



ENVIRONMENTAL CONSULTANTS

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3426 Empresa Drive, Suite 100  
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Tel 805.543.7095 Fax 805.543.2367  
www.swca.com

May 16, 2023

Garine Kendoyan, Engineer  
City of Fresno, Public Works Department  
Engineering Services Division  
2600 Fresno Street, Room 4016  
Fresno, CA 93721

**Re: PW00930 Shaw Avenue Streetlights - Supporting Memorandum for Categorical Exemption  
(Class 2 – Replacement or Reconstruction) / SWCA Project No. 73586-001**

Dear Ms. Kendoyan:

This memorandum provides supporting documentation for determining the Shaw Avenue Streetlights Project (project) exempt from the California Environmental Quality Act (CEQA) in accordance with CEQA Guidelines 15302, Class 2, Replacement or Reconstruction.

## **PROJECT OVERVIEW**

The City of Fresno proposes to upgrade existing steel light poles with light-emitting diode (LED) luminaries, install underground electrical conduit, install new steel poles, and replace existing wooden light poles with steel poles and LED fixtures in order to improve visibility along the north side of Shaw Avenue between Cedar Avenue and Chestnut Avenue in the city of Fresno, California. All project activities would occur within the existing developed sidewalk of Shaw Avenue.

## **APPLICABLE EXEMPTION**

A Class 2 Categorical Exemption consists of replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced. An example is replacement or reconstruction of existing utility systems and/or facilities involving negligible purpose and capacity. The proposed project includes replacement and improvement of existing streetlights and associated infrastructure within existing developed areas along Shaw Avenue in order to improve visibility. The project improvements would not increase capacity and the project would not result in potentially significant environmental impacts associated with its location, cumulative impacts, scenic resources, hazardous waste sites, historical resources, energy demand, or otherwise have the potential to result in a significant effect.

Sincerely,

A handwritten signature in blue ink that reads 'Jacqueline Markley'. The signature is written in a cursive, flowing style.

Jacqueline Markley, AICP  
Senior Environmental Planner

Attachment A Notice of Exemption

**ATTACHMENT A**

Notice of Exemption

# Notice of Exemption

## Appendix E

**To:** Office of Planning and Research  
P.O. Box 3044, Room 113  
Sacramento, CA 95812-3044

County Clerk

County of: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**From:** (Public Agency): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(Address)

Project Title: \_\_\_\_\_

Project Applicant: \_\_\_\_\_

Project Location - Specific:

Project Location - City: \_\_\_\_\_ Project Location - County: \_\_\_\_\_

Description of Nature, Purpose and Beneficiaries of Project:

Name of Public Agency Approving Project: \_\_\_\_\_

Name of Person or Agency Carrying Out Project: \_\_\_\_\_

Exempt Status: **(check one):**

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- Categorical Exemption. State type and section number: \_\_\_\_\_
- Statutory Exemptions. State code number: \_\_\_\_\_

Reasons why project is exempt:

Lead Agency

Contact Person: \_\_\_\_\_ Area Code/Telephone/Extension: \_\_\_\_\_

**If filed by applicant:**

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project?    Yes    No

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Title: \_\_\_\_\_

Signed by Lead Agency      Signed by Applicant

Authority cited: Sections 21083 and 21110, Public Resources Code.  
Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.

