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RECITALS:

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

- 1

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.
27
28

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

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

If to the District:

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

If to the County:

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

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.
- 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.
- 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.

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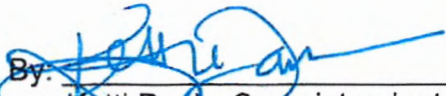
c. The provisions of this section satisfy the requirements of Civil Code section 1633.5, subdivision (b), in the Uniform Electronic Transaction Act (Civil Code, Division 3, Part 2, Title 2.5, beginning with section 1633.1).

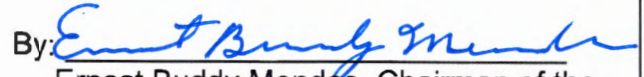
d. Each party using a digital signature represents that it has undertaken and satisfied the requirements of Government Code section 16.5, subdivision (a), paragraphs (1) through (5), and agrees that each other party may rely upon that representation.

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

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

Date: 2-24-25

Date: 3-25-2025

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

BY: 
Deputy

For accounting use only:

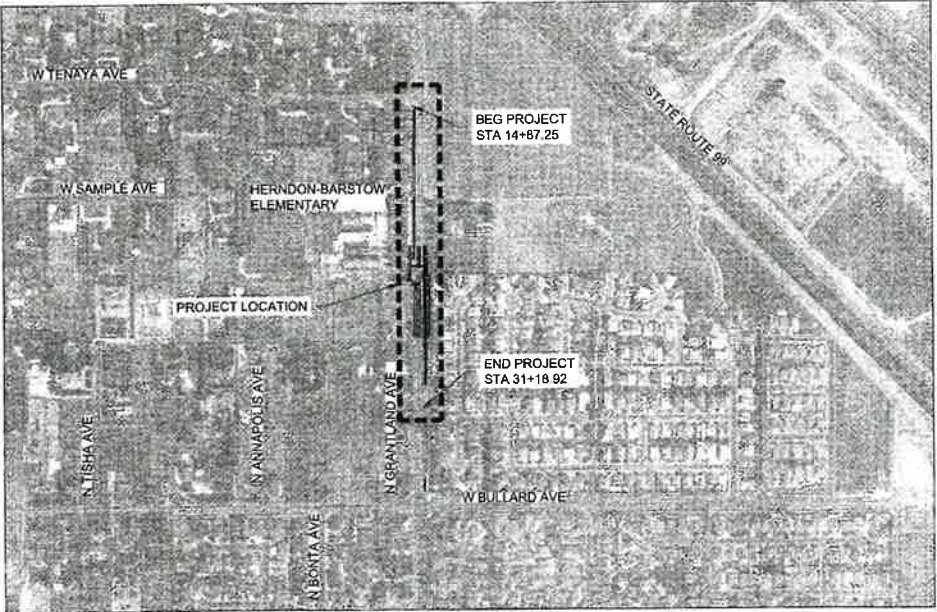
Org No: 4510
Fund: 0010
Account No: 4985
Subclass No: 11000
Project No: D14502

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



Brian Pacheco
Gray Bredefeld
Luis Chavez
Ernest "Buddy" Mendes
Nathan Magsig

Vice Chairman
Chairman

1st District
2nd District
3rd District
4th District
5th District

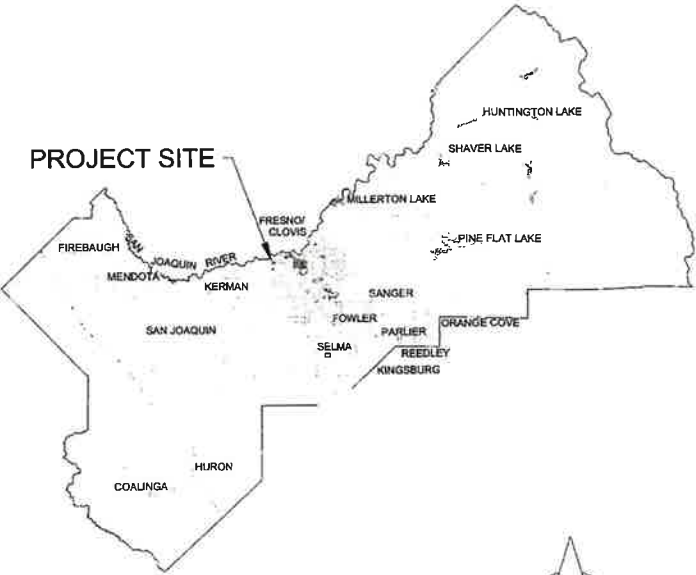
Paul Nerland
County Administrative Officer

Steve White
Digitally signed by
Steve White
Date: 2024.12.17
11:20:49 -08'00'

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

APPROVED
Scott Mazier, Public Works Director
City of Fresno

PROJECT SITE



VICINITY MAP
SCALE: N.T.S.

LOCATION MAP

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

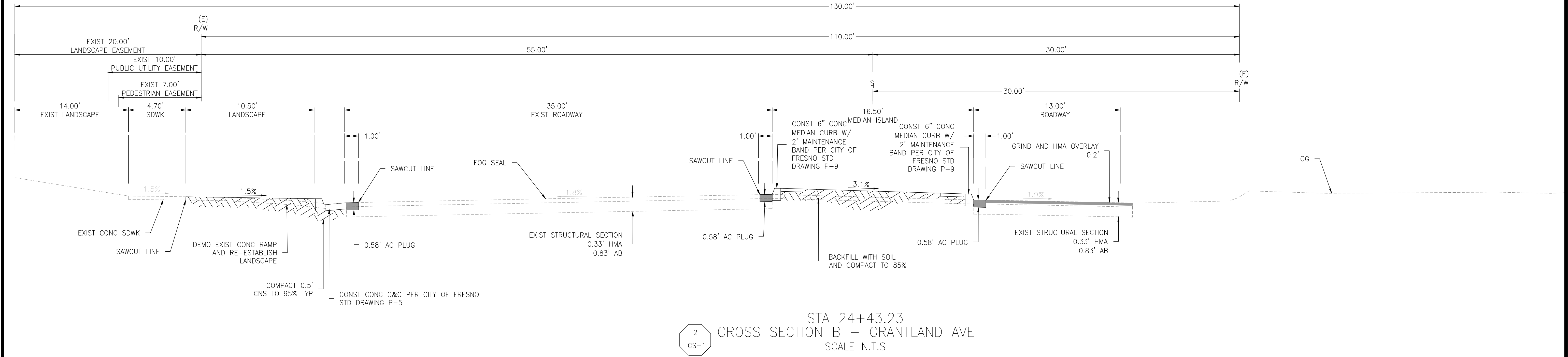
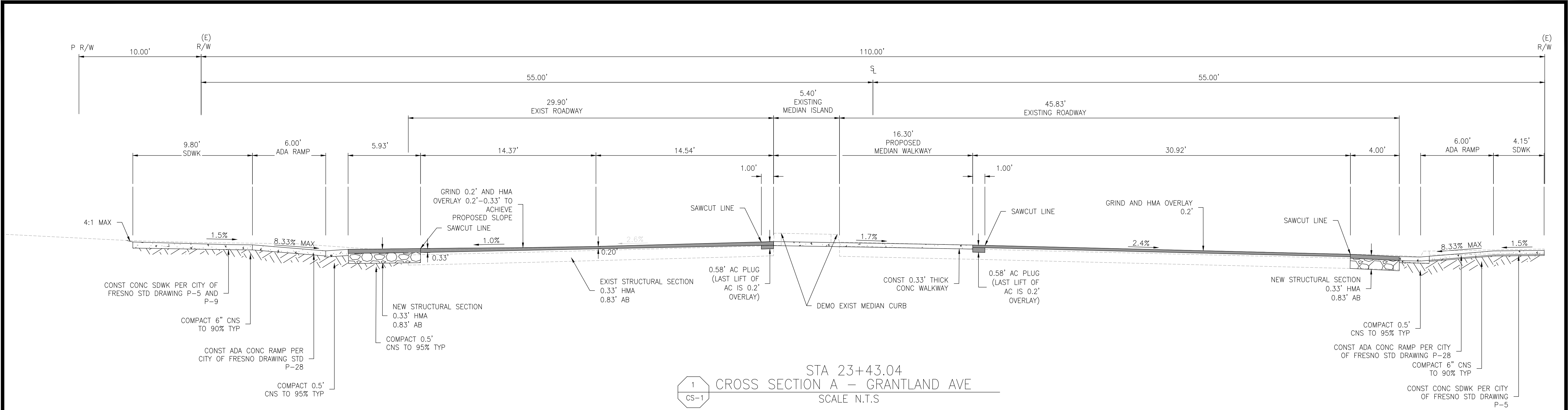


DEPARTMENT OF PUBLIC WORKS AND PLANNING




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

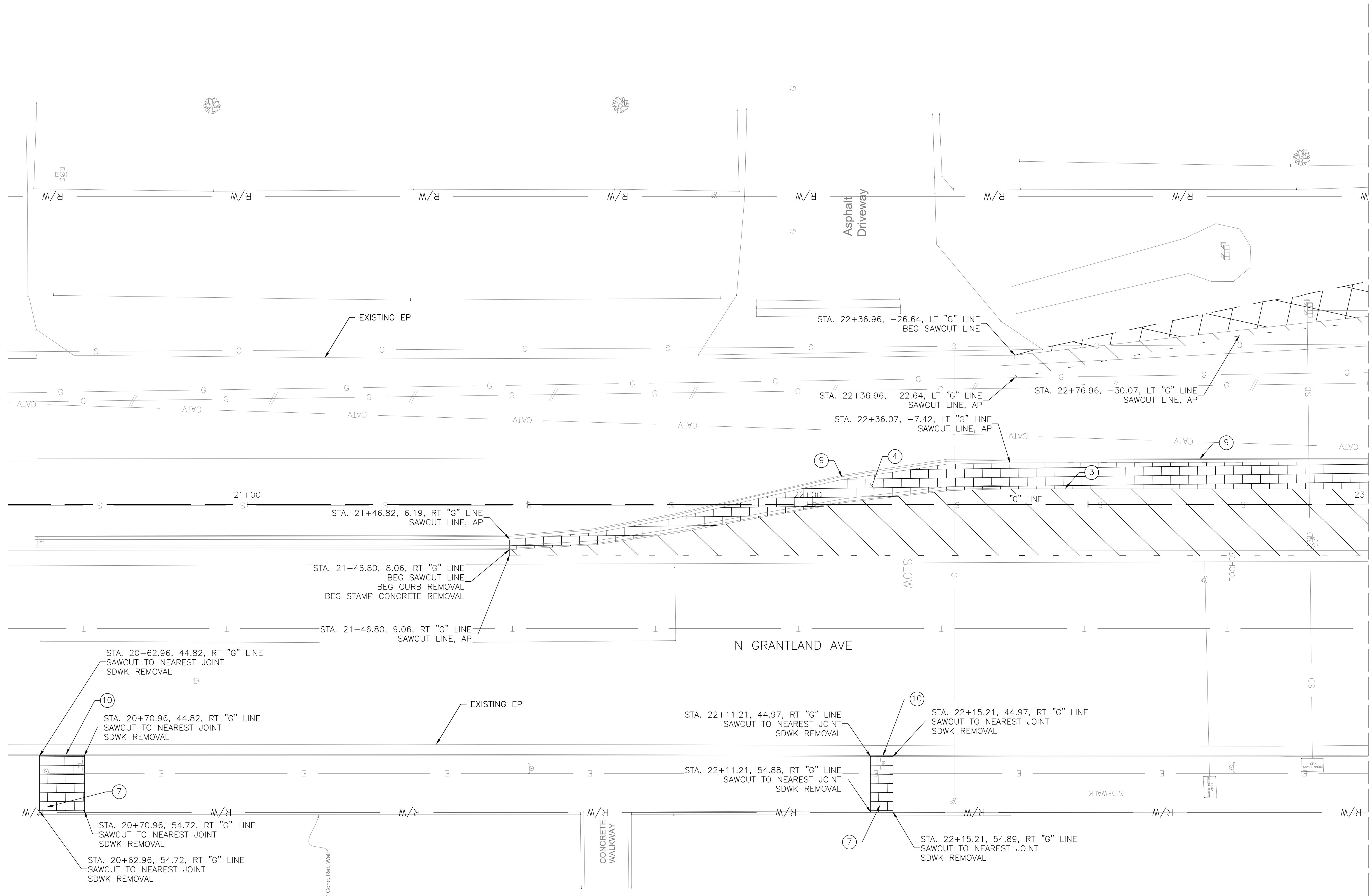
DIVISION	DESIGN	CONST	RMO	RESC
SIGNATURE				
DATE	12/16/2024	12/16/2024	12/16/2024	



