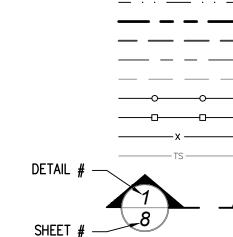
# LEGEND

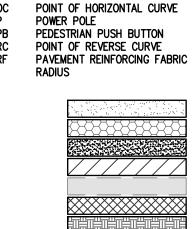
360.00 DESIGN ELEVATION 2.00% EXISTING SLOPE DESIGN SLOPI ASPHALTIC CONCRET BEGIN OF CURVE BENCH MARK BACK OF SIDEWALK CONCRETE CURB AND GUTTER CENTER LINE CHAIN LINK FENCE MON DIRT/GROUND SURFACE INLET FLOW LINE, 9" BELOW T END OF CURVE EDGE OF PAVEMENT FINISH FLOOR FINISH GRADE

FLOW LINE SIGN POLE BENCH MARK LOCATION OF POTHOLING

FIRE HYDRANT

LOCATION OF CORED SAMPLE





GRADE BREAK

GROUND GUY WIRE

GAS VALVE

IRRIGATION

MAXIMUM

MONUMENT

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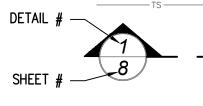
MATCH EXISTING

OUTSIDE DIAMETER

PROPERTY LINE

OVERHEAD ELECTRICAL LINE

TRAFFIC SIGNAL

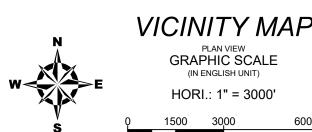


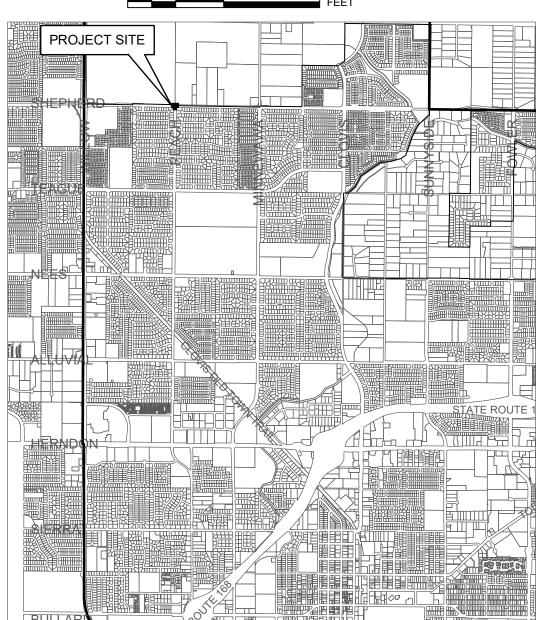


TELEPHONE LINE TOP OF CURB TELEPHONE PEDESTAL/FACILITY TOP OF FOOTING TELEPHONE POLI TRAFFIC SIGNAL TOP OF WALL UTILITY VAULT WATER MAIN/LATERAL WATER METER WATER VALVE

REMOVE AND SALVAGE

AGGREGATE BASE CONCRETE IMPROVEMENTS GRINDING ON A.C. PAVEMENT SURFACE NEW A.C. PAVEMENT / PAVED TRAIL **NEW AGGREGATE BASE** COMPACTED SOIL UNDISTURBED / UNCOMPACTED SOIL CHAIN LINK FENC





## BASIS OF BEARINGS

THE NORTH LINE OF SECTION 9, T.13S, R.21E., M.D.B.&M. IS TAKEN TO BEAR NORTH 89°37'26" WEST, PER THE "CLOVIS COORDINATE SYSTEM\_01259BS\_2000.DWG" DRAWING FILE SUPPLIED BY THE CITY OF CLOVIS.