Date Received for filing at OPR: \_\_\_\_\_

**GENERAL NOTES:**

1. ALL WORK SHALL CONFORM TO APPLICABLE SECTIONS OF THE STATE OF CALIFORNIA "STANDARD SPECIFICATIONS", ISSUED BY THE CALIFORNIA DEPARTMENT OF TRANSPORTATION, THE NATIONAL ELECTRICAL CODE, THE MOST RECENT CITY OF FRESNO STANDARD SPECIFICATIONS AND STANDARD DRAWINGS, AND THE SPECIAL PROVISIONS.
2. LUMINAIRE SHALL BE COBRA HEAD TYPE, 120V LIGHT EMITTING DIODE (LED) WITH AN EXTENDED LIFE, QUICK ACTING PHOTOELECTRIC CELL AND SHALL BE SELECTED PURSUANT TO SECTION 23-3 OF THE CITY SPECIFICATIONS. INSTALL FUSE (KTK-5) AND FUSE HOLDER (BUS-HEB) IN LUMINAIRE. CONTRACTOR TO WELD HAND HOLD CLOSED AFTER FINAL INSPECTION.
3. ALL STREETLIGHTS SHALL BE NUMBERED PER STD. DWG. E-25. NUMERICAL SEQUENCE TO BE OBTAINED FROM PG&E. NUMERALS SHALL BE 2-1/2" HIGH AND INSTALLED 10'-6" ABOVE FINISHED GRADE.
4. ALL CONDUITS SHALL BE SCH. 80 P.V.C., OR SCH. 40 P.V.C., AS PER STD. DWG. NOS. E-1, E-2, AND E-6 (NOTE 1), EXCEPT THAT CONDUIT FOR MAJOR STREET CROSSINGS SHALL BE GALVANIZED RIGID CONDUIT. ALL PVC CONDUIT SHALL BE UNDER SIDEWALK. IF NOT UNDER SIDEWALK, GALVANIZED RIGID CONDUIT SHALL BE BACKFILLED IN A 4" WIDE TWO SACK CONCRETE SLURRY MIX.
5. PULL BOX SPACING SHALL NOT EXCEED 200 FT. PULL BOXES SHALL BE INSTALLED AT ALL CHANGES IN CONDUIT DIRECTION AND ADJACENT TO EACH STREETLIGHT. INSTALL 6" OF 6-SACK CONCRETE CAP AND CLEAN PEA GRAVEL. STAMP THE LETTERS "SL" 2-1/2" TALL INTO THE FINISHED CONCRETE USING A STAMP DESIGNED FOR THAT PURPOSE. "POINT OF SERVICE" PULL BOX LIDS SHALL BE VANDAL-RESISTANT LOCKING LIDS OR APPROVED EQUIVALENT WITH NO CONCRETE OR PEA GRAVEL. VANDAL-RESISTANT LOCKING LIDS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT FINAL INSPECTION. CONTRACTOR SHALL PROVIDE TEMPORARY LID DURING CONSTRUCTION. LOCKING LIDS SHALL BE GALVANIZED STEEL DIAMOND PLATE, MINIMUM THICKNESS 3/16", WITH TWO (2) CLAMPING JAWS AND BE KEYPED TO THE CITY OF FRESNO KEY. PULL BOXES IN NON-CONCRETE AREAS SHALL BE SURROUNDED BY A ONE-FOOT RING OF CONCRETE TO THE DEPTH OF THE PULL BOX AND EXTENSION, AND ALL CONDUITS SHALL ENTER THESE PULL BOXES THROUGH THE BOTTOM, USING 90 DEGREE ELBOWS, AND SHALL EXTEND 3 TO 5 INCHES ABOVE THE FINISHED GROUT. CONTRACTOR SHALL TIGHTEN DOWN ALL LOCKING LID(S) TO A MINIMUM TORQUE SPEC OF 25 FOOT POUNDS.
6. IF THE SERVICE PEDESTAL IS EQUIPPED WITH A LIGHTING CONTACTOR AND NO MASTER PHOTO CONTROL IS INSTALLED, THE CONTRACTOR SHALL INSTALL A MASTER PHOTO CONTROL ATOP A 30' TALL SIGNAL POLE ADJACENT TO THE SERVICE PEDESTAL, OR ATOP THE NEAREST STREETLIGHT POLE. THE MASTER PHOTO CONTROL SHALL BE WIRED BACK TO THE SERVICE PEDESTAL USING THREE NO. 12 AWG STRANDED COPPER WIRES COLOR MATCHED TO THE PEC. THE PEC WILL BE MOUNTED USING HARDWARE MANUFACTURED FOR THAT PURPOSE, OR FABRICATED HARDWARE APPROVED BY THE TSSL SUPERVISOR. IF THE PEDESTAL IS NOT EQUIPPED WITH A LIGHTING CONTACTOR THE CONTRACTOR SHALL UPGRADE THE PEDESTAL TO MEET THE LATEST CITY OF FRESNO STANDARDS.
7. ALL STREETLIGHTS AND SAFETY LIGHTS FED FROM A PEDESTAL EQUIPPED WITH A CONTACTOR SHALL BE SWITCHED BY THAT CONTACTOR, AND THEIR PEC'S REPLACED WITH SHORTING CAPS.
8. ALL WORK SHALL COMPLY WITH CITY OF FRESNO STANDARD DRAWINGS NOS. E-1 THROUGH E-37, AND CITY OF FRESNO STANDARD SPECIFICATIONS.
9. ALL STREET LIGHT MATERIALS (LUMINAIRES AND POLES) SHALL BE APPROVED IN WRITING BY CITY OF FRESNO TRAFFIC SIGNALS & STREET LIGHTS (TSSL) DIVISION PRIOR TO ORDERING OF MATERIAL. ALL MATERIAL NOT APPROVED PRIOR TO ORDERING SHALL BE SUBJECT TO REJECTION AT NO COST TO THE CITY.
10. THE EXISTING STREET LIGHTING SYSTEM SHALL REMAIN OPERATIONAL DURING CONSTRUCTION, UNLESS OTHERWISE NOTED ON THESE PLANS.
11. ANY STREET LIGHT OR TRAFFIC SIGNAL PULL BOX IN THE SCOPE OF WORK OR ACCESSED BY THE CONTRACTOR SHALL BE CLEANED COMPLETELY, GROUTED, AND DUCT SEAL SHALL BE INSTALLED IN CONDUITS.
12. ANY BROKEN PULL BOX WITHIN THE PROJECT SHALL BE REPLACED BY THE CONTRACTOR.
13. ANY PULL BOX ADJUSTED TO GRADE SHALL BE ABLE TO ACCEPT A CITY OF FRESNO APPROVED LOCKING LID, AND THE CONDUITS SHALL BE ADJUSTED TO MEET CITY STANDARDS AND SPECIFICATIONS.



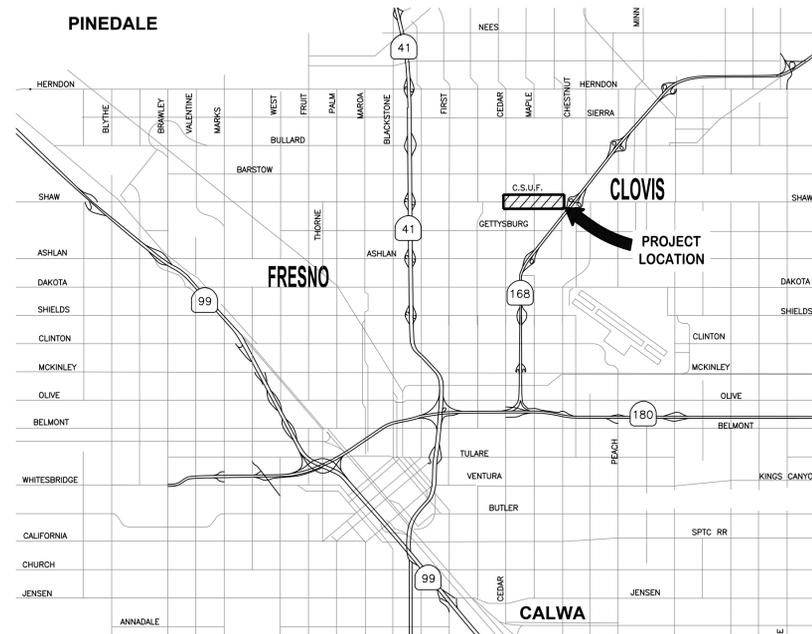
**OWNER**  
CITY OF FRESNO  
2600 FRESNO ST  
FRESNO, CA 93721  
TEL: (559) 621-8650