DESIGNED: KCS		DATE	12/17/24	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: KCS		DATE	12/17/24	RESIDENT ENGINEER		N.T.S		ATP HERNDON-BARSTOW ELEMENTARY HAWK		CROSS SECTIONS	
CHECKED: SA		DATE	12/17/24					ROAD NO.		CS-1	
								BRIDGE NO.		DRAWING NO. 11326	
										SHEET NO. 04	
										TOTAL 17	

		DATE	RECORD DRAWING		SCALE		 12-17-24 DATE SUPERVISING ENGINEER				PROJECT				DEPARTMENT OF PUBLIC WORKS AND PLANNING								
DESIGNED: KCS		12/17/24	RESIDENT ENGINEER		DATE						ATP HERNDON-BARSTOW ELEMENTARY HAWK				HORIZONTAL CONTROL								
DRAWN: KCS		12/17/24													HC-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		SHEET NO. 05		TOTAL 17	

Y:\PROJECTS - ROAD & BRIDGE FOLDERS\ATP - HERNDON-BARSTOW ELEM HAWK (D14502)\PS&ES - EXHIBITS - MAPS\CURRENT SET\SHEETS\D14502D001.DWG 12/17/2024 8:49 AM - CARMONA, ERIK



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:

- REMOVE AND DISPOSE OF ASPHALT CONCRETE
- CLEAR AND GRUB
- REMOVE CONCRETE WALKWAY, STAMPED CONCRETE, MEDIAN CURB, DETECTABLE WARNING DEVICE, CURB AND GUTTER, AND ADA RAMP
- SAWCUT LINE

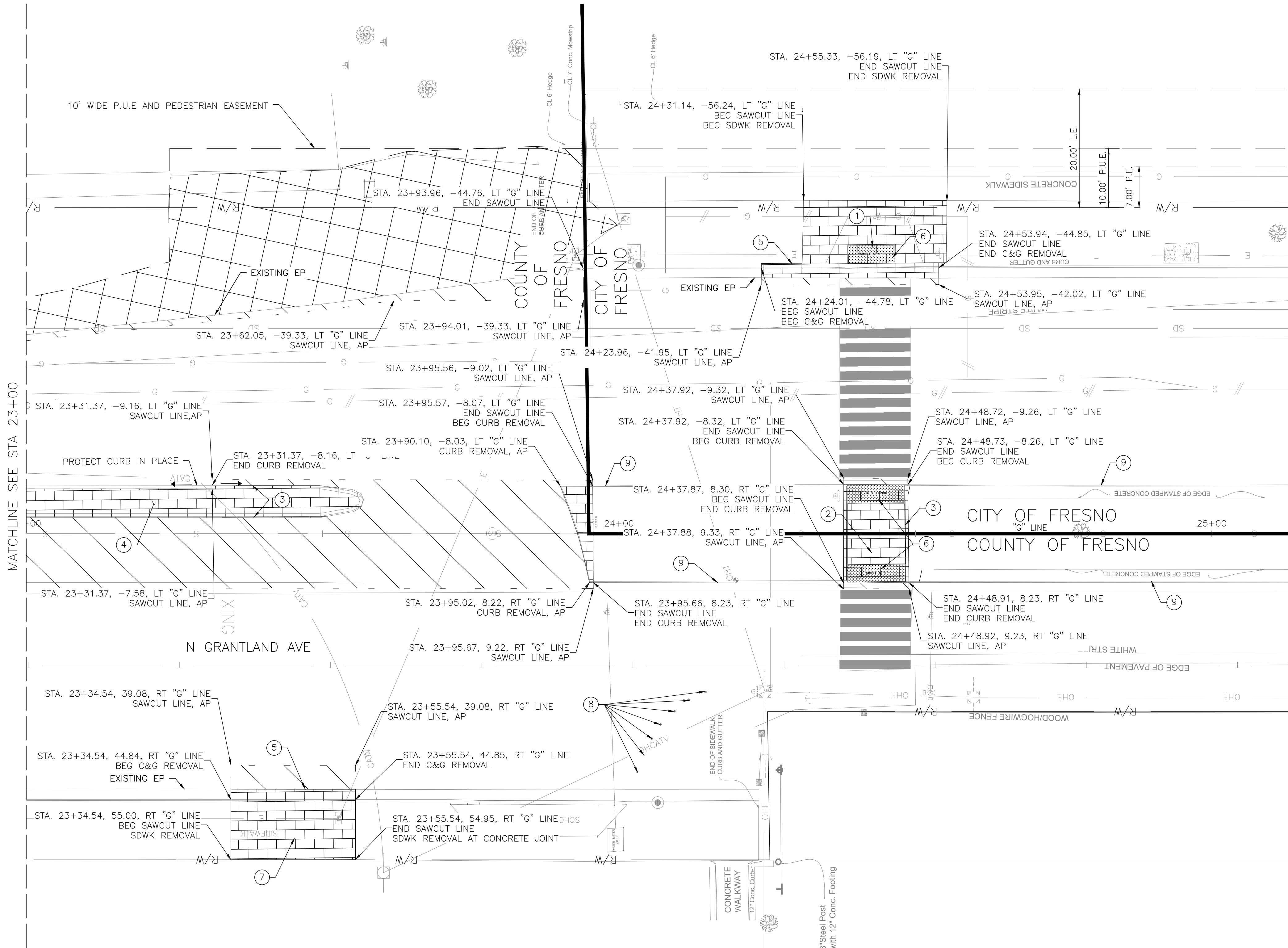
GENERAL NOTES:

- 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		 12-17-24 DATE		PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING					
DESIGNED: KCS	12/17/24	RESIDENT ENGINEER	DATE	 GRAPHIC SCALE: 1"=10'	ATP HERNDON-BARSTOW ELEMENTARY HAWK			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.	11326	SHEET NO.	06	TOTAL	17

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DEMOLITION NOTES:

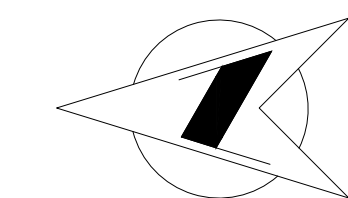
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- 3 REMOVE AND DISPOSE OF CONCRETE CURB
- 4 REMOVE AND DISPOSE OF STAMPED CONCRETE
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- SAWCUT LINE

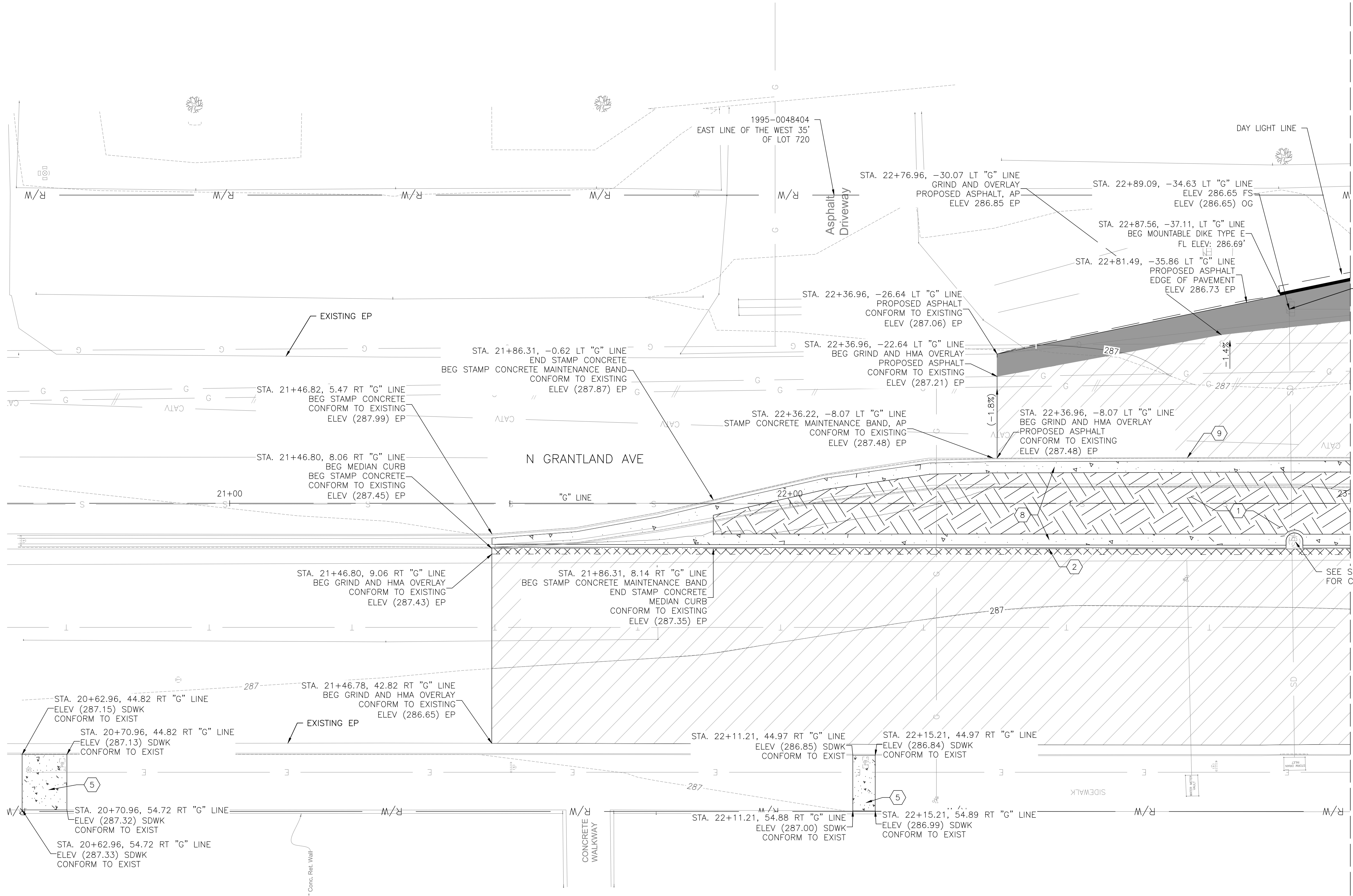
GENERAL NOTES:

