

Agreement

2 This Agreement ("Agreement") is made and entered into this 25th day of
3 March 2025 by and between the Central Unified School District, a municipal
4 corporation ("District"), and the County of Fresno, a political subdivision of the State
5 of California ("County") (collectively, the "Parties") with respect only to the Project (as
6 further defined below) funded cooperatively by the parties.

RECITALS:

9 A. The County, with support from District, applied for and received an Active
10 Transportation Grant (ATP Grant) for pedestrian safety improvements at Herndon-
11 Barstow Elementary school.

12 A. The District has expressed interest in contributing towards these pedestrian safety
13 improvements.

14 B. The improvements generally consist of the design and construction of a High-
15 Intensity Activated Crosswalk (HAWK signal); a connecting sidewalk; pavement,
16 concrete improvements, signage and striping, and utility relocation, hereinafter
17 "Project". Plans for the Project are attached hereto as Exhibit A and incorporated
18 by this reference.

19 C. All work done shall incorporate the conditions specified in this Agreement.

20 D. District and County now wish to establish the conditions specifically applicable to
21 the Project and under which the Project will be completed.

22 NOW, THEREFORE, in consideration of the mutual acknowledgments, covenants,
23 and conditions herein contained, it is hereby agreed as follows:

24 1. **Recitals.** Each of the foregoing recitals of background facts are incorporated
25 herein.

26 2. **Purpose.** The purpose of this Agreement is to set forth each Party's general
27 obligations governing the Project.

28 3. **Term.** This Agreement shall expire on April 30, 2028 (the "Expiration Date"), unless

1 otherwise terminated hereunder. The term of this Agreement may be extended by
2 mutual agreement of the Parties for two additional consecutive one (1) year
3 extension periods upon written approval of both the County and District, no later
4 than expiration of this Agreement. For the purposes of this section, one year shall
5 mean 365 days, or 366 days if there is a leap day. For the purposes of this section,
6 the County hereby delegates authority to extend this Agreement to the Director of
7 the Department of Public Works and Planning.

8 4. **Lead Agency.** The Lead Agency for this Project shall be the County. The County
9 will provide civil engineering design, project management, Right-of-Way
10 Engineering, Right-of-Way Acquisition, Utility Coordination, and Construction
11 Engineering. The County and City will split the remaining project costs, less the
12 less that amount funded by the District and Active Transportation Program grant
13 funds.

14 5. **City's Participation.** The City of Fresno will provide the design of the HAWK
15 signal for the Project and will be responsible for a portion of the design and
16 construction costs of the Project, less that amount funded by the District or Active
17 Transportation Program grant fund. The City of Fresno and the County have a
18 separate Project Specific Agreement which further outlines the City of Fresno's
19 obligations towards the Project.

20 6. **District's Participation.** The District will provide \$50,000 to fund a portion of the
21 project costs. Additionally, the District will assist with any public outreach efforts
22 associated with the project.

23 7. **Engineer's Estimate.** The Detailed Preliminary Engineer's Project Estimate and
24 Total Project Costs is attached hereto as Exhibit B and is incorporated by this
25 reference.

26 8. **Expected Cost Share.** The Active Transportation Program (ATP) grant would
27 fund up to \$603,000 or approximately 79% of total project costs. The District shall
28 provide \$50,000 toward the cost of improvements, and the County and City shall

1 divide the remaining participating costs.

2 9. **Deposit by District.** Within sixty (60) days after award of Project's construction

3 contract by County's governing body, District shall deposit with County an amount

4 equal to District's cost share, as defined in Section 6.

5 10. **Post Construction Obligations.** Upon completion of Project, each Party's

6 jurisdictional and maintenance responsibilities shall remain unchanged from those

7 which existed prior to completion of the Project.

8 11. **Dispute Resolution:** The Parties agree to implement the provisions of this

9 Agreement in a reasonable, good faith manner. In the event of a dispute the

10 Parties shall engage in informal good faith negotiations at the staff level, which

11 shall be escalated to the District's Superintendent and the County's Director of

12 Public Works and Planning. Should no resolution be attainable, the Parties agree

13 to engage in mediation through a mutually acceptable mediator prior to institution

14 of legal proceedings to resolve any issues pertaining to the provisions of this

15 Agreement. The Parties shall each pay fifty percent (50%) of all fees and costs

16 charged by such mediator.

17 12. **Indemnity** The District shall indemnify and hold harmless and defend the County

18 (including its officers, agents, employees, and volunteers) against all claims,

19 demands, injuries, damages, costs, expenses (including attorney fees and costs),

20 fines, penalties, and liabilities of any kind to the County, the District, or any third

21 party that arise from or relate to the performance or failure to perform by the District

22 (or any of its officers, agents, subcontractors, or employees) under this Agreement.

23 The County may conduct or participate in its own defense without affecting the

24 District's obligation to indemnify and hold harmless or defend the County.

25 The County shall indemnify and hold harmless and defend the District (including

26 its officers, agents, employees, and volunteers) against all claims, demands,

27 injuries, damages, costs, expenses (including attorney fees and costs), fines,

28 penalties, and liabilities of any kind to the District, the Contractor, or any third party

1 that arise from or relate to the performance or failure to perform by the County (or
2 any of its officers, agents, subcontractors, or employees) under this Agreement.
3 The District may conduct or participate in its own defense without affecting the
4 County's obligation to indemnify and hold harmless or defend the District.
5 Nothing herein shall constitute a waiver by either District or County of
6 governmental immunity that may be available as a defense to any such third-party
7 claim(s) under or pursuant to Government Code Section 810 et seq.

8 13. **Insurance.** Without limiting the applicability or scope of the indemnification
9 provisions contained in Section 16, County and District shall maintain, at their sole
10 expense, insurance policies or self-insurance programs including, but not limited
11 to, an insurance pooling arrangement and/or Joint Powers Agreement sufficient to
12 fund their respective liabilities hereunder throughout the term of this Agreement.
13 Coverage shall be provided for comprehensive general liability, automobile liability,
14 professional liability, and workers' compensation.

15 14. **Special Terms.** The parties agree that the following special or specific terms shall
16 apply to the performance of the Project: The Lead Agency will include Participating
17 Agency staff in pre-construction meetings and coordinate with Participating
18 Agency staff for material submittal review. District and County staff will
19 concurrently review all Traffic Control Plans. Final as-built drawings will be created
20 by the Lead Agency and provided to the Participating Agency.

21 15. **Assignment.** Neither Party shall assign, transfer, or sub-contract this Agreement,
22 nor any of its respective rights or duties hereunder, without the written consent of
23 the other Party.

24 16. **Waiver.** Waiver of any breach of this Agreement by any party hereto shall not
25 constitute a continuing waiver or a waiver of any breach of the same or another
26 provision of this Agreement.

1 17. **Counterparts.** This Agreement may be executed in one or more counterparts,
2 each of which when executed will be deemed to constitute one and the same
3 instrument and agreement.

4 18. **Notices.** All required notices may be sent by first class United States Mail,
5 facsimile transmission, hand delivery, express mail, or electronic mail. For time
6 calculations purposes, physical notices shall be deemed to have been received by
7 the end of five (5) business days from the proper sending thereof, unless proof of
8 prior actual receipt is provided. For notices sent via electronic mail, notices shall
9 be deemed to have been received by the end of the day following send. For the
10 County, the Director of the Department of Public Works and Planning is hereby
11 authorized to delegate or otherwise modify the County's contact information and
12 will provide the District with any updated contact information. Unless otherwise
13 notified in writing, notices shall be sent to the following addresses:

14 If to the District:

15 Central Unified School District
16 Amer Iqbal
17 Assistant Superintendent, Chief Business Officer
18 5652 W. Gettysburg Avenue
19 Fresno, CA 93722
20 Phone No.: (559) 274-4700 x. 12107
21 E-Mail: aiqbal@centralusd.k12.ca.us

22 If to the County:

23 County of Fresno
24 Steven E. White
25 Director of Public Works and Planning
26 2220 Tulare Street, Seventh Floor
27 Fresno, CA 93721
28 (559) 600-4078

stwhite@fresnocountyca.gov

19. **Severable.** The provisions of this Agreement are severable. The invalidity or
unenforceability of any one provision of this Agreement shall not affect the other
provisions.

20. **Amendment.** This Agreement may be modified only by written instrument
executed by duly authorized representatives of both District and County.

21. **Entire Agreement.** Each party acknowledges that it has read and fully
understands the contents of this Agreement and represents that this constitutes
the entire Agreement between District and County with respect to the subject
matter contained herein and that this Agreement supersedes all prior negotiations,
representations, or agreements, either written or oral.

22. **Authorized Signature.** The District represents and warrants to the County that:
The District is duly authorized and empowered to sign and perform its obligations
under this Agreement. The individual signing this Agreement on behalf of the
District is duly authorized to do so and his or her signature on this Agreement
legally binds the District to the terms of this Agreement.

23. **Electronic Signatures** The parties agree that this Agreement may be executed
by electronic signature as provided in this section.

24. a. An “electronic signature” means any symbol or process intended by an
individual signing this Agreement to represent their signature, including but not
limited to: (1) a digital signature; (2) a faxed version of an original handwritten
signature; or (3) an electronically scanned and transmitted (for example by PDF
document) version of an original handwritten signature.

25. b. Each electronic signature affixed or attached to this Agreement: (1) is
deemed equivalent to a valid original handwritten signature of the person signing
this Agreement for all purposes, including but not limited to evidentiary proof in any
administrative or judicial proceeding; and (2) has the same force and effect as the
valid original handwritten signature of that person.

c. The provisions of this section satisfy the requirements of Civil Code section 1633.5, subdivision (b), in the Uniform Electronic Transaction Act (Civil Code, Division 3, Part 2, Title 2.5, beginning with section 1633.1).

d. Each party using a digital signature represents that it has undertaken and satisfied the requirements of Government Code section 16.5, subdivision (a), paragraphs (1) through (5), and agrees that each other party may rely upon that representation.

e. This Agreement is not conditioned upon the parties conducting the transactions under it by electronic means and either party may sign this Agreement with an original handwritten signature.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first herein above written.

CENTRAL UNIFIED SCHOOL DISTRICT COUNTY OF FRESNO

By: Ketti Davis, Superintendent

Date: 2.24-25

By: Ernest Buddy Mendes
Ernest Buddy Mendes, Chairman of the
Board of Supervisors of the
County of Fresno

Date: 3-25-2025

ATTEST:
Bernice E. Seidel
Clerk of the Board of Supervisors
County of Fresno, State of California

BY: Hannah
Deputy

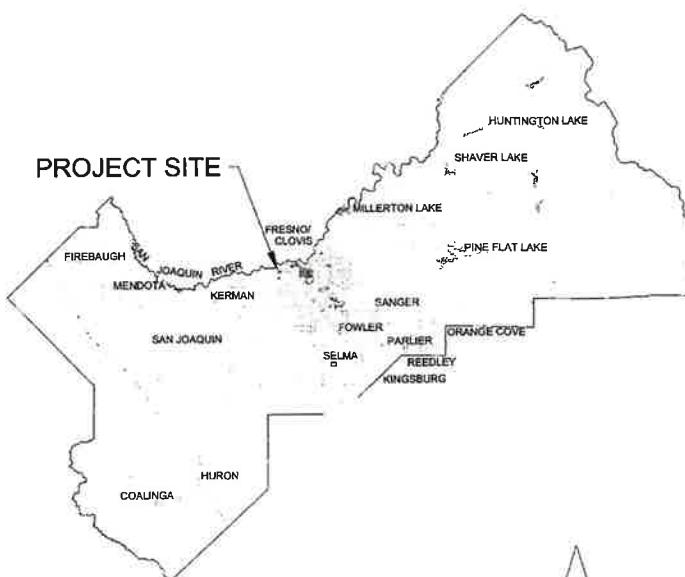
For accounting use only:

Org No: 4510
Fund: 0010
Account No: 4985
Subclass No: 11000
Project No: D14502

PLANS FOR CONSTRUCTION

HERNDON-BARSTOW ELEMENTARY HIGH INTENSITY ACTIVATED CROSSWALK (HAWK) STATE PROJECT NUMBER: ATPL-5942(321)

INDEX OF SHEETS	
SHEET NO.	TITLE
01	TITLE
02	LEGEND
03	GENERAL NOTES
04	CROSS SECTIONS
05	HORIZONTAL CONTROL
06 - 07	DEMOLITION PLAN
08 - 09	CONSTRUCTION PLAN
10	UTILITY PLAN
11-13	SIGNAGE AND STRIPING PLAN
14	GRADING DETAILS
15-17	HAWK TRAFFIC SIGNAL

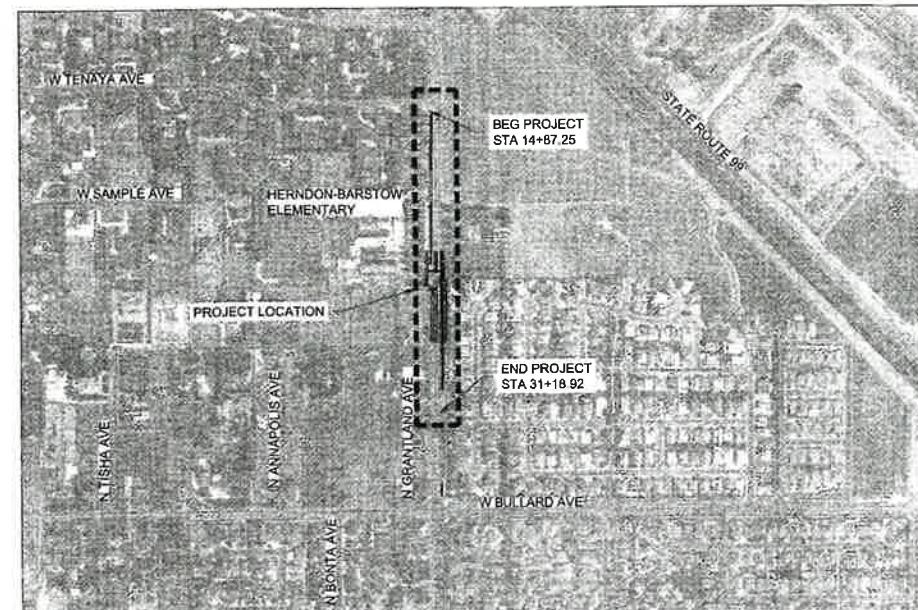


VICINITY MAP
SCALE: N.T.S.

DIVISION	DESIGN	CONST	RMO	RESC
SIGNATURE	<i>Mark S. Setzer</i>	<i>James J. Brown</i>		
DATE	12/16/2024	12/16/2024	12/16/2024	



DEPARTMENT OF PUBLIC WORKS AND PLANNING



LOCATION MAP
500 250 0 500
GRAPHIC SCALE: 1"=500'



Brian Pacheco 1st District
Gray Bredefeld 2nd District
Luis Chavez 3rd District
Ernest "Buddy" Mendes 4th District
Nathan Magsig 5th District

Paul Nerland
County Administrative Officer
Steve White
Date: 2024.12.17
11:20:49 -08'00'

Steve White
APPROVED
Steven E. White, Director
Department of Public Works and Planning

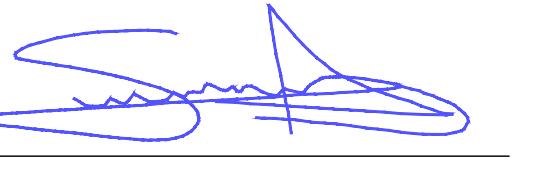
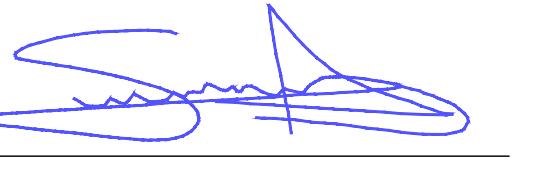
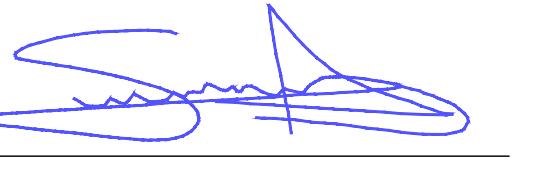
Scott Mozier
APPROVED
12/20/24
Scott Mozier, Public Works Director
City of Fresno

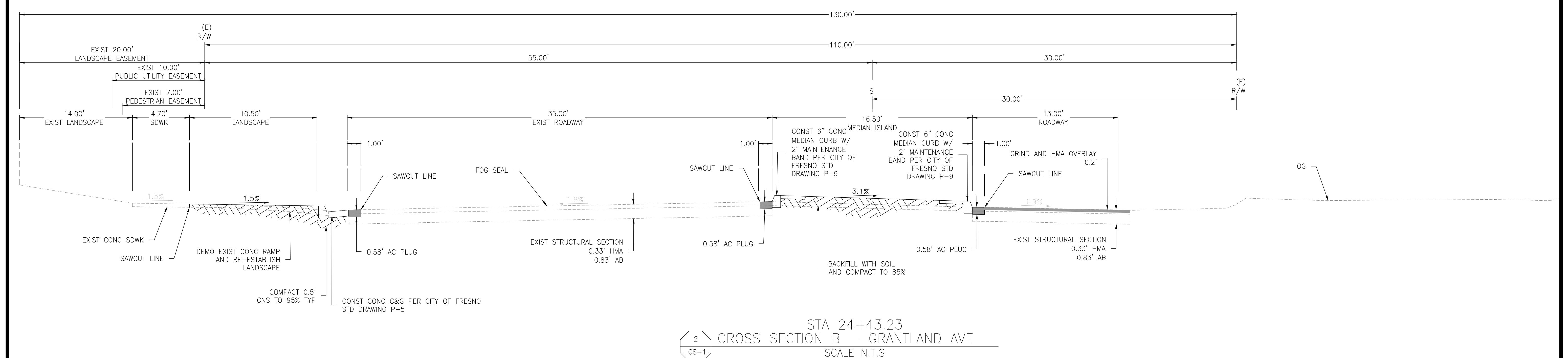
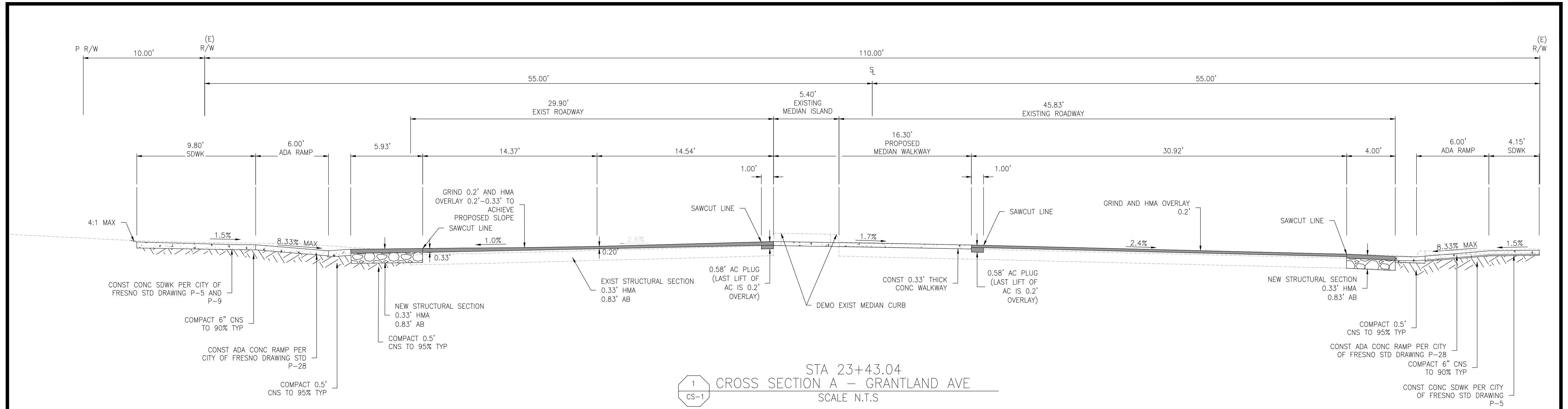
CALIFORNIA CONTRACTOR'S LICENSES REQUIRED FOR THIS PROJECT					
CLASS A, GENERAL ENGINEERING					
C-12, EARTHWORK AND PAVING					
DRAWING NO.	ROAD NO.	BRIDGE NO.	FISCAL YR.	sheet NO.	TOTAL
11326	#	-	-	01	17

CONTRACT NO. 24-17-C

RECORD DRAWING					
CONTRACTOR					
NAME					
ADDRESS					
CITY				STATE	ZIP
PHONE					
DATE AWARDED					
DATE STARTED					
DATE COMPLETED					
RESIDENT ENGINEER					
NAME				SIGNATURE	
NAME				SIGNATURE	