**PREPARED BY**  
PETERS ENGINEERING GROUP  
862 POLLASKY AVENUE  
CLOVIS, CA 93612  
(559) 299-1544



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

# PLANS FOR CONSTRUCTION OF SHAW AVENUE STREET LIGHTING CEDAR AVENUE TO CHESTNUT AVENUE



**VICINITY MAP**  
NOT TO SCALE

**SHEET INDEX**

SHEET ID.	DESCRIPTION	SHEET NO.
4-E-3659	T-1 TITLE SHEET	1
4-E-3660	E-1 STREET LIGHTING STA 10+00 TO 35+20	2
4-E-3661	E-2 STREET LIGHTING STA 35+20 TO 61+20	3
4-e-3662	E-3 STREET LIGHTING STA 61+20 TO 63+50	4

**REVIEWED BY:**

CITY OF FRESNO TRAFFIC ENGINEERING \_\_\_\_\_ DATE \_\_\_\_\_  
TRAFFIC SIGNALS & STREET LIGHTING SUPERVISOR \_\_\_\_\_ DATE \_\_\_\_\_

90% PRELIMINARY NOT FOR CONSTRUCTION



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**DEPARTMENT OF PUBLIC WORKS**  
2600 FRESNO ST.  
FRESNO, CALIFORNIA 93721  
(559) 621-8650

FW FILE NO. E90093D		CITY OF FRESNO		DEPARTMENT OF PUBLIC WORKS	
PROJ. ID. 12345		SHAW AVENUE STREET LIGHTING		SHEET NO. 1	
FUND NO. 22048		CEDAR AVENUE TO CHESTNUT AVENUE		OF 4 SHEETS	
ORG. NO. 189501		TITLE SHEET		4-E-3659	
REF. & REV.	DR. BY: AR	DATE: 2-17-23	SCALE: AS SHOWN		

**LEGEND (E-1 TO E-3)**

- STREET LIGHTING/SERVICE CONDUIT
- OH— OVERHEAD DUPLEX CONDUCTORS
- EXISTING TRAFFIC SIGNAL CONDUIT
- EXISTING STREET LIGHTING/SERVICE CONDUIT
- RIGHT OF WAY
- x— STREET LIGHT PER CITY STANDARD E-1
- x— STREET LIGHTING CIRCUIT NUMBER
- 41106— EXISTING STREET LIGHT
- 41106— EXISTING STREET LIGHT BADGE NUMBER ON WOODEN POLE
- 3/4" PULL BOX PER CITY STD E-1

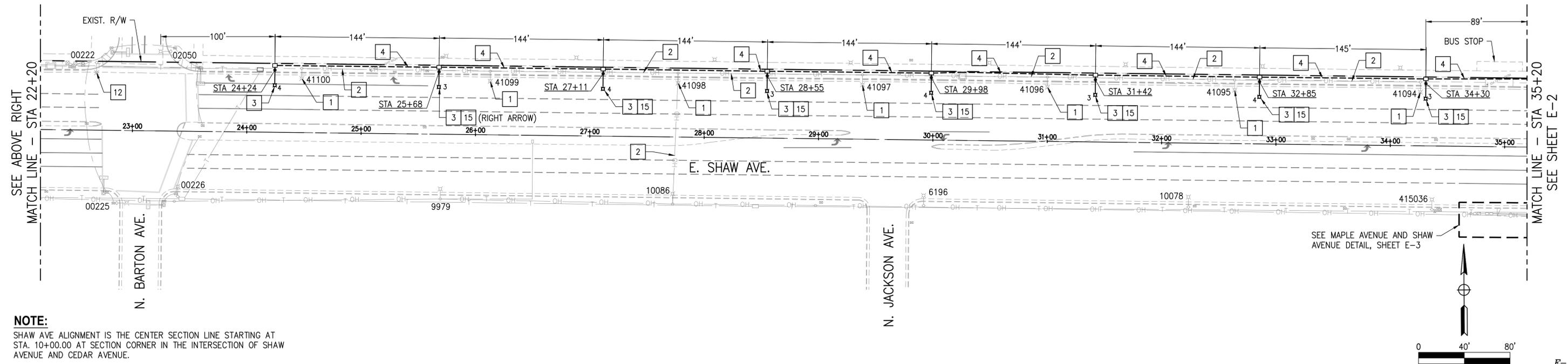
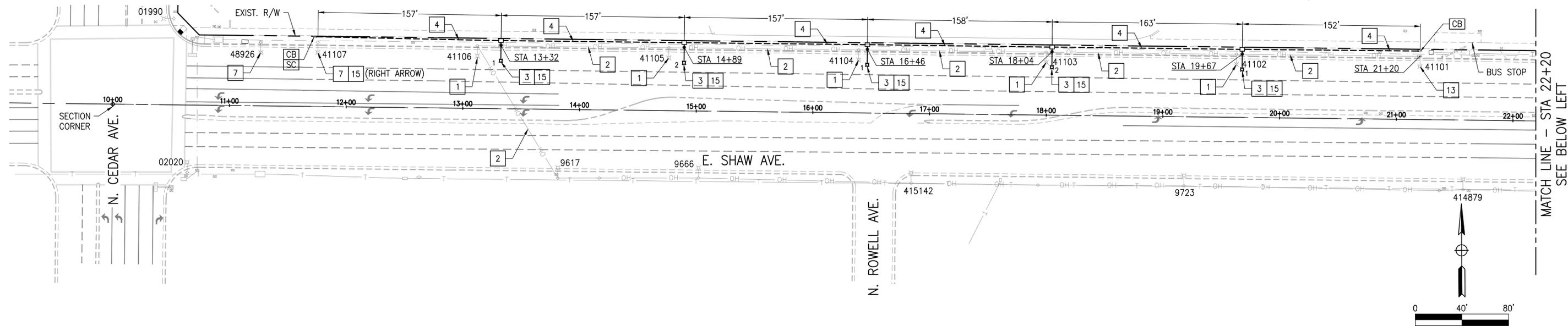
- CB INSTALL CONDUIT INTO EXISTING PULL BOX. PULL BOX SHALL BE REPLACED IF BROKEN OR DAMAGED DURING CONSTRUCTION.
  - SC SPLICE NEW TO EXISTING CONDUCTORS IN HANDHOLE.
  - R/W RIGHT OF WAY
- FOR OTHER SYMBOLS REFER TO STATE STANDARD DRAWINGS.