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



DESIGNED: KCS		DATE		RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: KCS		12/17/24		RESIDENT ENGINEER		10 5 0 10		ATP HERNDON-BARSTOW ELEMENTARY HAWK		DEMOLITION PLAN	
CHECKED: SA		12/17/24				GRAPHIC SCALE: 1"=10'		ROAD NO. BRIDGE NO.		D-2	
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.										DRAWING NO. 11326 SHEET NO. 07 TOTAL 17	

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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:

- 0.33' HMA/ 0.83' AB
- 12" WIDE PLUG
- CONCRETE WALK 0.42' PCC
- GRIND AND OVERLAY 0.2' HMA
- GRASS
- SOIL
- FOG SEAL

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 12/17/24	RECORD DRAWING	
DRAWN: KCS	12/17/24	RESIDENT ENGINEER	DATE
CHECKED: SA	12/17/24		
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.			

SCALE
10 5 0 10
GRAPHIC SCALE: 1"=10'

	12-17-24
SUPERVISING ENGINEER	DATE

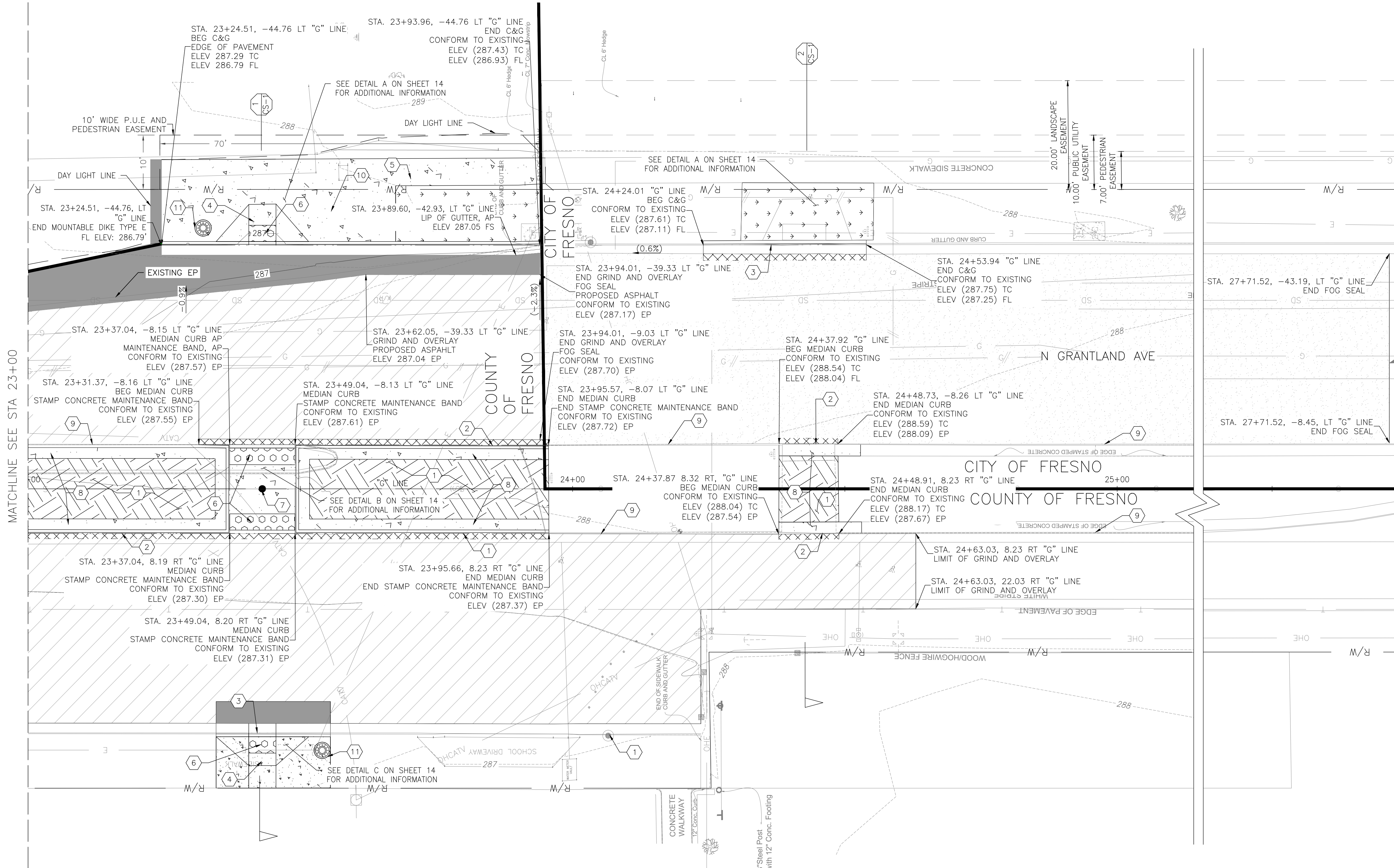


PROJECT
ATP HERNDON-BARSTOW ELEMENTARY HAWK
ROAD NO. BRIDGE NO.



DEPARTMENT OF PUBLIC WORKS AND PLANNING			
CONSTRUCTION PLAN			
L-1			
DRAWING NO. 11326	SHEET NO. 08	TOTAL 17	

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CONSTRUCTION NOTES:

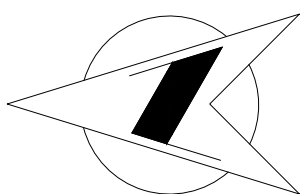
- 1 BACKFILL WITH SOIL AND COMPACT TO 85%
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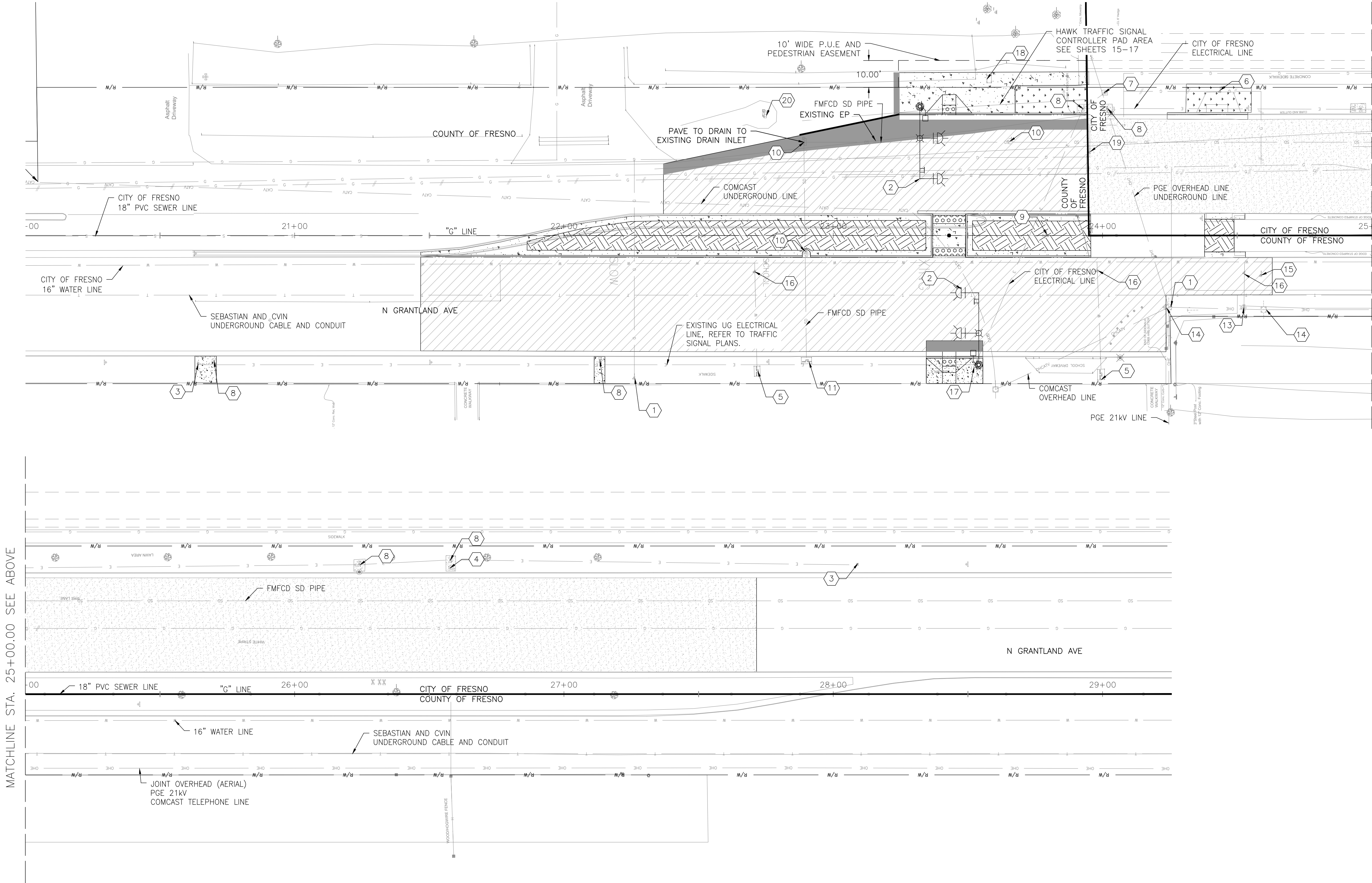
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DESIGNED: KCS		DATE		RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: KCS		12/17/24		RESIDENT ENGINEER		10 5 0 10		ATP HERNDON-BARSTOW ELEMENTARY HAWK		CONSTRUCTION PLAN	
CHECKED: SA		12/17/24				GRAPHIC SCALE: 1"=10'		ROAD NO.		L-2	
								BRIDGE NO.		DRAWING NO. 11326	
										SHEET NO. 09	
										TOTAL 17	

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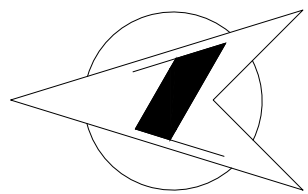
MATCHLINE STA. 25+00.00 SEE BELOW

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



DESIGNED: KCS	DATE: 12/17/24	RECORD DRAWING	
DRAWN: KCS	12/17/24	RESIDENT ENGINEER	DATE
CHECKED: SA	12/17/24		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.




