



Public Works Department – Engineering Division

February 8, 2024

ADDENDUM NO. 1

PROJECT 2019 BART PEDESTRIAN AND BIKE CONNECTIVITY

NOTICE TO BIDDERS:

The following clarifications, amendments, additions and/or deletions as set forth herein shall apply to the above project contract documents and shall be made a part thereof and shall be subject to all the requirements thereof as though originally specified and/or shown. Submitters shall assure themselves that all addendum changes have been incorporated into their proposal.

A. ADDITIONS/DELETIONS

1. **Replace** the Bid Proposal – Attachment A
2. **Replace** the Bid Schedule – Attachment B
3. **Added** Existing Conditions Exhibit with survey information – Attachment C
4. **Replace** the following Plans/Specifications:
 - a. Sheet 3 – Typical Sections X-1 (added headerboard)
 - b. Sheet 4 – Typical Sections X-2 (added headerboard)
 - c. Sheet 6 – California Avenue Demolition Plan DM-1 (revised demo limits)
 - d. Sheet 26 – General Construction Details C-6 (added headerboard detail)
 - e. Sheet 75A – California Avenue Street Lighting (new sheet)
 - f. Sheet 76A - California Avenue Street Lighting (new sheet)

B. CLARIFICATIONS

Please be advised of the following clarifications to the contract documents:

1. Are there any GFE Requirements for this project? We see the DBE Commitment Form in the Specifications, but do not see a goal. If there is a requirement, please let us know what percentage the goal is.

Yes, there is a GFE requirement. The DBE requirement is 23% for this project.

2. The demolition plan limits (specifically DM-1 and DM-4) do not match the layout plan limits (L-1 & L-4).?? If you were to overlay the two plans, it would show additional demolition/roadway excavation that would be needed in order to construct the new improvements that are not shown on the demolition plans.?? Since, roadway excavation is a final pay item, please clarify if bidders are to

Since, roadway excavation is a final pay item, please clarify if bidders are to follow the demolition plan limits or should demolition be based on the new improvement layout plans?

Correct, the demolition plan limits are shown incorrectly on sheets DM-1. See attachment B for revised demolition sheets.

3. There are no existing elevations provided for earthwork calculations.?? Please provide existing elevations in order for bidders to accurately calculate roadway excavation quantities.

Existing Condition exhibits have been added for reference information, see attachment B.

4. Can you please change the measurement of payment for HMA bid item #22 to TN instead of CY?

Bid Item #22 which is now Bid Item #23 has been changed to 1,355 TONS, see attached revised bid schedule.

5. No headers are shown to be installed at the DG and asphalt pathways on the X-1? X-3 typical sections. Please confirm that this is correct?

A redwood header shall be installed at both sides of the 10' class I AC path. Bid schedule has been revised to include this item as #62 for California Avenue and #173 for Railroad Avenue. See attachment A for revised bid schedule.

6. On plan sheet DM-7, there are 7 stumps marked for removal behind the addresses 3355 and 3347 William Way. When our estimator went to the site, there were still some trees where the stumps were marked. Are those trees to be removed? There were stumps in the general area, but not in the areas marked. Could you please clarify?

Contractor shall remove the stumps and trees in the project area.

7. Please provide the number and count of allowable rain days per month as the breakdown in the specifications in blank.

The number of approximate weather days shall be 20 days for the project duration.

8. Confirm per the pre-bid meeting today, bidders are to assume 100% clean soil for off haul and disposal in their bids?

Bidders shall be responsible to test any off-haul material for contamination such as asbestos, lead paint or other metals, PCBs or petroleum at concentrations that exceed regulatory limits. If detected this material shall be disposed of at an acceptable disposal facility. This

9. Clarify how many Portable Changeable Message Signs the City will require and for what duration?

Portable Changeable Message Signs shall be required as part of the approved traffic control system from the governing agencies and will be required for the duration and location at the beginning and end of the project area where work is occurring within traffic areas.

10. Please confirm the City will require application of prime oil at a rate of .20 Gal/SY minimum on paving aggregate base course?

The application rate shall be as required by the CALTRANS standard specifications.

11. The 4" black vinyl chain link fence (CL-4) and 10' wide gate shown on D-5 do not have a bid item and method of payment.?? The specs call for these items to be measured and paid for by the LF – 4" Black Vinyl Chain Link Fence (CL-4) and EA 10" Wide Black Vinyl Chain Link Access Gate (CL-4). Please confirm if this scope of work is to be included in our bid and include new bid items to the bid form if bidders are to include these costs?

Bid Item #63 LF – 4" Black Vinyl Chain Link Fence (CL-4) and Bid Item #64 -EA 10" Wide Black Vinyl Chain Link Access Gate (CL-4)., has been added. See attached revised bid schedule.

12. Please confirm if the 16" cast-in-drilled hole pile for security walls are final pay. The bid form does not mention this bid item to be final pay, however the specs do. Please confirm if we shall adhere to the bid form for final pay bid items?

16" cast-in-drilled hole pile for security walls is a final pay item.

13. Is liquid asphalt prime coat (SC-70) to aggregate base required beneath new asphalt paving as mentioned in the specifications.

Correct

14. The note on striping plan PD-2 calls out that all traffic striping and pavement markings on PD-1 and PD-2 shall be paint (two coats).?? Please confirm that all striping and pavement markings shall be thermoplastic and not paint.

Traffic stripe for bike path only shall be paint (two coats). All other striping shall be thermoplastic.

15. For bidding purposes, please confirm excess soil that is removed and disposed of from the project (California, Bliss & Railroad) shall be considered clean and not contaminated??? If any soil is found to be contaminated or classified as anything other than clean, then the City will issue a change order for the disposal at the appropriate landfill.

Contractor shall assume the excess soil to be removed is found to contain contamination and shall be offhauled to an acceptable Class II facility unless the materials testing during construction identifies otherwise.

16. Referring to section 3.2 Order of Precedence in Article 3 - Contract Documents/ General Conditions/ page 48, specifications and plans take precedence on Bid Proposal. Please clarify in case of conflict between the quantities on plans and bid form, which documents takes precedence.

Bidders shall bid on the items and quantities shown on the Bid Schedule. See attached revised Bid Schedule- Attachment A.

17. Referring to section 16. Additive and Deductive Alternates in Instruction to Bidders/ page 8 shows "the lowest bid will be the lowest total of the bid prices on the base contract including alternate bid A items". However, section 1. Award of Contract in Contract/ page 30 shows that City has elected to include (4) alternates in the Contract. Please clarify the basis of award for the project.

Basis of award shall be the following: Base Bid + Alternate Bid A which are bid items 1 – 192.

18. If any alternates are awarded, please confirm the items in the base bid & alternates will be constructed at the same time. Otherwise, please advise.

Base Bid and any awarded alternates shall be constructed with the project timeline.

19. Please provide a geotechnical report for this project.

There is no Geotechnical Report.

20. Is landscape maintenance required for this project? If so, please provide a duration and which bid item is supposed to cover the related cost of landscape maintenance?

Landscape Maintenance is required and shall be a period of one year and follow City standard specifications. Bid Item #8 has been added. See attached revised Bid Schedule- Attachment A.

21. Please clarify the location of bid item #112 - wood mulch on the Bliss Avenue path on the plan.

Wood mulch shall be placed as directed by the City during construction. Bidder shall provide a bid for this item.

22. Referring to the bid item notes on sheet P-1 through P-3, mulch for planting areas at railroad avenue belongs to base bid. The alternate "C" remains mulch. However, the Bid Schedule shows two items for mulch at base bid and alternate C (items #159 & #195). The item #195 is supposed to be deleted. Please advise.

Bid Item #195 is removed from the Bid Schedule. See attached revised Bid Schedule- Attachment A.

23. Referring to sheets P-1 & P-2, there are some new shrubs - alternate "C" are planted in the same area with mulch in base bid. Please clarify the base bid and alternate C limits.

Mulch shall be placed at part of the base bid. If Alternate C is awarded shrubs will be added in same area.

24. Per sheet P-3, landscape note #3 shows that minimum of 6 CY/1,000 SF of compost for soils preparation recommendations. However, section 20-3.01B(3)(a) shows 4 CY of Composted Soil Amendment per 1,000 SF. Please clarify.

Recommendations shall be made by an accredited soils scientist. However, Bidder shall bid on a minimum of 4 CY of Composted Soil Amendment per 1,000 SF.

25. Referring to sheet P-1 and P-2, the symbols of both types of vines are opposite of the symbols on the legend (sheet P-3) show. Please advise.

Bidder shall follow legend on sheet P-3.

26. Bid item notes on sheets I-1 through I-4 shows base bid for irrigation including irrigation at medians. However, callouts on the same sheets show that existing irrigation in medians to remain in place (typical). Besides that, the bid item legend on sheet P-3 shows that connect existing irrigation to new main and controller at existing medians. Confirm that irrigation work at medians only includes a new 2-wire cable from the new mainline' s connection point to the existing system from median to new controllers.

Confirmed. Irrigation work at medians only includes a new 2-wire cable from the new mainline' s connection point to the existing system from median to new controllers.

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27. No irrigation is designed for new turf areas (alternate C). Please clarify.

Bidders shall provide irrigation as shown on the plans.

28. Referring to sheets L-1 through L-4, I-5 and I-6, it looks there are proposed planting areas along the new trail at California Avenue that are missing. Please clarify.