STREET LIGHT CIRCUIT SUMMARY

CIRCUITS	STATIONS	TESCO LOCATION
1,2	10+00 TO 23+00	SHAW/CEDAR SIGNALS
3,4	24+00 TO 49+00	SHAW/MAPLE SIGNALS
5,6	51+00 TO 64+00	SHAW/CHESTNUT SIGNALS

**CONSTRUCTION NOTES**

- 1 COMPLETELY REMOVE EXISTING STREET LIGHT, WOODEN POLE, AND ROADSIDE SIGN (IF APPLICABLE). BECOME PROPERTY OF CONTRACTOR. BACKFILL WITH TWO-SACK SLURRY.
- 2 REMOVE OVERHEAD STREET LIGHT CONDUCTORS. BECOME PROPERTY OF CONTRACTOR.
- 3 FURNISH AND INSTALL STREET LIGHT AND NO 3/4" PULL BOX PER CITY STD. E-1. LUMINAIRE SHALL BE AUTOBAHN ATB0 P203 MVOLT R5 NL P7 SH RFD324896, 66W, 9168 LUMENS (OR APPROVED EQUAL) AND SHALL BE PER CITY OF FRESNO SPECIFICATIONS SECTION 23-3.16. FURNISH AND INSTALL SHORTING CAP. MAINTAIN ADA CLEARANCE.
- 4 1 1/2" STREET LIGHT CONDUIT, 3#6 (STREET LIGHTING), AND 1#8 (GROUND)
- 5 ADD 3#6 (STREET LIGHTING) TO EXISTING CONDUIT.
- 6 CONSTRUCT MODIFIED FOUNDATION PER MODIFIED FOUNDATION DETAIL, SHEET E-3.
- 7 REMOVE LUMINAIRE. BECOMES PROPERTY OF CONTRACTOR. FURNISH AND INSTALL LUMINAIRE WITH SHORTING CAP. LUMINAIRE SHALL BE AUTOBAHN ATB0 P203 MVOLT R5 NL P7 SH RFD324896, 66W, 9168 LUMENS (OR APPROVED EQUAL) AND SHALL BE PER CITY OF FRESNO SPECIFICATIONS SECTION 23-3.16
- 8 REMOVE LUMINAIRE. BECOMES PROPERTY OF CONTRACTOR. FURNISH AND INSTALL LUMINAIRE WITH SHORTING CAP. LUMINAIRE SHALL BE CREE RSWM-A-HT-3ME-9L-40K7-UL-GY-N (SKU:RSWM9037&SP), 78W, 9000 LUMENS, 70 CRI, B2-U0-G2 (OR APPROVED EQUAL) AND PER CITY OF FRESNO SPECIFICATIONS SECTION 23-1.23
- 9 FURNISH AND INSTALL PEC ORIENTED TO THE NORTH PER CITY STANDARD SPECIFICATION 23-1.24.
- 10 REMOVE PEC. BECOMES PROPERTY OF CONTRACTOR. FURNISH & INSTALL SHORTING CAP PER CITY STANDARD SPECIFICATION 23-1.24.
- 11 ADD 3#12 (PEC) AND MODIFY LIGHTING TO TYPE II PHOTOELECTRIC CONTROL. EXISTING METER PEDESTAL CONFORMS TO CURRENT CITY STANDARDS. IF 4#8 SAFETY LIGHTING CONDUCTORS ARE SERVING THE TRAFFIC SIGNAL POLES AT MAPLE AVENUE, REMOVE 2#8 (BECOME PROPERTY OF CONTRACTOR) AND SPLICE REMAINING 2#8 SAFETY LIGHTING PER CITY STANDARDS TO SERVE ALL FOUR SAFETY LIGHTS
- 12 REMOVE LUMINAIRE. BECOMES PROPERTY OF CONTRACTOR. FURNISH AND INSTALL LUMINAIRE. LUMINAIRE SHALL BE CREE RSWM-A-HT-3ME-9L-40K7-UL-GY-N (SKU:RSWM9037&SP), 78W, 9000 LUMENS, 70 CRI, B2-U0-G2 (OR APPROVED EQUAL) AND SHALL BE PER CITY OF FRESNO SPECIFICATIONS SECTION 23-1.23. FURNISH AND INSTALL PEC ORIENTED TO THE NORTH ON NEW LUMINAIRE.
- 13 EXISTING STREET LIGHT POLE AND MAST ARM TO REMAIN. REMOVE LUMINAIRE AND PEC. BECOME PROPERTY OF CONTRACTOR. FURNISH AND INSTALL AUTOBAHN ATB0 P203 MVOLT R5 NL P7 SH RFD324896, 66W, 9168 LUMENS (OR APPROVED EQUAL) AND SHALL BE PER CITY OF FRESNO SPECIFICATIONS SECTION 23-3.16. PROTECT POLE-MOUNTED PG&E METER IN PLACE.
- 14 RECONSTRUCT CONCRETE DISTURBED BY STREET LIGHTING INSTALLATION & MATCH EXISTING SIDEWALK PER CITY STD. P-5.
- 15 FURNISH AND INSTALL NO STOPPING SIGN PER CITY STANDARD P-91 ON STREET LIGHT POLE (DOUBLE ARROW, UNLESS NOTED OTHERWISE ON PLANS)