## **BENCHMARKS**

LOCATED AT THE NORTHEAST CORNER OF FIFTH AND SUNNYSIDE AVENUE, 20 FEET EAST OF THE

ELEVATION = 362.343' (NAVD 88)360.124' (NGVD 29)

# NOTES FROM SURVEYOR

TOPOGRAPHY NOTE:
TOPOGRAPHY SHOWN WAS COLLECTED BY PROVOST & PRITCHARD CONSULTING GROUP DURING A FIELD SURVEY CONDUCTED IN JULY OF

THE BOUNDARY/EASEMENT INFORMATION SHOWN ON THESE PLANS IS BASED UPON RECORD INFORMATION TIED TO PHYSICAL MONUMENTS, AND WAS PREPARED UNDER THE DIRECTION OF BRYAN W. BOWERS,



# CITYOfCLOVIS

# PLANNING & DEVELOPMENT

CITY ENGINEER - MICHAEL J. HARRISON PROJECT ENGINEER - PHIL GINTHER

PLANS FOR CONSTRUCTION OF

# SHEPHERD AVENUE & PEACH AVENUE INTERSECTION **IMPROVEMENTS**

GENERAL CONSTRUCTION NOTES

COUNTY, OR STATE RIGHT-OF-WAY. CITY PERMITS MAY BE OBTAINED AT CLOVIS PLANNING AND DEVELOPMENT SERVICES DEPARTMENT, CONSTRUCTION MANAGEMENT DIVISION AT (559) 324-2370. CONTACT THE APPLICABLE PERMITS DIVISION OF THE COUNTY OF FRESNO OR CALTRANS FOR THE APPLICABLE PERMIT.

- 2. PRIOR TO BEGINNING CONSTRUCTION, ADVANCE WARNING SIGNS SHALL BE PLACED SEVEN (7) DAYS PRIOR TO COMMENCING WORK IN ORDER TO NOTIFY THE PUBLIC OF THE IMMINENCE OF CONSTRUCTION AND OF POSSIBLE DELAYS. SEE "TRAFFIC CONTROL" SECTION.
- 3. ALL EXISTING MAINS, UTILITIES, SIGNS, STRIPING, ETC., FOUND TO BE IN CONFLICT WITH THIS PLAN, WHETHER SPECIFICALLY IDENTIFIED ON THE PLANS AND PROJECT SPECIFICATIONS OR NOT, SHALL BE CONSIDERED AS PART OF THE REQUIRED WORK TO BE PERFORMED.
- 4. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL NOTIFY ALL UTILITY AUTHORITIES OR UTILITY COMPANIES HAVING POSSIBLE INTEREST IN THE WORK OF THE CONTRACTOR'S INTENTION TO EXCAVATE PROXIMATE TO EXISTING FACILITIES. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITIES IN THE WORK AREA. THE CONTRACTOR SHALL NOTIFY U.S.A. TWO (2) WORKING DAYS PRIOR TO BEGINNING ANY EXCAVATION.
- 5. THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC UTILITIES DEPARTMENT STREETS MANAGER AT (559) 324-2639 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO POURING SIDEWALKS, AND/OR INSTALLING ANY SIGNS, MARKINGS, STRIPING OR STENCILING SUCH AS DIRECTIONAL ARROWS, STOPS, CROSS WALKS, ETC. THE CITY STREET MANAGER SHALL BE INFORMED OF ALL LOCATIONS, TYPES, DATES AND SCHEDULE OF INSTALLATION. ANY CHANGES PROPOSED TO THE PLANS SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO INSTALLATION.
- 6. THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC UTILITIES DEPARTMENT UTILITIES MANAGER AT (559) 324-2611 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO ANY REPLACEMENT AND INSTALLATION OF WATER AND SEWER UTILITIES. THE UTILITIES MANAGER SHALL BE INFORMED OF ALL LOCATIONS, TYPES, DATES AND SCHEDULE OF
- 7. THE CONTRACTOR SHALL OBTAIN WRITTEN AUTHORIZATION FROM ANY ADJACENT PROPERTY OWNER GIVING HIM PERMISSION TO ENTER HIS PROPERTY FOR PURPOSES OF CONSTRUCTING THE IMPROVEMENTS DELINEATED ON THESE PLANS AND TRANSITIONS THERETO. THE CONTRACTOR SHALL PROVIDE THE CITY WITH A COPY PRIOR TO
- 8. ANY DIRT OR DEBRIS TRACKED ONTO ANY CITY STREET FROM THIS PROJECT SHALL BE CLEANED OFF AT THE END OF EACH WORKING DAY TO THE SATISFACTION OF THE CITY. IN THE EVENT OF CONTRACTOR'S NON-PERFORMANCE AND THE CITY IS REQUIRED TO PROVIDE CLEAN UP OF DIRT OR DEBRIS, THE CONTRACTOR SHALL BE BILLED AT THREE (3) TIMES THE ACTUAL COST.