See Sheets L-5

29. Please confirm that all irrigation systems on sheets I-5 & I-6 to be included in item #55 – irrigation system (base bid).

Correct.

30. There are some existing irrigation areas that need to be modified (items #63 & #114). Please provide an irrigation as-built plan so that the contractor can modify properly. Besides that, for bidding purposes, this is an unknown condition. Can an allowance line item and cost be provided for the bidding purposes so all the bidders can bid this requirements equally.

There are no as-built plans available. Bidders shall provide due diligence in reviewing the site to provide for a lump sum item bid.

31. Referring to the Bid schedule, please clarify the difference between item #63 - testing and restoration of existing irrigation facilities and item #114 - restore irrigation system at location Bliss Avenue path.

The contract lump sum price paid for **"Restore Irrigation System"** shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in restoring irrigation system at the Bliss Avenue Path (Stations 80+15 to 81+10), including, but not limited to, furnishing and installing main lines, laterals, irrigation sleeve, capping and connections to existing irrigation system to remain, and all specified irrigation equipment, pressure testing, and all appurtenances, as specified in the Standard Specifications, these Technical provisions, and as directed by the Engineer and Caltrans Resident Engineer.

The contract lump sum price paid for **"Testing and Restoration of Irrigation Facilities"** shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in preconstruction and post construction testing of all irrigation system at the Bliss Avenue Path (Stations 81+10 to 90+28, 15' Left to 10' Right), and repairs of damage caused by the Contractor's operations, including, but not limited to functional testing, pressure testing, and reconstructing damaged: main lines (4-inch and 3-inch PVC recycled water lines), laterals, controller cable, controller, valves, spray heads, and all appurtenances, as specified in the Standard Specifications, these Technical provisions, and as directed by the Engineer and Caltrans Resident Engineer.

32. The irrigation legend on sheet I-4 shows Rainmaster DX3 controller assembly with CST FSI-T10-001 flow sensor. However, detail I-4/ sheet 1 of 3 on sheet I-8 shows Rainbird satellite controller, Rainbird cluster controller unit, Horizon

Rainsafe SB2255 enclosure with Data Industrial IR220 flow sensor. Please clarify the model of controller and flow sensor.

Bidders shall bid as shown on Sheet I-4 and the City Standard Specifications.

33. Please provide the installation method for sleeves under existing pavement (boring or saw-cutting).

Contractor means and methods. Boring and open trench are acceptable options.

34. Can you please provide topographic plans or highway sections showing the existing and proposed grades.

Existing Conditions Plans are attached.

35. Can you please provide a copy of Caltrans permit and cost.

See attached CALTRANS Permit. Bidder shall apply for a rider permit from CALTRANS. The anticipated cost is approx. \$5,000.00.

36. Is there a BART permit needed? If so, please provide a copy and cost.

A BART permit is not anticipated.

37. The bid item numbering is off after item #103 (goes back to number #99)?

Bid item numbering has been updated. See revised Bid Schedule—Attachment A.

38. Items #165 through #168 have the same bid item descriptions as item #169 through #172, was there are reason for this?

Bid item numbering has been updated. See revised Bid Schedule—Attachment A.

39. Will there be an addendum to address the various questions and does the city plan on keeping the bid date the same (2/15/24)?

Addendum #1 has been issued 2/8/2024 and the bid date is unchanged. The bid date is February 15, 2024.

BIDDERS MUST SIGN AND ATTACH one (1) copy of this addendum document to the proposal as acknowledgment of receipt of these instructions and that said addendum was properly evaluated in the proposal.

ANY PROPOSAL NOT IN COMPLIANCE WITH THIS ADDENDUM MAY BE REJECTED.



Issued: 02/08/24

Dayne Johnson, P.E.
Assistant City Engineer

ADDENDUM NO. 1, PROJECT 1801 BART PEDESTRIAN AND BIKE CONNECTIVITY is hereby acknowledged and was considered in this Project Proposal.

Bidder's Signature

Date

Firm Name

Mailing Address

City/State/Zip+4

Bid Proposal

Bike Pedestrian and Bike Connectivity Project

_____ (“Bidder”) hereby submits this Bid Proposal to the City of Pittsburg (“City”) for the above-referenced project (“Project”) in response to the Notice Inviting Bids and in accordance with the Contract Documents referenced in the Notice.

1. **Base Bid.** Bidder proposes to perform and fully complete the Work for the Project as specified in the Contract Documents, within the time required for full completion of the Work, including all labor, materials, supplies, and equipment and all other direct or indirect costs including, but not limited to, taxes, insurance and all overhead, for the following price (“Base Bid”):
\$ _____.

2. **Bid Alternates.** Bidder submits the following prices for the specified bid alternates:

Alternate #A: Location 1 – California Lighting
Add/Deduct: \$ _____

Alternate #B: Location 4 – Railroad Security Avenue Wall
Add/Deduct: \$ _____

Alternate #C: Location 4 – Railroad Avenue Planting and Irrigation
Add/Deduct: \$ _____

Alternate #D: Location 4 – Railroad Avenue Lighting
Add/Deduct: \$ _____

Alternate #E: Location 1 – California Street Lighting
Add/Deduct: \$ _____

3. **Addenda.** Bidder agrees that it has confirmed receipt of or access to, and reviewed, all addenda issued for this bid. Bidder waives any claims it might have against the City based on its failure to receive, access, or review any addenda for any reason. Bidder specifically acknowledges receipt of the following addenda:

Addendum:	Date Received:	Addendum:	Date Received:
#01	_____	#05	_____
#02	_____	#06	_____
#03	_____	#07	_____
#04	_____	#08	_____

4. **Bidder’s Certifications and Warranties.** By signing and submitting this Bid Proposal, Bidder certifies and warrants the following:

4.1 **Examination of Contract Documents.** Bidder has thoroughly examined the Contract Documents and represents that, to the best of Bidder’s knowledge, there are no errors, omissions, or discrepancies in the Contract Documents, subject to the limitations of Public Contract Code § 1104.

4.2 **Examination of Worksite.** Bidder has had the opportunity to examine the Worksite and local conditions at the Project location.

- 4.3 Bidder Responsibility.** Bidder is a responsible bidder, with the necessary ability, capacity, experience, skill, qualifications, workforce, equipment, and resources to perform or cause the Work to be performed in accordance with the Contract Documents and within the Contract Time.
 - 4.4 Responsibility for Bid.** Bidder has carefully reviewed this Bid Proposal and is solely responsible for any errors or omissions contained in its completed bid. All statements and information provided in this Bid Proposal and enclosures are true and correct to the best of Bidder's knowledge.
 - 4.5 Nondiscrimination.** In preparing this bid, the Bidder has not engaged in discrimination against any prospective or present employee or Subcontractor on grounds of race, color, ancestry, national origin, ethnicity, religion, sex, sexual orientation, age, disability, or marital status.
 - 4.6 Iran Contracting Act.** If the Contract Price exceeds \$1,000,000, Bidder is not identified on a list created under the Iran Contracting Act, Public Contract Code § 2200 et seq. (the "Act"), as a person engaging in investment activities in Iran, as defined in the Act, or is otherwise expressly exempt under the Act.
- 5. Award of Contract.** By signing and submitting this Bid Proposal, Bidder agrees that if Bidder is awarded the Contract for the Project, within ten days following issuance of the Notice of Potential Award to Bidder, Bidder will do all of the following:
- 5.1 Execute Contract.** Enter into the Contract with City in accordance with the terms of this Bid Proposal, by signing and submitting to City the Contract prepared by City using the form included with the Contract Documents;
 - 5.2 Submit Required Bonds.** Submit to City a payment bond and a performance bond, each for 100% of the Contract Price, using the bond forms provided and in accordance with the requirements of the Contract Documents; and
 - 5.3 Insurance Requirements.** Submit to City the insurance certificate(s) and endorsement(s) as required by the Contract Documents.
- 6. Bid Security.** As a guarantee that, if awarded the Contract, Bidder will perform its obligations under Section 4 above, Bidder is enclosing bid security in the amount of ten percent of its maximum bid amount in one of the following forms (check one):

_____ A cashier's check or certified check payable to City and issued by _____ [Bank name] in the amount of \$_____.

_____ A bid bond, using the Bid Bond form included with the Contract Documents, payable to City and executed by a surety licensed to do business in the State of California.

