OF OTHER UNDERGROUND UTILITIES OR OBJECTS WHICH MAY BE DISCOVERED BUT ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING FACILITIES AND IMMEDIATELY NOTIFY THE ENGINEER IF ANY SUCH FACILITIES INTERFERE WITH THE CONSTRUCTION OF IMPROVEMENTS. CALL U.S.A. 1-800-227-2600. THE CONTRACTOR SHALL STOP WORK AROUND THE AREA OF CONFLICT UNTIL HE IS DIRECTED BY THE ENGINEER TO CONTINUE.
21. CONDUIT ROUTING SHOWN IS ESSENTIALLY DIAGRAMMATIC. CONTRACTOR SHALL LAYOUT RUNS TO SUIT FIELD CONDITIONS AND THE COORDINATION REQUIREMENTS OF UTILITIES OR ANY OTHER TRADES, AND TO THE SATISFACTION OF THE CITY OF STOCKTON. UPON COMPLETION OF CONDUIT INSTALLATION, THE ACTUAL LOCATION OF THE CONDUITS SHALL BE NOTED ON AN AS-BUILT SET OF PRINTS AND FURNISHED TO THE CITY. CONDUIT RUNS OVER 360-DEGREES ARE NOT ACCEPTABLE.
22. CONTRACTOR SHALL INSTALL ONE PHOTO ELECTRIC CONTROL UNIT IN SERVICE CABINET.
23. ALL VEHICLE TRAFFIC SIGNAL HEADS INDICATIONS SHALL BE 12 INCHES. ALL SIGNAL HEADS SHALL HAVE VENTILATED BACK PLATES.
24. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE STATE WATER RESOURCES CONTROL BOARD (SWRCB) ORDER NO. 99-08-DWQ. THE CONTRACTOR SHALL IMPLEMENT AND MONITOR A STORM WATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH THE SWCRB REGULATIONS.
25. ATTENTION IS CALLED TO: SECTION 1540(A) (1) OF THE CONSTRUCTION SAFETY ORDERS (TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 1540), ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973, AS AMENDED, WHICH STATES:

    "PRIOR TO OPENING AN EXCAVATION, EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATION I.E., SEWER, WATER, FUEL, ELECTRIC LINES, ETC., WILL BE ENCOUNTERED AND, IF SO, WHETHER SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING AND WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE EXISTING INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION."

26. THE CONTRACTOR SHALL NOTIFY THE CITY OF STOCKTON CORPORATION YARD (SIGNAL SHOP) AT (209) 937-8534 A MINIMUM OF 72 HOURS IN ADVANCE OF THE LAY OUT AND CUTTING OF TRAFFIC SIGNAL LOOPS.
27. THE CONTRACTOR SHALL MEET G.O. 95 REQUIREMENTS AND LOCATE FOUNDATION SO AS TO PROVIDE A MINIMUM OF 6' RADIAL CLEARANCE FROM ALL EQUIPMENT TO OVER HEAD POWER LINE (PRIMARY) AND 3' RADIAL CLEARANCE TO COMMON NEUTRAL LINE. POLE HEIGHT AND LOCATION ARE INTENDED TO PROVIDE 10' OF RADIAL CLEARANCE TO PRIMARY LINES. CONTRACTOR SHALL CONTACT PG&E FOR ANY WORK TO BE DONE WITHIN 10' RADIAL CLEARANCE ZONE. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH WORKING WITHIN THE 10' RADIAL CLEARANCE ZONE.
28. THE CONTRACTOR IS REQUIRED TO TAKE ALL DUE PRECAUTIONARY MEASURES FOR THE PROTECTION OF ALL EXISTING IMPROVEMENTS AND UTILITIES, WHETHER OR NOT SHOWN ON THESE PLANS. ANY RESULTING DAMAGE DURING THE PERFORMANCE OF THE WORK SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE CITY OF STOCKTON AT THE CONTRACTOR'S EXPENSE.
29. ALL PEDESTRIAN SIGNAL INDICATIONS SHALL BE LIGHT EMITTING DIODE (LED) TYPE WITH COUNTDOWN.
30. CONTRACTOR SHALL FURNISH AND INSTALL AUDIBLE PEDESTRIAN SYSTEM.

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FOR PLANCHECK REVIEW ONLY
NOT FOR CONSTRUCTION

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

REGISTERED PROFESSIONAL ENGINEER LANNE L. LUCKING 63094 EXP. 6/30/10 CIVIL STATE OF CALIFORNIA
PRELIMINARY NOT FOR CONSTRUCTION

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TRANSPORTATION CONSULTANTS
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Roseville, CA • Los Angeles County, CA
San Jose, CA • Salt Lake City, UT
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Sacramento, CA • Denver, CO
Seattle, WA

IMPROVEMENT PLANS
OPUS LOGISTICS CENTER
TITLE SHEET
ARCH ROAD & LOGISTICS DRIVE

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

REVISION NO.	DESCRIPTION	DATE	BY	APPROVED

SCALE:	AS NOTED
DESIGNED BY:	RMW
DRAWN BY:	DD
CHECKED BY:	SLL
RECORD DWG:	

APPROVED BY: DATE:

CITY ENGINEER
STOCKTON, CALIFORNIA

SHEET NO. E-1 OF 8 SHEETS
PROJECT NO. A07567

Aug 29, 2008 CADD FILE: N:\Projects\SJ08_1021_Opus_Logistics_Center\CAD\Working_Drawings\Interim - Amend 1\1021_E1-TitleSht.dwg

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