- 9. ANY EXISTING SECTION CORNER, QUARTER SECTION CORNER, PROPERTY CORNER, STREET CENTERLINE MONUMENT, OR ANY OFFICIAL BENCH MARK DAMAGED BY THE CONTRACTOR IN THE COURSE OF THE WORK COVERED BY THESE CONSTRUCTION PLANS, SHALL BE RESET TO THE SATISFACTION OF THE CITY ENGINEER. A LICENSED LAND SURVEYOR OR CIVIL ENGINEER LICENSED TO PERFORM LAND SURVEYING SHALL CERTIFY THE PLACEMENT OR REPLACEMENT OF ALL MONUMENTS AND BENCHMARKS IN ACCORDANCE WITH ALL LAWS, RULES AND REGULATIONS GOVERNING SUCH PLACEMENTS OR REPLACEMENTS. PLACEMENT/REPLACEMENT AND CERTIFICATION SHALL BE COMPLETED BEFORE FINAL ACCEPTANCE OF THE PROJECT/WORK BY THE CITY. BRASS CAPS REQUIRED FOR THE INSTALLATION OF NEW OR REPLACEMENT MONUMENTS SHALL BE FURNISHED BY THE CONTRACTOR PER CITY STANDARD DRAWING NO. ST-32, AND APPROVED BY THE CITY PRIOR TO INSTALLATION.
- 10. ANY EXISTING SIGNING, STRIPING, AND STENCILING AND/OR IMPROVEMENT SHOWN ON THE PLANS TO REMAIN BUT ARE DAMAGED, DISTURBED OR FADED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED IN-KIND IN ACCORDANCE WITH THE CITY OF CLOVIS STANDARD AND AS DIRECTED BY THE CITY ENGINEER. THE CONTRACTOR SHALL NOTIFY THE CITY STREETS MANAGER AT (559) 324-2639 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO INSTALLING OR REINSTALLING ANY SIGNS, MARKINGS, STRIPING OR STENCILING SUCH AS DIRECTIONAL ARROWS, STOPS, CROSS WALKS, ETC. DAMAGED OR FADED BY THE WORK. THE CITY STREET MANAGER SHALL BE INFORMED OF ALL
- LOCATIONS, TYPES, DATES AND SCHEDULE OF WORK. (SEE "STRIPING"). 11. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL EXISTING STRUCTURES, TREES, SHRUBS, ETC., THAT ARE ON EXISTING OR PROPOSED RIGHT-OF-WAY LINES, ENCROACHING ON EXISTING OR PROPOSED STREET EASEMENTS OR ENCROACHING ON EXISTING OR PROPOSED UTILITY EASEMENTS. NO TREE SIX INCHES IN DIAMETER OR LARGER SHALL BE REMOVED WITHOUT THE WRITTEN APPROVAL OF THE CITY PLANNER OR AS SHOWN ON THE APPROVED IMPROVEMENT PLANS.
- 12. FOR CITY PROJECTS AND SUBDIVISION IMPROVEMENTS INSTALLED IN CONJUNCTION WITH A PARCEL MAP OR FINAL MAP, THE COST OF INITIAL TESTS (COMPACTION, ETC.) WILL BE PAID BY THE CITY; THE COSTS OF ALL REPEAT TESTING REQUIRED FOR ACCEPTANCE OF ANY WORK SHALL BE FULLY BORNE BY THE CONTRACTOR. FOR ALL OTHER PROJECTS, THE COSTS FOR BOTH INITIAL AND REPEAT TESTS ARE THE RESPONSIBILITY OF THE CONTRACTOR.

### STANDARDS/SPECIFICATIONS

- 13. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF CLOVIS STANDARD DRAWINGS AND SPECIFICATIONS, DATED DECEMBER 1, 2020. AND/OR ANY REFERENCED APPLICABLE SECTIONS OF THE 2018 CALTRANS STANDARD SPECIFICATIONS AND STANDARD PLANS UNLESS SPECIFIED OTHERWISE.
- 14. ALL STORM DRAINAGE FACILITIES ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE FRESNO METROPOLITAN FLOOD CONTROL DISTRICT STANDARD PLANS AND SPECIFICATIONS, DATED APRIL 1, 2011 AND REVISIONS THEREOF.