This Bid Proposal is hereby submitted on _____, 20__.

s/ _____

Name and Title

s/ _____
[See Section 3 of Instructions to Bidders]

Name and Title

Company Name

License #, Expiration Date, and Classification

Address

DIR Registration #

City, State, Zip

Phone

Contact Name

Contact Email

END OF BID PROPOSAL

BID ITEM NO.	ITEM DESCRIPTION	EST. QTY.	UNIT	UNIT COST	EXTENDED TOTAL AMOUNT
1	MOBILIZATION	1	LS	\$	\$
2	TRAFFIC CONTROL SYSTEM	1	LS	\$	\$
3	CONSTRUCTION AREA SIGNS	22	EA	\$	\$
4	PROJECT FUNDING SIGN	2	EA	\$	\$
5	PROJECT INFORMATION SIGN	4	EA	\$	\$
6	LEAD COMPLIANCE PLAN	1	LS	\$	\$
7	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	1	LS	\$	\$
8	LANDSCAPE MAINTENANCE	1	LS	\$	\$
LOCATION: CALIFORNIA AVENUE					
9	TEMPORARY STORM DRAIN INLET PROTECTION	3	EA	\$	\$
10	CLEARING AND GRUBBING	1	LS	\$	\$
11	LAYOUT	1	LS	\$	\$
12	EXCAVATION SAFETY	1	LS	\$	\$
13	REMOVE STUMP	4	EA	\$	\$
14	REMOVE TREE	1	EA	\$	\$
15	REMOVE TRAFFIC STRIPING	20	LF	\$	\$
16	TRAFFIC STRIPE (4" YELLOW, THERMOPLASTIC)	1,816	LF	\$	\$
17	ROADWAY EXCAVATION (F)	1,691	CY	\$	\$
18	BIORETENTION BASIN EXCAVATION (F)	373	CY	\$	\$
19	REMOVE CONCRETE	1,085	SF	\$	\$
20	REMOVE CURB AND GUTTER	158	LF	\$	\$
21	ADJUST WATER VALVE COVER TO GRADE (NP)	5	EA	\$	\$
22	CLASS 2 AGGREGATE BASE	968	CY	\$	\$
23	TYPE A HOT MIX ASPHALT	1,355	TON	\$	\$
24	DECOMPOSED GRANITE	270	CY	\$	\$
25	CURB (TYPE A2-6)	1,825	LF	\$	\$
26	RIBBON GUTTER	1,825	LF	\$	\$
27	SIDEWALK	1,375	SF	\$	\$
28	CURB RAMP	3	EA	\$	\$
29	REMOVE 18" STORM DRAIN PIPE	126	LF	\$	\$
30	ABANDON 12" STORM DRAIN PIPE	67	LF	\$	\$
31	12" RCP PIPE	547	LF	\$	\$
32	18" RCP PIPE	156	LF	\$	\$
33	DRAINAGE INLET (TYPE G1)	4	EA	\$	\$

34	DRAINAGE INLET (TYPE G3)	3	EA	\$	\$
35	REMODEL DI WITH MH TOP	2	EA	\$	\$
36	REMOVE ROADSIDE SIGN	10	EA	\$	\$
37	REMOVE ROADSIDE SIGN (PG&E GAS MARKER)	5	EA	\$	\$
38	RELOCATE ROADSIDE SIGN	5	EA	\$	\$
39	REMOVE ROADSIDE SIGN PANEL ("TOW ZONE NO PARKING")	2	EA	\$	\$
40	ROADSIDE SIGN PANEL	1	EA	\$	\$
41	ROADSIDE SIGN	10	EA	\$	\$
42	6" PVC PIPE (PERFORATED) FOR BIORETENTION STRIP	2,050	LF	\$	\$
43	STORM DRAIN CLEANOUT FOR BIORETENTION STRIP	13	LF	\$	\$
44	CLASS 2 PERMEABLE MATERIAL FOR BIORETENTION STRIP	92	CY	\$	\$
45	BIORETENTION SOIL FOR BIORETENTION BASIN	137	CY	\$	\$
46	4" PVC PIPE (PERFORATED & SOLID) FOR BIORETENTION BASIN	155	LF	\$	\$
47	STORM DRAIN CLEANOUT FOR BIORETENTION BASIN AT HARBOR/CALIFORNIA	2	EA	\$	\$
48	ENERGY DISSIPATOR FOR BIORETENTION BASIN AT HARBOR/CALIFORNIA	1	LS	\$	\$
49	CLASS 2 PERMEABLE MATERIAL FOR BIORETENTION BASIN AT HARBOR/CALIFORNIA	92	CY	\$	\$
50	BIORETENTION SOIL FOR CORNER BASIN AT HARBOR/CALIFORNIA	137	CY	\$	\$
51	SOIL PREPARATION	2,875	SF	\$	\$
52	STONE MULCH	29	CY	\$	\$
53	WOOD MULCH	110	CY	\$	\$
54	TREES, FIFTEEN GALLON CONTAINER PLANT	5	EA	\$	\$
55	ONE GALLON CONTAINER PLANT	668	EA	\$	\$
56	IRRIGATION SYSTEM	1	LS	\$	\$
57	TRAFFIC STRIPE (DETAIL 9) THERMOPLASTIC	1,342	LF	\$	\$
58	TRAFFIC STRIPE (DETAIL 22) THERMOPLASTIC	1,587	LF	\$	\$
59	TRAFFIC STRIPE (DETAIL 38) THERMOPLASTIC	149	LF	\$	\$
60	TRAFFIC STRIPE (4" YELLOW) THERMOPLASTIC	1,853	LF	\$	\$
61	TRAFFIC STRIPE (TYPE IV ARROW) THERMOPLASTIC	2	EA	\$	\$
62	HEADERBOARD	3,750	LF	\$	\$
63	4" BLACK VYNIL CHAIN LINK FENCE	157	LF	\$	\$
64	10" WIDE BLACK VYNIL CHAIN LINK ACCESS GATE	1	EA	\$	\$

LOCATION: BLISS AVENUE PATH

65	TEMPORARY STORM DRAIN INLET PROTECTION	11	EA	\$	\$
66	LAYOUT	1	LS	\$	\$
67	TESTING & RESTORATION OF EXISTING IRRIGATION FACILITIES	1	LS	\$	\$
68	CLEARING AND GRUBBING	1	LS	\$	\$
69	ROADWAY EXCAVATION (F)	280	CY	\$	\$
70	REMOVE CONCRETE	993	SF	\$	\$
71	REMOVE CURB AND GUTTER	42	LF	\$	\$
72	RECONSTRUCT CHAIN LINK FENCE (CL-6)	172	LF	\$	\$
73	RELOCATE FENCE (CL-6)	35	LF	\$	\$
74	REMOVE PERFORATED PIPE	19	LF	\$	\$
75	GRIND CONCRETE	1	LS	\$	\$
76	ADJUST SD CLEANOUT COVER TO GRADE	1	EA	\$	\$
77	ADJUST IRRIGATION VALVE COVER TO GRADE (SERVICE)	1	EA	\$	\$
78	ADJUST IRRIGATION PULL BOX TO GRADE (SERVICE)	6	EA	\$	\$
79	RELOCATE IRRIGATION VALVE AND COVER (SERVICE)	1	EA	\$	\$
80	RECONSTRUCT DRAINAGE INLET TOP TO GRADE	1	EA	\$	\$
81	ADA GRATE	5	EA	\$	\$
82	TRASH CAPTURE DEVICE	10	EA	\$	\$
83	CLASS 2 AGGREGATE BASE	116	CY	\$	\$
84	TYPE A HOT MIX ASPHALT	92	TON	\$	\$
85	DECOMPOSED GRANITE	31	CY	\$	\$
86	CURB (TYPE A2-6)	42	LF	\$	\$
87	SIDEWALK	3,645	SF	\$	\$
88	CURB RAMP	2	EA	\$	\$
89	DETECTABLE WARNING SURFACE IN CONCRETE PAD	68	SF	\$	\$
90	CHAIN LINK FENCE (CL-6, MODIFIED)	961	LF	\$	\$
91	4' WIDE CHAIN LINK WALK GATE (CL-6, MODIFIED)	2	EA	\$	\$
92	12" RCP PIPE	30	LF	\$	\$
93	15" RCP PIPE	42	LF	\$	\$
94	30" RCP PIPE	10	LF	\$	\$
95	6" PVC PIPE (NON-PERFORATED)	18	LF	\$	\$
96	6" PVC PIPE (SDR26)	29	LF	\$	\$
97	DRAINAGE INLET (TYPE G1)	6	EA	\$	\$

98	DRAINAGE INLET (TYPE G1 MODIFIED)	1	EA	\$	\$
99	FIELD INLET (2' SQUARE)	1	EA	\$	\$
100	BLIND CONNECTION (STORM DRAIN)	1	EA	\$	\$
101	BOLLARD	2	EA	\$	\$
102	REMOVABLE BOLLARD	1	EA	\$	\$
103	ROADSIDE SIGN	1	EA	\$	\$
104	RELOCATE ROADSIDE SIGN	1	EA	\$	\$
105	SECURITY CAMERA SYSTEM ALONG BLISS AVE TRAIL (SHEET E-12)	1	LS	\$	\$
106	TRENCH AND BACKFILL (BLISS AVENUE LIGHTING)	1,670	LF	\$	\$
107	2" PVC CONDUIT (BLISS AVENUE LIGHTING)	1,670	LF	\$	\$
108	#8 AWG STRANDED COPPER CONDUCTOR (BLISS AVENUE LIGHTING)	3,260	LF	\$	\$
109	#8 AWG BARE SOLID CONDUCTOR (GROUND) (BLISS AVENUE LIGHTING)	1,630	LF	\$	\$
110	#5 PULL BOX (BLISS AVENUE LIGHTING)	22	EA	\$	\$
111	INSTALL CONDUIT IN EXISTING PULL BOX (BLISS AVENUE LIGHTING)	1	EA	\$	\$
112	CIRCUIT BREAKER (BLISS AVENUE LIGHTING)	1	EA	\$	\$
113	CONTACTOR (BLISS AVENUE LIGHTING)	1	EA	\$	\$
114	LIGHT FIXTURE, POLE, AND FOUNDATION (BLISS AVENUE LIGHTING)	14	EA	\$	\$
115	#6 AWG STRANDED COPPER CONDUCTOR	1,000	LF	\$	\$
116	#6 AWG BARE SOLID CONDUCTOR	25	LF	\$	\$
117	#4 AWG STRANDED COPPER CONDUCTOR	200	LF	\$	\$
118	REMOVE PULL BOX	3	EA	\$	\$
119	SPLICE NEW TO EXISTING CONDUCTORS	5	EA	\$	\$
120	CONNECT NEW AND EXISTING CONDUIT	6	EA	\$	\$
121	WOOD MULCH	15	CY	\$	\$
122	MODIFY BIORETENTION BASIN (BART PARKING LOT)	1	LS	\$	\$
123	RESTORE IRRIGATION SYSTEM	1	LS	\$	\$
LOCATION: RAILROAD AVENUE (NORTH OF CALIFORNIA AVENUE)					
124	TEMPORARY STORM DRAIN INLET PROTECTION	13	EA	\$	\$
125	REMOVE TRAFFIC STRIPING	1,696	LF	\$	\$
126	REMOVE PAVEMENT MARKING	2,500	SF	\$	\$
127	TRAFFIC STRIPE (DETAIL 9) (THERMOPLASTIC)	2,657	LF	\$	\$
128	TRAFFIC STRIPE (DETAIL 27B) (THERMOPLASTIC)	352	LF	\$	\$