2023 CALTRANS STANDARD PLANS LIST		GENERAL LEGEND													
		ABBREVIATIONS												CONSTRUCTION SYMBOLS	
<input checked="" type="checkbox"/> INDICATES APPLICABLE PLAN <input type="checkbox"/> A20A PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS <input type="checkbox"/> A20B PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS <input type="checkbox"/> A20C PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS <input type="checkbox"/> A20D PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS <input type="checkbox"/> A24A PAVEMENT MARKINGS ARROWS <input type="checkbox"/> A24B PAVEMENT MARKINGS ARROWS AND SYMBOLS <input type="checkbox"/> A24C PAVEMENT MARKINGS SYMBOLS AND NUMERALS <input type="checkbox"/> A24D PAVEMENT MARKINGS WORDS <input type="checkbox"/> A24E PAVEMENT MARKINGS WORDS, LIMIT AND YIELD LINES <input type="checkbox"/> A24F PAVEMENT MARKINGS CROSSWALKS <input type="checkbox"/> A24G PAVEMENT MARKINGS CROSSWALKS <input type="checkbox"/> A62A EXCAVATION AND BACKFILL MISCELLANEOUS DETAILS <input type="checkbox"/> A62B LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL BRIDGE SURCHARGE AND WALL <input type="checkbox"/> A62C LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL BRIDGE <input type="checkbox"/> A62D EXCAVATION AND BACKFILL CONCRETE PIPE CULVERTS <input type="checkbox"/> A62DA EXCAVATION AND BACKFILL CONCRETE PIPE CULVERTS INDIRECT DESIGN METHOD <input type="checkbox"/> A62E EXCAVATION AND BACKFILL CAST-IN-PLACE REINFORCED CONCRETE BOX AND ARCH CULVERTS <input type="checkbox"/> A62F EXCAVATION AND BACKFILL METAL AND PLASTIC CULVERTS <input type="checkbox"/> A62G EXCAVATION AND BACKFILL PRECAST REINFORCED CONCRETE BOX CULVERTS <input type="checkbox"/> A73A OBJECT MARKERS <input type="checkbox"/> A73B MARKERS <input type="checkbox"/> A73C DELINEATORS, CHANNELIZERS, AND BARRICADES <input type="checkbox"/> A74 SURVEY MONUMENTS <input type="checkbox"/> A78A THRIE BEAM BARRIER STANDARD RAILING SECTION (WOOD POST WITH WOOD BLOCK) <input type="checkbox"/> A78C1 THRIE BEAM BARRIER STANDARD HARDWARE DETAILS <input type="checkbox"/> A78C2 THRIE BEAM BARRIER POST AND BLOCK DETAILS <input type="checkbox"/> A78E1 SINGLE THRIE BEAM BARRIER END ANCHOR ASSEMBLY AND TERMINAL SYSTEM END TREATMENT <input type="checkbox"/> A81C CRASH CUSHION, SAND FILLED (BIDIRECTIONAL) <input type="checkbox"/> A85 CHAIN LINK FENCE <input type="checkbox"/> A86 BARBED WIRE AND WIRE MESH FENCES <input type="checkbox"/> A87A CURBS AND DRIVEWAYS <input type="checkbox"/> A87B HOT MIX ASPHALT DIKES <input type="checkbox"/> A88A CURB RAMP DETAILS <input type="checkbox"/> B3-3A RETAINING WALL TYPE 1A - (CASE 1) <input type="checkbox"/> B3-6 RETAINING WALL DETAILS No. 2 <input type="checkbox"/> D73 DRAINAGE INLETS <input type="checkbox"/> D74A DRAINAGE INLETS <input type="checkbox"/> D74B DRAINAGE INLETS <input type="checkbox"/> D74C DRAINAGE INLET DETAILS <input type="checkbox"/> D75A STEEL PIPE INLETS <input type="checkbox"/> D75B CONCRETE PIPE INLETS <input type="checkbox"/> D75C PIPE INLETS LADDER AND TRASH RACK DETAILS <input type="checkbox"/> D77A GRATE DETAILS No. 1 <input type="checkbox"/> D77B GRATE DETAILS No. 2 <input type="checkbox"/> P74 PAVEMENT EDGE TREATMENTS <input type="checkbox"/> P75 PAVEMENT EDGE TREATMENTS - OVERLAYS <input type="checkbox"/> P76 PAVEMENT EDGE TREATMENTS - NEW CONSTRUCTION <input type="checkbox"/> T1A TEMPORARY CRASH CUSHION, SAND FILLED (UNIDIRECTIONAL) <input type="checkbox"/> T1B TEMPORARY CRASH CUSHION, SAND FILLED (BIDIRECTIONAL) <input type="checkbox"/> T2 TEMPORARY CRASH CUSHION, SAND FILLED (SHOULDER INSTALLATIONS) <input type="checkbox"/> T3 TEMPORARY RAILING (TYPE K)		AB AGGREGATE BASE ABUT ABUTMENTS(S) AC ASPHALT CONCRETE AHD AHEAD ALIGN ALIGNMENT ALY ALLEY AP ANGLE POINT APCH APPROACH APPROX APPROXIMATE ± () AS AGGREGATE SUBBASE ASSY ASSEMBLY AV AIR RELEASE VALVE AVE AVENUE BB BEGINNING OF BRIDGE BC BEGIN HORIZONTAL CURVE BCM BRASS CAP MONUMENT BCR BEGIN CURB RETURN BEG BEGINNING) BKF BACKFILL BLDG BUILDING BLVD BOULEVARD BM BENCH MARK BR BRIDGE BS BACK OF SIDEWALK BVC BEGIN VERTICAL CURVE BW BARBED WIRE CA TV CABLE TELEVISION C & G CURB AND GUTTER CC CENTER TO CENTER CF CUBIC FOOT (FEET) CFS CUBIC FEET PER SECOND CHNL CHANNEL CI CITY CIDH CAST-IN DRILLED HOLE CIP CAST IRON PIPE CIPCP CAST-IN-PLACE CONCRETE PIPE C/L (L) CENTER LINE CL CHAIN LINK CLR CLEAR (ING), CLEARANCE CMP CORRUGATED METAL PIPE CMPA CORRUGATED METAL PIPE ARCH CNL CUT NEAT LINE CNS COMPAKTED NATIVE SOIL CO COUNTY COF CITY OF FRESNO COMM COMMERCIAL CONC CONCRETE CONST CONSTRUCT (ION) CONT CONTINUOUS CP CONCRETE PIPE CR CURB RAMP CS COTTON SPINDLE CSP CORRUGATED STEEL PIPE CSPA CORRUGATED STEEL PIPE ARCH CULV CULVERT CY (CU YD) CUBIC YARD(S) DI DRAINAGE INLET DIA DIAMETER DIR DIRECTION DIST DISTANCE DO DRAINAGE OUTLET DRWY DRIVEWAY DTL DETAIL EA EACH EASE EASEMENT EB END OF BRIDGE E/B EAST BOUND EC END HORIZONTAL CURVE ECR END CURB RETURN ED END DIKE ELEV ELEVATION (ELEV) EXISTING ELEVATION EMB EMBANKMENT EP EDGE OF PAVEMENT EQL EQUAL ES EDGE OF SHOULDER ETL EDGE OF TRAVEL LANE EVC END VERTICAL CURVE EW ENDWALL EXC EXCAVATION EXIST / (E) EXISTING EXP JT EXPANSION JOINT EXP JT EXPANSION JOINT FG FINISHED GRADE FH FIRE HYDRANT FL FLOW LINE FRE FRESNO FS FINISH SURFACE FT FOOT (FEET) GAL GALLON (S) GALV GALVANIZED GB GRADE BREAK GP GRADING PLANE GRUB GRUBBING GL GUTTER LIP GW GUY WIRE HORIZ HORIZONTAL HP HINGE POINT HS HIGH STRENGTH HW HEAD WALL HWM HIGH WATER MARK HWY HIGHWAY IB IMPORTED BORROW ID INSIDE DIAMETER IP IRON PIPE IRR IRRIGATION IV IRRIGATION VALVE JP JOINT POLE JT JOINT LBS POUNDS LF LINEAR FOOT L.E. 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GENERAL NOTES				CITY OF FRESNO GENERAL NOTES																										
1. BEFORE COMMENCING EXCAVATION, 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 AND THE CONTRACTOR SHALL VERIFY THE LOCATION, DEPTH AND SIZE OF ALL UTILITIES IN THE WORK AREA. 2. TWO WORKING DAYS BEFORE PERFORMING ANY EXCAVATION THE CONTRACTOR SHALL CALL "USA" (UNDERGROUND SERVICE ALERT) TOLL FREE AT 1-800-227-2600 OR 811. 3. THE CONTRACTOR SHALL NOTIFY THE CITY OF FRESNO CONSTRUCTION MANAGEMENT DIVISION AT (559) 621-5600, A MINIMUM OF 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. 4. SAW-CUT AND DEMOLITION AREAS ARE TO BE VERIFIED BY THE ENGINEER PRIOR TO DEMOLITION. ANY ADDITIONAL DEMOLITION SHALL BE APPROVED BY THE ENGINEER. 5. THE CONTRACTOR SHALL COORDINATE WITH ANY UTILITY COMPANIES THAT REQUIRE THEIR FACILITIES TO BE ADJUSTED TO GRADE. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING EACH SITE AND IDENTIFYING ANY UTILITIES THAT MAY REQUIRE ADJUSTMENT. ANY UNFORESEEN DELAY SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY IN WRITING. 6. PRIOR TO CONSTRUCTING THE NEW RAMPS, THE CONTRACTOR SHALL VERIFY THE EXISTING GUTTER FLOW LINE DIRECTION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING FLOW DIRECTION AND/OR ELIMINATE ANY POTENTIAL PONDING AND REVERSE FLOW WITHIN THE GUTTER. 7. THE CONTRACTOR SHALL PLACE CAUTION TAPE AND SET UP BARRICADES WITH APPROPRIATE SIDEWALK CLOSURE SIGNS PER CURRENT VERSION OF CA MUTCD SURROUNDING EACH SITE UNDER CONSTRUCTION. ADDITIONALLY THE CONTRACTOR SHALL PROVIDE SAFE ALTERNATE AND ADA ACCESSIBLE ROUTES FOR PEDESTRIANS WHILE SITES ARE UNDER CONSTRUCTION. 8. THE CONTRACTOR SHALL RECONSTRUCT EACH SITE WITHIN 7 WORKING DAYS AFTER DEMOLITION. 9. COMPACT NATIVE SOIL TO 95% RELATIVE COMPACTION UNDER CURB, GUTTER, DRIVE APPROACH AND DRIVEWAY PER CALTRANS TEST 216 AND 90% RELATIVE COMPACTION UNDER SIDEWALK AND OTHER PEDESTRIAN AREAS. 10. APPLY TACK COAT TO EXISTING AC AND CONCRETE VERTICAL SURFACES PRIOR TO PAVING. 11. WHEN RESETTING SIGNS WITHIN AREAS TO BE RECONSTRUCTED THE SIGN POSTS SHALL BE INSTALLED WITHIN A 6" (INCH) LONG X 6" (INCH) DIAMETER PVC SLEEVE. PLUG SLEEVE 2" (INCH) FROM TOP WITH CONCRETE AFTER SIGN INSTALLATION. 12. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, 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, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL AND ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL. 13. INSTALL SIDEWALKS, CURBS, AND GUTTERS AS PER CITY OF FRESNO STANDARD DRAWING P-5 AND P-9 AND IN ACCORDANCE WITH DETAILS ON THESE DRAWINGS. CURBS AND GUTTERS SHALL BE CONSTRUCTED BEFORE PLACING THE STREET SURFACING AND BASE COURSE. 14. THE TRANSITION BETWEEN THE EDGE AND END OF THE REQUIRED STREET SURFACING AND THE EXISTING SURFACING OR GROUND SHALL NOT HAVE A SLOPE STEEPER THAN 5 PERCENT. 15. TRAFFIC REQUIREMENTS A. ALL SIGNING, DETOURING AND BARRICADING SHALL CONFORM TO THE 2014 CALIFORNIA SUPPLEMENT TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES ISSUED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION. B. ALL SIGNS SHALL BE RETROREFLECTIVE PER CHAPTER 2A.08 OF THE 2014 MUTCD. C. HIGH LEVEL WARNING DEVICES SHALL BE USED ON ALL APPROACHES TO THE CONSTRUCTION AREA. D. SPECIAL ATTENTION IS CALLED TO SECTION 7-10.1 THROUGH 10.3 OF THE CITY STANDARD SPECIFICATIONS. E. ONE (1) 12-FOOT DRIVING LANE MUST BE MAINTAINED IN EACH DIRECTION AT ALL TIMES. F. NO PUBLIC STREET SHALL BE CLOSED WITHOUT PRIOR APPROVAL FROM THE CITY TRAFFIC ENGINEER. 19. CONSTRUCT ACCESSIBLE RAMPS AND FINISH RAMP SURFACES AS DIRECTED BY ENGINEER.		<p>GENERAL NOTES, STREET PLANS:</p> <ol style="list-style-type: none"> 1. INSTALL SIDEWALKS, CURBS, AND GUTTERS AS PER CITY OF FRESNO STANDARD DRAWING P-5 AND IN ACCORDANCE WITH DETAILS ON THESE DRAWINGS. CURBS AND GUTTERS SHALL BE CONSTRUCTED BEFORE PLACING THE STREET SURFACING AND BASE COURSE. 2. PERMITS MUST BE OBTAINED AND FEES PAID IN ACCORDANCE WITH ORDINANCES OF THE CITY OF FRESNO. 3. THE TYPICAL CROSS SECTIONS SHOWN SHALL BE USED ONLY FOR THE PAVEMENT STRUCTURAL SECTION, OVERLAY THICKNESS AND SIDE SEE PLAN AND PROFILE SHEETS FOR HORIZONTAL LIMITS AND LOCATIONS OF CURB AND GUTTER, MEDIAN ISLANDS, SAWCUTTING, GRINDING, OVERLAYS, SIDEWALKS, FENCES, ROW LINES, EXISTING FEATURES AND ANY OTHER PROPOSED IMPROVEMENTS. THE TYPICAL CROSS SECTION SHOULD NOT BE USED FOR STAKING OF PROPOSED IMPROVEMENTS. 4. ALL BOUNDARY STREETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THIS PLAN. 5. ANY CONCRETE WORK TO BE CONSTRUCTED SHALL CONFORM TO CITY OF FRESNO STANDARDS ADOPTED BY RESOLUTION No. 70-36, AS REVISED. 6. INSTALL STREET LIGHTING SYSTEM IN ACCORDANCE WITH RESOLUTION No. 78-522 AND 88-229. LOCATION OF LIGHTS TO BE DETERMINED AND APPROVED BY THE TRAFFIC ENGINEER. SERVICE LOCATION TO BE DETERMINED BY P.G. & E. THE STREETLIGHTS SHALL BE INSTALLED IN ACCORDANCE WITH PUBLIC WORKS STANDARDS E-1 THROUGH E-27. 7. EXISTING PAVEMENT SHALL NOT BE REMOVED UNTIL SUCH TIME AS ALL UTILITIES ARE COMPLETED AND PAVING CONTRACTOR IS READY TO REPAIR WITHIN 5 DAYS. 8. ALL STORM DRAINAGE FACILITIES ARE TO BE COMPLETED PRIOR TO START OF STREET WORK AND IN ACCORDANCE WITH FRESNO METROPOLITAN FLOOD CONTROL DISTRICT STANDARD SPECIFICATIONS AND STANDARD PLANS, APRIL 1, 2011 EDITION, AND REVISIONS THERE. 9. CONTRACTOR WILL NOTIFY F.M.F.C.D CONSTRUCTION MANAGER, AT (559) 456-3292, 48 HOURS PRIOR TO CONNECTING TO ANY STORM DRAIN FACILITY. 10. CONSTRUCT ACCESSIBLE RAMPS AND FINISH RAMP SURFACES AS DIRECTED BY ENGINEER. 11. ALL LOWER MANHOLES AFFECTED BY THIS PROJECT SHALL BE ADJUSTED TO GRADE AS NECESSARY BY OTHERS. 12. ALL EXISTING WATER MAIN VALVES (CAV AND LID) SHALL BE ADJUSTED TO GRADE BY OTHERS, FOR COORDINATION WITH WATER DIVISION, CALL (559) 621-5360. 13. TWO WORKING DAYS PRIOR TO COMMENCING EXCAVATION, THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT, TOLL FREE, AT 1-800-227-2600 or 811. 14. AN ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK TO BE PERFORMED IN THE CITY OF FRESNO ROAD RIGHT-OF-WAY. CONTACT THE CITY PERMIT ENGINEER AT (559) 262-4107 TO OBTAIN IF AN ENCROACHMENT PERMIT HAS NOT BEEN OBTAINED WITHIN 12 MONTHS OF THE APPROVAL DATE OF THESE PLANS. ADDITIONAL REVIEW AND REVISIONS TO THE PLANS MAY BE REQUIRED BEFORE PERMIT IS ISSUED. 																												
UTILITY NOTES			<p>ELECTRICAL NOTES</p> <ol style="list-style-type: none"> 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS DATED 2023, AND SECTIONS ES-1 THRU ES-16D OF THE STATE OF CALIFORNIA STANDARD PLANS. 2. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES AND PROVIDE PROTECTION PRIOR TO AND DURING TRENCHING. 3. POTENTIAL OVERHEAD CONFLICT WITH HIGH VOLTAGE LINES MAY EXIST. MAINTAIN PROPER CLEARANCE. CONTACT P.G. & E. TO VERIFY WIRE LOCATION. 4. POLES SHALL BE LOCATED IN THE FIELD BY THE CITY OF FRESNO. NOTIFY TRAFFIC ENGINEERING TWO WORKING DAYS IN ADVANCE AT (559) 621-1312. 5. PULL BOXES SHALL BE NO. 5(E), UNLESS OTHERWISE NOTED ON THE PULL BOXES SHALL NOT BE INSTALLED IN CURB RAMPS. VANDAL RESISTANT LOCKING LIDS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT FINAL INSPECTION OF THE TRAFFIC SIGNAL. CONTRACTOR SHALL PROVIDE TEMPORARY LIDS DURING CONSTRUCTION. LOCKING LIDS SHALL BE GALVANIZED STEEL DIAMOND PLATE, MINIMUM THICKNESS 3/16", WITH MINIMUM TWO (2) CLAMPING JAWS AND BE KEYED TO THE CITY OF FRESNO KEY. ALL PULL BOXES SHALL BE AT A MAXIMUM OF 200' APART. 6. ALL PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL BE SURROUNDED BY A ONE (1) FOOT WIDE CONCRETE COLLAR, TO A DEPTH EQUAL TO THE PULL BOX AND EXTENSION, PER CITY OF FRESNO SPECIFICATIONS, AND SHALL HAVE A VANDAL RESISTANT (SEE NOTE LOCKING LID INSTALLED). ALL CONDUIT ENTRIES INTO ADVANCE DETECTION, INTERMEDIATE DETECTION, AND STREET LIGHTING PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL ENTER THE PULL BOX FROM THE BOTTOM, USING 90 DEGREE ELBOWS AND EXTENDING 3 TO 5 INCHES ABOVE THE FINISHED GROUT. 7. ALL CONDUITS SHALL HAVE BUSHINGS INSTALLED PRIOR TO INSTALLING CONDUCTORS. STEEL CONDUITS SHALL HAVE LAY IN STYLE LUGS THAT ARE CAST INTEGRAL WITH THE BUSHING. 8. CONDUIT BENDS OF 90 DEGREES ARE PROHIBITED UNLESS OTHERWISE NOTED OR WRITTEN PERMISSION IS GIVEN BY THE CITY OF FRESNO ENGINEER 																											
			<p>GENERAL NOTES, SIGNING AND STRIPING:</p> <ol style="list-style-type: none"> 1. WORK SHALL BE DONE IN ACCORDANCE WITH THE 2023 EDITION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS INCLUDING ALL REVISIONS, THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2014 CALIFORNIA MUTCD), THE LATEST EDITION OF THE CITY OF FRESNO STANDARD SPECIFICATIONS AND DRAWINGS, AND THE SPECIAL PROVISIONS. 2. ALL SIGNS SHALL BE 3M-3930HP TYPE III & IV SERIES REFLECTIVE SHEETING AND BE COVERED WITH 1160A PREMIUM OVERLAY ANTI-GRAFFITI FILM OR AVERY DENNISON T6500 SERIES REFLECTIVE SHEETING AND SHALL BE COVERED WITH AVERY DENNISON OL1000ANTI-GRAFFITI OVERLAY FILM. 3. ALL SALVAGED MATERIALS SHALL BE DELIVERED TO THE CITY OF FRESNO CORPORATION YARD AT 2101 G. STREET, FRESNO. THE CONTRACTOR SHALL NOTIFY THE CITY SIGN SHOP, (559) 621-1492, AT LEAST TWO WORKING DAYS PRIOR TO DELIVERY. 4. EXISTING STRIPING, SYMBOLS, LEGENDS, AND MARKINGS TO BE REMOVED SHALL BE DONE BY WET SANDBLASTING, DRY SANDBLASTING MAY BE USED IN SELECTED AREAS ONLY WITH THE PERMISSION OF THE CITY TRAFFIC ENGINEER AND WITH THE APPROVAL OF THE AIR POLLUTION CONTROL DISTRICT. ALTERNATE METHODS OF REMOVAL REQUIRE APPROVAL OF THE CITY TRAFFIC ENGINEER. AFTER REMOVAL, SLURRY SEAL SHALL BE APPLIED TO THE AFFECTED AREAS. 5. WITH THE EXCEPTION OF BIKE LANE SYMBOLS, ALL STRIPING SHALL BE THERMOPLASTIC. 6. ALL CROSSWALKS SHALL BE 12 FEET WIDE, OUTSIDE EDGE TO OUTSIDE EDGE. 7. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW TYPE K-1 (CA) MARKERS ON ALL MEDIAN ISLAND NOSES, UNLESS OTHERWISE NOTED ON THE PLAN. 8. THE CONTRACTOR SHALL INSTALL DETAIL 26 (RETRO-REFLECTIVE PAVEMENT MARKERS) ALONG ALL RAISED MEDIANS, AS PER 2014 CALIFORNIA MUTCD. 9. THE CONTRACTOR SHALL PAINT THE RADII OF ALL RAISED MEDIAN ISLAND NOSES WITH TWO COATS OF YELLOW TRAFFIC PAINT WITH RETRO REFLECTIVE GLASS BEADS, UNLESS OTHERWISE NOTED ON THE PLAN. 10. SIGNS SHALL BE INSTALLED PER CITY STANDARD DRAWING P-88, UNLESS OTHERWISE NOTED ON THE PLANS. 11. ALL R28(S)CA SIGNS SHALL BE "TOW-AWAY/NO STOPPING ANY TIME" SIGNS PER CITY STANDARD DRAWING P-91. 																											
<table border="1"> <tr> <th>DESIGNED: KCS</th> <th>DATE</th> <th>RECORD DRAWING</th> </tr> <tr> <td>12/17/24</td> <td></td> <td>RESIDENT ENGINEER</td> </tr> <tr> <td>DRAWN: KCS</td> <td>12/17/24</td> <td></td> </tr> <tr> <td>CHECKED: SA</td> <td>12/17/24</td> <td></td> </tr> </table> <p>FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.</p>	DESIGNED: KCS	DATE	RECORD DRAWING	12/17/24		RESIDENT ENGINEER	DRAWN: KCS	12/17/24		CHECKED: SA	12/17/24		<table border="1"> <tr> <th>SCALE</th> <th>SUPERVISING ENGINEER</th> <th>DATE</th> </tr> <tr> <td></td> <td></td> <td>12-17-24</td> </tr> </table>	SCALE	SUPERVISING ENGINEER	DATE			12-17-24	<table border="1"> <tr> <th>PROJECT</th> <th>DEPARTMENT OF PUBLIC WORKS AND PLANNING</th> </tr> <tr> <td>ATP HERNDON-BARSTOW ELEMENTARY HAWK</td> <td>GENERAL NOTES</td> </tr> <tr> <td>ROAD NO.</td> <td>BRIDGE NO.</td> </tr> <tr> <td>DRAWING NO. 11326</td> <td>SHEET NO. 03</td> </tr> <tr> <td colspan="2">TOTAL 17</td> </tr> </table>	PROJECT	DEPARTMENT OF PUBLIC WORKS AND PLANNING	ATP HERNDON-BARSTOW ELEMENTARY HAWK	GENERAL NOTES	ROAD NO.	BRIDGE NO.	DRAWING NO. 11326	SHEET NO. 03	TOTAL 17	
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SEE DETAIL BELOW FOR DANTE CLUB R/W AGREEMENT

P/L

CONTROL POINT 101

CONTROL POINT 102

W MESA AVE

BULLARD AVE

W

STA 10+00.00 N: 2186439.13 E: 6293426.79

CONTROL POINT 737

10+00 11+00 12+00 13+00 14+00

15+00 16+00 17+00 18+00 19+00 20+00

21+00 22+00 23+00 24+00 25+00 26+00 27+00 28+00 29+00 30+00

31+00 32+00 33+00 34+00 35+00 36+00

STA 16+39.93 N: 2183799.37 E: 6293368.33

CONTROL POINT 100

CONTROL POINT 768

L1

G LINE

N GRANTLAND AVE

SURVEY CONTROL:

BASIS OF BEARINGS:

THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 4 TOWNSHIP 13 SOUTH, RANGE 11 EAST, MOUNT DIABLO BASE AND MERIDIAN WAS ASSUMED TO BEAR S 00°39'01" W.