- AND, FOR CITY PROJECTS, THE PROJECT SPECIAL PROVISIONS. TRAFFIC CONTROL SHALL ALSO CONFORM TO THE LATEST VERSION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, PART 6, TEMPORARY TRAFFIC CONTROL. COMPLIANCE WITH THE REQUIREMENTS OF SAID MANUAL SHALL BE CONSIDERED AS A MINIMUM REQUIREMENT AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADDITIONAL SAFETY DEVICES WHEN NECESSARY TO MAINTAIN A SAFE CONDITION.
- 16. AN APPROVED TRAFFIC CONTROL PLAN IS REQUIRED PRIOR TO BEGINNING CONSTRUCTION. UNLESS OTHERWISE PRESCRIBED IN THE PLAN, AS A MINIMUM ON MAJOR STREETS, AT LEAST ONE TWELVE (12) FOOT WIDE LANE IN EACH DIRECTION OF TRAVEL SHALL BE MAINTAINED AT ALL TIMES. PRIOR TO COMPLETION OF WORK EACH DAY THE CONTRACTOR SHALL BACKFILL AND PROVIDES TEMPORARY TRENCH RESURFACING BEFORE LEAVING THE SITE.

- 17. ALL TRASH, CONCRETE, ASPHALT CONCRETE, VEGETABLE MATTER, AND DEBRIS OF ANY KIND SHALL BE REMOVED FROM THE SITE AND SHALL NOT BE INCORPORATED INTO ANY FILL. 18. ALL UTILITY POLES IN THE STREET RIGHT-OF-WAY ARE TO BE REMOVED OR RELOCATED PRIOR TO ANY PAVING.
- 19. ALL FACILITIES SUCH AS SEWER, STORM DRAIN AND OTHER UTILITY MANHOLES, WATER VALVE BOXES INCLUDING CAP AND LID, ETC., WHETHER EXISTING OR NEWLY INSTALLED BY THIS PROJECT SHALL BE ADJUSTED TO FINAL GRADE AS NECESSARY. ALL ADJUSTMENTS SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE OF THE WORK BY THE CITY EXCEPT THOSE FOR WATER VALVE BOXES. ALL WATER VALVE BOXES, BOTH NEW AND EXISTING, SHALL BE BROUGHT TO SURFACE GRADE WITHIN FIVE (5) DAYS OF INSTALLATION OR BEING COVERED BY
- 20. RELATIVE COMPACTION TESTS MUST BE WITHIN TWO (2) PERCENT OF OPTIMUM MOISTURE CONTENT TO BE CONSIDERED AS PASSING.
- 21. ALL FILL TO BE COMPACTED TO A MINIMUM OF NINETY (90) PERCENT RELATIVE COMPACTION, EXCEPT FILL UNDER CURBS, CURB AND GUTTER, VALLEY GUTTERS, AND PAVEMENT AREAS, SHALL BE COMPACTED TO A MINIMUM OF
- NINETY-FIVE (95) PERCENT RELATIVE COMPACTION. SEE "LIABILITIES" FOR COST RESPONSIBILITY 22. THE CONTRACTOR SHALL PROVIDE SOIL COMPACTION TEST REPORTS PREPARED BY AN APPROVED TESTING AGENCY FOR ALL AREAS WHERE FILL IS PLACED.

- 23. TRENCH CUTS IN EXISTING STREETS THAT ARE NOT TO BE RECONSTRUCTED OR OVERLAID SHALL HAVE PERMANENT TRENCH RESURFACING INSTALLED WITHIN SEVEN (7) DAYS AFTER INITIAL STREET CUT. 24. TRENCH BACKFILL AND PERMANENT TRENCH RESURFACING TO BE PER CITY STANDARD ST-20.
- 25. TEMPORARY TRENCH RESURFACING TO BE A MINIMUM FOUR (4) INCH THICK COLD MIX AND CONTINUOUSLY MAINTAINED BY THE CONTRACTOR UNTIL THE TRENCH IS PERMANENTLY REPAVED. REPAIRS PERFORMED BY CITY FORCES DUE TO UN-MAINTAINED TEMPORARY PAVEMENT WILL BE CHARGED TO THE CONTRACTOR AT THREE (3) TIMES OF THE ACTUAL COST.