SUPERVISING ENGINEER

12-17-24
DATE

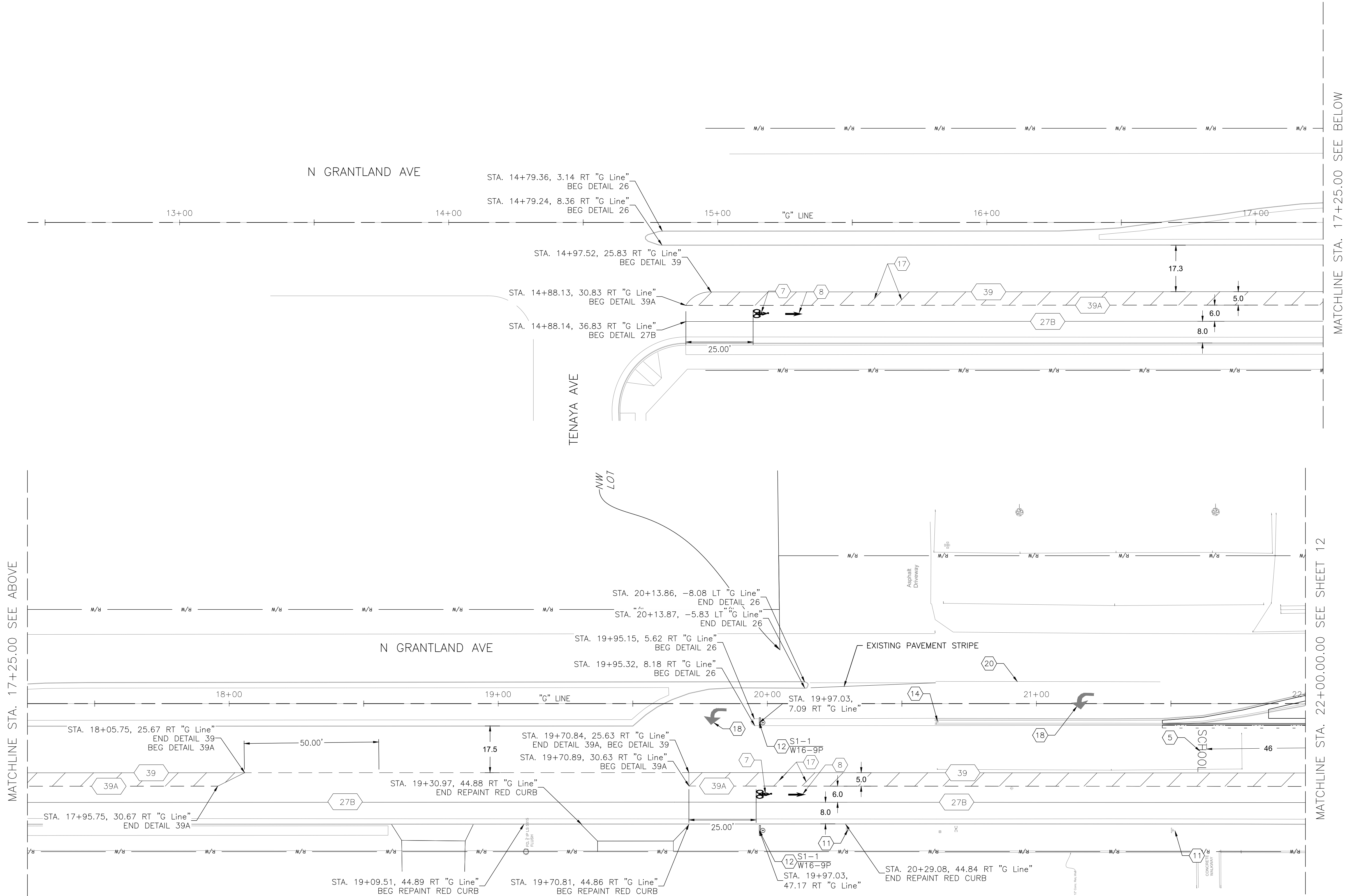


PROJECT	
ATP HERNDON-BARSTOW ELEMENTARY HAWK	
ROAD NO.	BRIDGE NO.



DEPARTMENT OF PUBLIC WORKS AND PLANNING		
UTILITY PLAN		
U-1		
DRAWING NO. 11326	SHEET NO. 10	TOTAL 17

Y:\PROJECTS - ROAD & BRIDGE FOLDERS\ATP - HERNDON-BARSTOW ELEM HAWK (D14502)\PS&ES - EXHIBITS - MAPS\CURRENT SET\SHEETS\D14502SS002.DWG 12/17/2024 8:50 AM - CARMONA, ERIK

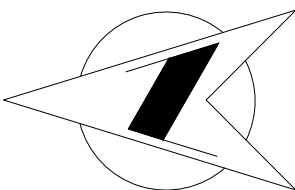


SIGNAGE AND STRIPING NOTES:

- 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
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- 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:

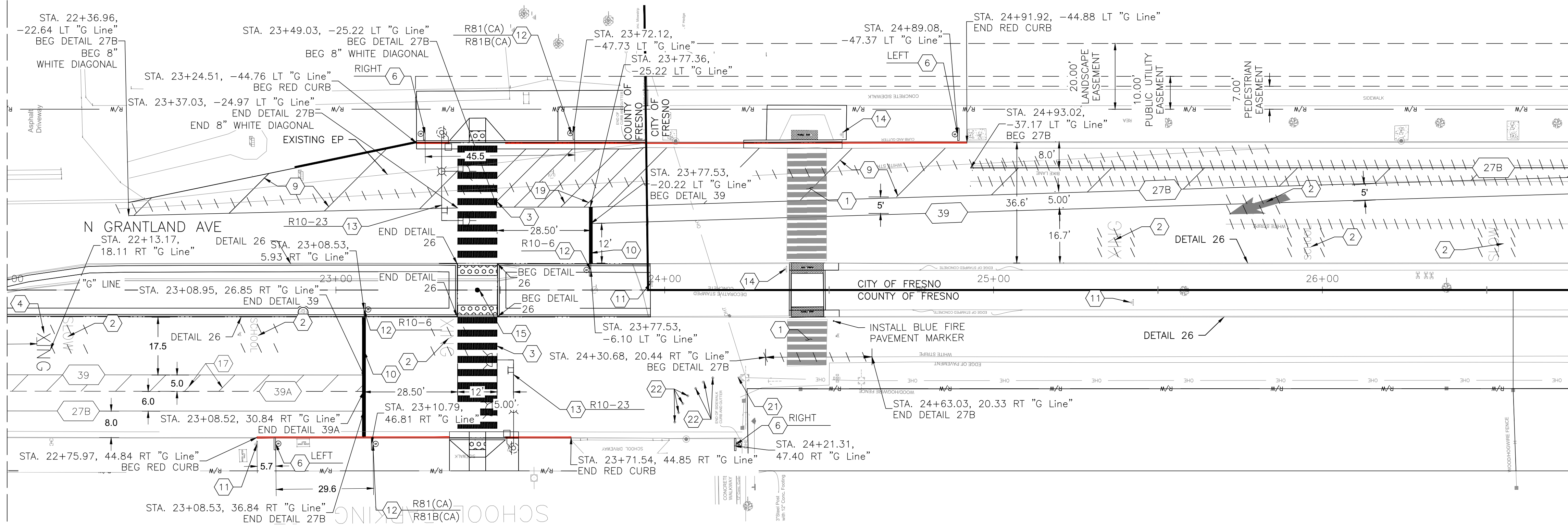
- 1) FOR UTILITY DEMOLITION AND IMPROVEMENTS SEE SHEET 10
- 2) FOR DEMOLITION SEE SHEET 06
- 3) FOR IMPROVEMENTS SEE SHEET 08
- 4) THE MINIMUM HEIGHT, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE TOP OF THE CURB, OR IN THE ABSENCE OF CURB, MEASURED VERTICALLY FORM THE BOTTOM OF THE SIGN TO 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.



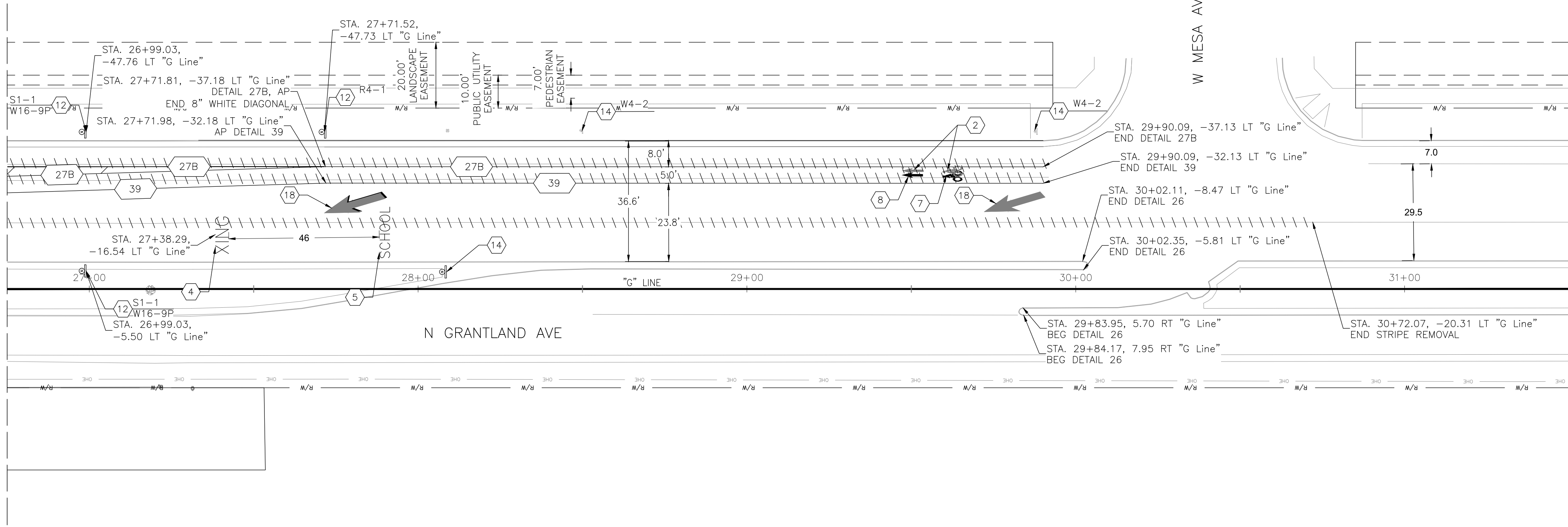
DESIGNED: KCS		DATE		RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: KCS		12/17/24		RESIDENT ENGINEER		20 10 0 20		ATP HERNDON-BARSTOW ELEMENTARY HAWK		SIGNAGE AND STRIPING PLAN	
CHECKED: SA		12/17/24				GRAPHIC SCALE: 1"=20'		ROAD NO.		SS-1	
								BRIDGE NO.		DRAWING NO. 11326	
										SHEET NO. 11	
										TOTAL 17	