**NOTE:**  
SHAW AVE ALIGNMENT IS THE CENTER SECTION LINE STARTING AT STA. 10+00.00 AT SECTION CORNER IN THE INTERSECTION OF SHAW AVENUE AND CEDAR AVENUE.

90% PRELIMINARY NOT FOR CONSTRUCTION



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**DEPARTMENT OF PUBLIC WORKS**  
2600 FRESNO ST.  
FRESNO, CALIFORNIA 93721  
(559) 621-8650

PW FILE NO: E00093D PROJ. ID: 12345 FUND NO: 22048 ORG. NO: 189901	CITY OF FRESNO DEPARTMENT OF PUBLIC WORKS
REF. & REV.	SHAW AVENUE STREET LIGHTING CEDAR AVENUE TO CHESTNUT AVENUE STREET LIGHTING STA 10+00 TO 35+20
REVIEWED: _____ OFFICE ENG.: _____ CITY ENG.: _____	SHEET NO. 2 OF 4 SHEETS DATE: 2-17-23 SCALE: AS SHOWN

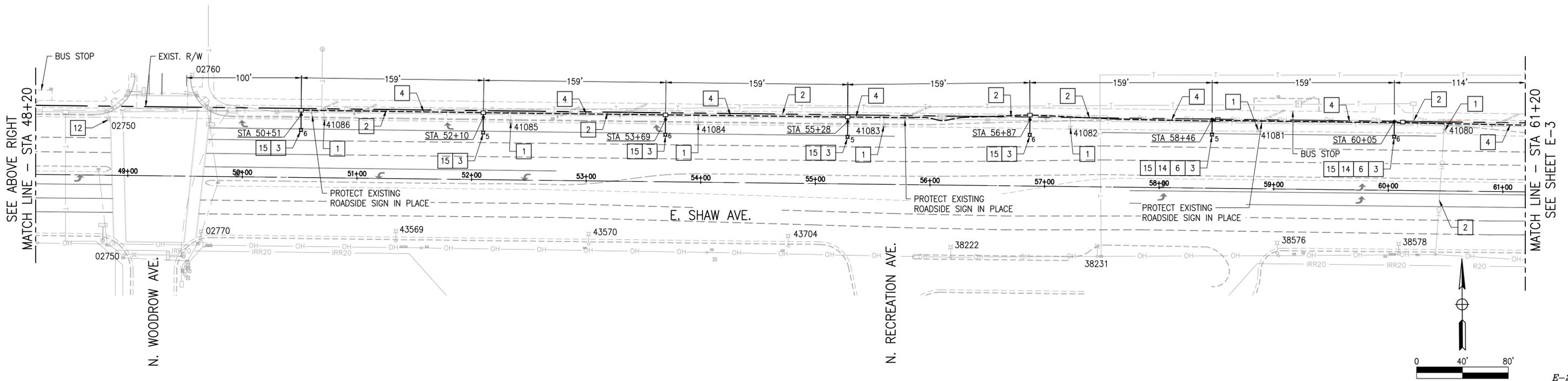
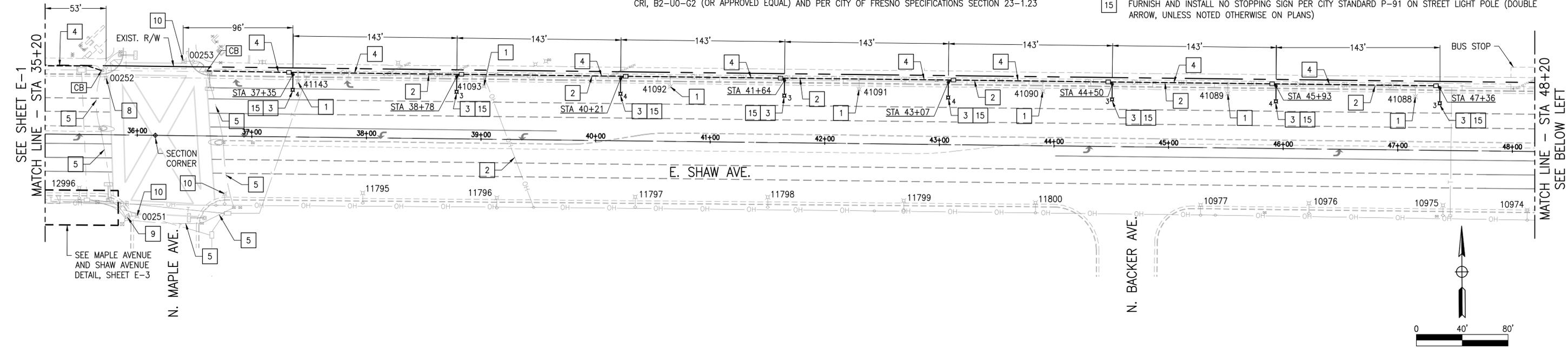
**LEGEND (E-1 TO E-3)**

