EP-07-136

DATUM CONTROL POINT DESCRIPTION

SOUTHWESTERLY BOLT (WITH A CHISELED "X") ON AN ELECTROLIER/TRAFFIC SIGNAL BASE.
AT THE NORTHWESTERLY CORNER OF MCALLEN RD. AND N. WILSON WAY IN NE STOCKTON. *REVISED 4/30
ERM 247
BM 360
EL=28.52

GENERAL GRADING NOTES

1. ALL CONSTRUCTION AND MATERIALS WITHIN THE COUNTY OF SAN JOAQUIN SHALL CONFORM TO THESE PLANS AND THE CURRENT IMPROVEMENT STANDARDS.

2. WRG ASSUMES THAT A FULL TIME TESTING AGENCY WILL BE CONTRACTED DURING THE CONSTRUCTION PHASE OF THE PROJECT TO CONFIRM SUBGRADE CONDITIONS PRIOR TO PLACING IMPROVEMENTS AS SHOWN IN THESE PLANS.

3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ELEVATIONS AND IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES.

4. TO MINIMIZE DUST / GRADING IMPACTS DURING CONSTRUCTION, THE APPLICANT SHALL:

– SPRAY WATER ON ALL EXPOSED EARTH SURFACES DURING CLEARING, GRADING, EARTH MOVING, AND OTHER SITE PREPARATION ACTIVITIES THROUGHOUT THE DAY TO MINIMIZE DUST.

– USE TARPAULINS OR OTHER EFFECTIVE COVERS ON ALL STOCKPILED EARTH MATERIAL AND ON ALL HAUL TRUCKS TO MINIMIZE DUST.

– ENSURE THAT CONSTRUCTION VEHICLES ARE CLEANED PRIOR TO LEAVING THE CONSTRUCTION SITE TO PREVENT DUST AND DIRT FROM BEING TRACKED OFF-SITE.

– THE COUNTY SHALL HAVE THE AUTHORITY TO STOP ALL GRADING OPERATIONS, IF IN OPINION OF COUNTY STAFF, INADEQUATE DUST CONTROL OR EXCESSIVE WIND CONDITIONS CONTRIBUTE TO FUGITIVE DUST EMISSIONS.

5. EXISTING GRADES SHOWN SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. (THIS INCLUDES MATCH POINTS OR POINTS SHOWN AS EXISTING.) CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

6. LOCATION OF EXISTING UTILITIES ARE BASED ON AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION AND INFORM THE ENGINEER OF ANY DISCREPANCIES IN THE PLANS. CALL FOR LOCATES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACT. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED. ALL SECTIONS OF THE CURRENT COUNTY OF SAN JOAQUIN STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL APPLY.

8. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN STREET USE AND OTHER RELATED OR REQUIRED PERMITS PRIOR TO ANY CONSTRUCTION ACTIVITY IN THE JURISDICTION'S RIGHT-OF-WAY. IT SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS PRIOR TO ANY CONSTRUCTION.

9. NO FINAL CUT OR FILL SLOPE SHALL EXCEED THREE (2) HORIZONTAL TO ONE (1) VERTICAL WITHOUT STABILIZATION BY STRUCTURAL RETAINING WALL.

10. CONTRACTOR SHALL BE RESPONSIBLE FOR THE RECONSTRUCTION OF ANY DAMAGED UTILITIES.

GENERAL GRADING NOTES CON'T:

11. IF IT IS NECESSARY TO INTERRUPT EXISTING SURFACE DRAINAGE, SEWERS OR UNDERDRAINAGE, CONDUITS, UTILITIES, OR SIMILAR UNDERGROUND STRUCTURES, OR PARTS THEREOF, THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT AND PRESERVE OR PROVIDE TEMPORARY SERVICES. WHEN SUCH FACILITIES ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER, WHO SHALL ARRANGE FOR THEIR REMOVAL, IF NECESSARY. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, SATISFACTORILY REPAIR ALL DAMAGE TO SUCH FACILITIES OR STRUCTURES WHICH MAY RESULT FROM ANY OF HIS OPERATIONS DURING THE PERIOD OF THE CONTRACT.