Y:\PROJECTS - ROAD & BRIDGE FOLDERS\ATP - HERNDON-BARSTOW ELEM HAWK (D14502)\PS&ES - EXHIBITS - MAPS\CURRENT SET\SHEETS\D14502SS002.DWG 12/17/2024 8:50 AM - CARMONA, ERIK

MATCHLINE STA. 22+00.00 SEE SHEET 11



MATCHLINE STA. 26+75.00 SEE ABOVE



MATCHLINE STA. 26+75.00 SEE BELOW

MATCHLINE STA. 31+50.00.00 SEE SHEET 13

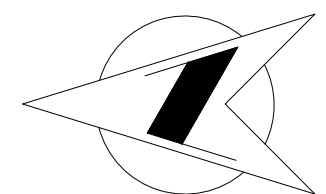
SIGNAGE AND STRIPING NOTES:

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- 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.
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- 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	DATE
DRAWN: KCS	12/17/24	RESIDENT ENGINEER	
CHECKED: SA	12/17/24		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

SCALE
20 10 0 20
GRAPHIC SCALE: 1"=20'

	12-17-24
SUPERVISING ENGINEER	DATE



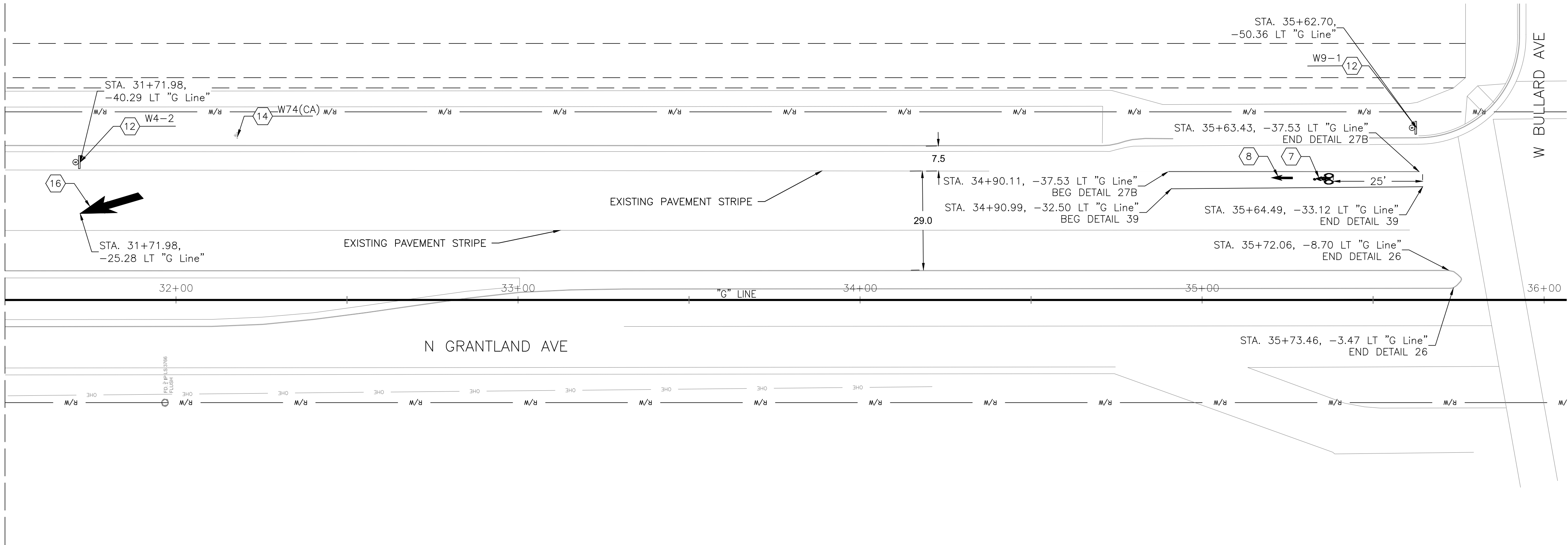
PROJECT	
ATP HERNDON-BARSTOW ELEMENTARY HAWK	
ROAD NO.	BRIDGE NO.



DEPARTMENT OF PUBLIC WORKS AND PLANNING			
SIGNAGE AND STRIPING PLAN			
SS-2			
DRAWING NO.	11326	SHEET NO.	12
		TOTAL	17

Y:\PROJECTS - ROAD & BRIDGE FOLDERS\ATP - HERNDON-BARSTOW ELEM HAWK (D14502)\PS&ES - EXHIBITS - MAPS\CURRENT SET\SHEETS\D14502SS002.DWG 12/17/2024 3:10 PM - CARMONA, ERIK

MATCHLINE STA. 31+50.00 SEE SHEET 12



SIGNAGE AND STRIPING NOTES:

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- No. INSTALL THERMOPLASTIC STRIPING PER CALTRANS STANDARD PLANS (DETAIL NO. SHOWN, TYP)

BEGIN/END OF TRAFFIC STRIPE DETAIL

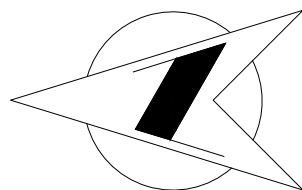
CHANGE OF TRAFFIC STRIPE DETAIL





INSTALL TRAFFIC SIGN

REMOVE STRIPE OR MARKING

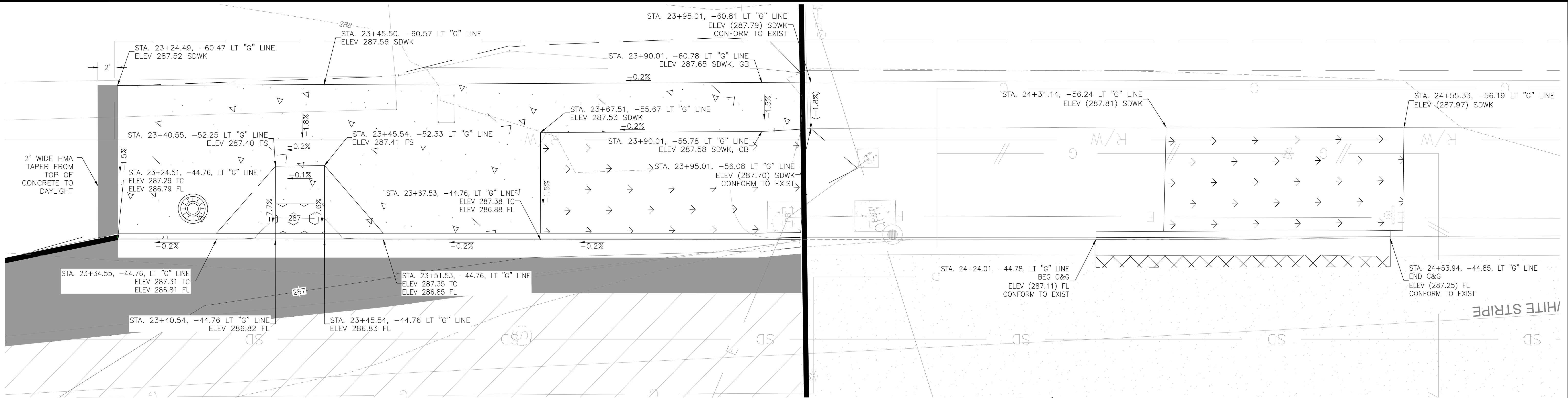
GENERAL NOTES:

- 1) FOR UTILITY DEMOLITION AND IMPROVEMENTS SEE SHEET 10
- 2) FOR DEMOLITION SEE SHEET 08
- 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.
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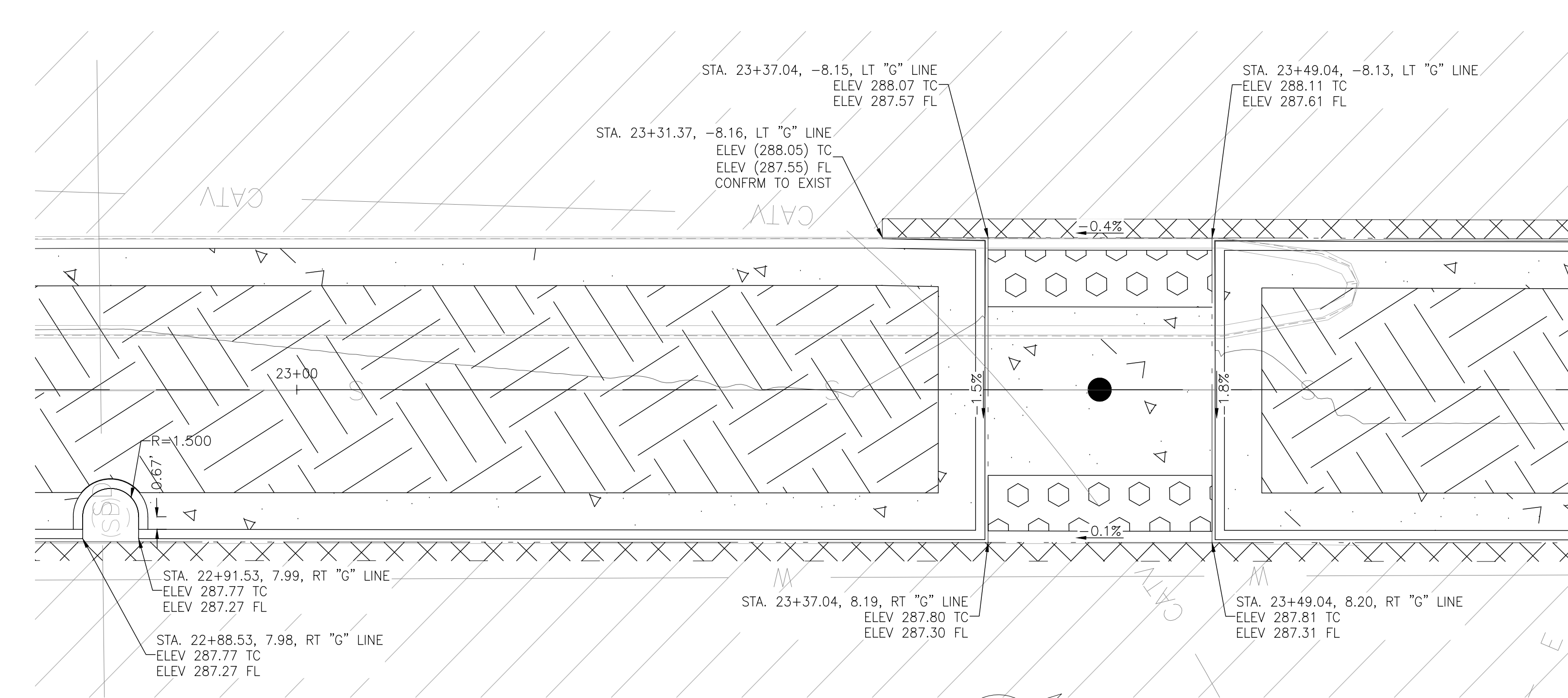


		DATE		RECORD DRAWING		SCALE				PROJECT				DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DESIGNED: KCS		12/17/24		RESIDENT ENGINEER		DATE				ATP HERNDON-BARSTOW ELEMENTARY HAWK				SIGNAGE AND STRIPING PLAN		
DRAWN: KCS		12/17/24						 12-17-24 DATE		ROAD NO.		BRIDGE NO.		SS-3		
CHECKED: SA		12/17/24														
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.																
																