- STREET LIGHTING/SERVICE CONDUIT
- OH — OVERHEAD DUPLEX CONDUCTORS
- EXISTING TRAFFIC SIGNAL CONDUIT
- EXISTING STREET LIGHTING/SERVICE CONDUIT
- RIGHT OF WAY
- x— STREET LIGHT PER CITY STANDARD E-1
- x— STREET LIGHTING CIRCUIT NUMBER
- x— 41106 EXISTING STREET LIGHT
- x— EXISTING STREET LIGHT BADGE NUMBER ON WOODEN POLE
- 3/4" PULL BOX PER CITY STD E-1

- CB INSTALL CONDUIT INTO EXISTING PULL BOX. PULL BOX SHALL BE REPLACED IF BROKEN OR DAMAGED DURING CONSTRUCTION.
  - SC SPLICE NEW TO EXISTING CONDUCTORS IN HANDHOLE.
  - R/W RIGHT OF WAY
- FOR OTHER SYMBOLS REFER TO STATE STANDARD DRAWINGS.

**CONSTRUCTION NOTES**

- 1 COMPLETELY REMOVE EXISTING STREET LIGHT, WOODEN POLE, AND ROADSIDE SIGN (IF APPLICABLE). BECOME PROPERTY OF CONTRACTOR. BACKFILL WITH TWO-SACK SLURRY.
- 2 REMOVE OVERHEAD STREET LIGHT CONDUCTORS. BECOME PROPERTY OF CONTRACTOR.
- 3 FURNISH AND INSTALL STREET LIGHT AND NO 3/4" PULL BOX PER CITY STD. E-1. LUMINAIRE SHALL BE AUTOBAHN ATB0 P203 MVOLT R5 NL P7 SH RFD324896, 66W, 9168 LUMENS (OR APPROVED EQUAL) AND SHALL BE PER CITY OF FRESNO SPECIFICATIONS SECTION 23-3.16. FURNISH AND INSTALL SHORTING CAP. MAINTAIN ADA CLEARANCE.
- 4 1 1/2" STREET LIGHT CONDUIT, 3#6 (STREET LIGHTING), AND 1#8 (GROUND)
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PW FILE NO: E00093D PROJ. ID: 12345 FUND NO.: 22048 ORG. NO.: 189901	CITY OF FRESNO DEPARTMENT OF PUBLIC WORKS
SHAW AVENUE STREET LIGHTING CEDAR AVENUE TO CHESTNUT AVENUE STREET LIGHTING STA 35+20 TO 61+20	SHEET NO. 3 OF 4 SHEETS DATE: 2-17-23 SCALE: AS SHOWN

E-2

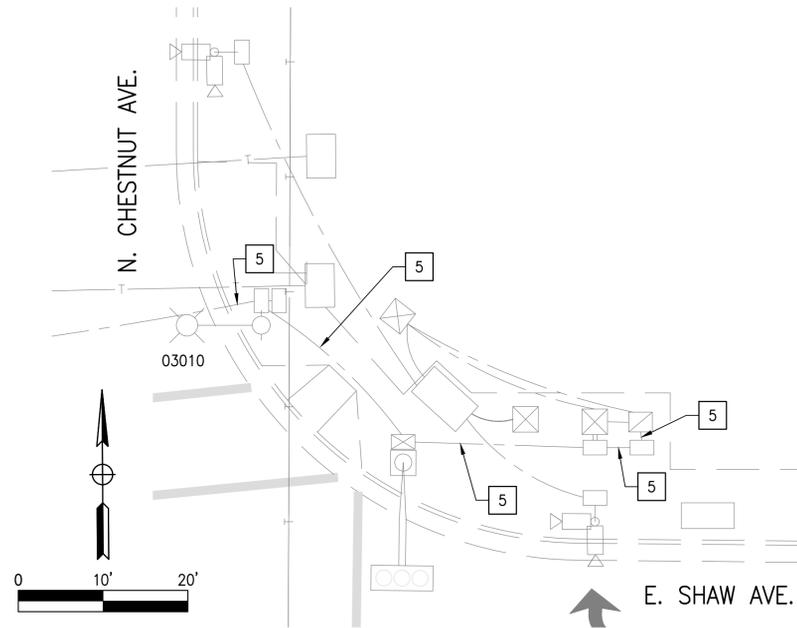
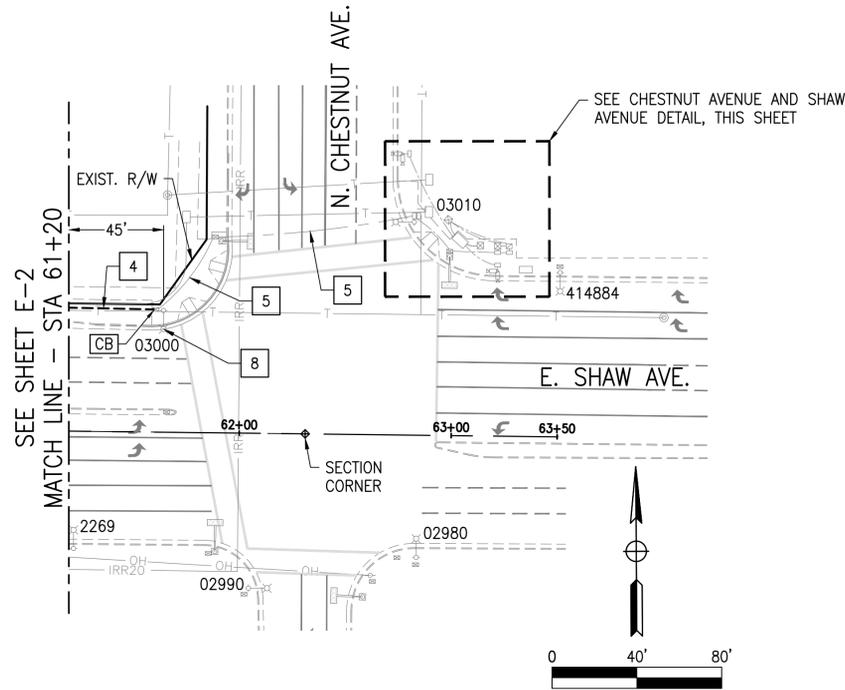
**LEGEND (E-1 TO E-3)**