BASIS OF VERTICAL CONTROL

CITY OF FRESNO BENCH MARK TBM, 4768, A CHISELED BOX ON A CONCRETE MEDIAN CURB, ON THE WEST SIDE OF THE MEDIAN ISLAND, NEAR THE SOUTH PROPERTY LINE PROJECTION OF HERNDON BARSTOW SCHOOL, HAS AN NGVD29 ELEVATION OF 288.229' PER CITY OF FRESNO BENCHMARK RECORDS.

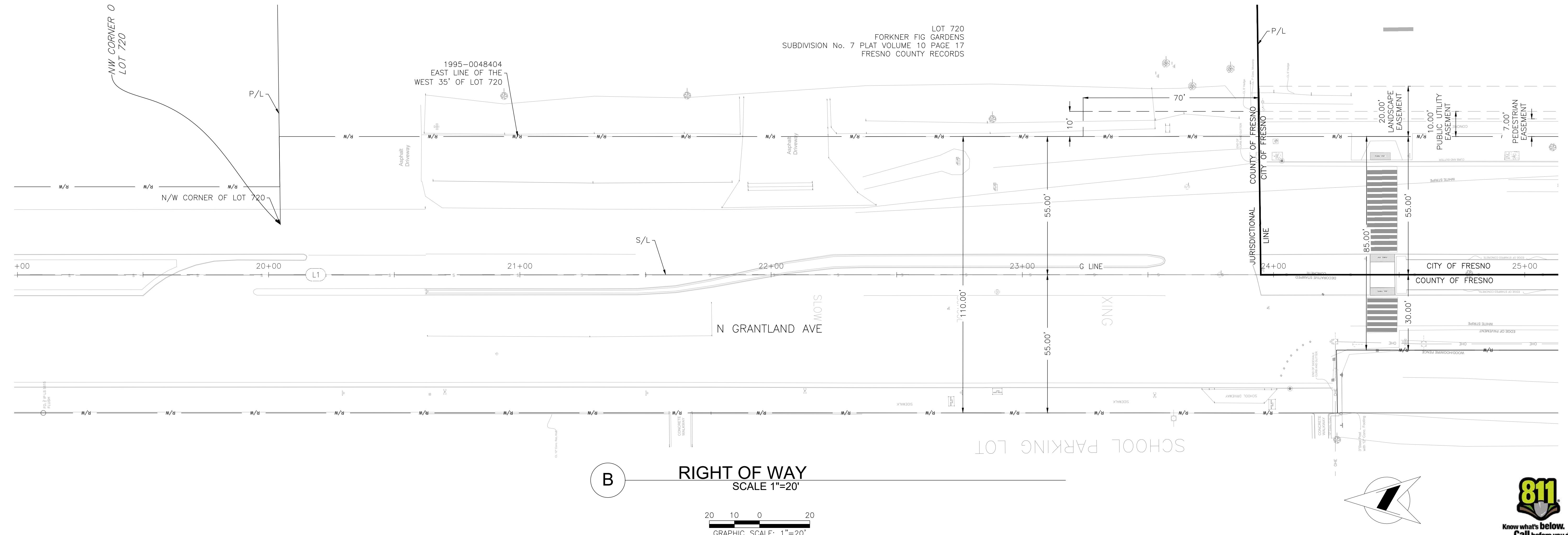
HORIZONTAL CONTROL

SCALE 1"=100'

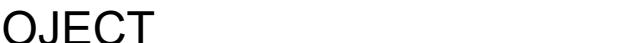
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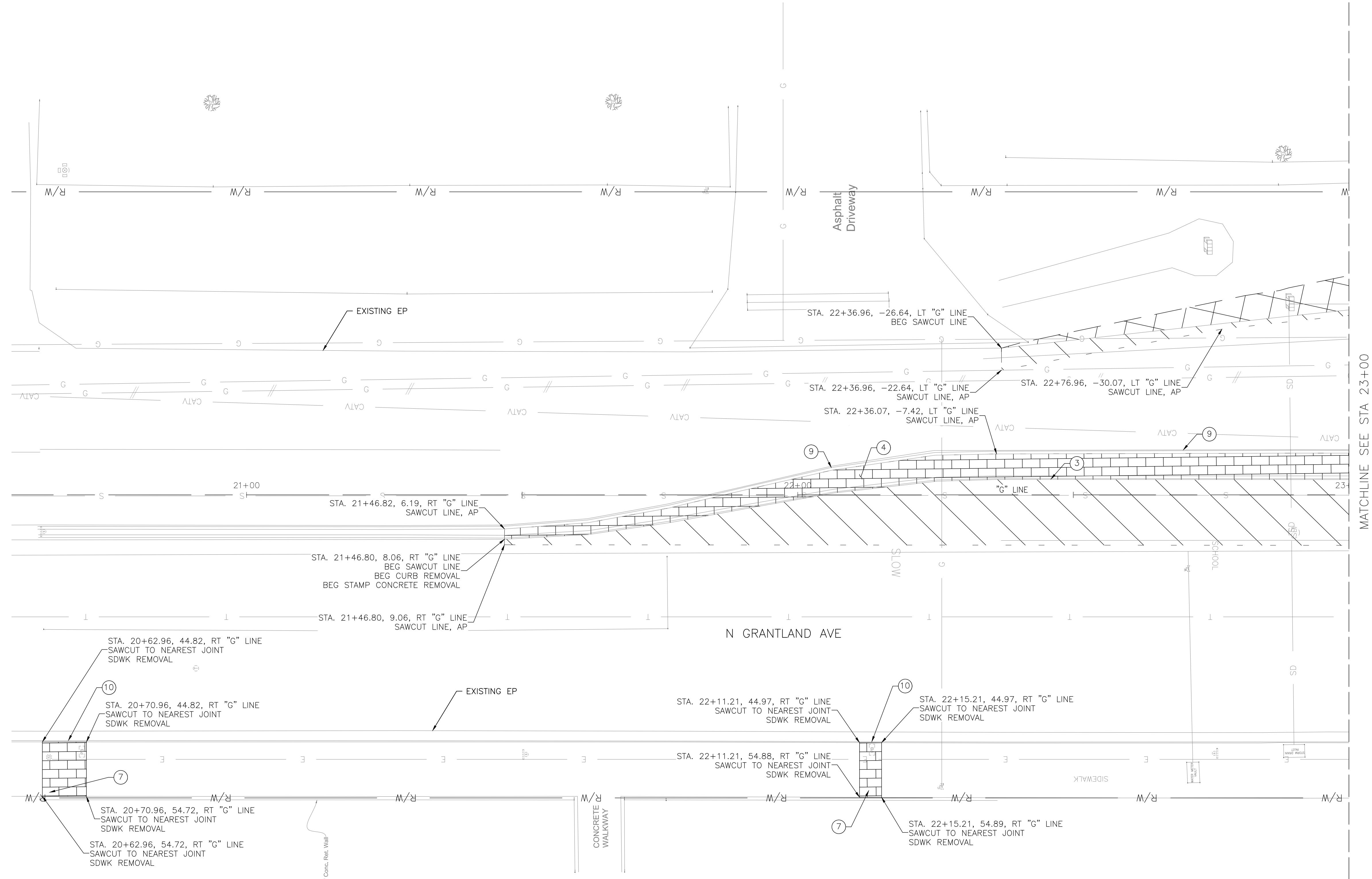
GRAPHIC SCALE: 1"=100'

G LINE - LINE TABLE			
NUMBER	LENGTH	LINE/CHORD	DIRECTION
L1	2639.93'	S00°39'00.91	W



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

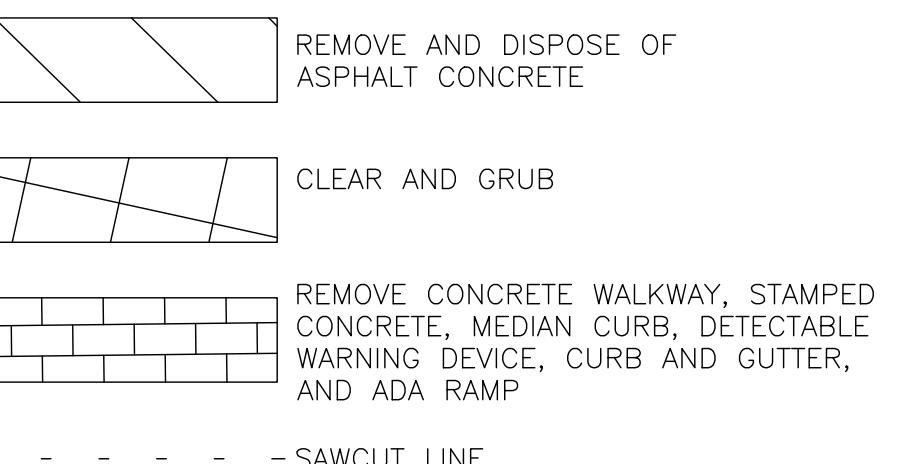
		DATE	RECORD DRAWING		SCALE	PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING			
DESIGNED: KCS		12/17/24	RESIDENT ENGINEER		DATE	 12-17-24		 No. C76724			
DRAWN: KCS		12/17/24			DATE						
CHECKED: SA		12/17/24			DATE						
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.						ATP HERNDON-BARSTOW ELEMENTARY HAWK		HORIZONTAL CONTROL		HC-1	
						ROAD NO.		BRIDGE NO.		DRAWING NO. 1326	
										SHEET NO. 05	
										TOTAL 17	



DEMOLITION NOTES:

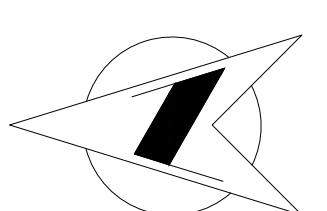
- REMOVE AND DISPOSE OF CONCRETE ADA RAMP
- REMOVE AND DISPOSE OF CONCRETE WALKWAY
- REMOVE AND DISPOSE OF CONCRETE CURB
- REMOVE AND DISPOSE OF STAMPED CONCRETE
- REMOVE AND DISPOSE OF CONCRETE CURB AND GUTTER
- REMOVE AND DISPOSE OF TRUNCATED DOMES
- REMOVE AND DISPOSE OF SIDEWALK
- REMOVE AND REPLACE CHANNELIZERS
- PROTECT MEDIAN CURB IN PLACE
- PROTECT CURB AND GUTTER IN PLACE

DEMOLITION LEGEND:

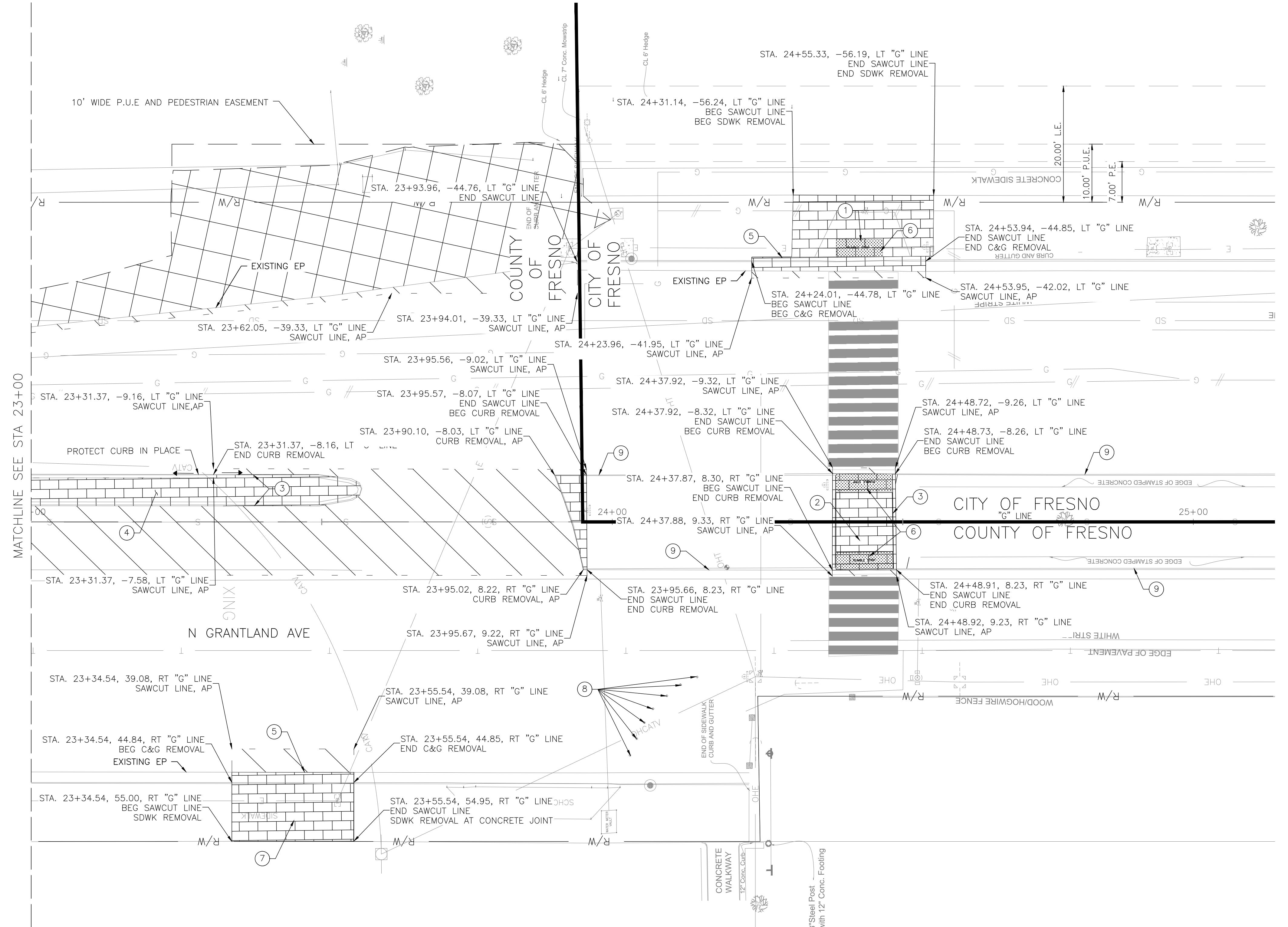


GENERAL NOTES:

- 1) FOR SIGNAGE AND STRIPING DEMOLITION AND IMPROVEMENTS SEE SHEET 11-13
- 2) FOR UTILITY DEMOLITION AND IMPROVEMENTS SEE SHEET 10
- 3) FOR IMPROVEMENTS SEE SHEET 08-09



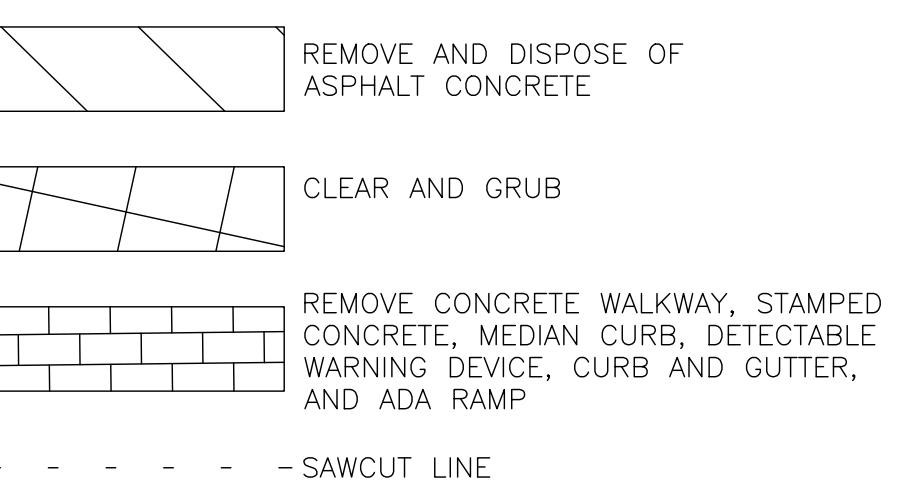
		DATE	RECORD DRAWING		SCALE	PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING						
DESIGNED: KCS		12/17/24	RESIDENT ENGINEER		DATE	 <small>GRAPHIC SCALE: 1"=10'</small>				DEMOLITION PLAN				
DRAWN: KCS		12/17/24										D-1		
CHECKED: SA		12/17/24												
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.										ROAD NO.	BRIDGE NO.	DRAWING NO. 1326	SHET NO. 06	TOTAL 17



DEMOLITION NOTES:

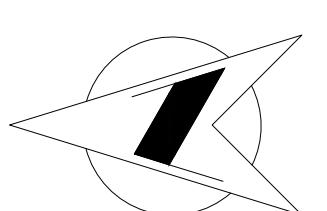
- ① REMOVE AND DISPOSE OF CONCRETE ADA RAMP
- ② REMOVE AND DISPOSE OF CONCRETE WALKWAY
- ③ REMOVE AND DISPOSE OF CONCRETE CURB
- ④ REMOVE AND DISPOSE OF STAMPED CONCRETE
- ⑤ REMOVE AND DISPOSE OF CONCRETE CURB AND GUTTER
- ⑥ REMOVE AND DISPOSE OF TRUNCATED DOMES
- ⑦ REMOVE AND DISPOSE OF SIDEWALK
- ⑧ REMOVE AND REPLACE CHANNELIZERS
- ⑨ PROTECT MEDIAN CURB IN PLACE
- ⑩ PROTECT CURB AND GUTTER IN PLACE

DEMOLITION LEGEND:

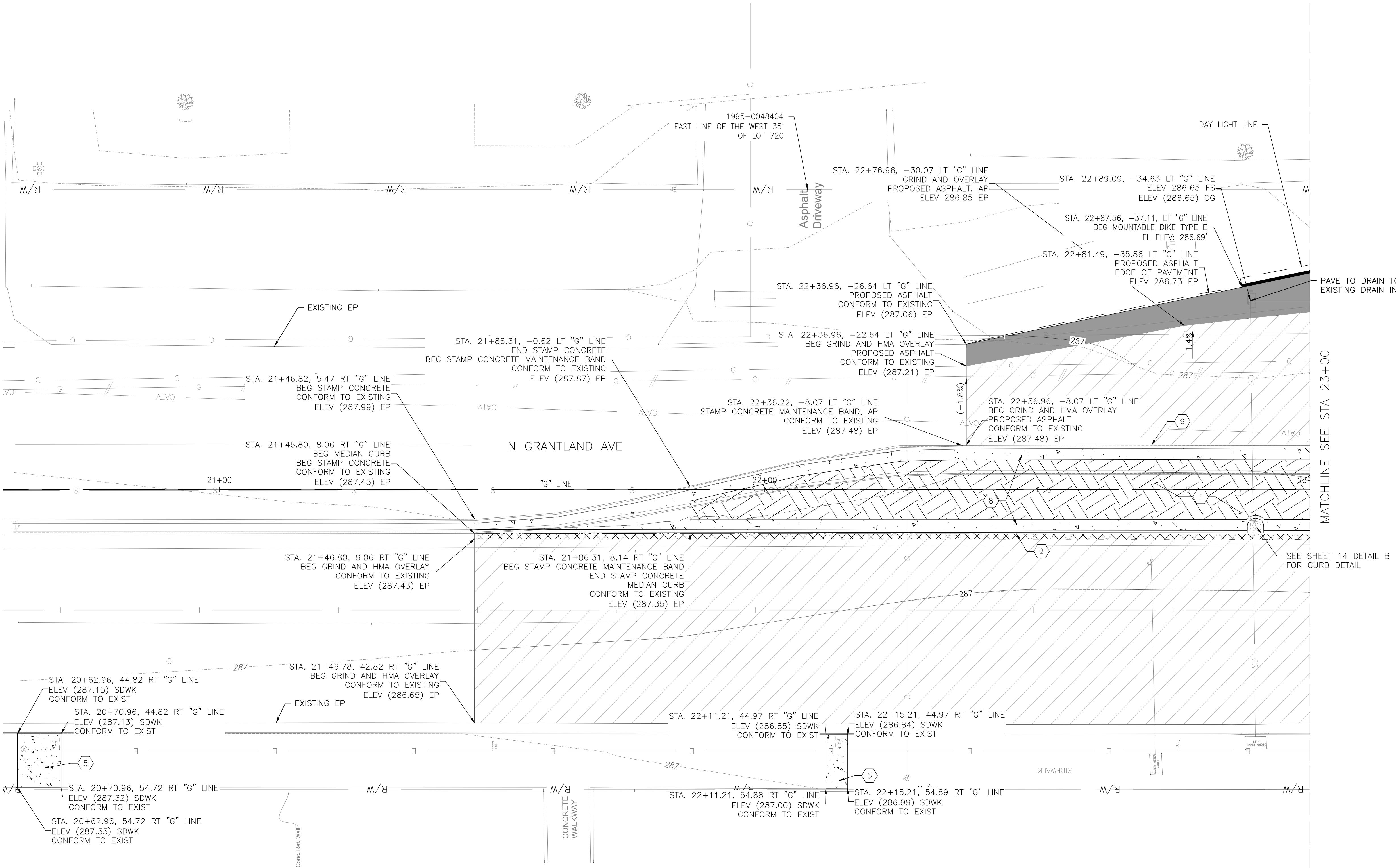


GENERAL NOTES:

- 1) FOR SIGNAGE AND STRIPING DEMOLITION AND IMPROVEMENTS SEE SHEET 11-13
- 2) FOR UTILITY DEMOLITION AND IMPROVEMENTS SEE SHEET 10
- 3) FOR IMPROVEMENTS SEE SHEET 08-09



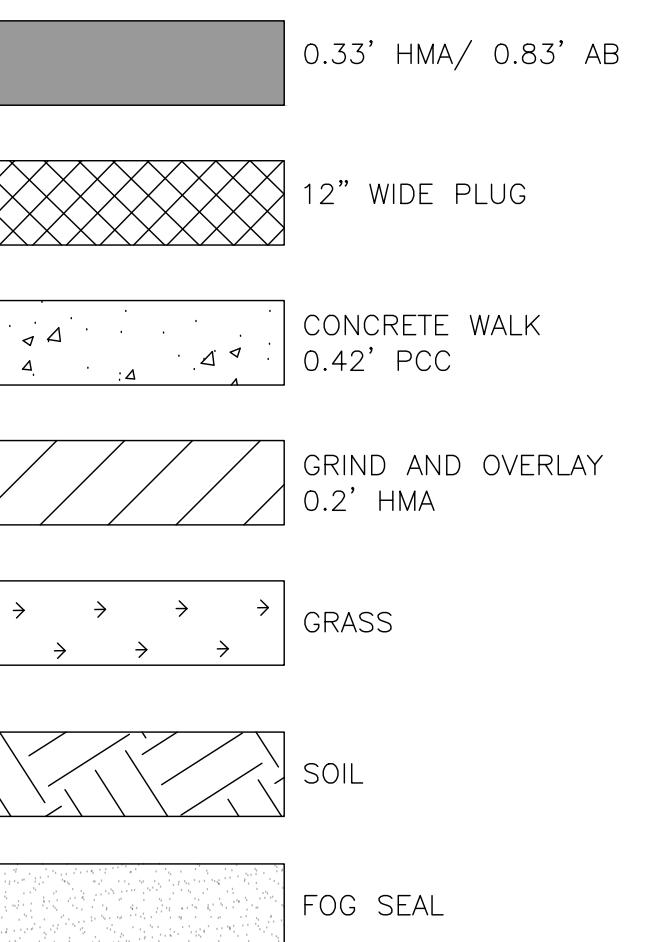
DESIGNED: KCS	DATE	RECORD DRAWING		SCALE	SUPERVISING ENGINEER	PROJECT	DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DRAWN: KCS	12/17/24	RESIDENT ENGINEER	DATE	10 5 0 10		12-17-24	DATE	DEMOLITION PLAN	D-2
CHECKED: SA	12/17/24			GRAPHIC SCALE: 1"=10'		REGISTERED PROFESSIONAL ENGINEER No. C76724 SEBASTIAN A. ARATA CIVIL STATE OF CALIFORNIA	ROAD NO.	BRIDGE NO.	DRAWING NO. 11326 SHEET NO. 07 TOTAL 17



CONSTRUCTION NOTES:

- ① BACKFILL WITH SOIL AND COMPACT TO 85%
- ② CONSTRUCT CONCRETE MEDIAN ISLAND CURB PER CITY OF FRESNO STD DRAWING P-9
- ③ CONSTRUCT CONCRETE CURB AND GUTTER PER CITY OF FRESNO STD DRAWING P-5
- ④ CONSTRUCT ADA RAMP PER CITY OF FRESNO STD DRAWING P-28
- ⑤ CONSTRUCT 5' WIDE CONCRETE SIDEWALK PER CITY PLAN OF FRESNO STD DRAWING P-5 DIMENSIONS PER
- ⑥ FURNISH AND INSTALL DETECTABLE WARNING DEVICES PER CITY OF FRESNO STD DRAWING P-32
- ⑦ FURNISH AND INSTALL BOLLARD PER CITY OF FRESNO STD DRAWING P-61
- ⑧ CONSTRUCT 2' STAMPED CONCRETE MAINTENANCE BAND PER CITY OF FRESNO STD DRAWING P-9
- ⑨ PROTECT EXISTING MEDIAN CURB IN PLACE
- ⑩ CONTROLLER PAD. REFER TO TRAFFIC SIGNAL PLANS FOR NECESSARY UNDERGROUND SEE SHEET 15-17.
- ⑪ SIGNAL POLES PER TRAFFIC SIGNAL PLANS SEE SHEET 15-17

CONSTRUCTION LEGEND:

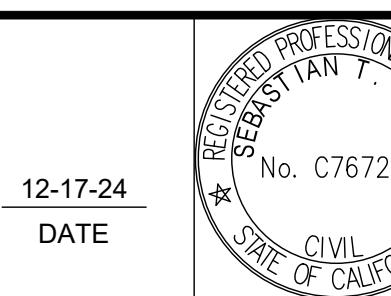


GENERAL NOTES:

- 1) FOR SIGNAGE AND STRIPING DEMOLITION AND IMPROVEMENTS SEE SHEET 11-13.
- 2) FOR UTILITY DEMOLITION AND IMPROVEMENTS SEE SHEET 10.
- 3) ALL STATION OFFSET ARE AT EDGE OF PAVEMENT, FLOW LINE AND SAWCUT LINES.
- 4) SEE SHEET 14 FOR GRADING ON CURB RAMPS AND WALKWAY.



DESIGNED: KCS	DATE	RECORD DRAWING		SCALE	SUPERVISING ENGINEER	PROJECT	DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: KCS	12/17/24	RESIDENT ENGINEER					CONSTRUCTION PLAN	
CHECKED: SA	12/17/24						L-1	
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.								
				10 5 0 10	GRAPHIC SCALE: 1"=10'	12-17-24	ROAD NO.	BRIDGE NO.
						12-17-24		
							DRAWING NO. 11326	SHEET NO. 08
								TOTAL 17

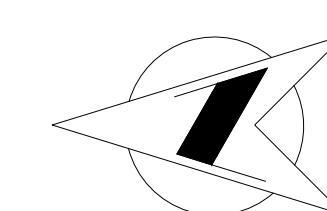


MATCHLINE SEE STA 23+00

12/17/2024 8:50 AM - CARMONA, ERIK

MATCHLINE SEE STA 23+0

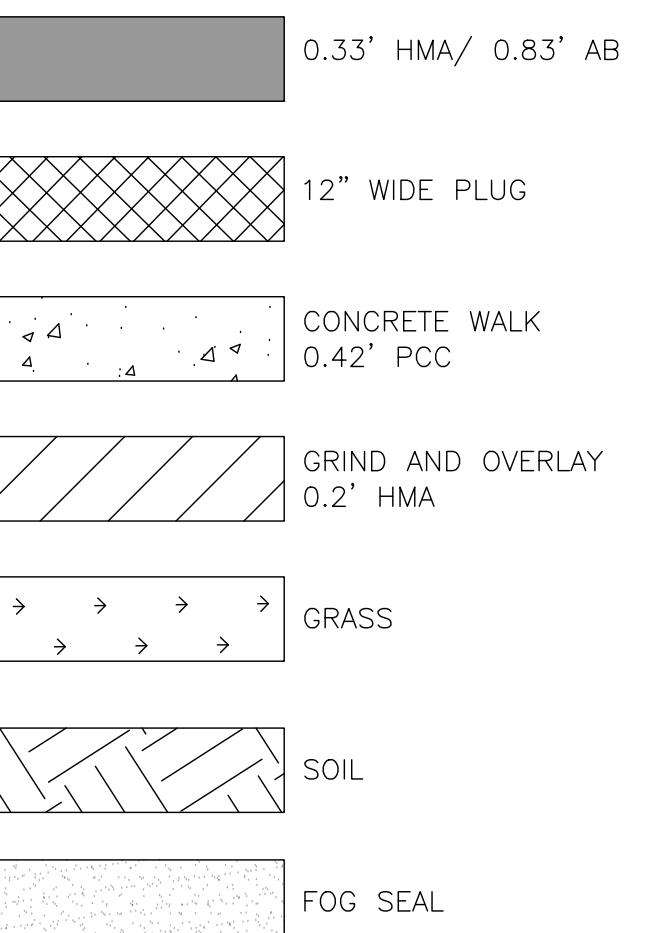
DESIGN DRAWN CHECKED



CONSTRUCTION NOTES:

- 1 BACKFILL WITH SOIL AND COMPACT TO 85%
- 2 CONSTRUCT CONCRETE MEDIAN ISLAND CURB PER CITY OF FRESNO STD DRAWING P-9
- 3 CONSTRUCT CONCRETE CURB AND GUTTER PER CITY OF FRESNO STD DRAWING P-5
- 4 CONSTRUCT ADA RAMP PER CITY OF FRESNO STD DRAWING P-28
- 5 CONSTRUCT 5' WIDE CONCRETE SIDEWALK PER CITY PLAN OF FRESNO STD DRAWING P-5 DIMENSIONS PER
- 6 FURNISH AND INSTALL DETECTABLE WARNING DEVICES PER CITY OF FRESNO STD DRAWING P-32
- 7 FURNISH AND INSTALL BOLLARD PER CITY OF FRESNO STD DRAWING P-61
- 8 CONSTRUCT 2' STAMPED CONCRETE MAINTENANCE BAND PER CITY OF FRESNO STD DRAWING P-9
- 9 PROTECT EXISTING MEDIAN CURB IN PLACE
- 10 CONTROLLER PAD. REFER TO TRAFFIC SIGNAL PLANS FOR NECESSARY UNDERGROUND SEE SHEET 15-17.
- 11 SIGNAL POLES PER TRAFFIC SIGNAL PLANS SEE SHEET 15-17

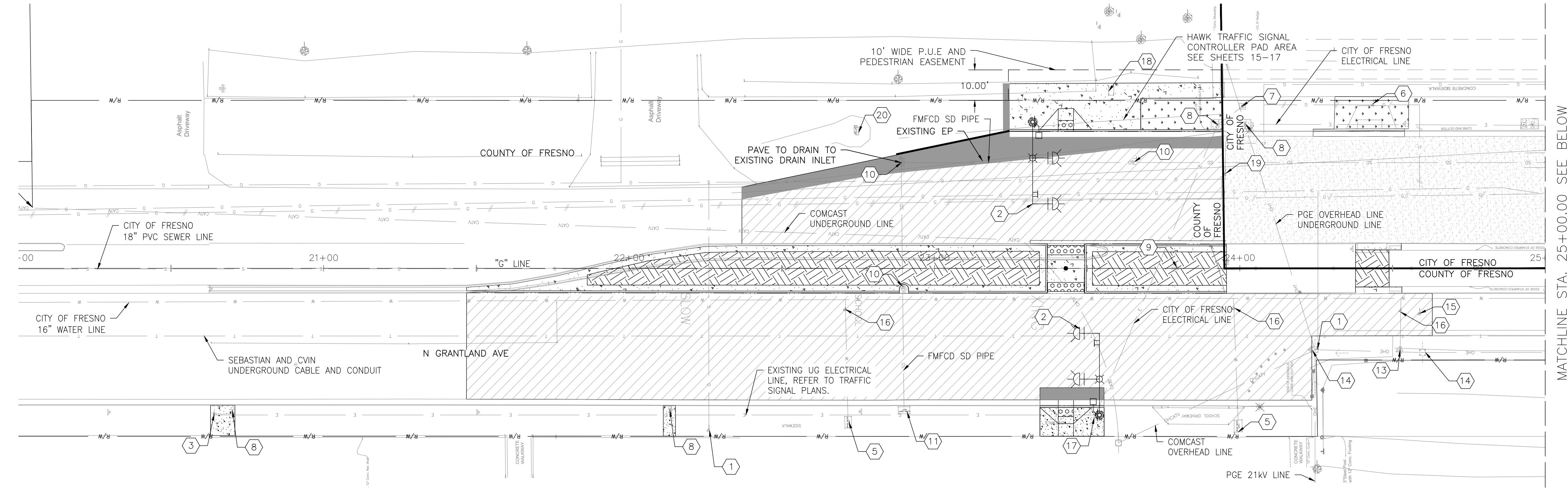
CONSTRUCTION LEGEND:



GENERAL NOTES:

- 1) FOR SIGNAGE AND STRIPING DEMOLITION AND IMPROVEMENTS SEE SHEET 11-13.
- 2) FOR UTILITY DEMOLITION AND IMPROVEMENTS SEE SHEET 10.
- 3) ALL STATION OFFSET ARE AT EDGE OF PAVEMENT, FLOW LINE AND SAWCUT LINES.
- 4) SEE SHEET 14 FOR GRADING ON CURB RAMPS AND WALKWAY

		DATE	RECORD DRAWING		SCALE	PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING							
DESIGNED: KCS		12/17/24	RESIDENT ENGINEER		DATE	 GRAPHIC SCALE: 1"=10'		 SUPERVISING ENGINEER		PROJECT ATP HERNDON-BARSTOW ELEMENTARY HAWK CONSTRUCTION PLAN L2					
DRAWN: KCS		12/17/24													
CHECKED: SA		12/17/24													
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.															
				ROAD NO.		BRIDGE NO.		DRAWING NO.		SHEET NO.		09	TOTAL	17	

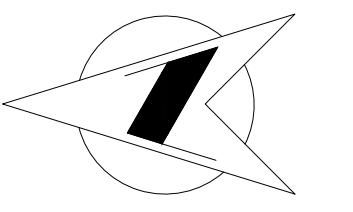


UTILITY NOTES:

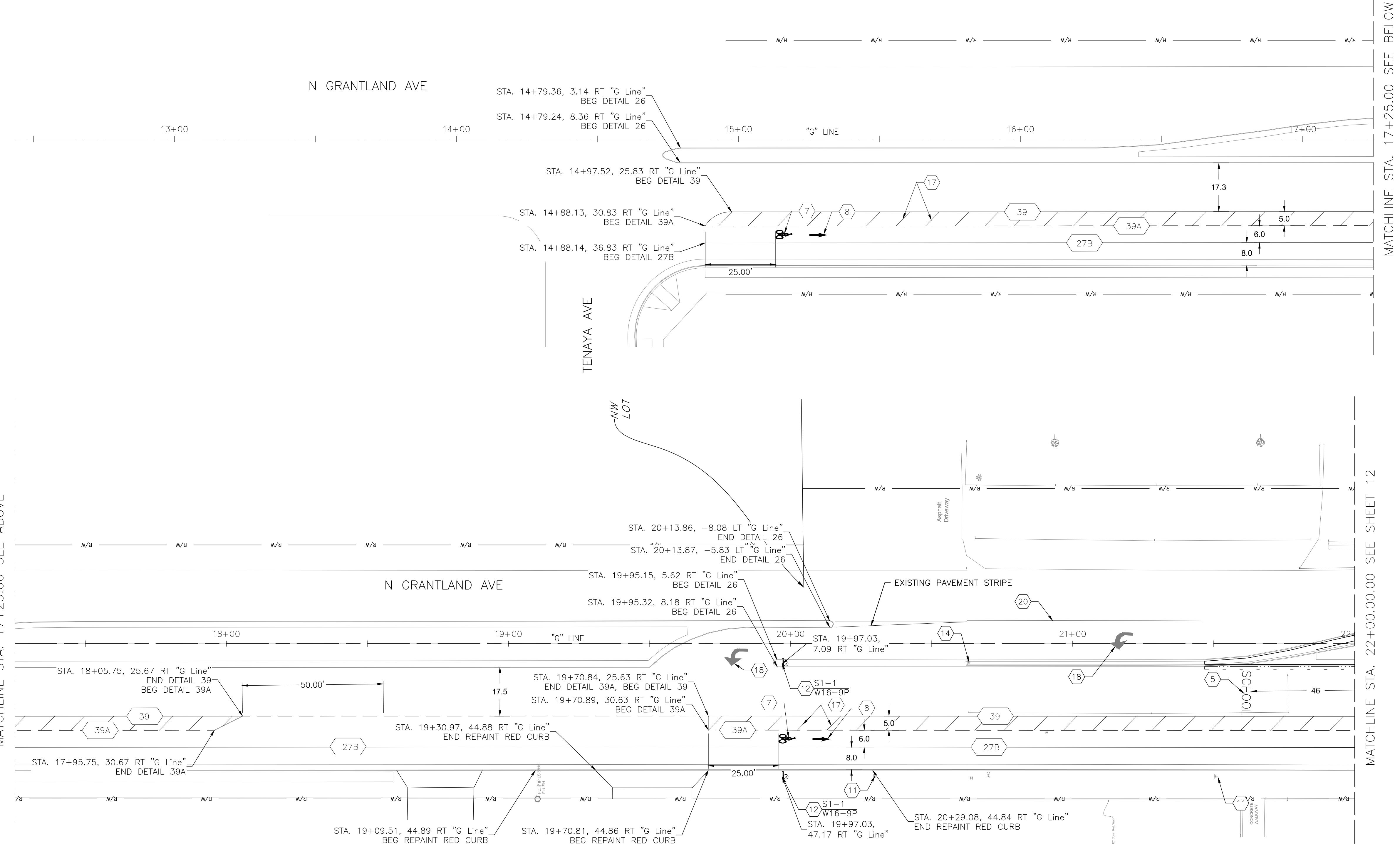
- ① PROTECT GAS VALVE IN PLACE
- ② FURNISH AND INSTALL HIGH-INTENSITY ACTIVATED CROSSWALK PER CITY OF FRESNO STD DRAWING E-24C AND SHEET 15-17, TRAFFIC SIGNAL PLANS
- ③ REMOVE EXISTING FLASHING BEACON POLE
REFER TO TRAFFIC SIGNAL PLANS SEE SHEETS 15-17
- ④ PROTECT STREET LIGHT IN PLACE
- ⑤ PROTECT WATER METER VAULT IN PLACE
- ⑥ REMOVE AND DISPOSE ABANDONED GAS VALVE BY OTHERS
- ⑦ REMOVE AND SALVAGE EXISTING CABINET TO THE CITY OF FRESNO. REFER TO TRAFFIC SIGNAL PLANS SHEET 15-17
- ⑧ REMOVE AND DISPOSE, REFER TO TRAFFIC SIGNAL PLANS SEE SHEET 15-17.
- ⑨ ADJUST SEWER MANHOLE LID TO GRADE BY OTHERS
- ⑩ ADJUST STORM DRAIN MANHOLE LID TO GRADE
- ⑪ PROTECT STORM DRAIN INLET IN PLACE
- ⑫ PROTECT WATER VALVE IN PLACE
- ⑬ PROTECT FIRE HYDRANT IN PLACE
- ⑭ PROTECT UTILITY POLE IN PLACE
- ⑮ PROTECT GAS ANODE LID IN PLACE SAWCUT SQUARE SECTION
+/- 12" OF AC AROUND LID PRIOR TO HMA GRIND
- ⑯ ADJUST WATER VALVE LID TO GRADE BY OTHERS
- ⑰ REMOVE AND DISPOSE OF PULL BOX SEE CONSTRUCTIONS NOTES SHEET 15 FOR MORE DETAILS
- ⑱ ADJUST ELECTRIC VAULT TO GRADE BY OTHERS
- ⑲ PROTECT GAS VALVE LID IN PLACE
- ⑳ EXISTING PRIVATE DRAIN INLET, PROTECT IN PLACE