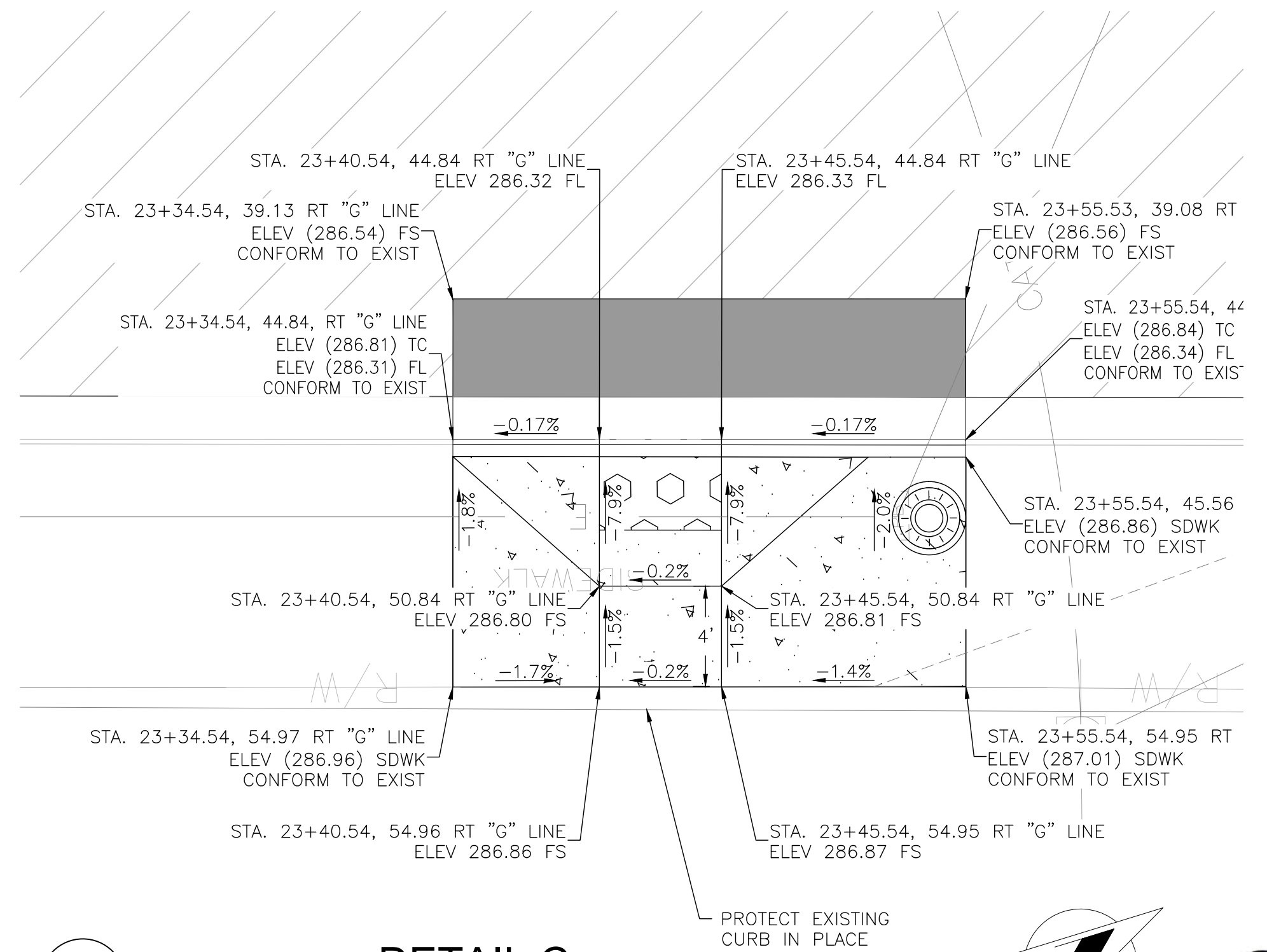
Y:\PROJECTS - ROAD & BRIDGE FOLDERS\ATP - HERNDON-BARSTOW ELEM HAWK (D14502)\PS&ES - EXHIBITS - MAPS\CURRENT SET\SHEETS\D14502DTL001.DWG 12/17/2024 8:51 AM - CARMONA, ERIK



1
DETAIL A
SCALE 1"=5'



2
DETAIL B
SCALE 1"=5'



3
DETAIL C
SCALE 1"=5'



DESIGNED: KCS		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: KCS		12/17/24	RESIDENT ENGINEER		10 5 0 10		ATP HERNDON-BARSTOW ELEMENTARY HAWK		GRADING DETAILS	
CHECKED: SA		12/17/24			GRAPHIC SCALE: 1"=10'		ROAD NO.		CD-1	
							BRIDGE NO.		DRAWING NO. 11326	
									SHEET NO. 14	
									TOTAL 17	

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 CABLEING. CONTRACTOR SHALL FURNISH AND INSTALL RELEA COMPONENTS AND WIRING PER CITY OF FRESNO STANDARD E-34D. CONTRACTOR SHALL FURNISH NEW 2070/LX PART NUMBER 2070-6F33601050 PER PROJECT SPECIFICATIONS AND COORDINATE THROUGH CONSTRUCTION MANAGEMENT THE DELIVERY OF THE 2070/LX TO THE COUNTY OF FRESNO. TESTING AND COMMISSIONING SHALL BE PERFORMED BY THE TRAFFIC SIGNAL CONTROLLER BY COUNTY OF FRESNO. FUNDING: COUNTY OF FRESNO INSPECTION PER CITY OF FRESNO STANDARD SPECIFICATIONS SECTION 23-1.25. FOUNDATION PER CALTRANS STANDARD PLAN E-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.

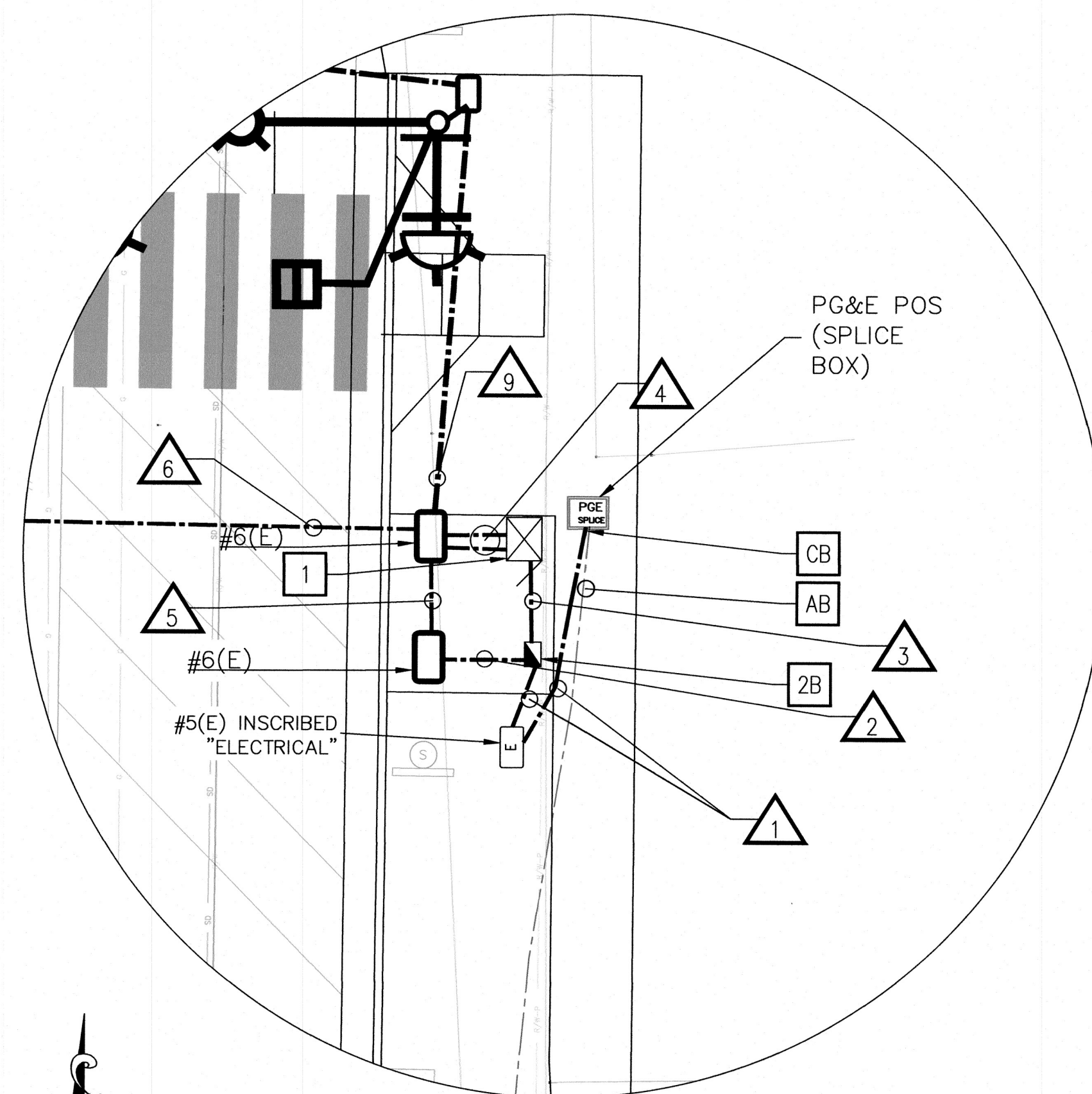
CONTRACTOR SHALL REMOVE EXISTING SERVICE CABINET AND SALVAGE TO THE CITY OF FRESNO
CONTRACTOR SHALL DEMOLISH EXISTING FOUNDATION.

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).

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.

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

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.



DETAIL 'A

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.

#6(E)

INSTALL SIGN ON SIGNAL POLE.

INSTALL SIGN ON SIGNAL MAST ARM.