- STREET LIGHTING/SERVICE CONDUIT
  - OH— OVERHEAD DUPLEX CONDUCTORS
  - EXISTING TRAFFIC SIGNAL CONDUIT
  - EXISTING STREET LIGHTING/SERVICE CONDUIT
  - RIGHT OF WAY
  - x— STREET LIGHT PER CITY STANDARD E-1
  - x— STREET LIGHTING CIRCUIT NUMBER
  - 41106— EXISTING STREET LIGHT
  - x— EXISTING STREET LIGHT BADGE NUMBER ON WOODEN POLE
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- [CB] INSTALL CONDUIT INTO EXISTING PULL BOX. PULL BOX SHALL BE REPLACED IF BROKEN OR DAMAGED DURING CONSTRUCTION.
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- FOR OTHER SYMBOLS REFER TO STATE STANDARD DRAWINGS.

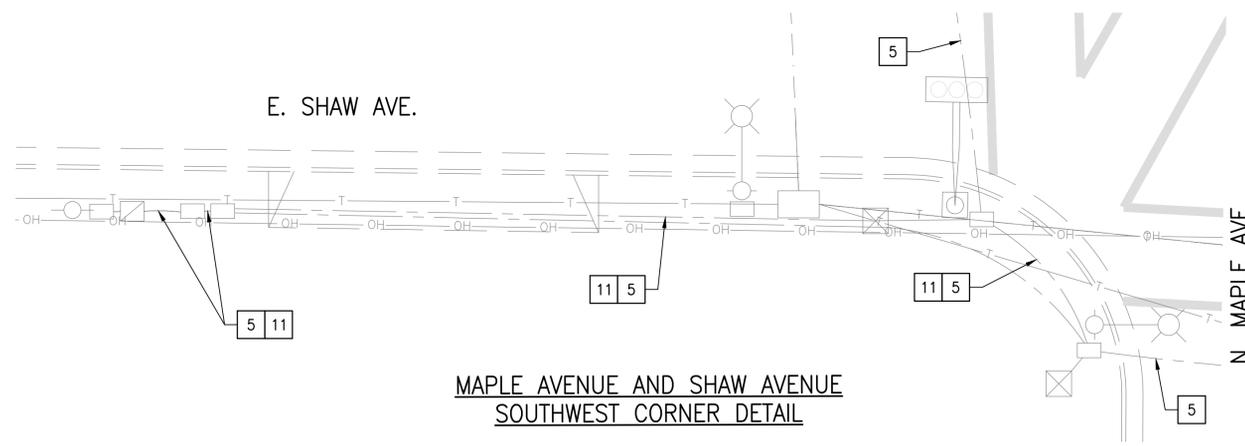
**CONSTRUCTION NOTES**

- 1 COMPLETELY REMOVE EXISTING STREET LIGHT, WOODEN POLE, AND ROADSIDE SIGN (IF APPLICABLE). BECOME PROPERTY OF CONTRACTOR. BACKFILL WITH TWO-SACK SLURRY.
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- 6 CONSTRUCT MODIFIED FOUNDATION PER MODIFIED FOUNDATION DETAIL, SHEET E-3.
- 7 REMOVE LUMINAIRE. BECOMES PROPERTY OF CONTRACTOR. FURNISH AND INSTALL LUMINAIRE WITH SHORTING CAP. LUMINAIRE SHALL BE AUTOBAHN ATB0 P203 MVOLT R5 NL P7 SH RFD324896, 66W, 9168 LUMENS (OR APPROVED EQUAL) AND SHALL BE PER CITY OF FRESNO SPECIFICATIONS SECTION 23-3.16
- 8 REMOVE LUMINAIRE. BECOMES PROPERTY OF CONTRACTOR. FURNISH AND INSTALL LUMINAIRE WITH SHORTING CAP. LUMINAIRE SHALL BE CREE RSWM-A-HT-3ME-9L-40K7-UL-GY-N (SKU:RSWM9037&SP), 78W, 9000 LUMENS, 70 CRI, B2-U0-G2 (OR APPROVED EQUAL) AND PER CITY OF FRESNO SPECIFICATIONS SECTION 23-1.23