GENERAL NOTES:

- 1) FOR SIGNAGE AND STRIPING DEMOLITION AND IMPROVEMENTS SEE SHEET 11-13
- 2) FOR DEMOLITION SEE SHEET 06-07
- 3) FOR IMPROVEMENTS SEE SHEET 08-09
- 4) SEE SHEET 15-17 FOR TRAFFIC SIGNAL PLANS



		DATE	RECORD DRAWING		SCALE	PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING								
DESIGNED: KCS		12/17/24	RESIDENT ENGINEER	DATE	 GRAPHIC SCALE: 1"=20'		ATLANTIC CITY ELEMENTARY HAWK		UTILITY PLAN							
DRAWN: KCS		12/17/24						U-1								
CHECKED: SA		12/17/24														
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.										ROAD NO.	BRIDGE NO.	DRAWING NO.	11326	HEET NO.	10	TOTAL 17

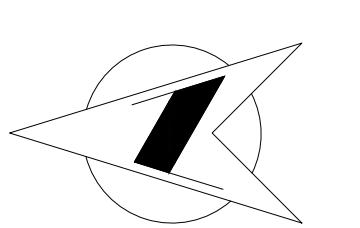


SIGNAGE AND STRIPING NOTES:

- 1 REMOVE EXISTING CROSSWALK MARKINGS (GRIND). PROVIDE PROPER NOTIFICATION BEFORE REMOVAL PER STATE REQUIREMENTS
- 2 REMOVE EXISTING MARKINGS
- 3 INSTALL HIGH VISIBILITY CROSSWALK (YELLOW CONTINENTAL) PER CALTRANS A24F
- 4 INSTALL "XING" MARKING (YELLOW) PER CALTRANS STD DRAWING A24
- 5 INSTALL "SCHOOL" MARKING (YELLOW) PER CALTRANS STD DRAWING ,
- 6 FURNISH AND INSTALL ROADWAY SIGN AND POST PER CITY OF FRESNO STD DRAWING P-91(NO STOPPING ANYTIME)
- 7 INSTALL BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD DRAWING A24C
- 8 INSTALL BIKE LANE ARROW MARKING PER CALTRANS STD DRAWING A24A
- 9 INSTALL 8" WHITE DIAGONAL MARKING EVERY 20 FEET
- 10 INSTALL 12" STOP LINE PER CALTRANS STD DRAWING A24G AND CITY OF FRESNO STD DRAWING E-24C
- 11 1 PROTECT EXISTING SIGN IN PLACE
- 12 2 FURNISH AND INSTALL ROADWAY SIGN AND POST (SIGN DETAIL No. SHOWN, TYP)
- 13 3 FURNISH AND INSTALL OVERHEAD HAWK SIGNAL SIGN (SIGN DETAIL No. SHOWN, TYP)
- 14 4 REMOVE AND DISPOSE SIGN
- 15 5 PLACE (3) BANDS OF YELLOW RETRO-REFLECTIVE TAPE AT 3" SPACING
- 16 6 INSTALL TYPE VI ARROW PER CALTRANS STD DRAWING A24A
- 17 7 INSTALL 6" WHITE DIAGONAL MARKING EVERY 10 FEET
- 18 8 PROTECT EXISTING PAVEMENT MARKING IN PLACE
- 19 9 INSTALL 8" WHITE DIAGONAL MARKING EVERY 5 FEET
- 20 10 PROTECT EXISTING PAVEMENT STRIPE IN PLACE
- 21 11 REMOVE AND DISPOSE SIGN AND POST, REPLACE WITH NEW P (CA) MARKER SIGN ON NEW POLE
- 22 12 INSTALL CHANNELIZERS PER CALTRANS A73C IN SAME LOCATION AS REMOVED CHANNELIZERS
- 23 13 INSTALL THERMOPLASTIC STRIPING PER CALTRANS STANDARD PLANS (DETAIL NO. SHOWN, TYP)
- BEGIN/END OF TRAFFIC STRIPE DETAIL
- CHANGE OF TRAFFIC STRIPE DETAIL
- INSTALL TRAFFIC SIGN
- REMOVE STRIPE OR MARKING

GENERAL NOTES:

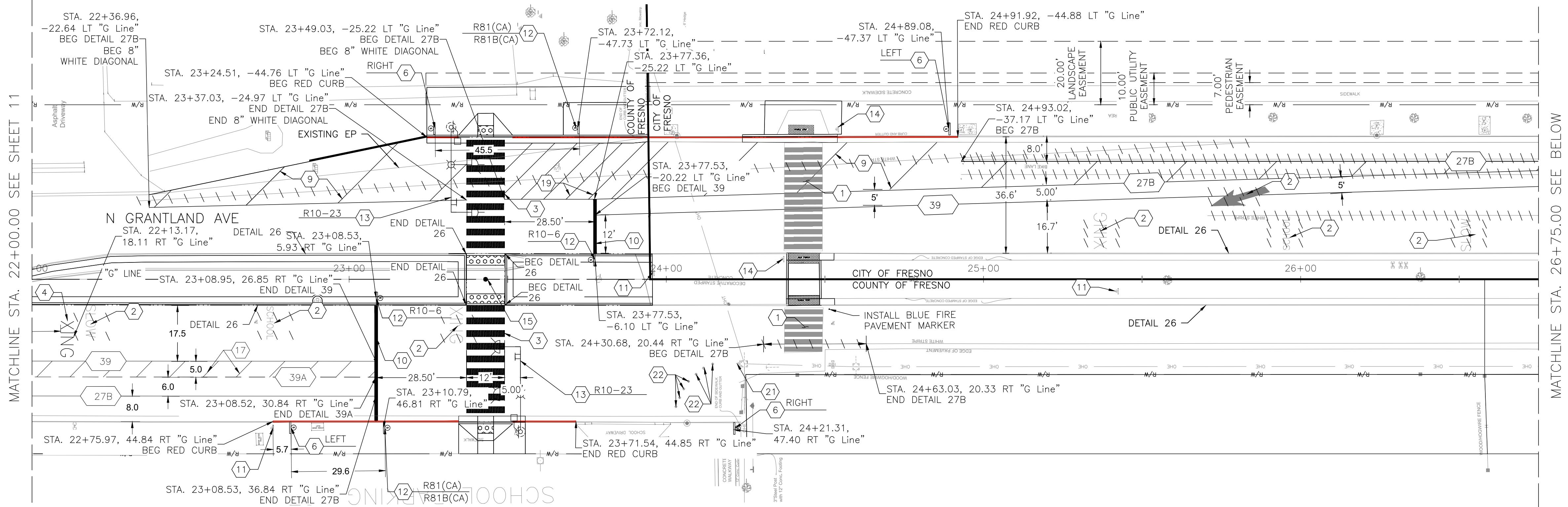
- 1) FOR UTILITY DEMOLITION AND IMPROVEMENTS SEE SHEET 10
- 2) FOR DEMOLITION SEE SHEET 06
- 3) FOR IMPROVEMENTS SEE SHEET 08
- 4) THE MINIMUM HEIGHT, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE TOP OF THE CURB, OR IN THE ABSENCE OF CURB, MEASURED VERTICALLY FORM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAVELED WAY, OF SIGNS INSTALLED AT THE SIDE OF THE ROAD, SHALL BE 7 FEET.
- 5) REMOVE EXISTING MARKERS ALONG MEDIAN (DETAIL 26), FROM STATION 14+79 TO STATION 35+72.
- 6) DETAIL 39 AND 39A SHALL BE STRIPE IN PAINT ON COUNTY JURISDICTION AND STRIPE IN THERMOPLASTIC ON CITY OF FRESNO JURISDICTION.



		DATE	RECORD DRAWING		SCALE	PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING			
DESIGNED: KCS		12/17/24	RESIDENT ENGINEER		DATE	  GRAPHIC SCALE: 1"=20'		 No. C76724			
DRAWN: KCS		12/17/24			DATE						
CHECKED: SA		12/17/24			DATE						
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.						ATP HERNDON-BARSTOW ELEMENTARY HAWK		SIGNAGE AND STRIPING PLAN		SS-1	
						12-17-24		DATE			
						SUPERVISING ENGINEER		ROAD NO.		BRIDGE NO.	
								DRAWING NO. 11326		HEET NO. 1	TOTAL 17

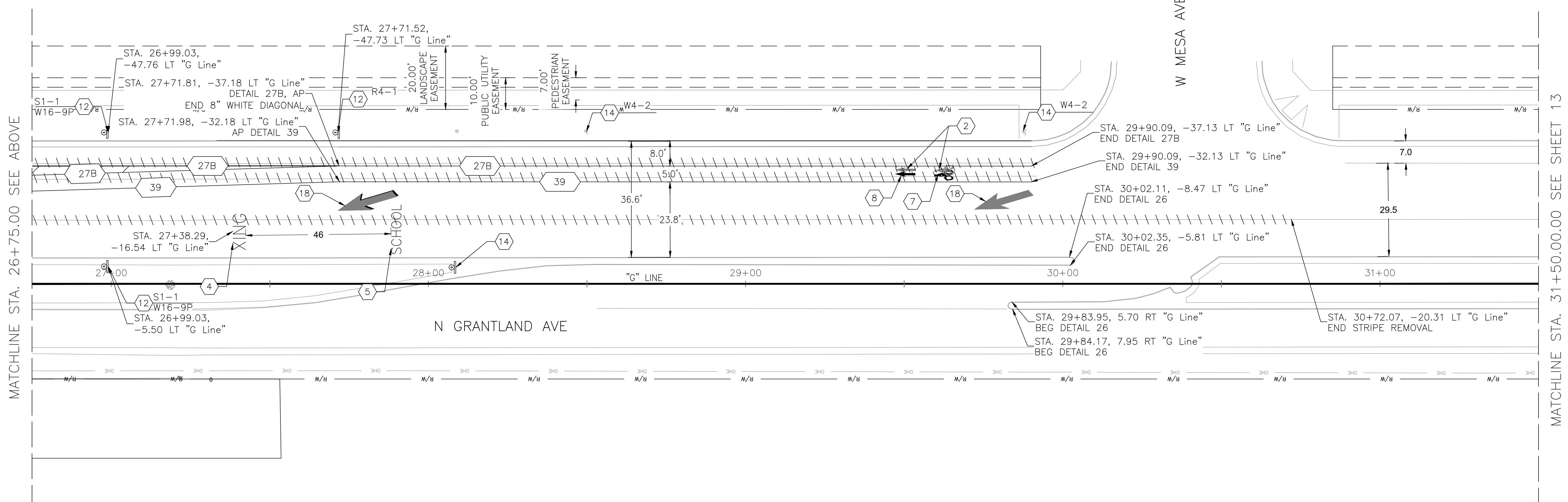
ATTACHMENT STA 26±75 00 SEE ABOVE

[REDACTED]



ATTCH LINE STA 26+75 00 SEE ABOVE

[REDACTED]



SIGNAGE AND STRIPING NOTES:

- 1 REMOVE EXISTING CROSSWALK MARKINGS (GRIND). PROVIDE PROPER NOTIFICATION BEFORE REMOVAL PER STATE REQUIREMENTS
- 2 REMOVE EXISTING MARKINGS
- 3 INSTALL HIGH VISIBILITY CROSSWALK (YELLOW CONTINENTAL) PER CALTRANS A24F
- 4 INSTALL "XING" MARKING (YELLOW) PER CALTRANS STD DRAWING A24D
- 5 INSTALL "SCHOOL" MARKING (YELLOW) PER CALTRANS STD DRAWING A24D
- 6 FURNISH AND INSTALL ROADWAY SIGN AND POST PER CITY OF FRESNO STD DRAWING P-91(NO STOPPING ANYTIME)
- 7 INSTALL BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD DRAWING A24C
- 8 INSTALL BIKE LANE ARROW MARKING PER CALTRANS STD DRAWING A24A
- 9 INSTALL 8" WHITE DIAGONAL MARKING EVERY 20 FEET
- 10 INSTALL 12" STOP LINE PER CALTRANS STD DRAWING A24G AND CITY OF FRESNO STD DRAWING E-24C
- 11 PROTECT EXISTING SIGN IN PLACE
- 12 FURNISH AND INSTALL ROADWAY SIGN AND POST (SIGN DETAIL No. SHOWN, TYP)
- 13 FURNISH AND INSTALL OVERHEAD HAWK SIGNAL SIGN (SIGN DETAIL No. SHOWN, TYP)
- 14 REMOVE AND DISPOSE SIGN
- 15 PLACE (3) BANDS OF YELLOW RETRO-REFLECTIVE TAPE AT 3" SPACING
- 16 INSTALL TYPE VI ARROW PER CALTRANS STD DRAWING A24A
- 17 INSTALL 6" WHITE DIAGONAL MARKING EVERY 10 FEET
- 18 PROTECT EXISTING PAVEMENT MARKING IN PLACE
- 19 INSTALL 8" WHITE DIAGONAL MARKING EVERY 5 FEET
- 20 PROTECT EXISTING PAVEMENT STRIPE IN PLACE
- 21 REMOVE AND DISPOSE SIGN AND POST, REPLACE WITH NEW P (CA) MARKER SIGN ON NEW POLE
- 22 INSTALL CHANNELIZERS PER CALTRANS A73C IN SAME LOCATION AS REMOVED CHANNELIZERS
23. INSTALL THERMOPLASTIC STRIPING PER CALTRANS STANDARD PLANS (DETAIL NO. SHOWN, TYP)

← BEGIN/END OF TRAFFIC STRIPE DETAIL

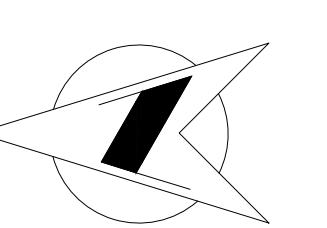
← CHANGE OF TRAFFIC STRIPE DETAIL

○ INSTALL TRAFFIC SIGN

\\ REMOVE STRIPE OR MARKING

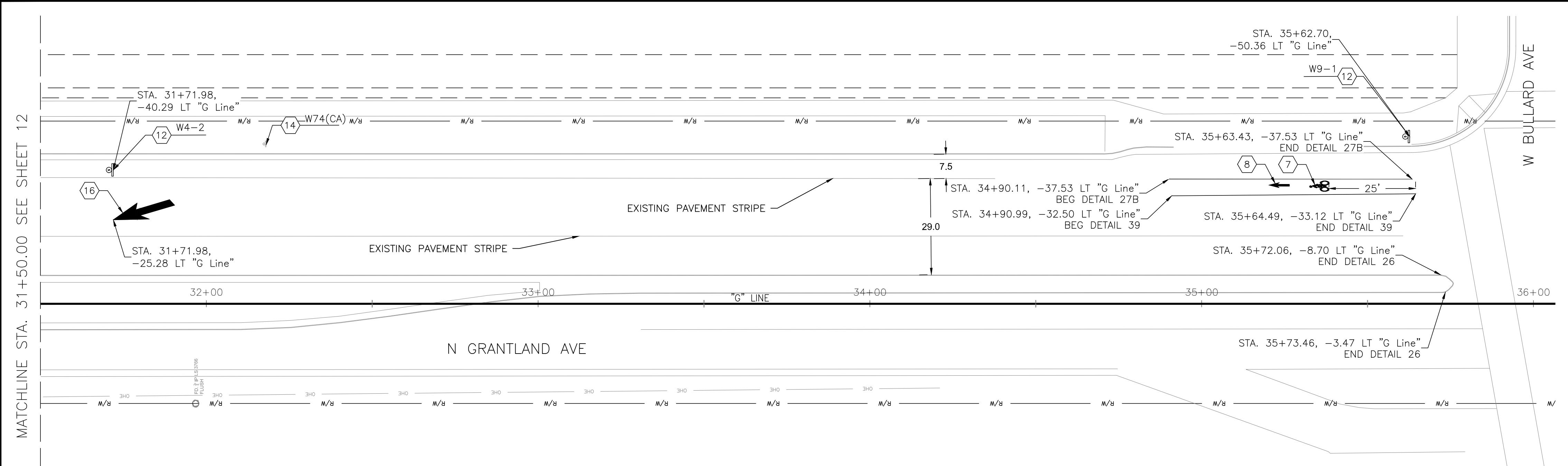
GENERAL NOTES:

- 1) FOR UTILITY DEMOLITION AND IMPROVEMENTS SEE SHEET 10
- 2) FOR DEMOLITION SEE SHEET 06
- 3) FOR IMPROVEMENTS SEE SHEET 08
- 4) THE MINIMUM HEIGHT, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE TOP OF THE CURB, OR IN THE ABSENCE OF CURB, MEASURED VERTICALLY FORM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAVELED WAY, OF SIGNS INSTALLED AT THE SIDE OF THE ROAD, SHALL BE 7 FEET.
- 5) REMOVE EXISTING MARKERS ALONG MEDIAN (DETAIL 26), FROM STATION 14+79 TO STATION 35+72.
- 6) DETAIL 39 AND 39A SHALL BE STRIPE IN PAINT ON COUNTY JURISDICTION AND STRIPE IN THERMOPLASTIC ON CITY OF FRESNO JURISDICTION.



Know what's below.
Call before you dig.

		DATE	RECORD DRAWING		SCALE	PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING						
DESIGNED: KCS		12/17/24	RESIDENT ENGINEER		DATE	 GRAPHIC SCALE: 1"=20'								
DRAWN: KCS		12/17/24												
CHECKED: SA		12/17/24												
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.										ROAD NO.	BRIDGE NO.	DRAWING NO. 11136	HEET NO. 1	TOTAL 17
										DATE	12-17-24	SS-2		
										SUPERVISING ENGINEER				

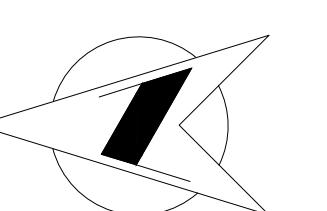


SIGNAGE AND STRIPING NOTES:

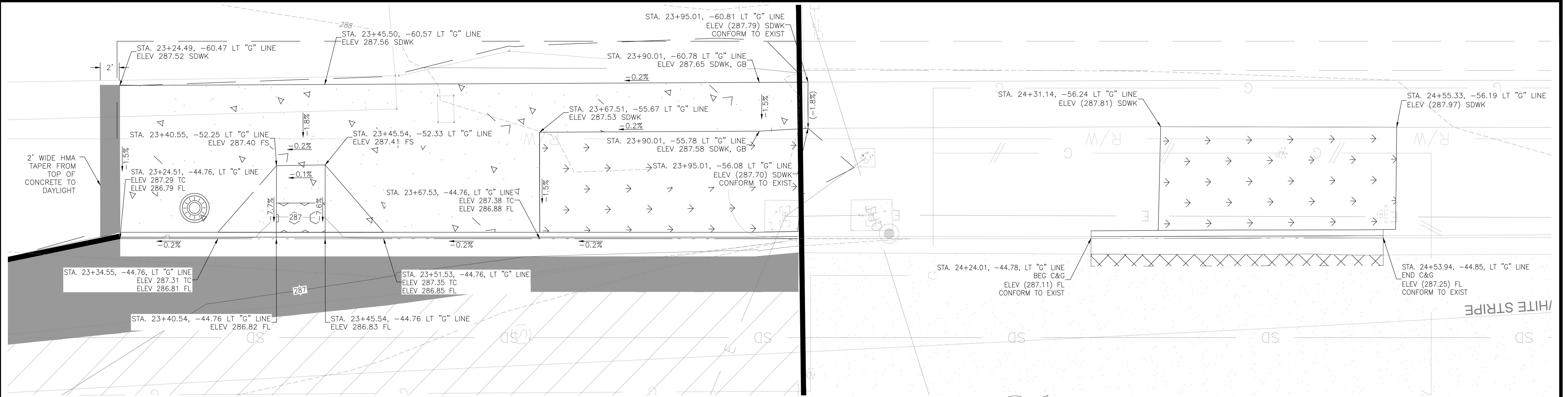
- ① REMOVE EXISTING CROSSWALK MARKINGS (GRIND). PROVIDE PROPER NOTIFICATION BEFORE REMOVAL PER STATE REQUIREMENTS
- ② REMOVE EXISTING MARKINGS
- ③ INSTALL HIGH VISIBILITY CROSSWALK (YELLOW CONTINENTAL) PER CALTRANS A24F
- ④ INSTALL "XING" MARKING (YELLOW) PER CALTRANS STD DRAWING A24
- ⑤ INSTALL "SCHOOL" MARKING (YELLOW) PER CALTRANS STD DRAWING
- ⑥ FURNISH AND INSTALL ROADWAY SIGN AND POST PER CITY OF FRESNO STD DRAWING P-91 (NO STOPPING ANYTIME)
- ⑦ INSTALL BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD DRAWING A24C
- ⑧ INSTALL BIKE LANE ARROW MARKING PER CALTRANS STD DRAWING A24A
- ⑨ INSTALL 8" WHITE DIAGONAL MARKING EVERY 20 FEET
- ⑩ INSTALL 12" STOP LINE PER CALTRANS STD DRAWING A24G AND CITY OF FRESNO STD DRAWING E-24C
- ⑪ PROTECT EXISTING SIGN IN PLACE
- ⑫ FURNISH AND INSTALL ROADWAY SIGN AND POST (SIGN DETAIL NO. SHOWN, TYP)
- ⑬ FURNISH AND INSTALL OVERHEAD HAWK SIGNAL SIGN (SIGN DETAIL NO. SHOWN, TYP)
- ⑭ REMOVE AND DISPOSE SIGN
- ⑮ PLACE (3) BANDS OF YELLOW RETRO-REFLECTIVE TAPE AT 3" SPACING
- ⑯ INSTALL TYPE VI ARROW PER CALTRANS STD DRAWING A24A
- ⑰ INSTALL 6" WHITE DIAGONAL MARKING EVERY 10 FEET
- ⑱ PROTECT EXISTING PAVEMENT MARKING IN PLACE
- ⑲ INSTALL 8" WHITE DIAGONAL MARKING EVERY 5 FEET
- ⑳ PROTECT EXISTING PAVEMENT STRIPE IN PLACE
- ㉑ REMOVE AND DISPOSE SIGN AND POST, REPLACE WITH NEW P (CA) MARKER SIGN ON NEW POLE
- ㉒ INSTALL CHANNELIZERS PER CALTRANS A73C IN SAME LOCATION AS REMOVED CHANNELIZERS
- No. ◻ INSTALL THERMOPLASTIC STRIPING PER CALTRANS STANDARD PLANS (DETAIL NO. SHOWN, TYP)
- ← BEGIN/END OF TRAFFIC STRIPE DETAIL
- CHANGE OF TRAFFIC STRIPE DETAIL
- ⊕ INSTALL TRAFFIC SIGN
- \\\\\\\\ REMOVE STRIPE OR MARKING