12. EXCAVATION SHALL BE PERFORMED AS INDICATED ON THE PLANS TO THE LINES, GRADES, AND ELEVATIONS SHOWN, OR AS DIRECTED BY THE ENGINEER, AND SHALL BE MADE SO THAT THE REQUIREMENTS FOR FORMATION OF EMBANKMENTS CAN BE FOLLOWED. UNLESS OTHERWISE SPECIFIED, NO EXCAVATION OR STRIPPING SHALL BE STARTED UNTIL THE ENGINEER HAS STAKED OUT THE PROPOSED WORK. ALL MATERIAL ENCOUNTERED WITHIN THE LIMITS INDICATED SHALL BE REMOVED AND DISPOSED OF AS DIRECTED. DURING THE PROCESS OF EXCAVATION, THE SITE SHALL BE MAINTAINED SO THAT IT WILL BE WELL DRAINED AT ALL TIMES. WHEN DIRECTED, TEMPORARY DRAINS AND DRAINAGE DITCHES SHALL BE INSTALLED TO INTERCEPT OR DIVERT SURFACE WATER WHICH MAY AFFECT THE WORK.

13. ANY DAMAGE CAUSED BY THE CONTRACTOR OR HIS SUBCONTRACTORS AFTER THE SUBGRADE HAS BEEN APPROVED SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

14. CONTRACTOR SHALL REMAIN WITHIN WORK AREA AS SHOWN ON PLAN. CONTRACTOR SHALL NOT DISTURB VEGETATION OUTSIDE DESIGNATED WORK AREA. NECESSARY STAGING SHALL BE DONE WITHIN THE WORK AREA.

15. ANY CONSTRUCTION ACTIVITY THAT RESULTS IN THE DISTURBANCE OF 1 ACRE OF SOIL SHALL REQUIRE A SWPPP PLAN AND A WDID NUMBER ISSUED BY THE STATE WATER RESOURCE CONTROL BOARD.

16. ALL GRADING SHALL COMPLY WITH THE 2001 CBC CHAPTER 18 AND APPENDIX CHAPTER 33.

SAN JOAQUIN COUNTY STANDARD SPECIFICATIONS

GUARANTEE CLAUSE

THE COMPLETED PROJECT, INCLUDING ALL WORK, MATERIALS, DEVICES AND EQUIPMENT, SHALL BE GUARANTEED BY THE DEVELOPER AGAINST FAULTY WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE BY THE DIRECTOR OF PUBLIC WORKS. THE DEVELOPER SHALL BE RESPONSIBLE FOR ALL REPAIR AND/OR REPLACEMENTS INCLUDING ALL LABOR, MATERIALS, EQUIPMENT, DEVICES PLANT AND OTHER ITEMS OF WORK NECESSARY. TO SECURE THIS GUARANTEE, A BOND OR OTHER SECURITY SHALL BE PROVIDED IN THE AMOUNT OF 20% OF THE VALUE OF WORK ESTIMATED BY THE ENGINEER. SAID BOND SHALL CONTINUE IN FULL FORCE AND EFFECT FOR A PERIOD OF ONE YEAR FROM THE DATE OF THE FORMAL ACCEPTANCE OF THE WORK BY THE DIRECTOR OF PUBLIC WORKS OR BOARD OF SUPERVISORS.

INSPECTION DURING CONSTRUCTION

ANY IMPROVEMENTS CONSTRUCTED TO THESE SPECIFICATIONS AND WHICH IT IS INTENDED THAT THE COUNTY MAY ASSUME MAINTENANCE RESPONSIBILITY, MUST BE INSPECTED DURING CONSTRUCTION BY AN AUTHORIZED AGENT OF THE DEVELOPER AND DIRECTOR. EACH PHASE OF CONSTRUCTION MUST BE INSPECTED AND APPROVED PRIOR TO PROCEEDING TO THE SUBSEQUENT PHASES.