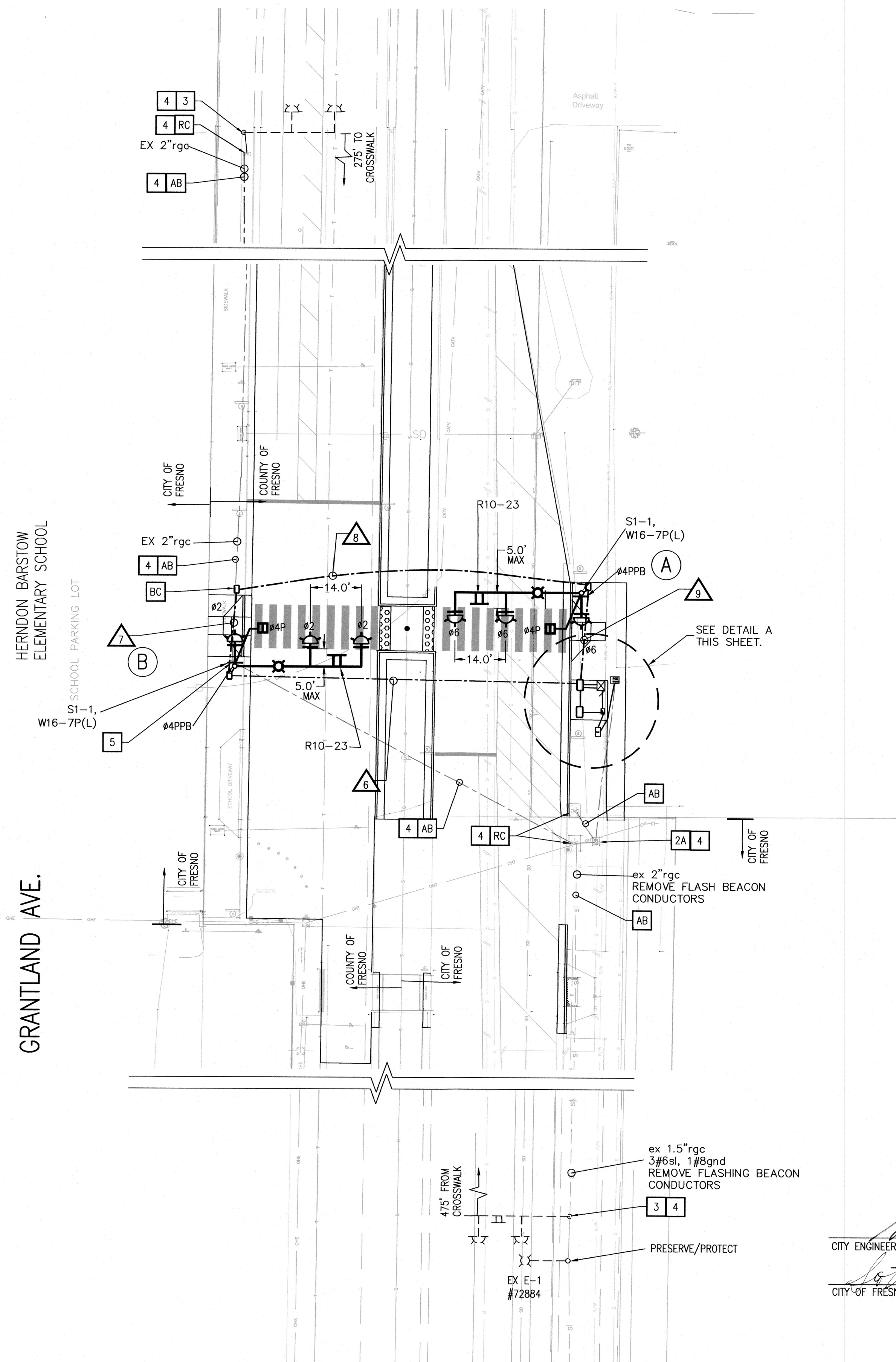
INSTALL #6(E) PULL BOX PER CITY OF FRESNO STANDARDS WITH COUNTY LOCKING LID.

INSTALL NO. 5(E) PULL BOX WITH COUNTY LOCKING LID.

HAWK BEACON SIGNAL HEAD.



GRANTLAND AVE. ONE



1. ANY PULL BOX ACCESSED, ADJUSTED, MODIFIED OR FALLS WITHIN THE SCOPE OF WORK SHALL BE CLEANED TO EXPOSED DRAIN HOLE, GROUTED, AND DUCT SEALED.
2. CONTRACTOR SHALL REMOVE AND REPLACE ALL AFFECTED CONCRETE AND/OR ASPHALT PAVING IMPROVEMENTS DURING CONSTRUCTION TO EXISTING CONDITIONS PER CITY STANDARDS AND TO THE SATISFACTION OF THE INSPECTOR AND/OR AS DIRECTED BY ENGINEER. REPLACEMENT AND/OR SAWCUT OF CONCRETE SHALL BE TO THE NEAREST EXISTING CONCRETE JOINTS OR SCRIBE.
3. CONTRACTOR SHALL CONTACT PG&E PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES FOR A DISCONNECT/RECONNECT OF POWER SERVICE.
4. ALL EXISTING PULL BOXES SHOWN TO REMAIN WITHOUT LOCKING LIDS SHALL HAVE LOCKING LIDS INSTALLED TO CITY OF FRESNO REQUIREMENTS.
5. EXISTING UNDERGROUND CONDUIT TO BE INCORPORATED INTO A NEW SYSTEM SHALL BE CLEANED WITH A MANHOLE OR CYLINDRICAL WIRE BRUSH AND BLOWN OUT WITH COMPRESSED AIR.
6. ALL SIDEWALK SHALL BE INSTALLED PER CITY OF FRESNO STANDARD DRAWING, P-5. ALL CONCRETE DISTURBED SHALL BE RESTORED.
7. CONDUIT BENDS OF 90 DEGREES ARE PROHIBITED UNLESS OTHERWISE NOTED OR WRITTEN PERMISSION BY ENGINEER.
8. EXISTING UNDERGROUND SHIELDING SHALL BE CLEANED OF DEBRIS AND HAVE A MANHOLE STRUNG THROUGH CONDUIT PRIOR TO INSTALLATION OF NEW CONDUCTORS.

1. TIMING SHALL BE PROVIDED BY COUNTY STAFF OR BY A COUNTY CONSULTANT AND SHALL BE COMPLIANT TO CALIFORNIA MUTCD. THE CONSULTANT SHALL VERIFY OPERATIONS OF THE TRAFFIC SIGNAL CONTROLLER WITH TIMING, AND CONSULTANT SHALL VALIDATE OPERATIONS DURING THE TRAFFIC SIGNAL TURN-ON.

1. CITY APPROVAL LIMITED TO WORK WITHIN THE CITY LIMITS ONLY.

SCALE 1"=20'

0 20 40

REVIEWED BY

CITY ENGINEER

CITY OF FRESNO TRAFFIC ENGINEERING

12/20/2024

2/20/2024

Underground Service Alert

CALL
"811"
(USA NORTH)
TWO WORKING DAYS
BEFORE YOU DIG

050



PW FILE NO.	13558
PROJ. ID.	PW01050
FUND NO.	22508
ORG. NO.	18990
REF. & REV.	

GRANTLAND AVENUE HAWK
TRAFFIC SIGNAL

HERNDON-BARSTOW ELEMENTARY SCHOOL
HAWK SIGNAL INSTALLATION

REVIEWED: _____
OFFICE ENG. ST CITY ENG. zm
DR. BY: _____ EWJ SHEET NO. 15
CH. BY: _____ TC OF 17 SHEETS
DATE: 12/13/2024
SCALE: AS SHOWN 4-E-3880