129	TRAFFIC STRIPE (DETAIL 36) (THERMOPLASTIC)	320	LF	\$	\$
130	TRAFFIC STRIPE (DETAIL 38) (THERMOPLASTIC)	539	LF	\$	\$
131	TRAFFIC STRIPE (DETAIL 39) (THERMOPLASTIC)	4,210	LF	\$	\$
132	TRAFFIC STRIPE (DETAIL 39A) (THERMOPLASTIC)	280	LF	\$	\$
133	TRAFFIC STRIPE (DETAIL 40) (THERMOPLASTIC)	220	LF	\$	\$
134	TRAFFIC STRIPE (DETAIL 24) (THERMOPLASTIC)	2,600	LF	\$	\$
135	PAVEMENT MARKING (WHITE) (THERMOPLASTIC)	4,205	SF	\$	\$
136	PAVEMENT MARKING (YELLOW) (THERMOPLASTIC)	900	SF	\$	\$
137	ROADSIDE SIGN	15	EA	\$	\$
138	BICYCLE DETECTOR SYMBOL	11	EA	\$	\$
139	SLURRY SEAL (TYPE II)	15,220	SY	\$	\$
140	BLUE REFLECTIVE PAVEMENT MARKER	2	EA	\$	\$

LOCATION: RAILROAD AVENUE PATH

141	TEMPORARY STORM DRAIN INLET PROTECTION	5	EA	\$	\$
142	TREE PROTECTION AND ROOT PRUNING	1	LS	\$	\$
143	LAYOUT	1	LS	\$	\$
144	CLEARING AND GRUBBING	1	LS	\$	\$
145	REMOVE STUMP	10	EA	\$	\$
146	REMOVE TREE	12	EA	\$	\$
147	REMOVE TRAFFIC STRIPING	414	LF	\$	\$
148	ROADWAY EXCAVATION (F)	322	CY	\$	\$
149	REMOVE CONCRETE	2,965	SF	\$	\$
150	REMOVE CURB AND GUTTER	343	LF	\$	\$
151	REMOVE BENCH	1	EA	\$	\$
152	ADJUST WATER VALVE COVER TO GRADE (NP)	1	EA	\$	\$
153	ADJUST WATER METER COVER TO GRADE (SERVICE)	2	EA	\$	\$
154	CLASS 2 AGGREGATE BASE	422	CY	\$	\$
155	TYPE A HOT MIX ASPHALT	349	TON	\$	\$
156	CURB (TYPE A1-6)	32	LF	\$	\$
157	CURB (TYPE A2-6)	343	LF	\$	\$
158	SIDEWALK	3,852	SF	\$	\$
159	DECOMPOSED GRANITE	69	CY	\$	\$
160	CURB RAMP	14	EA	\$	\$
161	ISLAND PASSAGEWAY	98	SF	\$	\$
162	BUS SHELTER AND FOUNDATION	1	LS	\$	\$
163	RELOCATE TRASH CAN	1	EA	\$	\$
164	RELOCATE ROADSIDE SIGN	3	EA	\$	\$

165	WAYFINDING SIGNAGE (BART)	1	EA	\$	\$
166	ROADSIDE SIGN	16	EA	\$	\$
167	PAVEMENT MARKING (WHITE) (THERMOPLASTIC) (CROSSWALK)	2,498	SF	\$	\$
168	WOOD MULCH	373	CY	\$	\$
169	TREES, FIFTEEN GALLON CONTAINER PLANT	40	EA	\$	\$
170	4" DIAMETER IRRIGATION CONDUIT	90	LF	\$	\$
171	6" DIAMETER IRRIGATION CONDUIT	250	LF	\$	\$
172	IRRIGATION SYSTEM	1	LS	\$	\$
173	HEADERBOARD	965	LF	\$	\$

TRAFFIC SIGNAL IMPROVEMENTS

174	TRAFFIC SIGNAL SYSTEM MODIFICATIONS @ RAILROAD AVE/ BLISS AVE (SHEET E-1 TO E-2)	1	LS	\$	\$
175	MODIFICATIONS TO TRAFFIC SIGNAL AND ELECTRICAL SYSTEMS @ RAILROAD AVE/ ROUTE 4 EB RAMPS (SHEET E-3 TO E-4)	1	LS	\$	\$
176	TRAFFIC SIGNAL SYSTEM MODIFICATIONS @ RAILROAD AVE/ CALIFORNIA AVE (SHEET E-5 TO E-6)	1	LS	\$	\$
177	TRAFFIC SIGNAL SYSTEM MODIFICATIONS @ RAILROAD AVE/ CIVIC AVE (SHEET E-7 TO E-8)	1	LS	\$	\$
178	MODIFICATIONS TO TRAFFIC SIGNAL AND ELECTRICAL SYSTEMS @ CALIFORNIA AVE/HARBOR ST (SHEET E-9)	1	LS	\$	\$
179	MODIFICATIONS TO TRAFFIC SIGNAL AND ELECTRICAL SYSTEMS @ RAILROAD AVE/ ROUTE 4 EB RAMPS (SHEET E-3 TO E-4)	1	LS	\$	\$
180	TRAFFIC SIGNAL SYSTEM MODIFICATIONS @ RAILROAD AVE/ CALIFORNIA AVE (SHEET E-5 TO E-6)	1	LS	\$	\$
181	TRAFFIC SIGNAL SYSTEM MODIFICATIONS @ RAILROAD AVE/ CIVIC AVE (SHEET E-7 TO E-8)	1	LS	\$	\$
182	MODIFICATIONS TO TRAFFIC SIGNAL AND ELECTRICAL SYSTEMS @ CALIFORNIA AVE/HARBOR ST (SHEET E-9)	1	LS	\$	\$