ANY IMPROVEMENTS CONSTRUCTED WITHOUT INSPECTION AS PROVIDED ABOVE OR CONSTRUCTED CONTRARY TO THE ORDERS OR INSTRUCTIONS OF THE AUTHORIZED AGENT OF THE DEVELOPER AND DIRECTOR WILL BE DEEMED AS NOT COMPLYING WITH SAN JOAQUIN COUNTY STANDARDS AND SPECIFICATIONS, AND WILL NOT BE ACCEPTED BY SAN JOAQUIN COUNTY FOR MAINTENANCE PURPOSES.

THE DEVELOPER WILL HAVE COMPACTION TESTS TAKEN ON ALL LOTS WHERE THE DEPTH OF FILL IS GREATER THAN SEVEN (7") INCHES AND WITHIN THE STREETS. RE-TESTS THAT ARE THE RESULT OF THE CONTRACTOR'S FAILURE TO COMPACT THESE AREAS AS REQUIRED WILL BE BORNE BY THE CONTRACTOR.

THE COUNTY DEPARTMENT OF PUBLIC WORKS WILL PERFORM FIELD INSPECTION FOR THIS PROJECT.

THE CIVIL ENGINEER, DIRECTOR AND DEVELOPER, OR THEIR AGENTS, SHALL AT ALL TIMES, HAVE ACCESS TO THE WORK DURING ITS CONSTRUCTION, AND SHALL BE FURNISHED WITH EVERY REASONABLE FACILITY FOR ASCERTAINING THAT THE MATERIALS AND THE WORKMANSHIP ARE IN ACCORDANCE WITH THE REQUIREMENTS AND INTENTIONS OF THESE SPECIFICATIONS, SPECIAL PROVISIONS, AND PLANS. ALL WORK DONE AND ALL MATERIALS PROVIDED SHALL NOT RELIEVE THE CONTRACTOR AND DEVELOPER OF ANY OF THEIR OBLIGATIONS TO FULFILL THEIR CONTRACT AS PRESCRIBED.

FINAL REVIEW

UPON COMPLETION OF ANY IMPROVEMENTS WHICH ARE CONSTRUCTED UNDER AND IN CONFORMANCE WITH THESE STANDARDS AND SPECIFICATIONS, AND PRIOR TO REQUESTING FINAL INSPECTION, THE AREA SHALL BE THOROUGHLY CLEANED OF ALL RUBBISH, EXCESS MATERIAL AND EQUIPMENT; AND ALL PORTIONS OF THE WORK SHALL BE LEFT IN A NEAT AND ORDERLY CONDITION, SATISFACTORY TO THE DIRECTOR AND THE DEVELOPER.

WITHIN TEN (10) DAYS AFTER RECEIVING THE REQUEST FOR FINAL INSPECTION, THE DIRECTOR SHALL INSPECT THE WORK. THE DEVELOPER, OR HIS AUTHORIZED REPRESENTATIVE, WILL BE NOTIFIED IN WRITING AS TO ANY PARTICULAR DEFECTS OR DEFICIENCIES TO BE REMEDIED. THE CONTRACTOR SHALL PROCEED TO CORRECT ANY SUCH DEFECTS OR DEFICIENCIES AT THE EARLIEST POSSIBLE DATE. AT SUCH TIME, AS THE WORK HAS BEEN COMPLETED, A SECOND INSPECTION SHALL BE MADE BY THE DIRECTOR TO DETERMINE IF THE PREVIOUSLY MENTIONED DEFECTS HAVE BEEN REPAIRED, ALTERED AND COMPLETED IN ACCORDANCE WITH THESE STANDARDS AND SPECIFICATIONS.