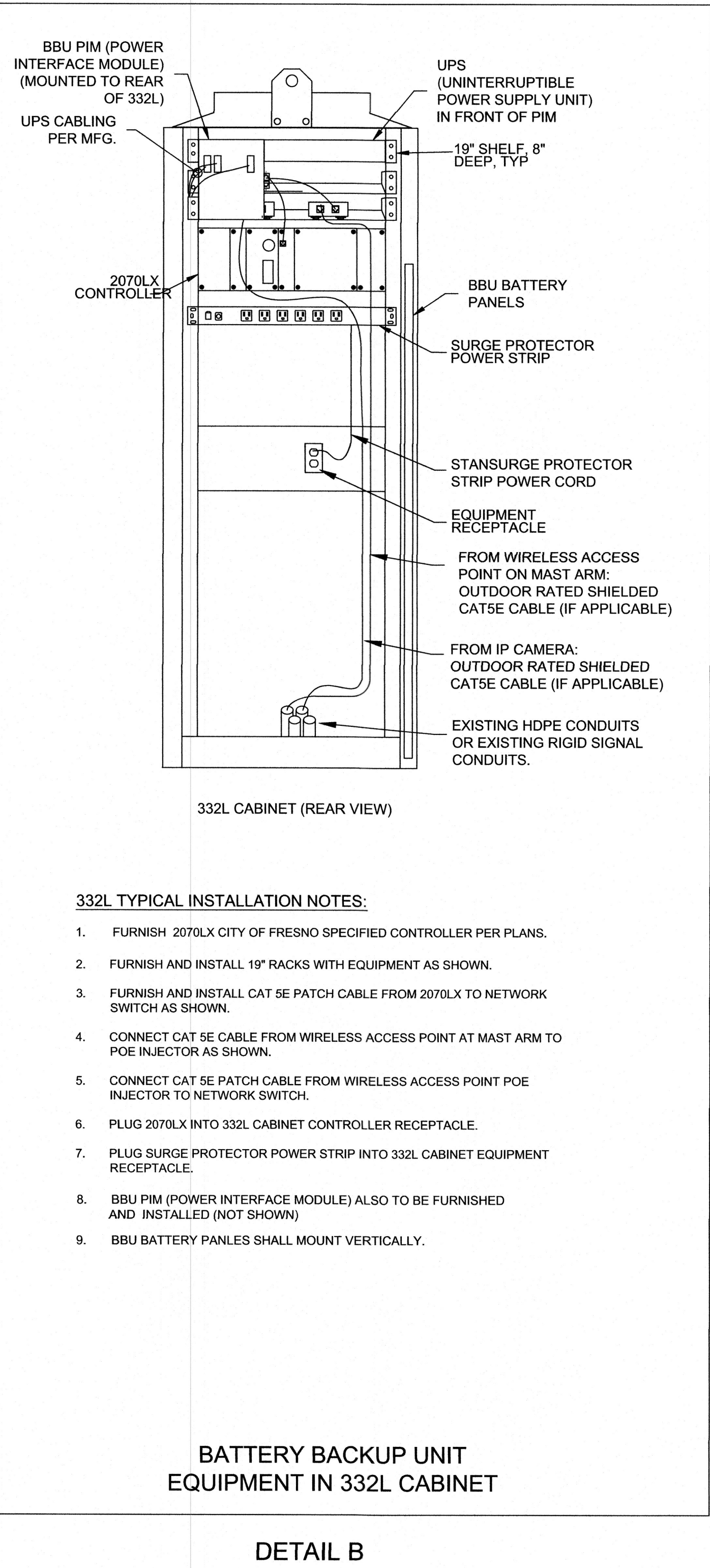
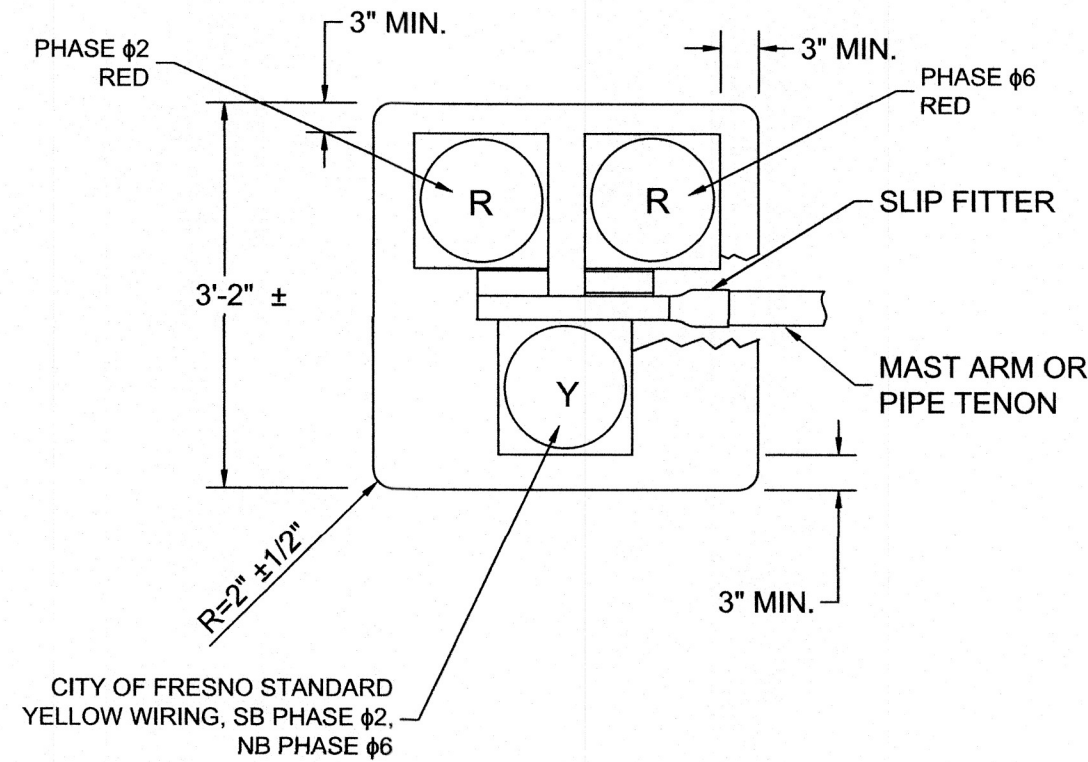
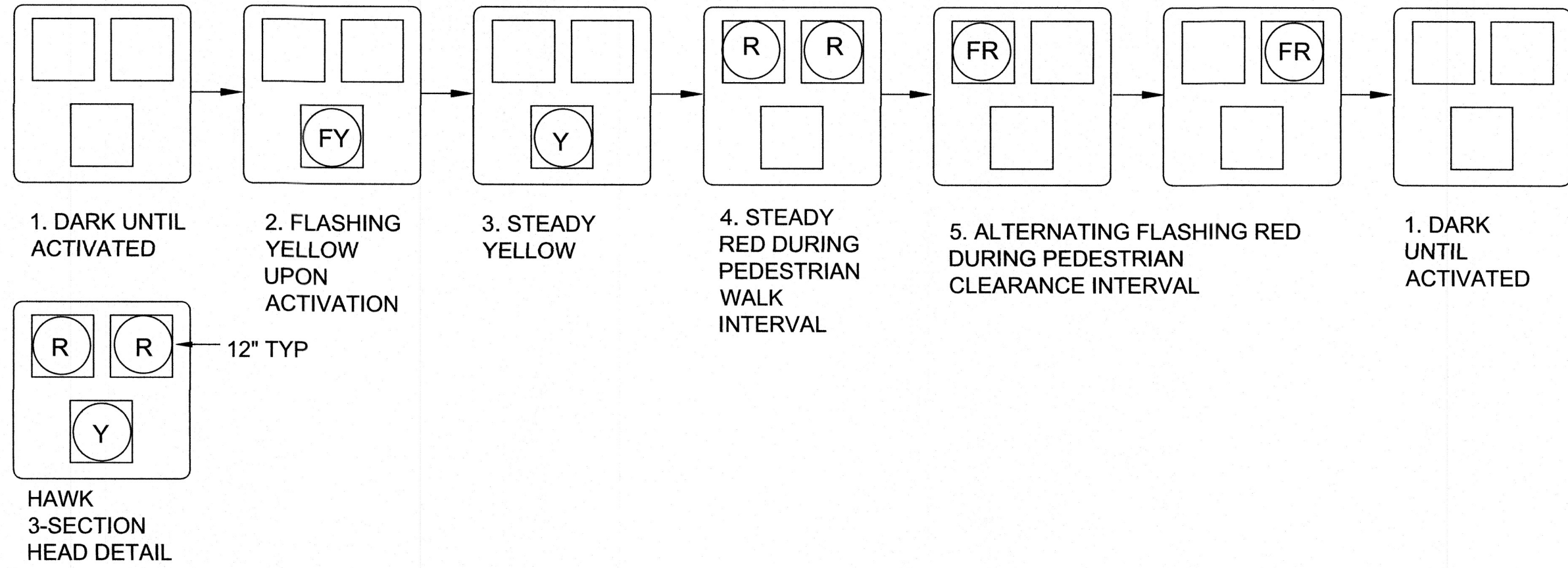
06/30/2025

EQUIPMENT SCHEDULE												
LOCATION	* POLE TYPE	MAST ARM *		SIGNAL MOUNTING			BACK	PPB	LUMINAIRE WATTAGE & PGE #	SNS LEGEND	REMARKS	
		SIGNAL	LUMINAIRE	VEHICLE	MAST ARM	PEDESTRIAN						
(A)	24-4-100	35'	12'	SV-1-T	MASSA,MASSA	SP-1-T	3	4P	← LED 45W #		INSTALL S1-1, W16-7P, R10-23. INSTALL PEC ON POLE A	
(B)	24-4-100	35'	12'	SV-1-T	MASSA,MASSA	SP-1-T	3	4P	← LED 45W #		INSTALL S1-1, W16-7P, R10-23.	
LED = LED INTERSECTION SAFETY LIGHT LUMINAIRE TO BE FURNISHED AND INSTALLED. REFERENCE SECTION 23-1.23 TRAFFIC SIGNAL HEADS SHALL BE PER THE HAWK SIGNAL HEAD DETAIL (MULTI-HEAD), DETAIL THIS PLAN SET. PEDESTRIAN HEAD SHALL BE COUNTDOWN STYLE PER CITY REQUIREMENTS. CREE RSWS-B-HT-3ME-7L-40K7-UL-GY-N-X3-26												
MID ARM TENONS ON THE SIGNAL MAST ARMS SHALL NOT BE INSTALLED. SIGNAL HEADS SHALL BE INSTALLED WITH ASTRO BRACKET OR APPROVED EQUAL. SNS SIGNS SHALL BE PER CITY STD. P-90.												
PEC SHALL BE PER CITY STANDARD SPECIFICATIONS. ALL BACKPLATES SHALL HAVE 2 INCH MINIMUM YELLOW RETROREFLECTIVE STRIP ALONG PERIMETER OF SIGNAL BACKPLATE TO PROVIDE A RECTANGULAR APPEARANCE AT NIGHT. POLES SHALL BE PER CALTRANS 2023 PLANS												

CONDUCTOR SCHEDULE												
AWG OR CABLE	POLE	Ø	CONDUIT RUN NUMBER AND SIZE									
			1	2	3	4	5	6	7	8	9	
7 COND. CABLE (VEH.) *	(A)	2,6 4P				1						1
	(B)	2,6 4P				1		1				
5 COND. CABLE (PED.) *	TOTAL					2		1				1
	(A)	4P				1						1
3 COND. CABLE (PPB) *	(B)	4P				1		1				
	TOTAL					2		1				1
TYPE C DLC												
# 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	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.												

PHASING SEQUENCE

REFERENCE CITY OF FRESNO STANDARD E-24C.



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 KEYS 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 5000, 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 BRACKETS APPROVED BY 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 POLARA Inavigator2 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.

THE APS ICCU-C (INTELLIGENT CENTRAL CONTROL UNIT) SHALL BE SUPPLIED AND BE PLACED IN CABINET INPUT FILE 1-12/1-13 WITH THE CARD EDGE PLUGGED INTO 1-13. THE POWER SUPPLY PIGTAIL SHALL BE CUT TO LENGTH TO ELIMINATE EXCESS CABLE WITH POWER OBTAINED FROM THE PDA T1 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 COUNTY OF FRESNO TRAFFIC SIGNAL AND STREET LIGHT (TSSL) PRESENT. UPON COMPLETION CONTRACTOR WILL PROVIDE THE COUNTY WITH THE PROGRAMMING UNIT.
33. 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.
34. 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.
35. ANY BROKEN PULL BOX DAMAGED BY CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CITY OR THE COUNTY.
36. 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.
37. ALL VEHICLE AND PEDESTRIAN SIGNAL SECTIONS SHALL BE TERMINATED USING AN INSULATED SPADE TERMINAL PROPERLY SIZED FOR THE WIRE ON THE SCREW. THE TERMINAL SHALL BE INSTALLED USING THE PROPER TOOLING AND TINNED WITH SOLDER PRIOR TO INSTALLATION. NO OPEN FLAME.
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-BUILTS 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.

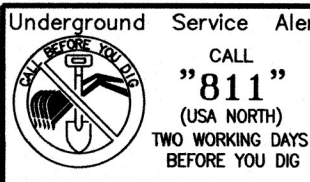
R:\02 PROJECTS\PM PROJECTS (PUBLIC WORKS)\PM0055 - HERRIDGE - ELEM HAWK\03 PROJECT DESIGN\02 PLANS\Drawn\PM0055_02_PLANS.dwg - Plot Date: 12/20/24 07:59:40 AM - Plot By: lorenz



PM FILE NO. 13558
PROJ. ID. PM01050
FUND NO. 22506
ORG. NO. 189901
REF. & REV.

GRANTLAND AVENUE HAWK
TRAFFIC SIGNAL
EQUIPMENT AND CONDUCTOR SCHEDULES
GENERAL NOTES

REVIEWED: *St* OFFICE ENG. CITY ENG. *mm*
DR. BY: *EW* TO SHEET NO. 17
CH. BY: *TO* OF 17 SHEETS
DATE: 12/13/2024
SCALE: AS SHOWN 4-E-3882



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 FOOT 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		PANT 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

							City-In kind Match	Estimated Amount Due from City
	Costs-County	ATP Funding	Local Match	Central Unified	County-Match	City Cash Match		
PA&ED	\$31,307	\$0	\$31,307	\$0	\$15,654	\$15,654		\$15,654
PE	\$99,337	\$84,000	\$15,337	\$0	\$7,669	\$7,669	\$20,000	(\$12,332)
ROW	\$26,919	\$23,000	\$3,919	\$0	\$3,919	\$0		\$0
CON	\$869,202	\$496,000	\$373,202	\$50,000	\$161,601	\$161,601		\$161,601
TOTAL	\$1,026,765	\$603,000	\$423,765	\$50,000	\$188,842	\$184,923	\$20,000	\$164,923