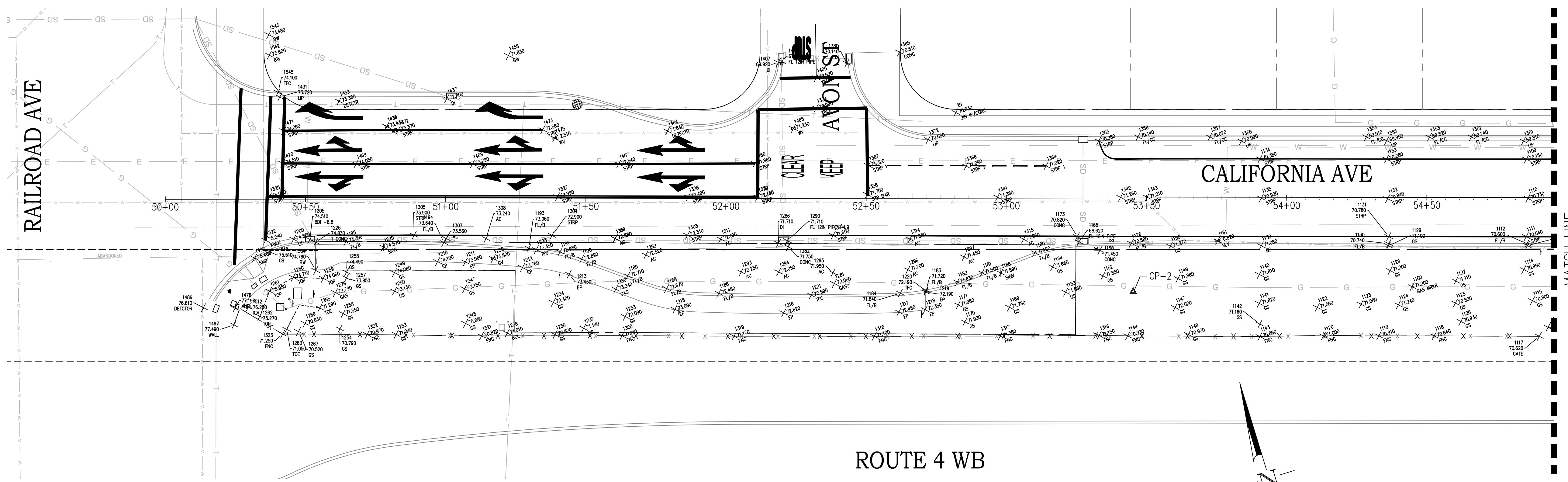
BASE BID TOTAL

ALTERNATE BID A – CALIFORNIA AVE LIGHTING

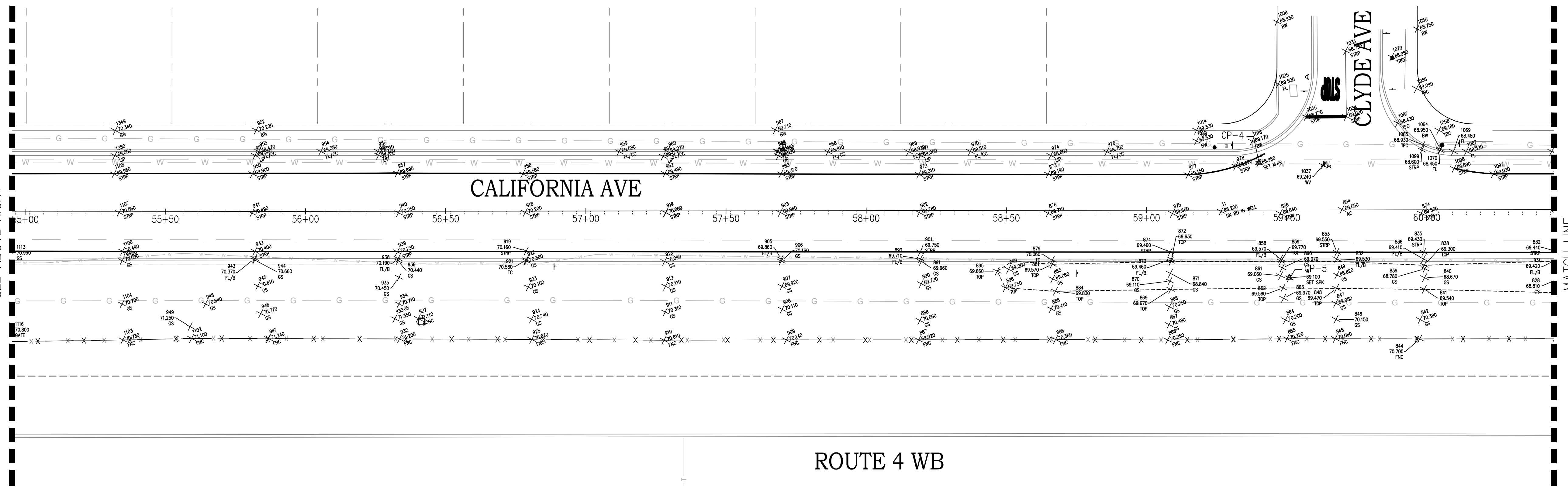
183	TRENCH AND BACKFILL (CALIFORNIA AVENUE LIGHTING)	2,750	LF	\$	\$
184	2" PVC CONDUIT (CALIFORNIA AVENUE LIGHTING)	2,600	LF	\$	\$
185	3" PVC CONDUIT (CALIFORNIA AVENUE LIGHTING)	150	LF	\$	\$
186	#8 AWG STRANDED COPPER CONDUCTOR (CALIFORNIA AVENUE LIGHTING)	10,250	LF	\$	\$
187	#6 AWG BARE SOLID CONDUCTOR (GROUND) (CALIFORNIA AVENUE LIGHTING)	2,000	LF	\$	\$
188	#5 PULL BOX (CALIFORNIA AVENUE LIGHTING)	29	EA	\$	\$

189	#3 1/2 PULL BOX (CALIFORNIA AVENUE LIGHTING)	3	EA	\$	\$
190	SERVICE CABINET AND FOUNDATION (CALIFORNIA AVENUE LIGHTING)	1	EA	\$	\$
191	SERVICE RISER (CALIFORNIA AVENUE LIGHTING)	1	EA	\$	\$
192	LIGHT FIXTURE, POLE, AND FOUNDATION (CALIFORNIA AVENUE LIGHTING)	25	EA	\$	\$
ALTERNATE BID A SUBTOTAL					\$
ALTERNATE BID B – RAILROAD AVE SECURITY WALL					
193	CLEARING AND GRUBBING	1	LS	\$	\$
194	REMOVE TREE	3	EA	\$	\$
195	LAYOUT	1	LS	\$	\$
196	16" CAST-IN-DRILLED HOLE PILE (SECURITY WALL)	804	LF	\$	\$
197	FURNISH AND ERECT PRECAST SECURITY WALL - TYPE 1 (9')	198	LF	\$	\$
198	FURNISH AND ERECT PRECAST SECURITY WALL - TYPE 1 (10')	479	LF	\$	\$
199	FURNISH AND ERECT PRECAST SECURITY WALL - TYPE 2 (8')	90	LF	\$	\$
200	FURNISH AND ERECT PRECAST SECURITY WALL - TYPE 2 (9')	240	LF	\$	\$
201	CONNECTION TO EXISTING FENCE (8' STEEL FENCE)	15	LF	\$	\$
202	FIVE GALLON VINE CONTAINER PLANT	52	EA	\$	\$
203	IRRIGATION SYSTEM	1	LS	\$	\$
ALTERNATE BID B SUBTOTAL					\$
ALTERNATE BID C – RAILROAD AVENUE PATH PLANTING AND IRRIGATION					
204	SOIL PREPARATION	48410	SF	\$	\$
205	SOD	7658	SF	\$	\$
206	WOOD HEADER	150	LF	\$	\$
207	ONE GALLON CONTAINER PLANT	926	EA	\$	\$
208	IRRIGATION SYSTEM	1	LS	\$	\$
ALTERNATE BID C SUBTOTAL					\$
ALTERNATE BID D – RAILROAD AVENUE PATH LIGHTING					
209	TRENCH AND BACKFILL (RAILROAD AVENUE LIGHTING)	2300	LF	\$	\$
210	2" PVC CONDUIT (RAILROAD AVENUE LIGHTING)	2300	LF	\$	\$
211	#8 AWG STRANDED COPPER CONDUCTOR (RAILROAD AVENUE LIGHTING)	7650	LF	\$	\$
212	#8 AWG BARE SOLID CONDUCTOR (GROUND) (RAILROAD AVENUE LIGHTING)	2550	LF	\$	\$
213	#5 PULL BOX (RAILROAD AVENUE LIGHTING)	31	EA	\$	\$

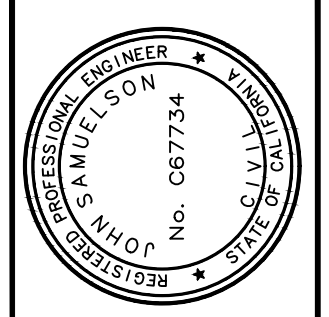
214	#6 PULL BOX (RAILROAD AVENUE LIGHTING)	2	EA	\$	\$
215	INSTALL CONDUIT IN EXISTING PULL BOX (RAILROAD AVENUE LIGHTING)	1	EA	\$	\$
216	REMOVE PULL BOX (RAILROAD AVENUE LIGHTING)	1	EA	\$	\$
217	CIRCUIT BREAKER (RAILROAD AVENUE LIGHTING)	4	EA	\$	\$
218	CONTACTOR (RAILROAD AVENUE LIGHTING)	4	EA	\$	\$
219	LIGHT FIXTURE, POLE, AND FOUNDATION (RAILROAD AVENUE LIGHTING)	33	EA	\$	\$
ALTERNATE BID D SUBTOTAL					\$
ALTERNATE BID A – CALIFORNIA AVE STREET LIGHTING					
220	TRENCH AND BACKFILL (CALIFORNIA AVENUE LIGHTING)	1,870	LF	\$	\$
221	2" PVC CONDUIT (CALIFORNIA AVENUE LIGHTING)	2,285	LF	\$	\$
222	3" PVC CONDUIT (CALIFORNIA AVENUE LIGHTING)	125	LF	\$	\$
223	#8 AWG STRANDED COPPER CONDUCTOR (CALIFORNIA AVENUE LIGHTING)	9,610	LF	\$	\$
224	#6 AWG BARE SOLID CONDUCTOR (GROUND) (CALIFORNIA AVENUE LIGHTING)	2,410	LF	\$	\$
225	#5 PULL BOX (CALIFORNIA AVENUE LIGHTING)	9	EA	\$	\$
226	#3 1/2 PULL BOX (CALIFORNIA AVENUE LIGHTING)	3	EA	\$	\$
227	#2 PULL PGE BOX (CALIFORNIA AVENUE LIGHTING)	1	EA	\$	\$
228	SERVICE CABINET AND FOUNDATION (CALIFORNIA AVENUE LIGHTING)	1	EA	\$	\$
229	SERVICE RISER (CALIFORNIA AVENUE LIGHTING)	1	EA	\$	\$
230	STREET FIXTURE, POLE, AND FOUNDATION (CALIFORNIA AVENUE LIGHTING)	6	EA	\$	\$
ALTERNATE BID E SUBTOTAL					\$
(F) Final Pay					
(NP) Non-Participating					



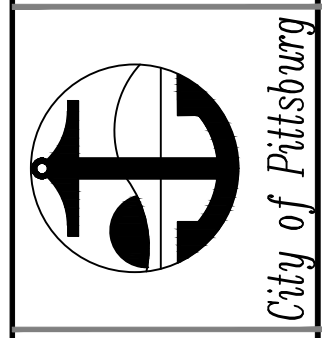
PLAN
SCALE 1"=20'



PLAN
SCALE 1"=20'