- 26. FOR CITY OR DEVELOPER PROJECTS ON MAJOR STREETS (ARTERIALS, COLLECTORS, EXPRESSWAYS), WHETHER NEW OR RECONSTRUCTION, THE CONTRACTOR OR THE DEVELOPER SHALL BE RESPONSIBLE TO SET MONUMENTS AT CENTERLINE INTERSECTION POINTS, ANGLE POINTS, AND BEGINNING AND END OF CURVES (BC & EC). WHERE MANHOLES OR OTHER OBSTRUCTIONS PREVENT THE INSTALLATION OF MONUMENTS AT THE PRESCRIBED LOCATIONS, MONUMENT TIES SHALL BE FURNISHED SUFFICIENT IN NUMBER TO RE-CREATE THE APPROPRIATE POINT. FOR CITY PROJECTS, SETTING MONUMENTS WILL BE PAID FOR AT THE PRICE BID THEREFORE. IF THERE IS NO BID ITEM, THE COST WILL BE CONSIDERED AS INCLUDED IN THE VARIOUS BID ITEMS, AND NO SEPARATE PAYMENT WILL
- 27. FOR ALL OF THE ABOVE, A LICENSED LAND SURVEYOR OR CIVIL ENGINEER LICENSED TO PERFORM LAND SURVEYING SHALL CERTIFY THE PLACEMENT OF ALL MONUMENTS IN ACCORDANCE WITH ALL LAWS, RULES AND REGULATIONS GOVERNING SUCH PLACEMENTS OR REPLACEMENTS. PLACEMENT/REPLACEMENT AND CERTIFICATION SHALL BE COMPLETED REFORE FINAL ACCEPTANCE OF THE PROJECT/WORK BY THE CITY. BRASS CAPS REQUIRED FOR THE INSTALLATION OF NEW OR REPLACEMENT MONUMENTS SHALL BE FURNISHED PER CITY STANDARD DRAWING NO. ST-32, AND APPROVED BY THE CITY PRIOR TO INSTALLATION.
- 28. ALL STREET IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS THEREFORE. NO DEVIATIONS ARE PERMITTED WITHOUT THE EXPRESS APPROVAL OF THE CITY ENGINEER OR HIS DESIGNEE.
- 29. ALL EXISTING UTILITY MANHOLES, VALVE BOXES AND VAULTS SHALL BE ADJUSTED TO THE FINISHED GRADE OF NEW PAVEMENTS IN ACCORDANCE WITH THE ASSOCIATED STANDARDS AND SPECIFICATIONS. ADJUSTING RINGS ARE NOT ALLOWED.
- 30. SIDEWALKS SHALL NOT BE POURED UNTIL ALL WATER METER BOXES AND SERVICES HAVE BEEN INSPECTED BY
- 31. ALL CURB AND GUTTER AND VALLEY GUTTERS SHALL BE WATER TESTED UNDER THE DIRECTION AND IN THE PRESENCE OF THE CITY INSPECTOR PRIOR TO ANY STREET OPERATION. ALL SAGS OR HUMPS SHALL BE REMOVED
- AND REPLACED TO THE SATISFACTION OF THE CITY. 32. PRIOR TO PLACING AGGREGATE BASE, THE SUBGRADE GRADING SHALL BE VERIFIED BY THE ENGINEER TO THE
- SATISFACTION OF THE CITY INSPECTOR. CUT SHEETS SHALL BE PROVIDED TO THE CITY INSPECTOR. 33. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSTALL HANDICAP RAMPS THAT ARE IN COMPLIANCE WITH

AMERICANS WITH DISABILITIES ACT GUIDELINES AND REQUIREMENTS.

# **Know what's below. Call before you dig**

WHERE UNDERGROUND AND SURFACE STRUCTURES ARE SHOWN ON THE PLANS. THE LOCATIONS, DEPTH AND DIMENSIONS OF STRUCTURES ARE BELIEVED TO BE REASONABLY CORRECT, BUT ARE NOT GUARANTEED. SUCH STRUCTURES ARE SHOWN FOR THE INFORMATION OF THE CONTRACTOR, BUT INFORMATION SO GIVEN IS NOT TO BE CONSTRUED AS A REPRESENTATION THAT SUCH STRUCTURES WILL. IN ALL CASES, BE FOUND WHERE SHOWN, OR THAT THEY REPRESENT ALL THE STRUCTURES

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTIES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

### SHEET INDEX

NUMBER	TITLE	DESCRIPTION
1	COVER SHEET	COVER SHEET
2	INTERSECTION IMPROVEMENT PLAN	IMPROVEMENT PLAN
3	INTERSECTION SIGNALIZATION PLAN	SIGNAL LAYOUT
4	INTERSECTION SIGNALIZATION SCHEDULES AND NOTES	SCHEDULES AND NOTES