INDEMNITY CLAUSE

CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS, THE COUNTY OF SAN JOAQUIN, ITS ELECTED OFFICIALS, OFFICERS, EMPLOYEES, AND ATTORNEY'S FEES, FOR PERSONAL INJURY OR PROPERTY DAMAGE OF WHATEVER NATURE WHICH ARE CLAIMED TO HAVE OCCURRED DURING THE TERM OF THIS PROJECT.

CHANGES ON PLANS AND SPECIFICATIONS

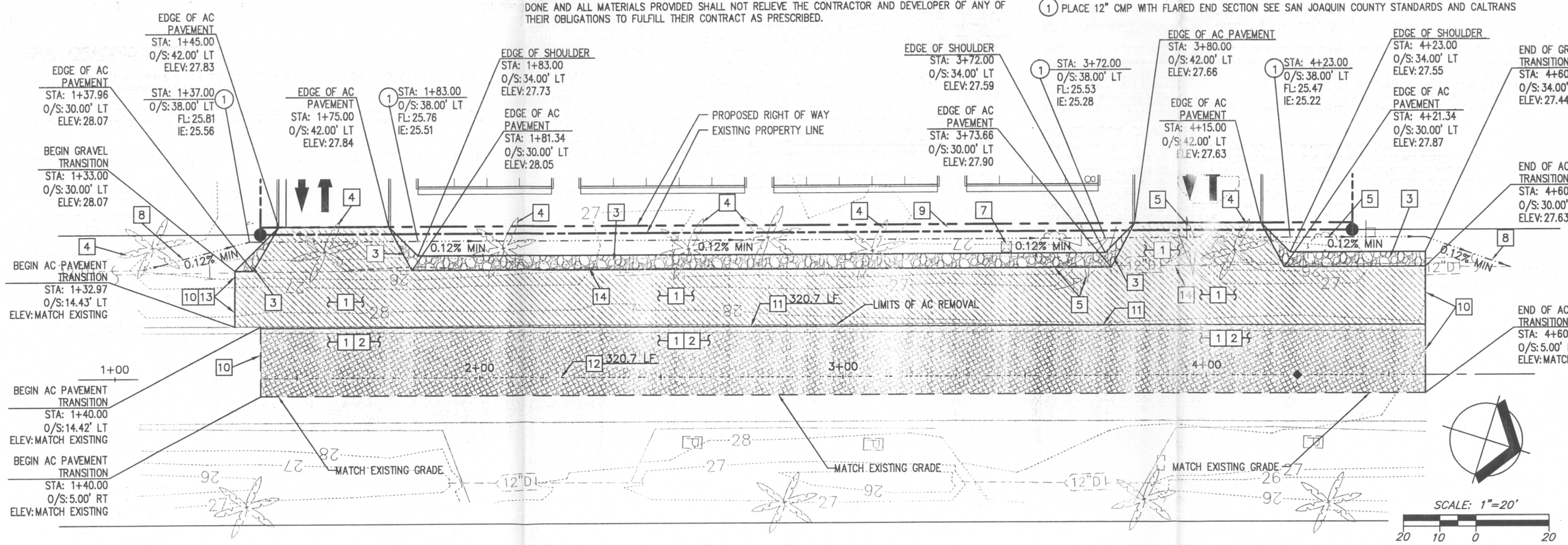
ANY CHANGES TO THE APPROVED IMPROVEMENT PLANS AND SPECIFICATIONS MUST BE PREPARED AND CERTIFIED BY THE CIVIL ENGINEER, AND SHALL BE SUBMITTED TO THE DIRECTOR FOR APPROVAL PRIOR TO IMPLEMENTATION.