GENERAL NOTES:

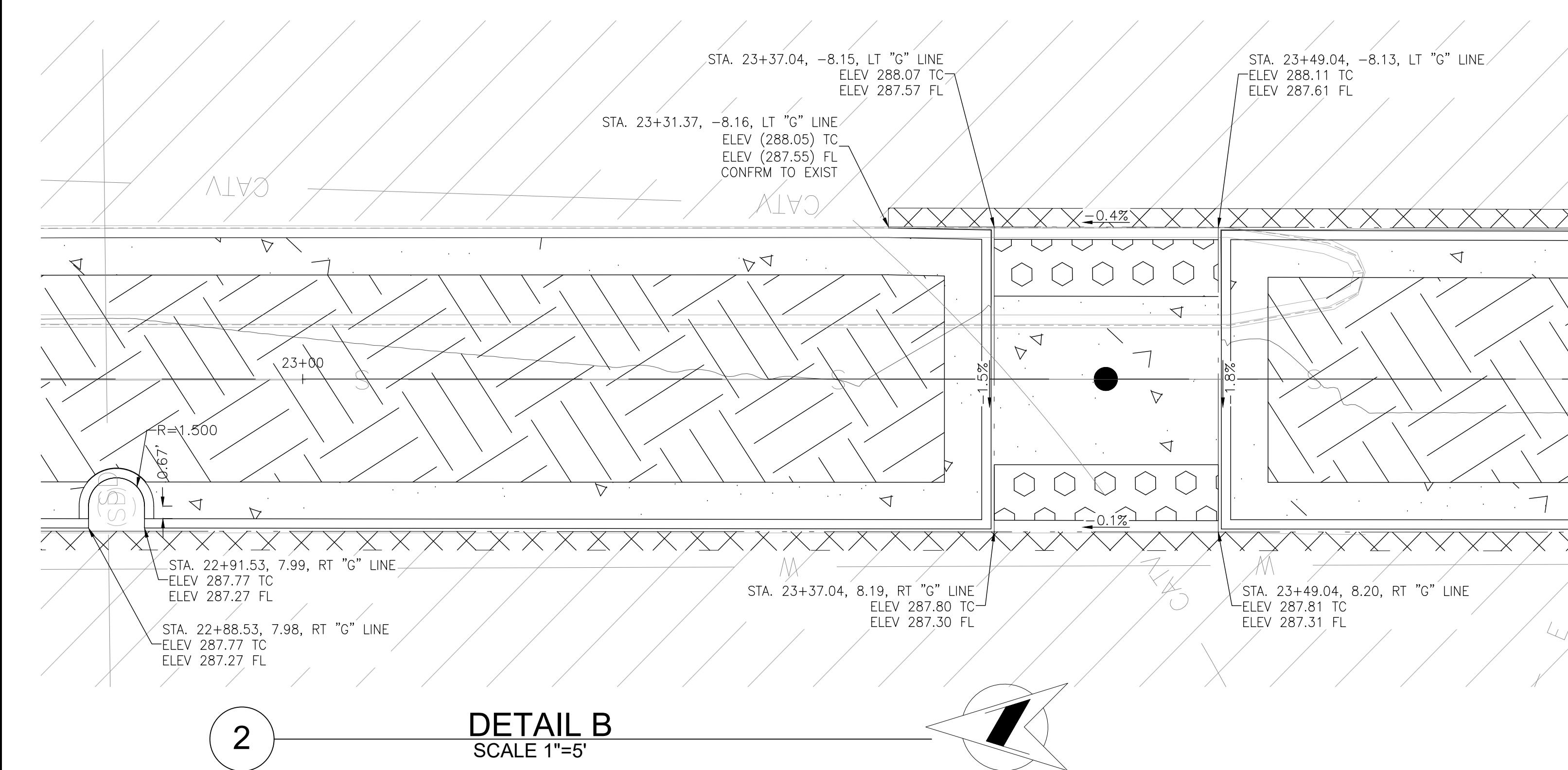
- 1) FOR UTILITY DEMOLITION AND IMPROVEMENTS SEE SHEET 10
- 2) FOR DEMOLITION SEE SHEET 06
- 3) FOR IMPROVEMENTS SEE SHEET 08
- 4) THE MINIMUM HEIGHT, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE TOP OF THE CURB, OR IN THE ABSENCE OF CURB, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAVELED WAY, OF SIGNS INSTALLED AT THE SIDE OF THE ROAD, SHALL BE 7 FEET.
- 5) REMOVE EXISTING MARKERS ALONG MEDIAN (DETAIL 26), FROM STATION 14+79 TO STATION 35+72.
- 6) DETAIL 39 AND 39A SHALL BE STRIPE IN PAINT ON COUNTY JURISDICTION AND STRIPE IN THERMOPLASTIC ON CITY OF FRESNO JURISDICTION.



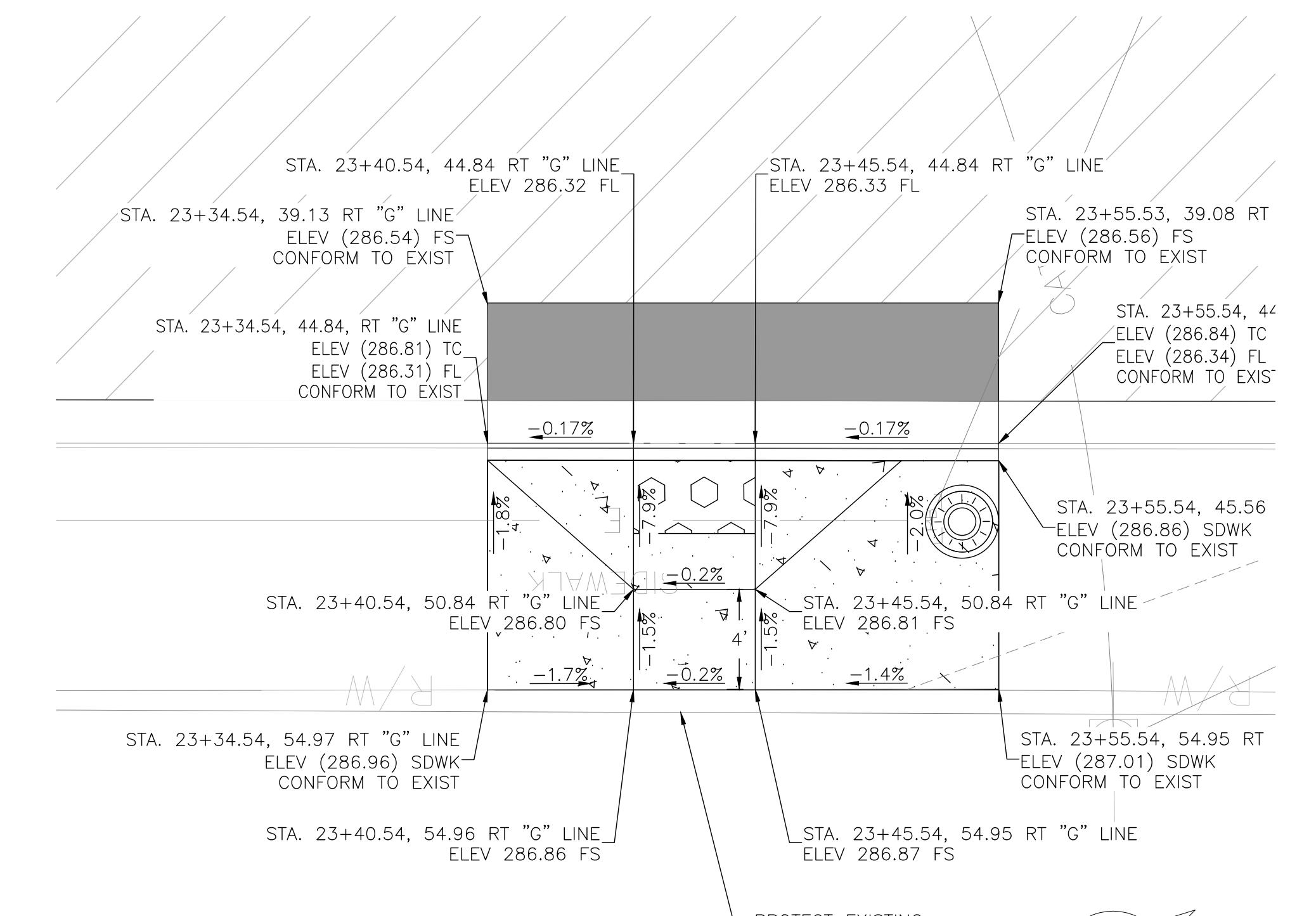
DESIGNED: KCS	DATE	RECORD DRAWING		SCALE	SUPERVISING ENGINEER	PROJECT	DEPARTMENT OF PUBLIC WORKS AND PLANNING
DRAWN: KCS	12/17/24	RESIDENT ENGINEER	DATE	20 10 0 20	GRAPHIC SCALE: 1"=20'	12-17-24	ATP HERNDON-BARSTOW ELEMENTARY HAWK
CHECKED: SA	12/17/24						SIGNAGE AND STRIPING PLAN
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.							
				REGISTERED PROFESSIONAL ENGINEER SEBASTIAN J. ARNOLD No. C76724 STATE OF CALIFORNIA	ROAD NO.	BRIDGE NO.	SS-3
					DRAWING NO. 11326	SHEET NO. 13	TOTAL 17



1 **DETAIL A**
SCALE 1"=5'



DETAIL B



DETAIL C

SCALE 1"=5'



		DATE	RECORD DRAWING		SCALE	PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING					
DESIGNED: KCS		12/17/24	RESIDENT ENGINEER		DATE	 		 REGISTERED PROFESSIONAL ENGINEER SEBASTIAN J. MARTAL No. C76724 ★ CIVIL ★ STATE OF CALIFORNIA		GRADING DETAILS			
DRAWN: KCS		12/17/24										CD-1	
CHECKED: SA		12/17/24											
ATP HERNDON-BARSTOW ELEMENTARY HAWK													
ROAD NO. BRIDGE NO. DRAWING NO. 11326 SHEET NO. 4 TOTAL 17													
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.													

CONSTRUCTION NOTES

1 FURNISH AND INSTALL TYPE 332L CABINET AND FOUNDATION. THE CABINET SHALL COME EQUIPPED WITH ALL ANCILLARY DEVICES FOR A FULL EIGHT PHASE OPERATION AS SPECIFIED IN THE SPECIFICATIONS. CABINET SHALL BE MODIFIED PER CITY OF FRESNO STANDARD E-34A AND E-34B FOR PREEMPTION AND C11'S CABLE CABLING. CONTRACTOR SHALL FURNISH AND INSTALL RELAY COMPONENTS AND WIRING PER CITY OF FRESNO STANDARD E-34D. CONTRACTOR SHALL FURNISH NEW 2070LX PART NUMBER 2070-F6330601S10 PER PROJECT SPECIFICATIONS AND COORDINATE THROUGH CONSTRUCTION MANAGEMENT THE DELIVERY OF THE 2070LX TO COUNTY OF FRESNO FOR BENCH TESTING & PROGRAMMING. THE INSTALLATION OF THE TRAFFIC SIGNAL CONTROLLER BY COUNTY OF FRESNO, PENDING COUNTY OF FRESNO INSPECTION PER CITY OF FRESNO STANDARD SPECIFICATIONS SECTION 23-1.25. FOUNDATION PER CALTRANS STANDARD PLAN ES-3C AND MODIFIED PER CITY OF FRESNO STANDARD E-37. FRONT OF CABINET SHALL FACE SOUTH. BATTERY BACKUP SHALL BE INSTALLED PER CITY OF FRESNO STANDARD E-24C, SEE DETAIL B.

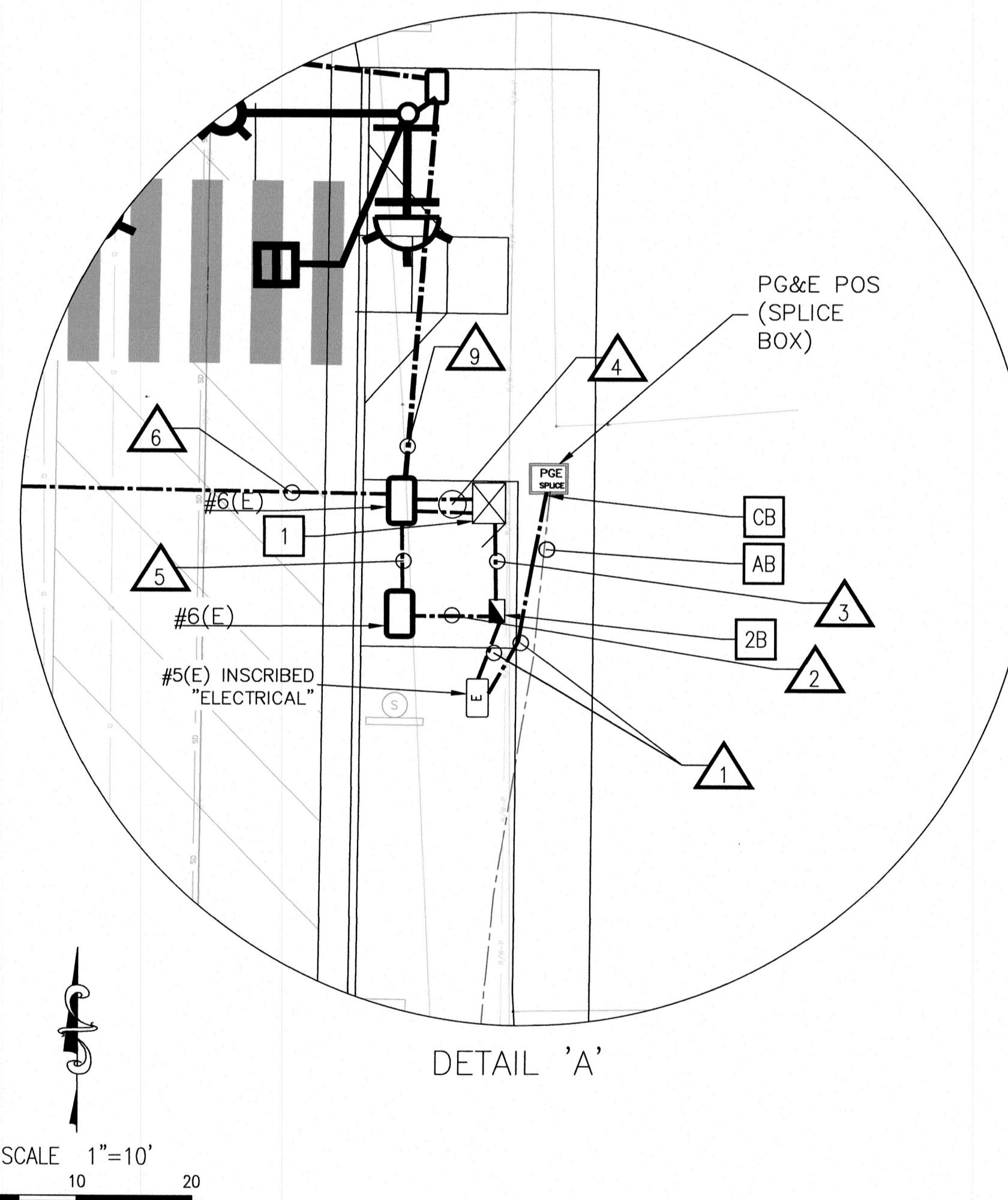
2A CONTRACTOR SHALL REMOVE EXISTING SERVICE CABINET AND SALVAGE TO THE CITY OF FRESNO.
CONTRACTOR SHALL DEMOLISH EXISTING FOUNDATION.

2B CONTRACTOR SHALL CONSTRUCT NEW TYPE 26-100 FOUNDATION AND INSTALL NEW 26-100 SERVICE CABINET PER CITY OF FRESNO REQUIREMENTS AND SPECIFICATIONS. E-15, E-17. CONTRACTOR SHALL COORDINATE WITH PG&E TO SET NEW ELECTRICAL METER. CONTRACTOR SHALL COORDINATE SERVICE POWER DISCONNECT/RECONNECT WITH PG&E.
(ADDRESS: 6170 N. GRANTLAND).

3 REMOVE EXISTING FLASHING BEACON POLE AND ALL EQUIPMENT ATTACHED TO IT AND SALVAGE TO THE CITY OF FRESNO. COMPLETELY REMOVE AND DISPOSE OF EXISTING FOUNDATION.

4 EXISTING FLASHING BEACON EQUIPMENT SHALL BE PROTECTED AT ALL TIMES UNTIL THE HAWK IS OPERATIONAL.

5 CONTRACTOR SHALL DEVELOP A WORK PLAN AND SUBMIT TO COUNTY OF FRESNO FOR APPROVAL PRIOR TO TEMPORARILY MOVE THE NOTED PULL BOX, CONDUIT/WIRING AS NECESSARY TO ALLOW FOR DRILLING HAWK POLE FOUNDATION. EXISTING CIRCUIT (FLASHING BEACON) SHALL REMAIN FUNCTIONAL UNTIL THE NEW HAWK SIGNAL BECOMES OPERATIONAL. CONTRACTOR TO REMOVE PULL BOX AND WIRING ONCE TRANSITION IS MADE.



SEE ES-1A AND ES-1B OF
THE 2023 CALTRANS STANDARD
PLANS

AB ABANDON. IF APPLIED TO CONDUIT, REMOVE CONDUCTORS.

RC EQUIPMENT OR MATERIAL TO BE REMOVED AND
BECOME THE PROPERTY OF THE CONTRACTOR

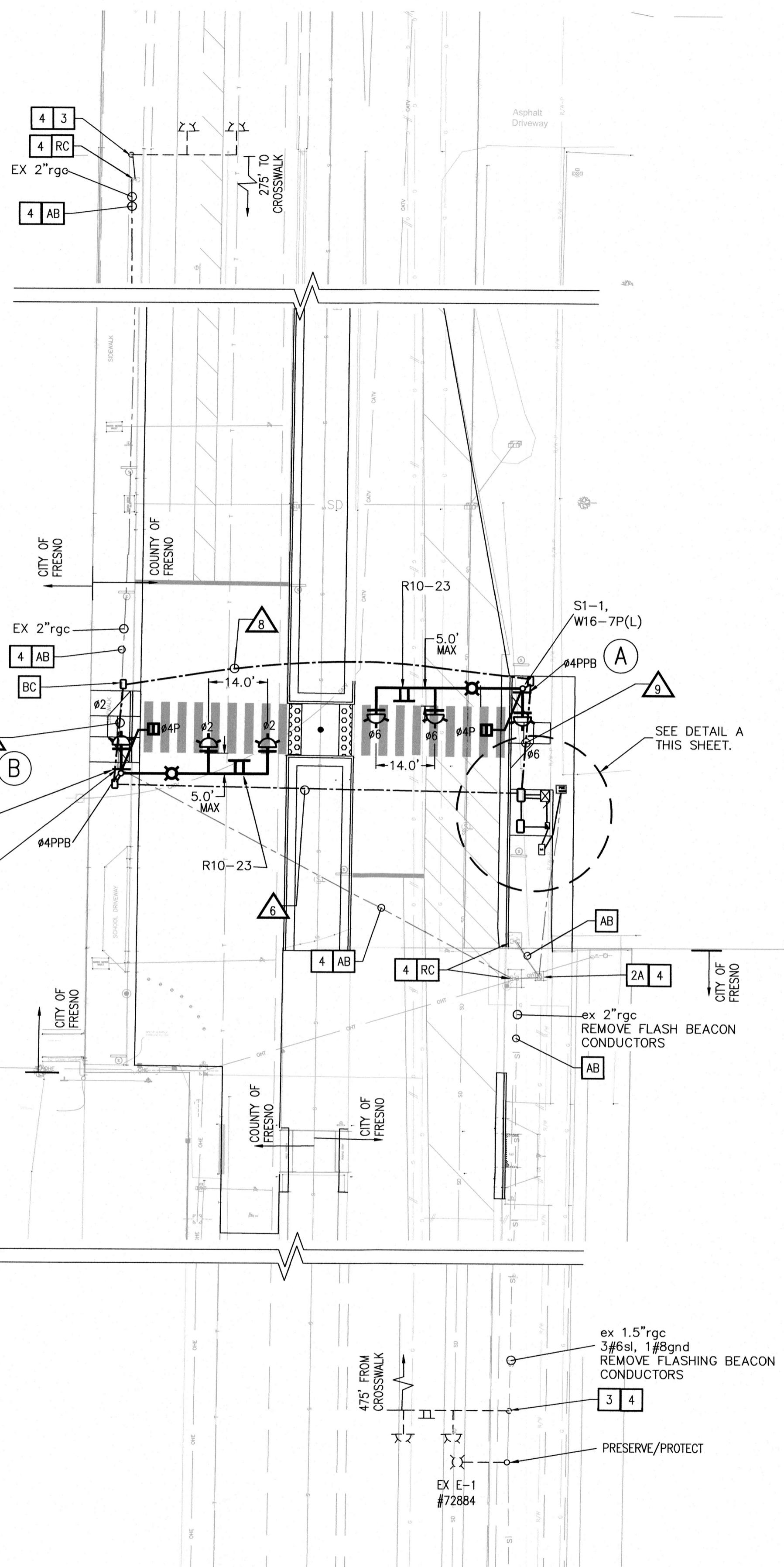
CB INSTALL CONDUIT INTO EXISTING PULL BOX.