PREPARED UNDER THE DIRECTION OF:
JOHN SAMUELSON
No. 067754
9/14/23
DATE



**BART PEDESTRIAN & BIKE
CONNECTIVITY PROJECT
EXISTING CONDITIONS EXHIBIT**

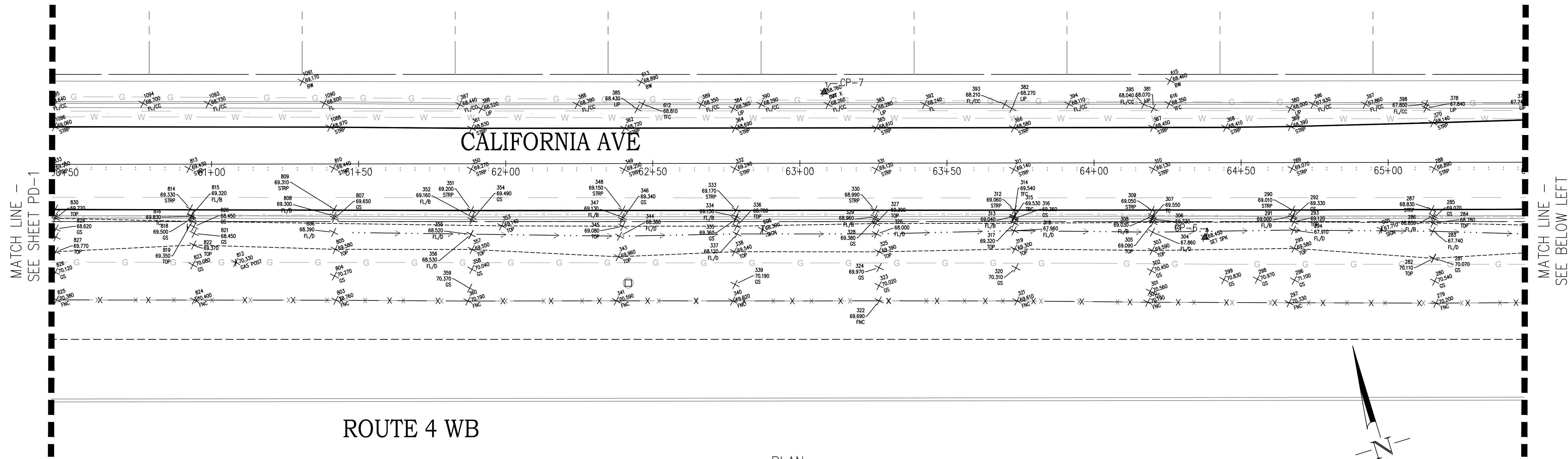
DATE	REV	DESCRIPTION

SHEET:
1 OF 2
SHEET NO.
EXHIBIT

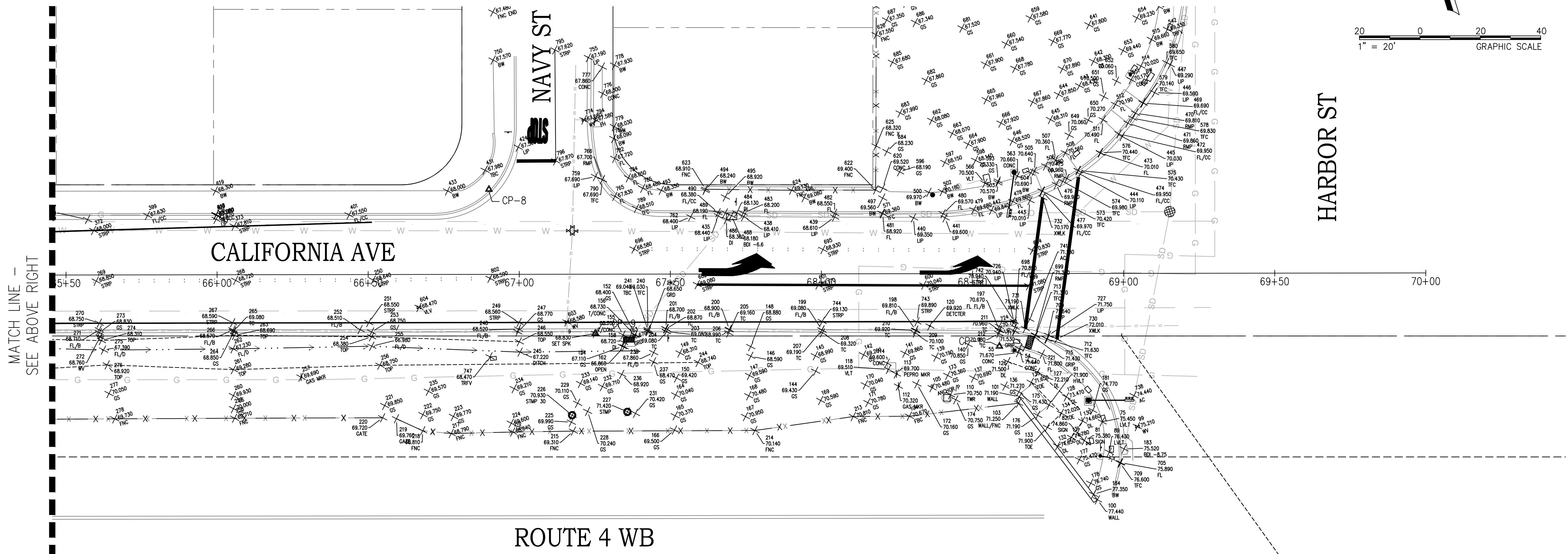
MATCH LINE -
SEE ABOVE RIGHT

MATCH LINE -
SEE SHEET PD-2

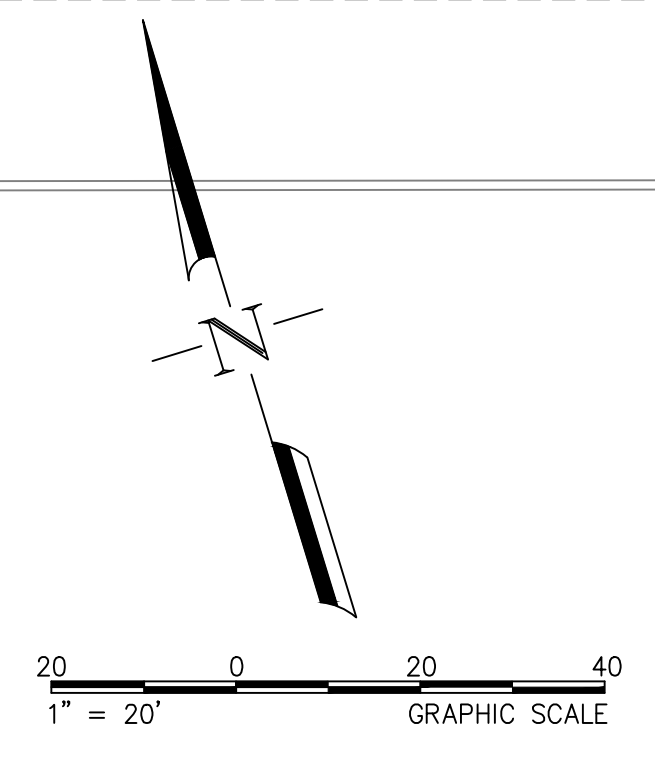
MATCH LINE -
SEE BELOW LEFT



PLAN
SCALE 1"=20'



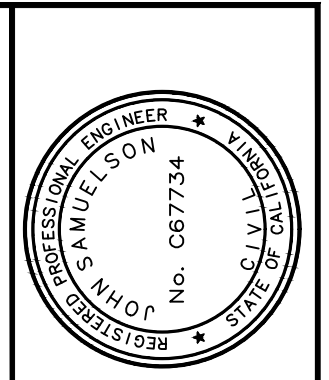
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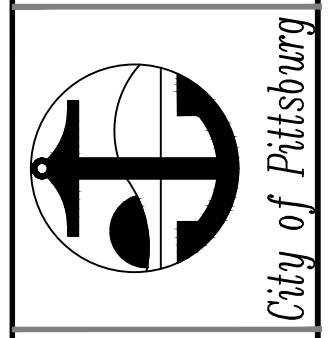
MATCH LINE -
SEE SHEET PD-1

MATCH LINE -
SEE BELOW LEFT

MATCH LINE -
SEE ABOVE RIGHT



PREPARED UNDER THE DIRECTION OF:
JOHN SAMUELSON
RCE: 067754
DATE: 01/14/23

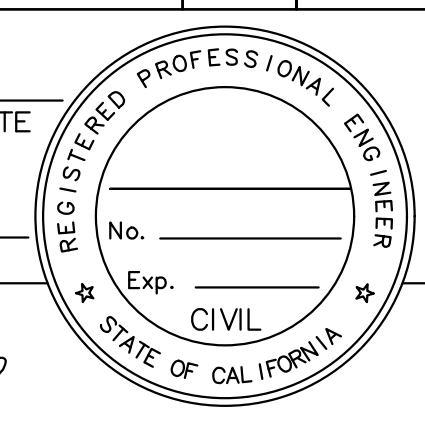


**BART PEDESTRIAN & BIKE
CONNECTIVITY PROJECT
EXISTING CONDITIONS EXHIBIT**

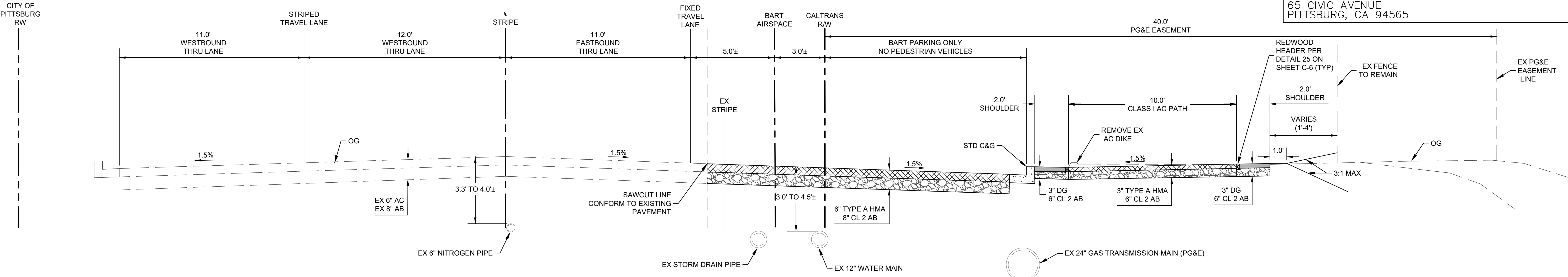
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	04	23.0-23.4	3	79