MICHAEL J. HARRISON, R.C.E. C-60953

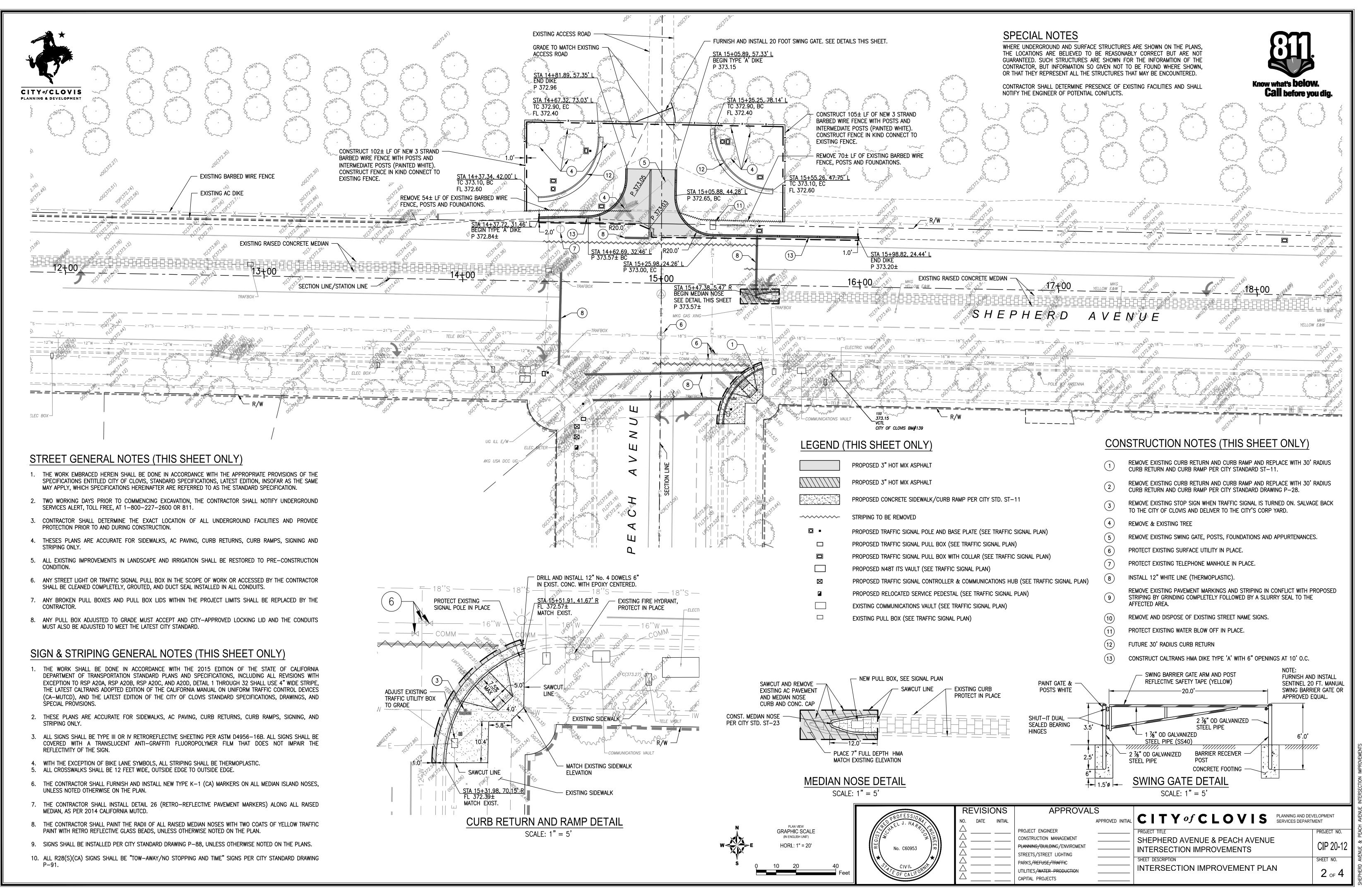
CITY ENGINEER



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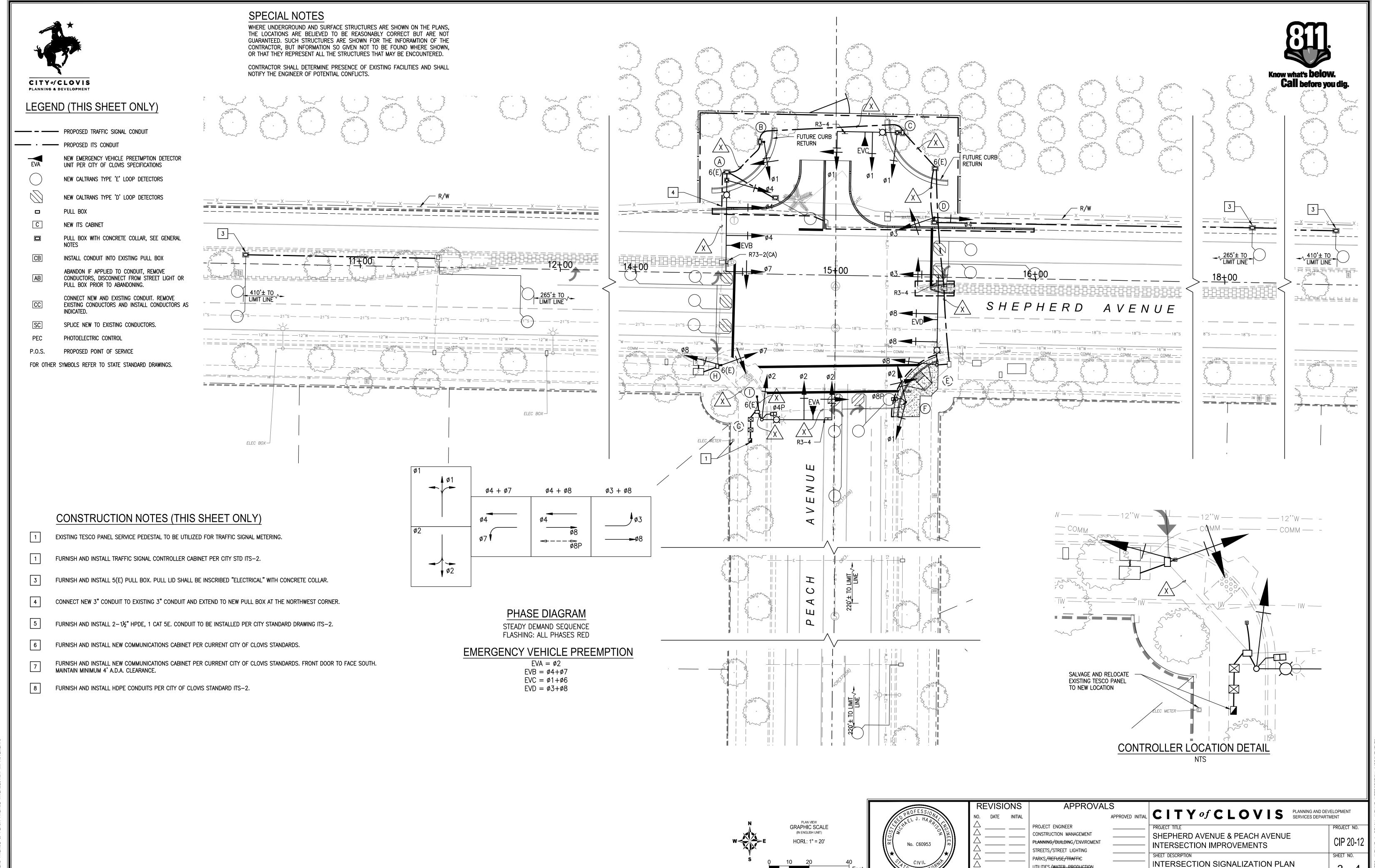
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DATE	INITIAL	
		PROJECT ENGINEER
		CONSTRUCTION MANAGEMEN
		PLANNING/BUILDING/ENVIRO
		STREETS/STREET LIGHTING
		PARKS/ <del>REFUSE/TRAFFIC</del>
		UTILITIES/WATER PRODUCTION
		CAPITAL PROJECTS

APPROVED INITIAL CITY of CLOVIS PLANNING AND DEVELOPMENT SERVICES DEPARTMENT SHEPHERD AVENUE & PEACH AVENUE INTERSECTION IMPROVEMENTS SHEET DESCRIPTION COVER SHEET



SHEPHERD AVENUE & PEACH AVENUE INTERSECTION IMPRO

---COUNT NUMBER: 95000–74977 ST UPDATED: 04/21/2022



UTILITIES/WATER PRODUCTION

CAPITAL PROJECTS