BC INSTALL PULL BOX IN EXISTING CONDUIT RUN

1. *What is the primary purpose of the study?* (check all that apply)

LEGEND

-  INSTALL SIGN ON SIGNAL POLE.
-  INSTALL SIGN ON SIGNAL MAST ARM.
-  #6(E) INSTALL #6(E) PULL BOX PER CITY OF FRES STANDARDS WITH COUNTY LOCKING LID.
-  INSTALL NO. 5(E) PULL BOX WITH COUNTY LOCKING LID.
-  HAWK BEACON SIGNAL HEAD.



CITY ENGINEER

REVIEWED BY

12/20/2024

12/20/2024

DATE



06/30/

PW FILE NO.	13558	
PROJ. ID.	PW01050	
FUND NO.	22508	
ORG. NO.	189901	
REF. & REV.	GRANTLAND AVENUE HAWK TRAFFIC SIGNAL	
	HERNDON-BARSTOW ELEMENTARY SCHOOL HAWK SIGNAL INSTALLATION	

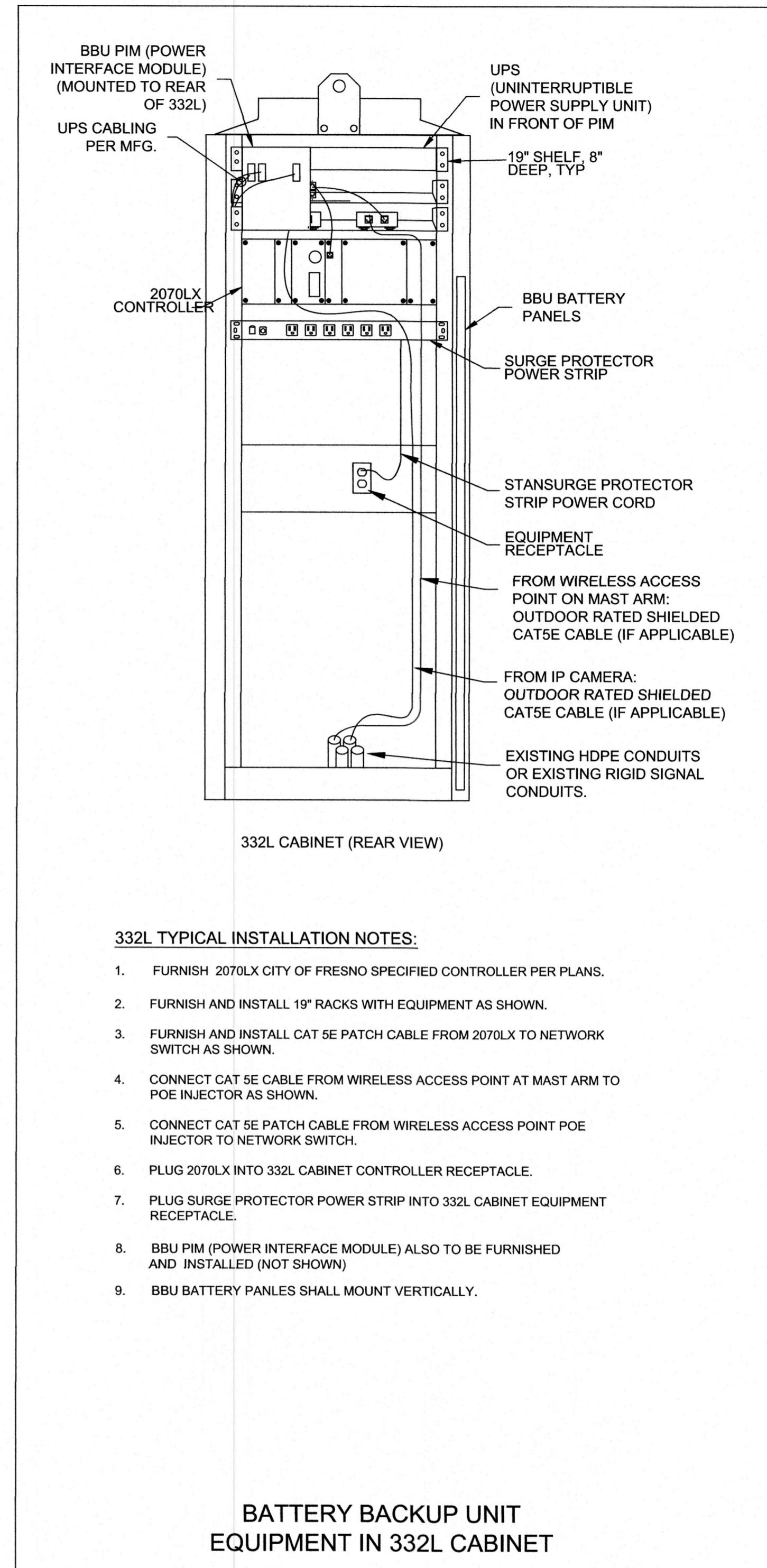
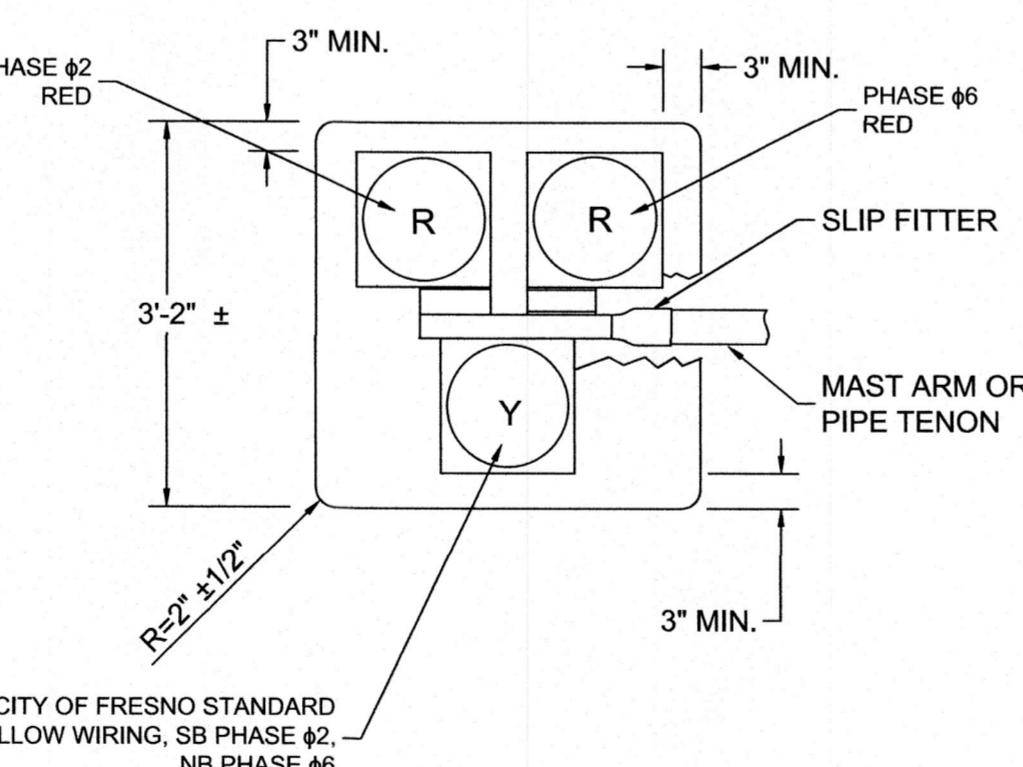
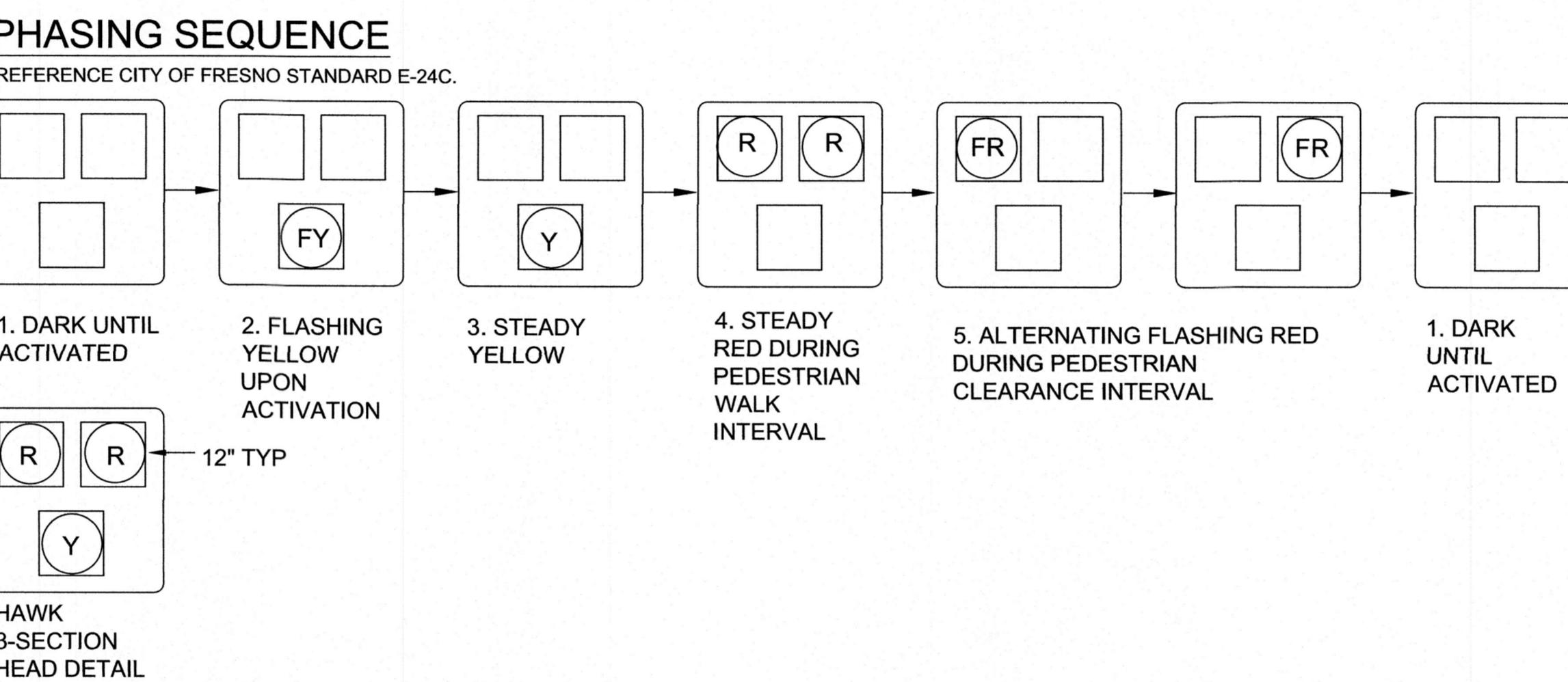
GRANTLAND HAWK PW01050

AWG OR CABLE	POLE	Ø	CONDUIT RUN NUMBER AND SIZE								
			1 2"	2 2"	3 1.5"	4 2-3"	5 2"	6 3"	7 3"	8 3"	9 3"
7 COND. CABLE (VEH.) *	(A)	2,6 4P				1 1					1 1
	(B)	2,6 4P				1 1		1 1			
	TOTAL					2 2		1 1			1 1
3 COND. CABLE (PPB) *	(A)	4P				1					1
	(B)	4P				1		1			
	TOTAL					2		1			1
TYPE C DLC	PED PUSH BUTTON										
# 2	SERVICE	3									
# 4	SIGNAL			2							
# 6	STREET LIGHTS	NO STREET LIGHT CONDUCTORS									
# 8	SAFETY LIGHTS		2				2	2			2
# 8	BONDING WIRE	1	1	1	1	1	1	1	1	1	1
# 12	PEC		3			3					3
CONDUIT FILL PERCENTAGE %			14.5	4.5	10.0	6.0	2.0	7.0	1.0	1.0	7.0

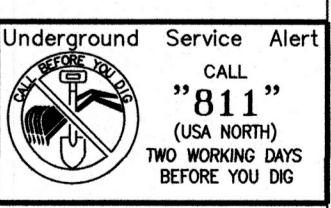
* NUMBER INDICATIONS ARE THE NUMBER OF CABLES WITHIN CONDUIT.

ALL CONDUCTORS/CABLES SHALL BE INSTALLED NEW.

ALL CONDUIT SHALL BE RIGID, GALVANIZED CONDUIT UNLESS
OTHERWISE NOTED.



DETAIL



 REGISTERED PROFESSIONAL ENGINEER TAMERA CLARK <i>Tamera Clark</i> CIVIL STATE OF CALIFORNIA	PW FILE NO.	13558		
	PROJ. ID.	PW01050		
	FUND NO.	22508		
	ORG. NO.	189901		
	REF. & REV.		GRANTLAND AVENUE HAWK TRAFFIC SIGNAL	
30/2025			REVIEWED:	
			OFFICE ENG.	<i>ST</i>
			CITY ENG.	<i>ADM</i>
			DR. BY:	EWJ
			CH. BY:	TC
			DATE:	12/13/2024
			SCALE:	AS SHOWN
				4-F-3881
				(USA NORTH) TWO WORKING DAYS BEFORE YOU DIG

TRAFFIC SIGNAL NOTES

GENERAL NOTES:

1. WORK SHALL BE DONE IN ACCORDANCE WITH THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, 2023 EDITION, THE LATEST CALTRANS ADOPTED EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD), THE LATEST EDITION OF THE CITY OF FRESNO STANDARD SPECIFICATIONS AND DRAWINGS. SIGNAL POLES/STANDARDS SHALL BE PER THE STATE STANDARD PLANS AND SPECIFICATIONS, DATED 2023.

2. THESE PLANS ARE ACCURATE FOR ELECTRICAL WORK ONLY.

3. SCHEDULING OF WORK SHALL CONFORM TO THE PROVISIONS IN SECTION 8-1.02, "SCHEDULING OF WORK" OF THE STATE STANDARD SPECIFICATIONS. PARTICULAR ATTENTION SHALL BE DIRECTED TO "NO ABOVE GROUNDWORK, EXCEPT SERVICE EQUIPMENT, SHALL BE PERFORMED UNTIL THE CONTRACTOR HAS ALL MATERIALS ON HAND TO COMPLETE THAT PARTICULAR SIGNAL LOCATION OR LIGHTING CIRCUIT".

4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UTILITIES WHETHER OR NOT THEY ARE SHOWN ON THESE PLANS, AND SHALL PROVIDE PROTECTION PRIOR TO, DURING AND AFTER TRENCHING, JACKING AND/OR BORING. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA), BY CALLING 811, AT LEAST TWO (2) WORKING DAYS BEFORE BEGINNING WORK.

5. CONDUIT INSTALLATION ACROSS ROADWAYS SHALL BE BY JACKING AND/OR DIRECTIONAL DRILLING METHODS UNLESS OTHERWISE NOTED ON THE PLANS.

6. CONTRACTOR SHALL ARRANGE WITH UTILITY COMPANIES FOR ALL REQUIRED UTILITY RELOCATIONS, INCLUDING OVERHEAD CONFLICTS.

7. ALL TRAFFIC SIGNAL AND LIGHTING FACILITIES, INCLUDING CABINETS, STANDARDS, PULL BOXES, CONDUITS AND LOOP DETECTORS, ARE SHOWN IN THEIR APPROXIMATE LOCATIONS. AFTER ALL UNDERGROUND UTILITIES ARE MARKED, THE CONTRACTOR SHALL MARK FINAL LOCATIONS IN THE FIELD AND NOTIFY THE ENGINEER AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK TO VERIFY THE MARKED LOCATIONS.

8. WITH EXCEPTION TO A FEDERALLY FUNDED PROJECT, ALL SALVAGED EQUIPMENT SHALL BE RETURNED TO THE CITY CORPORATION YARD: 3187 W. BELMONT AVENUE, FRESNO. THE CONTRACTOR SHALL SCHEDULE WITH CONSTRUCTION MANAGEMENT (559) 621-8880, AT LEAST TWO (2) WORKING DAYS PRIOR TO DELIVERY. CONTRACTOR SHALL PROVIDE ADEQUATE MEANS FOR SAFELY UNLOADING EQUIPMENT.

9. PULL BOXES SHALL BE NO. 5(E), UNLESS OTHERWISE NOTED ON THE PLANS. PULL BOXES SHALL NOT BE INSTALLED IN CURB RAMPS. VANDAL RESISTANT LOCKING LIDS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT FINAL INSPECTION OF THE TRAFFIC SIGNAL. CONTRACTOR SHALL PROVIDE TEMPORARY LIDS DURING CONSTRUCTION. LOCKING LIDS SHALL BE GALVANIZED STEEL DIAMOND PLATE, MINIMUM THICKNESS 3/16", WITH MINIMUM TWO (2) CLAMPING JAWS AND BE KEYED TO THE COUNTY OF FRESNO KEY. CONDUIT RUN SHALL NOT EXCEED 200' WITHOUT A PULL BOX. CONTRACTOR SHALL TIGHTEN DOWN ALL LOCKING LIDS TO A MINIMUM TORQUE SPEC OF 25 FOOT-POUNDS.

10. ALL PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL BE SURROUNDED BY A ONE (1) FOOT WIDE CONCRETE COLLAR, TO A DEPTH EQUAL TO THE PULL BOX AND EXTENSION, PER CITY OF FRESNO SPECIFICATIONS, AND SHALL HAVE A VANDAL RESISTANT LOCKING LID INSTALLED (SEE NOTE ABOVE). ALL CONDUIT ENTRIES INTO ADVANCE DETECTION, INTERMEDIATE DETECTION, AND STREET LIGHTING PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL ENTER THE PULL BOX FROM THE BOTTOM, USING 90 DEGREE ELBOWS AND EXTENDING 3 TO 5 INCHES ABOVE THE FINISHED GROUT.

11. ALL CONDUITS SHALL HAVE BUSHINGS INSTALLED PRIOR TO INSTALLING CONDUCTORS. STEEL CONDUITS SHALL HAVE LAY IN STYLE LUGS THAT ARE CAST INTEGRAL WITH THE BUSHING.

12. CONDUIT BENDS OF 90 DEGREES ARE PROHIBITED UNLESS OTHERWISE NOTED OR WRITTEN PERMISSION IS GIVEN BY THE COUNTY ENGINEER.

13. ALL NEUTRAL CONDUCTORS SHALL BE WHITE IN COLOR THROUGHOUT THEIR ENTIRE LENGTH.

14. TRAFFIC SIGNAL CABLE SHALL NOT BE SPLICED BETWEEN THE CONTROLLER CABINET AND THE TERMINAL COMPARTMENTS MOUNTED ON THE POLES. DETECTOR CABLES SHALL NOT BE SPLICED BETWEEN THE CONTROLLER CABINET AND THE PULL BOX ADJACENT TO THE DETECTOR LEAD-IN.

15. SEAL CONDUIT WITH AN APPROVED DUCT SEAL AFTER ALL CONDUCTORS HAVE BEEN INSTALLED.

16. SEALANT FOR FILLING THE SAWCUT LOOPS SLOTS SHALL BE HOT-MELT RUBBERIZED ASPHALT SEALANT PER STATE OF CALIFORNIA SPECIFICATIONS OR LOOP SEALANT SHALL BE ELASTOMERIC SEALANT 3M, BLACK 3000, OR APPROVED EQUAL (NOT APPLICABLE).

17. PEDESTRIAN PUSH BUTTONS SHALL HAVE 2"-DIAMETER ACTUATORS AND COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA).

18. ALL VEHICLE AND PEDESTRIAN SIGNAL SECTIONS SHALL UTILIZE LIGHT EMITTING DIODE (LED) SIGNAL MODULES IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. VEHICLE SIGNAL SECTIONS SHALL HAVE 12" DIAMETER LENSES WITH BACKPLATES AND TUNNEL VISORS. ALL VEHICLE AND PEDESTRIAN SIGNAL SECTIONS SHALL HAVE METAL AND RUBBER WASHERS INSTALLED ON THE INSIDE OF THE HEAD.

19. SAFETY LUMINAIRE SHALL BE LED PER CITY OF FRESNO SPECIFICATIONS (SECTION 23-1.23) FOR SAFETY LUMINAIRE REQUIREMENTS.

20. PEDESTRIAN SIGNAL UNITS SHALL BE FULL SYMBOL, MUTCD COMPLIANT, LED "COUNTDOWN" TYPE WITH 9 INCH NUMERALS; GELCORE MODEL PS7-CFF1-01A-18 OR APPROVED EQUAL. SIGNAL ALIGNMENT SHALL BE AS DIRECTED BY THE ENGINEER.