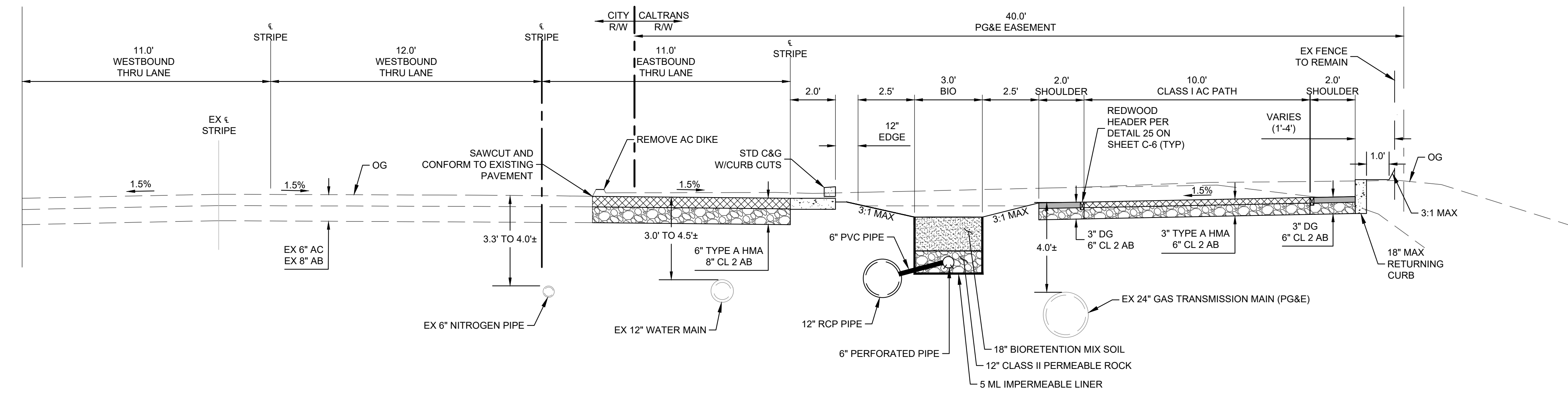
JOHN SAMUELSON, CITY ENGINEER, CE 67734 DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



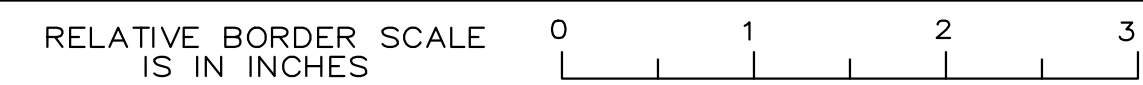
CITY OF PITTSBURG
 65 CIVIC AVENUE
 PITTSBURG, CA 94565



A
 X-1
 PROPOSED SECTION @ BART PARKING
 (CALIFORNIA AVENUE)
 LOOKING WEST TO EAST



B
 X-1
 TYPICAL PROPOSED SECTION
 (CALIFORNIA AVENUE)
 LOOKING WEST TO EAST

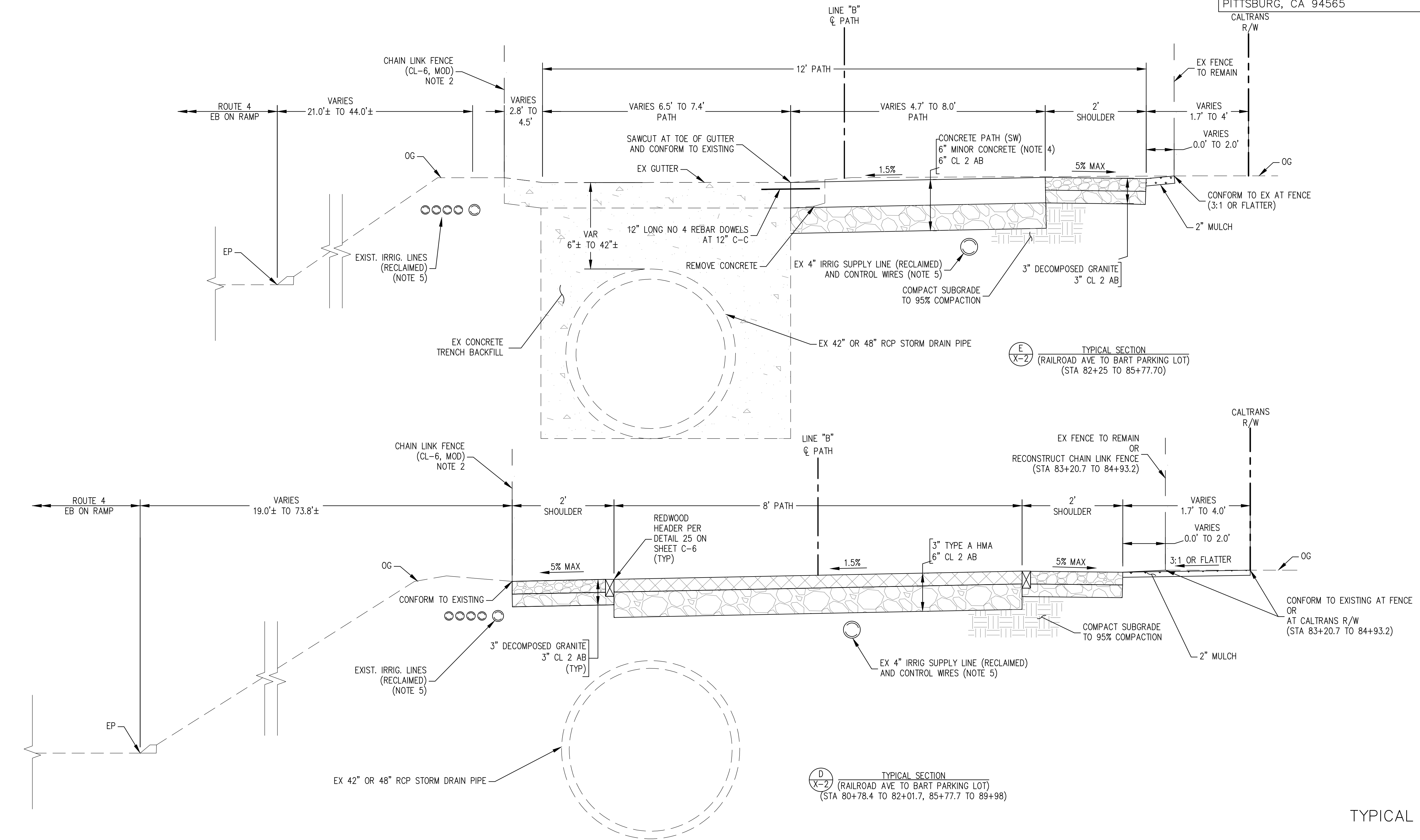


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	04	23.0-23.4	4	79

JOHN SAMUELSON, CITY ENGINEER, CE 67734 DATE _____
 PLANS APPROVAL DATE _____
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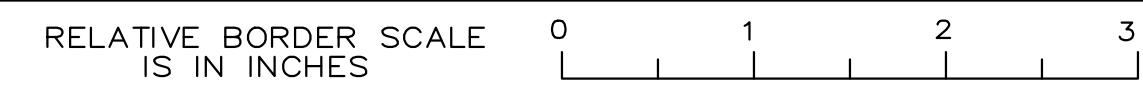


CITY OF PITTSBURG
 65 CIVIC AVENUE
 PITTSBURG, CA 94565



E
 TYPICAL SECTION
 (RAILROAD AVE TO BART PARKING LOT)
 (STA 82+25 TO 85+77.70)

D
 TYPICAL SECTION
 (RAILROAD AVE TO BART PARKING LOT)
 (STA 80+78.4 TO 82+01.7, 85+77.7 TO 89+98)



TYPICAL SECTIONS
 X-2

DATE PLOTTED => 1/9/24
 TIME PLOTTED =>

- NOTES:
- SEE LAYOUT PLAN (SHEETS L-1 TO L-9) FOR UTILITY ADJUSTMENTS AND ROADSIDE SIGN RELOCATIONS
 - REMOVE AC DIKE SHALL BE INCLUDED UNDER ROADWAY EXCAVATION.
 - THE CONTRACTOR SHALL STAGE THE WORK TO PROVIDE BART STAFF VEHICLE PARKING AT ALL TIMES. CONTRACTOR TO COORDINATE WITH BART.
 - SEE SHEET L-1 FOR CONTROL POINTS DATA AND LINE "A" DATA.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	04	23.0-23.4	6	79