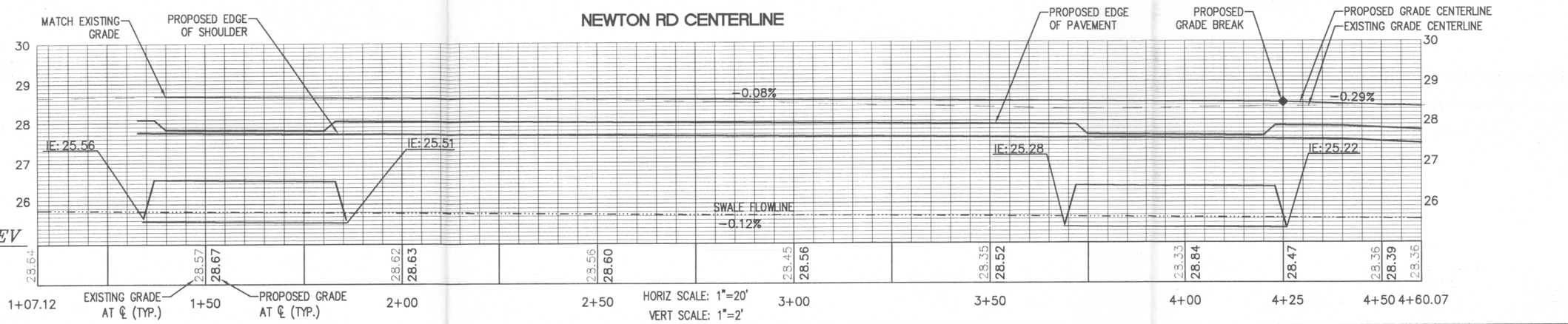
PAVING CONSTRUCTION NOTES

1. CONSTRUCT ROADWAY AND PAVEMENT SECTION AS DETAILED THIS SHEET PER COUNTY 84' RURAL ARTERIAL SECTION.
2. REMOVE EXISTING AC.
3. CONSTRUCT SHOULDER AND TRANSITION AREA SECTION AS DETAILED THIS SHEET.
4. COORDINATE WITH OWNER'S PALM BROKER FOR REMOVAL
5. REMOVE TREE AND ROOTBALL
7. CONTRACTOR TO COORDINATE WITH TELECOM PURVEYOR FOR RELOCATION OF TELECOM VAULT BEHIND ROW.
8. RECONSTRUCT FLOW LINE TO DRAIN FROM EXISTING FLOW LINE
9. CONTRACTOR SHALL LOCATE AND LOWER POWER SERVICE IF REQUIRED TO MEET CONSTRUCTION REQUIREMENTS.
10. TRANSITION NEW AB/AC TO EXISTING.
11. INSTALL FOGLINE PER DETAIL 27B OF CALTRANS STANDARD DETAILS. CONTRACTOR TO MATCH EXISTING ALIGNMENT.
12. INSTALL CENTERLINE PER DETAIL 2 OF CALTRANS STANDARD DETAILS. CONTRACTOR TO MATCH EXISTING ALIGNMENT.
13. INSTALL BARRICADE (TYPE A) FOR TERMINATING STREET PER SAN JOAQUIN COUNTY STANDARDS DETAIL R-24.
14. REMOVE EXISTING STORM DRAIN LINE.

STORM DRAIN CONSTRUCTION NOTES

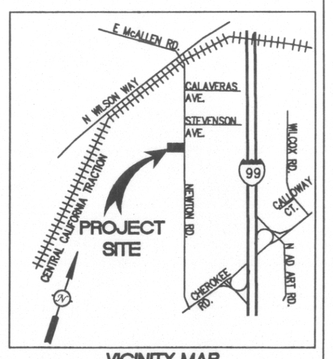
(1) PLACE 12" CMP WITH FLARED END SECTION SEE SAN JOAQUIN COUNTY STANDARDS AND CALTRANS



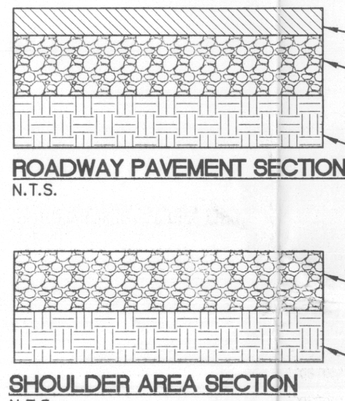


LEGEND:

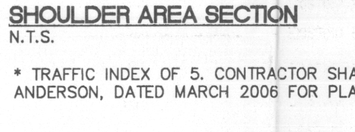
- EXISTING WATER LINE
- EXISTING LOT LINE
- EXISTING GRAVEL LINE
- EXISTING 1' CONTOUR
- EXISTING FENCE
- EXISTING BOUNDARY LINE
- EXISTING GATE POST
- EXISTING IRRIGATION VALVE
- EXISTING SIGN
- EXISTING DRAINAGE PATTERN
- EXISTING TREE TO BE REMOVED
- PROPOSED FLOW LINE & DIRECTION OF FLOW
- PROPOSED AC LINE
- PROPOSED STRIPING
- CONSTRUCTION CENTER LINE
- PROPOSED 1' CONTOUR
- PROPOSED 5' CONTOUR
- PROPOSED 3/4" CLASS II AB
- PROPOSED PAVEMENT SECTION
- REMOVE AC AND REPLACE WITH PROPOSED PAVEMENT SECTION
- PROPOSED GRADE BREAK



VICINITY MAP
SAN JOAQUIN COUNTY, CA
NOT TO SCALE

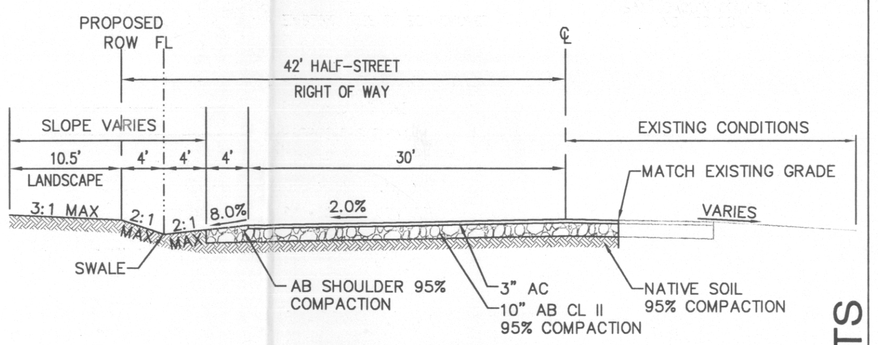


ROADWAY PAVEMENT SECTION
N.T.S.



SHOULDER AREA SECTION
N.T.S.

* TRAFFIC INDEX OF 5. CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT BY NEIL O. ANDERSON, DATED MARCH 2006 FOR PLACEMENT AND COMPACTION.



TYPICAL CROSS SECTION
1"=10'

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

APPROVED: _____ 5-02-07
SIGNATURE DATE

ENCROACHMENT PERMIT NO.: EP-07-136-NE DATE ISSUED: 5/21/07 BY: TN

DIGALERT
CALL 1-800-277-2600
A MINIMUM OF 48 HOURS PRIOR TO WORK

CONSTRUCTION DOCUMENTS

OFF-SITE HALF STREET IMPROVEMENTS
PACE SUPPLY
PACE SUPPLY CORP.
SAN JOAQUIN COUNTY, CALIFORNIA

#	DATE	DESCRIPTION	BY
4			

REGISTERED PROFESSIONAL ENGINEER
JENIFER N. BRISCOE
No. 63801
EXP. 09/30/07
CIVIL
STATE OF CALIFORNIA
4/26/07

DATE	04/16/2007
DRAWN	RXH
DESIGNED	SAL
CHECKED	JNB
PROJECT #	PCS578100

SHEET TITLE
OFF-SITE IMPROVEMENTS

SHEET NUMBER
OS-1

1 OF 1 SHEET

W R G DESIGN INC.
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PLANNERS ■ ENGINEERS ■ LANDSCAPE ARCHITECTS ■ SURVEYORS