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 LATEST EDITION OF THE CITY OF STOCKTON, DEPT. OF PUBLIC WORKS, STANDARD SPECIFICATIONS AND PLANS, THE LATEST EDITIONS OF CALTRANS STANDARD PLANS AND SPECIFICATIONS, THE CALIFORNIA MUTCD AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS OF THIS PROJECT.
3. POLES, PULL BOXES, DETECTOR HAND HOLES, INDUCTIVE 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 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.
5. ALL PULL BOXES SHALL BE STATE STANDARD NUMBER 5 UNLESS OTHERWISE NOTED ON PLAN.
6. THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY P.G. & E. AND OTHER UTILITY COMPANIES PRIOR TO START OF WORK. THE CONTRACTOR SHALL CALL USA (800-227-2600) 48 HOURS PRIOR TO ANY EXCAVATION.
7. CONDUITS RUNNING FROM PULL BOX TO HAND HOLE AND HAND HOLE TO HAND HOLE SHALL BE A MINIMUM 2" DIA. UNLESS OTHERWISE NOTED.
8. THE CONTRACTOR SHALL CONTACT THE CITY OF STOCKTON TRAFFIC ENGINEERING DIVISION (937-8381) FOR A PRE-CONSTRUCTION CONFERENCE AFTER THE AWARD OF CONTRACT AND AT LEAST 72 HOURS IN ADVANCE OF WORK.
9. LABEL PEDESTRIAN AND SIGNAL COMMONS SEPARATELY IN THE CONTROLLER CABINET.
10. CONTRACTOR SHALL, BY HAND, POTHOLE EXISTING UTILITIES TO VERIFY LOCATION PRIOR TO CONSTRUCTION.
11. ALL VEHICLE AND PEDESTRIAN INDICATIONS SHALL BE INTERNALLY FUSED LEDS.
12. THESE PLANS SHALL BE ACCOMPANIED BY SEPARATE SET OF SPECIAL PROVISIONS.
13. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK CALLED FOR ON THESE PLANS UNTIL ALL APPLICABLE PERMITS HAVE BEEN OBTAINED. AN APPROVED SET OF PLANS SHALL BE ON THE JOB SITE DURING ANY CONSTRUCTION.
14. 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.
15. 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.
16. 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.
17. 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, KD ANDERSON TRANSPORTATION ENGINEERS 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 CITY ENGINEER TO CONTINUE.
18. CONDUIT ROUTING SHOWN IS ESSENTIALLY DIAGRAMMATIC. CONTRACTOR SHALL LAY OUT 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.
19. CONTRACTOR SHALL INSTALL TYPE V PHOTO ELECTRIC CONTROL UNIT IN SERVICE CABINET.
20. ALL VEHICLE INDICATIONS SHALL BE 12 INCH. ALL SIGNAL HEADS SHALL HAVE VENTILATED BACK PLATES.
21. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE STATE WATER RESOURCES CONTROL BOARD (SWRCB) ORDER NO. 2009-0009-DWQ. THE CONTRACTOR SHALL IMPLEMENT AND MONITOR A STORM WATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH THE SWRCB REGULATIONS.
22. 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."

23. THE CONTRACTOR SHALL NOTIFY THE CITY OF STOCKTON CORPORATION YARD (SIGNAL SHOP) AT (209) 937-7406 A MINIMUM OF 72 HOURS IN ADVANCE OF THE LAYOUT AND CUTTING OF TRAFFIC SIGNAL LOOPS.
24. THE CONTRACTOR SHALL MARK LOOP LOCATIONS, LOOP WIRE RUNS AND DETECTOR HANDHOLES AND HAVE LOCATIONS APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
25. CONTRACTOR SHALL USE SONA-TUBE FOR POLE FOUNDATION INSTALLATION AT ANY LOCATIONS WHERE EXISTING UTILITIES ARE IMMEDIATELY ADJACENT TO FOUNDATION.
26. SIGNING, STRIPING, AND PAVEMENT MARKINGS SHALL BE IN STRICT CONFORMANCE WITH THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. (CA-MUTCD) 2012 EDITION AND CAL-TRANS STANDARD SPECIFICATIONS (LATEST EDITION) SECTION 84.
27. 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 STRIPES OR MARKINGS WHICH HAVE BEEN REMOVED. ANY CONFLICTING STRIPING SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR PRIOR TO REOPENING THE STREET TO TRAFFIC.

NOTE:
THESE PLANS ARE SUBJECT TO THE SPECIAL PROVISIONS FOR TRAFFIC SIGNALS AND SAFETY LIGHTING INSTALLATION AT LOWER SACRAMENTO ROAD / MARLETTE ROAD.

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY

LEGEND

- (E) — POLE DESIGNATION/LOCATION
- BA / 4 — DETECTOR DESIGNATION (TYP) / NUMBER LOOPS (TYP)
- EXISTING EQUIPMENT
- NEW EQUIPMENT
- D3 SIGN MOUNTED AT INTERSECTION OF POLE AND MAST ARM.
- DETECTOR HANDHOLE
- PULL BOX
- TRAFFIC SIGNAL CONDUIT

-SEE CALTRANS STANDARD PLANS ES-1A AND ES-1B FOR EXPLANATION OF OTHER SYMBOLS AND ABBREVIATIONS.
-REFER TO SIGNAL DETAIL SHEET FOR EQUIPMENT AND INSTALLATION DETAILS.

STANDARD NOTES

- RC — EQUIPMENT TO BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR.
- RS — REMOVE AND SALVAGE EQUIPMENT. REMOVE FOUNDATION.
- BC — INSTALL PULL BOX IN EXISTING CONDUIT RUN.
- RL — REMOVE AND RELOCATE EQUIPMENT.
- CC — CONNECT NEW AND EXISTING CONDUIT. INSTALL CONDUCTORS AS INDICATED.
- CB — INSTALL CONDUIT INTO EXISTING PULL BOX.
- AB — ABANDON EQUIPMENT. IF CONDUIT, REMOVE CONDUCTORS.
- DH — DETECTOR HANDHOLE.

REGISTERED PROFESSIONAL ENGINEER — KEVIN D. ANDERSON — No. 32774 — Exp. 6-30-14 — CIVIL — STATE OF CALIFORNIA

KD Anderson
Transportation Engineers
3853 Taylor Road, Suite G
Loomis, California 95650
(916)660-1555

TRAFFIC SIGNAL GENERAL NOTES

MARLETTE ROAD / LOWER SACRAMENTO ROAD INTERSECTION IMPROVEMENTS

REVISIONS

SYMBOL	DATE	DESCRIPTION	BY	APPROVED

DATE: 2/6/14

FILE NAME: MARLETTE & L SAC

MARLETTE ROAD / LOWER SACRAMENTO ROAD INTERSECTION IMPROVEMENTS

TRAFFIC SIGNAL GENERAL NOTES

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: NONE
DESIGNED BY: MB
DRAWN BY: MB
CHECKED BY: KDA
RECORD DWG:

APPROVED BY:
CITY ENGINEER, STOCKTON, CA.
DATE: 3/10/14

SHEET NO. TS-4 OF 15

JOB NO.

5202.1C