21. THE CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE OPTICOM (GTT) EMERGENCY VEHICLE PREEMPTION (EVP) SYSTEM (721 TWO DIRECTION DETECTION, SINGLE CHANNEL) IN ACCORDANCE WITH THE CITY STANDARD SPECIFICATIONS. EVP DETECTOR UNITS SHALL BE INSTALLED ON SIGNAL MAST ARMS AS SHOWN ON THE PLAN, CENTERED OVER THE NUMBER ONE THROUGH LANE, WITH APPROVAL FROM THE TRAFFIC SIGNAL SUPERVISOR. THE CONTRACTOR SHALL DELIVER THE MODEL 762 DISCRIMINATORS TO THE CITY CORPORATION YARD AT 2101 G STREET, FRESNO, CA 93706 AND SCHEDULE WITH CONSTRUCTION MANAGEMENT AT (559) 621-8880, AT LEAST TWO (2) WORKING DAYS PRIOR TO DELIVERY. (NOT APPLICABLE)

22. CONTRACTOR SHALL SCHEDULE WITH THE COUNTY OF FRESNO ALL EQUIPMENT DELIVERIES THAT REQUIRE TESTING TO THE LOCATION SPECIFIED BY THE COUNTY. EQUIPMENT SHALL BE DELIVERED BY THE CONTRACTOR ONLY AT A PREARRANGED TIME AND DAY.

23. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW OVERSIZED STREET NAME SIGNS ON SIGNAL STANDARDS, AS SHOWN ON THE PLAN, PER CITY STANDARD DRAWING P-90. FURNISH AND INSTALL NEW MOUNTING BRACKETS, AS NECESSARY. SUBMITTALS SHALL BE APPROVED BY THE COUNTY PRIOR TO ORDERING.

24. SIGNS SHALL BE TYPE III OR IV RETROREFLECTIVE SHEETING PER ASTM D4956-09. ALL SIGNS SHALL BE COVERED WITH A TRANSLUCENT ANTI-GRAFFITI FLUOROPOLYMER FILM THAT DOES NOT IMPAIR THE REFLECTIVITY OF THE SIGN.

25. THE CONTRACTOR SHALL CONTACT THE CITY OF FRESNO TRAFFIC OPERATIONS CENTER SUPERVISOR AT (559) 621-8669 TO OBTAIN I.T.S. EQUIPMENT SPECIFICATIONS PRIOR TO THE COMMENCEMENT OF WORK. (NOT APPLICABLE)

26. TONEABLE CONDUIT SHALL BE CHECKED FOR CONTINUITY AND BONDED TO EARTH GROUND.

27. CONDUITS EXITING THE CONTROLLER FOUNDATION AND ENTERING INTO THE CONTROLLER CABINET SHALL BE ALIGNED TO ENTER WITHIN THE TEES SPECIFIED CABINETS WITHOUT ANY MODIFICATIONS TO THE CABINET BASE.

28. ALL RESURFACING SHALL MATCH EXISTING SURFACES AFTER SIGNAL FACILITIES ARE REMOVED AND/OR RELOCATED.

29. THE EXISTING TRAFFIC SIGNAL SYSTEM, INCLUDING DETECTION, AND/OR STREET LIGHTING SHALL REMAIN OPERATIONAL DURING CONSTRUCTION, UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE COUNTY ENGINEER.

30. ALL LUMINAIRE CIRCUITS SHALL BE FUSED. THE FUSE SHALL BE LOCATED IN THE LUMINAIRE HOUSING AT EACH POLE (5 AMP KTK FUSE IN TRON HEB TYPE FUSE HOLDER).

31. THE CONTRACTOR SHALL FURNISH AND INSTALL POLE NUMBERS WHEN PG&E INDICATES THE NUMBER. POLE NUMBERS SHALL BE SHOWN ON THE AS BUILT DRAWINGS.

32. THE CONTRACTOR SHALL FURNISH AND INSTALL AN ACCESSIBLE (AUDIBLE) PEDESTRIAN SIGNAL (APS) SYSTEM (2-WIRE POLARIS NAVIGATOR2 OR APPROVED EQUAL) IN CONFORMANCE WITH THE CITY'S STANDARD SPECIFICATIONS. THE APS SHALL PROVIDE BOTH A VIBRATING ARROW BUTTON AND AUDIBLE SOUNDS DURING THE "WALK" INTERVAL, AS WELL AS A LOCATING TONE DURING THE PEDESTRIAN CLEARANCE AND DON'T WALK INTERVALS. THE APS SYSTEM SHALL MEET CURRENT ADA AND CA-MUTCD REQUIREMENTS. ALL PEDESTRIAN PUSH BUTTONS SHALL HAVE A FOUR FOOT ACCESSIBLE PATH IN FRONT OF THE BUTTON.

33. THE APS (ICCUC-C (INTELLIGENT CENTRAL CONTROL UNIT)) SHALL BE SUPPLIED AND BE PLACED IN CABINET INPUT FILE I-12/I-13 WITH THE CARD EDGE PLUGGED INTO I-13. THE POWER SUPPLY POWER SHALL BE A 12 VOLT LENGTH TO ELIMINATE EXCESS CABLE LENGTH POWER OBTAINED FROM THE PDA IN TERMINAL STRIP, TERMINALS 1, 3 & 5. CONTRACTOR SHALL PROVIDE THE COUNTY THE LATEST MEANS OF PROGRAMMING THE APS SYSTEM, AND DIGITAL COPIES OF AUDIO FILES. THE MEANS OF PROGRAMMING THE APS MUST MEET THE REQUIREMENTS OF THE MANUFACTURERS APPROVED AND TESTED DEVICES LIST. THE CONTRACTOR OR VENDOR REPRESENTATIVE SHALL INSTALL THE INITIAL PROGRAMMING WITH THE SUBMITTED UNIT WITH THE CITY OF FRESNO TRAFFIC SIGNAL AND STREET LIGHT (TSSL) PRESENT. UPON COMPLETION CONTRACTOR WILL PROVIDE THE COUNTY WITH THE PROGRAMMING UNIT.

34. ALL TRAFFIC SIGNAL AND STREET LIGHT MATERIALS SHALL BE REVIEWED AND APPROVED BY THE COUNTY OF FRESNO TSSL DIVISION PRIOR TO ORDERING OF MATERIALS. ALL MATERIALS NOT APPROVED PRIOR TO ORDERING SHALL BE SUBJECT TO REJECTION AT NO COST TO THE COUNTY.

35. ANY STREET LIGHT OR TRAFFIC SIGNAL PULL BOX IN THE SCOPE OF WORK OR ACCESSED BY CONTRACTOR SHALL BE CLEANED COMPLETELY, GROUTED, AND DUCT SEAL INSTALLED IN CONDUITS.

36. ANY BROKEN PULL BOX DAMAGED BY CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CITY OR THE COUNTY.

37. ANY PULL BOX ADJUSTED TO GRADE MUST BE ABLE TO ACCEPT A CITY OF FRESNO APPROVED LOCKING LID AND THE CONDUITS MUST BE ADJUSTED TO MEET THE CITY STANDARDS.

38. CONTRACTOR SHALL PROVIDE CITY OF FRESNO TSSL, CITY OF FRESNO TRAFFIC OPERATIONS CENTER (TOC) STAFF, AND THE COUNTY WITH TWO (2) FULL SIZE SETS AND ONE (1) PDF COPY OF THE AS-BUILT DRAWINGS PRIOR TO SCHEDULING OF THE INSPECTION.

39. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORTING ANCILLARY DEVICES, TO SUPPORT ALL INTERSECTION IMPROVEMENTS.

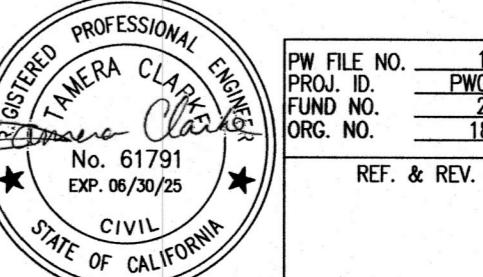
40. NO TRAFFIC SIGNAL INSPECTIONS LATER THAN 2 PM UNLESS APPROVED BY THE COUNTY.

SPECIAL NOTES:

1. CONCRETE INSTALLED OR DAMAGED BY THE CONTRACTOR WITHIN THE CITY'S JURISDICTION DURING CONSTRUCTION, SHALL BE INSTALLED OR REPLACED PER CITY STANDARDS AND TO THE SATISFACTION OF THE CITY INSPECTOR AND/OR AS DIRECTED BY THE ENGINEER OF RECORD. REPLACEMENT AND/OR SAWCUT OF CONCRETE SHALL BE TO THE NEAREST EXISTING CONCRETE JOINT.
2. CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS AS REQUIRED TO ALL AFFECTED PROPERTY OWNERS AT ALL TIMES UNTIL PERMANENT ACCESS IS COMPLETED.
3. ALL FACILITIES, SUCH AS STORM DRAIN, AND OTHER UTILITY MANHOLES, ETC., WHETHER EXISTING OR NEWLY INSTALLED BY THIS PROJECT, SHALL BE ADJUSTED TO FINAL GRADE AS NECESSARY BY THE CONTRACTOR. CITY OF FRESNO SEWER MANHOLES AND CITY WATER VALVES SHALL BE ADJUSTED BY CITY OF FRESNO DPU WITHIN THE CITY ROW. ALL ADJUSTMENTS SHALL BE COMPLETED PRIOR TO THE FINAL ACCEPTANCE OF THE WORK BY THE COUNTY.
4. CONTRACTOR SHALL COORDINATE THEIR SCHEDULE WITH ALL UTILITY COMPANIES AFFECTED BY THIS PROJECT. NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR MENTIONED UTILITY COORDINATION.
5. CONTRACTOR SHALL NOTIFY THE CITY AT LEAST 7 DAYS BEFORE STARTING WORK IN ORDER FOR THE CITY TO TAKE NECESSARY MEASURES TO PRESERVE ANY AFFECTED SURVEY MONUMENTS AND BENCH MARKS WITHIN CITY RIGHT OF WAY.
6. CONTRACTOR SHALL REPLACE AND/OR REPAIR IN KIND, ALL EXISTING AND PROPOSED IMPROVEMENTS DAMAGED DURING CONSTRUCTION, TO THE SATISFACTION OF THE INSPECTOR.
7. ALL CURB RAMPS AND IMPROVEMENTS TO BE INSTALLED WITH THIS PROJECT ARE TO BE CONSTRUCTED TO ADA STANDARDS.
8. ALL EXISTING PULL BOXES WITHIN A CURB RETURN RECONSTRUCTION SHALL BE ADJUSTED TO FINISHED GRADE, IF APPLICABLE.
9. CONTRACTOR SHALL NOTIFY COUNTY STAFF AND CITY TRAFFIC OPERATIONS CENTER (TOC) STAFF (7) DAYS PRIOR TO SIGNAL TURN-ON.

GENERAL NOTES:

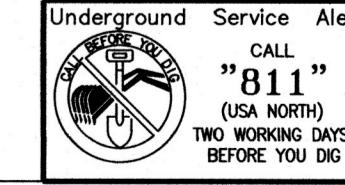
1. THE WORK AS SHOWN IN THESE CONSTRUCTION DRAWINGS SHALL BE COMPLETED IN ACCORDANCE WITH THE APPROPRIATE PROVISIONS OF THE CITY OF FRESNO STANDARD SPECIFICATIONS, LATEST EDITION, WHICH SPECIFICATIONS ARE REFERRED TO AS THE "STANDARD SPECIFICATIONS".
2. WHERE FRESNO FLOOD CONTROL DISTRICT FACILITIES ARE TO BE INSTALLED OR MODIFIED, AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION OF STORM DRAINAGE FACILITIES, THE CONTRACTOR SHALL NOTIFY THE DISTRICT'S CONSTRUCTION MANAGER AT (559) 456-3292.
3. TWO WORKING DAYS PRIOR TO COMMENCING EXCAVATION, THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT AT: 1-800-227-2600 OR 811.
4. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF AN OWNER'S WRITTEN AUTHORIZATION AND/OR SIGNED USE AGREEMENT PRIOR TO THE START OF WORK FOR ANY TEMPORARY WORK AREA, STANDING AREA, OR EQUIPMENT STORAGE FACILITIES TO BE USED FOR THIS PROJECT. AT THE COMPLETION OF WORK, THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF A WRITTEN RELEASE LETTER STATING THAT ALL TEMPORARY USE FACILITIES HAVE BEEN RESTORED BACK TO THE OWNER'S SATISFACTION.
5. CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES AND PROVIDE PROTECTION PRIOR TO, AND DURING, CONSTRUCTION. THE COST OF VERIFYING THE LOCATIONS OF SAID UTILITY FACILITIES INDICATED AND/OR NOT SHOWN ON THE PLANS, INCLUDING EXPOSING THEM PRIOR TO CONSTRUCTION AND THE FULL COST OF PROTECTION, REPAIR OR REPLACEMENT OF UTILITIES SHALL BE INCLUDED IN VARIOUS BID ITEMS OF WORK WITH NO SEPARATE PAYMENT THEREOF.
6. IN THE EVENT OVERHEAD ELECTRICAL LINES EXIST WITHIN THE LIMITS OF CONSTRUCTION, MAINTAIN PROPER CLEARANCE. CONTACT P.G.&E. TO VERIFY WIRE LOCATION(S).
7. PRIOR TO ANY EXCAVATION AND/OR DIGGING, CONTRACTOR SHALL POTHOLE ALL AFFECTED UTILITY CROSSINGS TO VERIFY SIZE, DEPTH AND TYPE OF PIPE. CONTRACTOR TO PROTECT EXISTING UTILITIES TO REMAIN AT ALL TIMES DURING CONSTRUCTION.



13558
PW FILE NO. PW01050
PROJ. ID. 22508
FUND NO. 189301
ORG. NO.
No. 61791
EXPI. 06/30/25
REF. & REV.
06/30/2025

GRANTLAND AVENUE HAWK
TRAFFIC SIGNAL

EQUIPMENT AND CONDUCTOR SCHEDULES
GENERAL NOTES



Underground Service Alert
CAL
811
(800) 227-2600
TWO WORKING DAYS
BEFORE YOU DIG

REVIEWED:
OFFICE ENG. Sj
CITY ENG. MM
DR. BY: EMU
CH. BY: TC
DATE: 12/13/2024
SHEET NO. 17
OF 17 SHEETS
SCALE: AS SHOWN
4-E-3882

COUNTY OF FRESNO
DEPARTMENT OF PUBLIC WORKS AND PLANNING
COSTS AS BID
ATP HERNDON-BARSTOW ELEMENTARY HAWK

PROJECT:
 ATP HERNDON-BARSTOW ELEMENTARY HAWK

Item No.	Estimated Quantity	Unit	Final Pay	Item Description		Unit Price	Amount
1	20,000	\$		SUPPLEMENT WORK FOR PRICE INDEX FLUCTUATIONS		\$ 1.00	\$ 20,000.00
2	1	LS		TRAFFIC CONTROL SYSTEM		\$ 60,000.00	\$ 60,000.00
3	2	EA		CONSTRUCTION PROJECT FUNDING SIGN		\$ 2,000.00	\$ 4,000.00
4	1	LS		JOB SITE MANAGEMENT		\$ 500.00	\$ 500.00
5	1	LS		PREPARE AND IMPLEMENT WATER POLLUTION CONTROL PLAN		\$ 1,000.00	\$ 1,000.00
6	29	SY		REMOVE AND DISPOSE CONCRETE ADA RAMP		\$ 50.00	\$ 1,450.00
7	18	SY		REMOVE AND DISPOSE CONCRETE WALKWAY		\$ 55.00	\$ 990.00
8	297	LF		REMOVE AND DISPOSE CONCRETE CURB		\$ 10.00	\$ 2,970.00
9	51	LF		REMOVE AND DISPOSE CONCRETE CURB AND GUTTER		\$ 20.00	\$ 1,020.00
10	86	SY		REMOVE AND DISPOSE STAMPED CONCRETE		\$ 45.00	\$ 3,870.00
11	316	SF		REMOVE AND DISPOSE CONCRETE SIDEWALK		\$ 12.00	\$ 3,792.00
12	6	SY		REMOVE AND DISPOSE STAMPED SIGN AND POST		\$ 100.00	\$ 600.00
13	7	EA		REMOVE AND DISPOSE CONCRETE CHANNELIZERS		\$ 50.00	\$ 350.00
14	1	EA		REMOVE AND DISPOSE CONCRETE RETROREFLECTIVE MARKERS		\$ 200.00	\$ 200.00
15	1	LS		CLEARING AND GRUBBING		\$ 30,000.00	\$ 30,000.00
16	163	CY	F	ROADWAY EXCAVATION		\$ 155.00	\$ 25,265.00
17	1	LS		FINISHING ROADWAY		\$ 8,000.00	\$ 8,000.00
18	30	CY	F	CLASS II AGGREGATE BASE		\$ 270.00	\$ 8,100.00
19	1	TON		FOG SEAL		\$ 1,200.00	\$ 1,200.00
20	1,540	SY		COLD PLANE ASPHALT		\$ 12.00	\$ 18,480.00
21	288	TON		HOT MIX ASPHALT (TYPE A)		\$ 200.00	\$ 57,600.00
22	1	TON		MINOR HMA (TYPE E DIKE)		\$ 500.00	\$ 500.00
23	365	LF		PLACE HMA 7 INCH THICK x 1 FOOR WIDE PLUG		\$ 30.00	\$ 10,950.00
24	37	LF		PLACE HMA DIKE		\$ 80.00	\$ 2,960.00
25	1	TON		TACK COAT		\$ 1,200.00	\$ 1,200.00
26	3	EA		ADJUST STORM DRAIN MANHOLE LID TO GRADE		\$ 2,000.00	\$ 6,000.00
27	151	SY		CONCRETE ADA RAMP, SIDEWALK, WALKWAY, ELECTRICAL PAD (MINOR CONCRETE)		\$ 140.00	\$ 21,140.00
28	342	LF		CONCRETE MEDIAN ISLAND CURB (MINOR CONCRETE)		\$ 52.00	\$ 17,784.00
29	120	LF		CONCRETE CURB AND GUTTER(MINOR CONCRETE)		\$ 83.00	\$ 9,960.00
30	102	SF		DETECTABLE WARNING DEVICE		\$ 47.00	\$ 4,794.00
31	113	SY		STAMPED CONCRETE (MEDIAN)		\$ 139.00	\$ 15,707.00
32	16	EA		INSTALL SIGN AND POST		\$ 700.00	\$ 11,200.00
33	7	EA		INSTALL NEW CHANNELIZERS		\$ 250.00	\$ 1,750.00
34	88	EA		RETROREFLECTIVE PAVEMENT MARKER (TYPE H)		\$ 14.00	\$ 1,232.00
35	1	EA		FIRE HYDRANT MARKER BLUE		\$ 130.00	\$ 130.00
36	468	LF		THERMOPLASTIC TRAFFIC STRIPE (DETAIL 39)		\$ 3.00	\$ 1,404.00
37	655	LF		PAINT TRAFFIC STRIPE (DETAIL 39)		\$ 2.00	\$ 1,310.00
38	810	LF		PAINT TRAFFIC STRIPE (DETAIL 39A)		\$ 2.00	\$ 1,620.00
39	458	LF		PAINT 6" WHITE DIAGONAL (BUFFER)		\$ 2.00	\$ 916.00
40	346	LF		THERMOPLASTIC 8" WHITE DIAGONAL LINE		\$ 4.00	\$ 1,384.00
41	1,945	LF		THERMOPLASTIC TRAFFIC STRIPE (DETAIL 27B)		\$ 3.00	\$ 5,835.00
42	54	LF		THERMOPLASTIC 12" STOP BAR LINE		\$ 5.00	\$ 270.00
43	308	LF		PAINT RED CURB		\$ 2.00	\$ 616.00
44	42	SF		PAINT PAVEMENT MARKING (A24C) (BIKE ARROW & SYMBOL)		\$ 5.00	\$ 210.00
45	238	SF		THERMOPLASTIC PAVEMENT MARKINGS (A24D)		\$ 5.00	\$ 1,190.00
46	432	SF		THERMOPLASTIC CROSSWALK STRIPE (A24F)		\$ 5.00	\$ 2,160.00
47	691	SF		REMOVE PAVEMENT PARKINGS		\$ 6.00	\$ 4,146.00
48	1,847	LF		REMOVE THERMOPLASTIC STRIPING		\$ 5.00	\$ 9,235.00
49	1	EA		REMOVE FLASHING BEACON		\$ 15,000.00	\$ 15,000.00
50	1	EA		FURNISH AND INSTALL HIGH-INTENSITY ACTIVATED CROSSWALK (HAWK)		\$ 205,000.00	\$ 205,000.00
51	1	LS		MOBILIZATION		\$ 57,000.00	\$ 57,000.00
					Improvements Subtotal		\$661,990
					Contingency (15%)		\$99,299
					CE	\$ 107,913	
					Total CON		\$869,202

ATP						Estimated Amount Due from City
Costs-County	Funding	Local Match	Central Unified	County-Match	City Cash Match	City-In kind Match
PA&ED	\$31,307	\$0	\$31,307	\$0	\$15,654	\$15,654
PE	\$99,337	\$84,000	\$15,337	\$0	\$7,669	\$7,669
ROW	\$26,919	\$23,000	\$3,919	\$0	\$3,919	\$0
CON	\$869,202	\$496,000	\$373,202	\$50,000	\$161,601	\$161,601
TOTAL	\$1,026,765	\$603,000	\$423,765	\$50,000	\$188,842	\$164,923