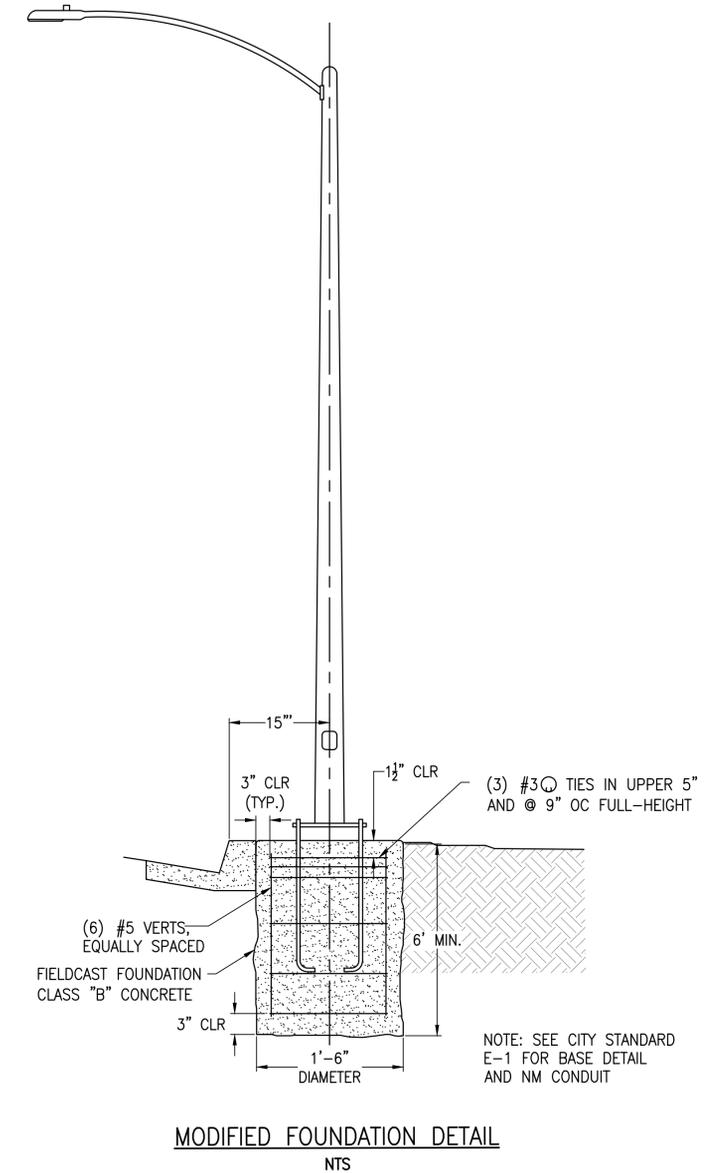
- 9 FURNISH AND INSTALL PEC ORIENTED TO THE NORTH PER CITY STANDARD SPECIFICATION 23-1.24.
- 10 REMOVE PEC. BECOMES PROPERTY OF CONTRACTOR. FURNISH & INSTALL SHORTING CAP PER CITY STANDARD SPECIFICATION 23-1.24.
- 11 ADD 3#12 (PEC) AND MODIFY LIGHTING TO TYPE II PHOTOELECTRIC CONTROL. EXISTING METER PEDESTAL CONFORMS TO CURRENT CITY STANDARDS. IF 4#8 SAFETY LIGHTING CONDUCTORS ARE SERVING THE TRAFFIC SIGNAL POLES AT MAPLE AVENUE, REMOVE 2#8 (BECOME PROPERTY OF CONTRACTOR) AND SPLICE REMAINING 2#8 SAFETY LIGHTING PER CITY STANDARDS TO SERVE ALL FOUR SAFETY LIGHTS
- 12 REMOVE LUMINAIRE. BECOMES PROPERTY OF CONTRACTOR. FURNISH AND INSTALL LUMINAIRE. LUMINAIRE SHALL BE CREE RSWM-A-HT-3ME-9L-40K7-UL-GY-N (SKU:RSWM9037&SP), 78W, 9000 LUMENS, 70 CRI, B2-U0-G2 (OR APPROVED EQUAL) AND SHALL BE PER CITY OF FRESNO SPECIFICATIONS SECTION 23-1.23. FURNISH AND INSTALL PEC ORIENTED TO THE NORTH ON NEW LUMINAIRE.
- 13 EXISTING STREET LIGHT POLE AND MAST ARM TO REMAIN. REMOVE LUMINAIRE AND PEC. BECOME PROPERTY OF CONTRACTOR. FURNISH AND INSTALL AUTOBAHN ATB0 P203 MVOLT R5 NL P7 SH RFD324896, 66W, 9168 LUMENS (OR APPROVED EQUAL) AND SHALL BE PER CITY OF FRESNO SPECIFICATIONS SECTION 23-3.16. PROTECT POLE-MOUNTED PG&E METER IN PLACE.
- 14 RECONSTRUCT CONCRETE DISTURBED BY STREET LIGHTING INSTALLATION & MATCH EXISTING SIDEWALK PER CITY STD. P-5.
- 15 FURNISH AND INSTALL NO STOPPING SIGN PER CITY STANDARD P-91 ON STREET LIGHT POLE (DOUBLE ARROW, UNLESS NOTED OTHERWISE ON PLANS)



**CHESTNUT AVENUE AND SHAW AVENUE  
NORTHEAST CORNER DETAIL**



**MAPLE AVENUE AND SHAW AVENUE  
SOUTHWEST CORNER DETAIL**



90% PRELIMINARY NOT FOR CONSTRUCTION



**PETERS ENGINEERING GROUP**

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**DEPARTMENT OF PUBLIC WORKS**

2600 FRESNO ST.  
FRESNO, CALIFORNIA 93721  
(559) 621-8650

FW FILE NO: E000230  
PROJ. ID: 12345  
FUND NO.: 22048  
ORG. NO.: 189901

**CITY OF FRESNO** DEPARTMENT OF PUBLIC WORKS

SHAW AVENUE STREET LIGHTING  
CEDAR AVENUE TO CHESTNUT AVENUE  
STREET LIGHTING STA 61+20 TO 63+50

REVISED OFFICE ENG. CITY ENG.  
DR. BY: AR SHEET NO. 4  
CH. BY: JR OF 4 SHEETS  
DATE: 2-17-23  
SCALE: AS SHOWN 4-E-3662