REGISTERED CIVIL ENGINEER _____ DATE _____

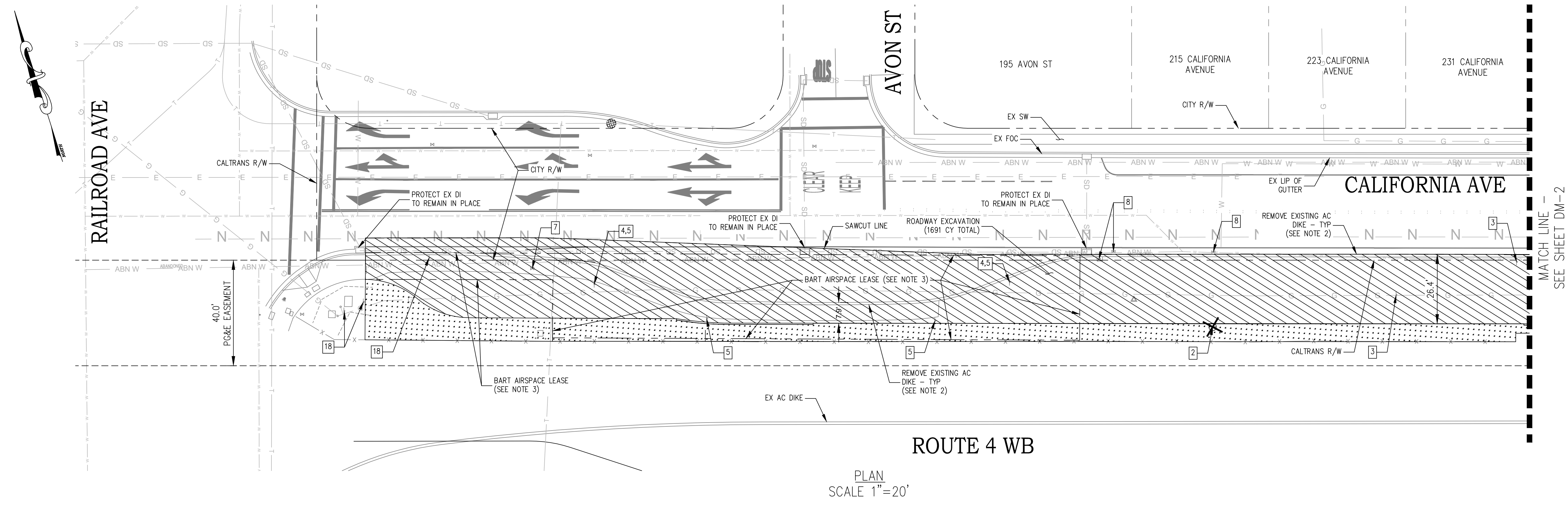
PLANS APPROVAL DATE _____

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CITY OF PITTSBURG
65 CIVIC AVENUE
PITTSBURG, CA 94565

DATE 1/9/2024
DESIGNED BY DANYE JOHNSON
CHECKED BY JOHN SAMUELSON
FUNCTIONAL SUPERVISOR
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CALTRANS



LEGEND: DEMOLITION PLAN (SHEETS DM-1 TO DM-8 ONLY)

- REMOVE TREE
- REMOVE TRAFFIC STRIPING, PAVEMENT MARKER, OR PAVEMENT MARKING
- REMOVE CONCRETE (INCLUDES SIDEWALK, CURB RAMPS, DRIVEWAYS, CURB, AND GUTTER)
- ROADWAY EXCAVATION
- CLEARING AND GRUBBING

DEMOLITION PLAN TABLE (SHEETS DM-1 TO DM-8 ONLY)

1	REMOVE TREE	15	EX ELECTRICAL TRANSFORMER (REMAIN IN PLACE)
2	REMOVE TREE STUMP	16	EX ELECTRICAL PANEL (REMAIN IN PLACE)
3	REMOVE ROADSIDE SIGN	17	EX TREE (REMAIN IN PLACE)
4	REMOVE ROADSIDE SIGN PANEL (NO PARKING TOW AWAY ZONE)	18	REMOVE ROADSIDE SIGN (PG&E GAS MARKER)
5	RELOCATE ROADSIDE SIGN (NOTE 1)	19	REMOVE IRRIGATION CONTROL VALVE (NOTE 2)
6	REMOVE DRAINAGE INLET	20	EX IRRIGATION VALVE COVER TO REMAIN (REMAIN IN PLACE)
7	EX GAS VALVE COVER (PG&E) (NOTE 1)	21	RELOCATE IRRIGATION VALVE AND COVER
8	EX CITY WATER VALVE COVER (NOTE 1)	22	EX CITY STREET LIGHTING BOX
9	EX ELECTRICAL TOWER (REMAIN AND PROTECT IN PLACE)	23	EX RAMP METERING BOX (CALTRANS) (NOTE 1)
10	EX ELECTRICAL VAULT (REMAIN IN PLACE)	24	EX TRAFFIC OPERATIONS SYSTEM BOX (CALTRANS) (NOTE 1)
11	EX TRAFFIC SIGNAL BOX (NOTE 1)	25	EX STREET LIGHTING BOX (CALTRANS) (NOTE 1)
12	EX TELECOM BOX (AT&T) (NOTE 1)	26	EX SIGNAL INTERCONNECT BOX (CALTRANS) (NOTE 1)
13	EX CITY WATER METER (NOTE 1)	27	EX CITY INTERCONNECT BOX (CALTRANS) (NOTE 1)
14	EX ELECTRICAL BOX (PG&E) (NOTE 1)	28	EX TELECOM BOX (COMCAST) (NOTE 1)

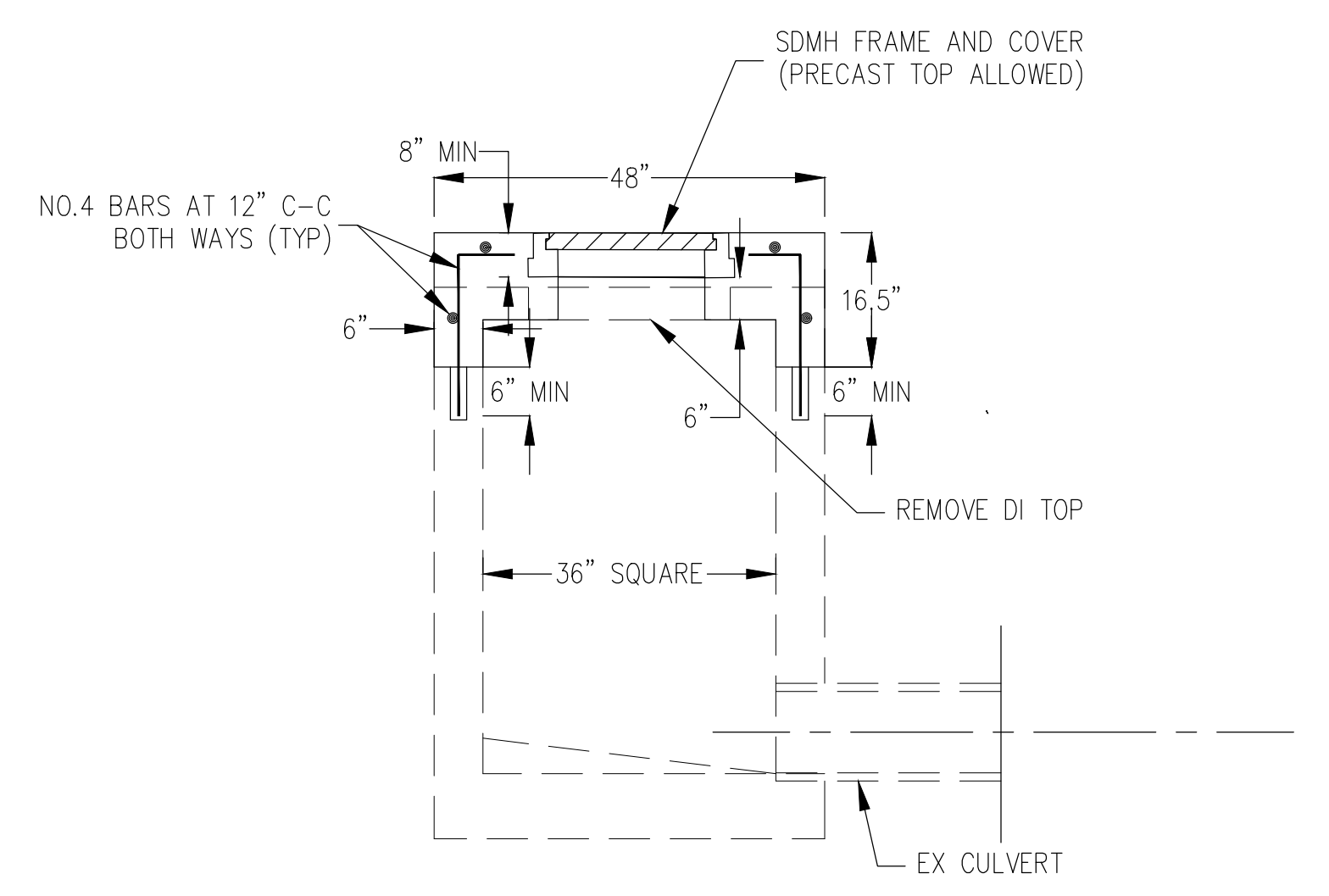
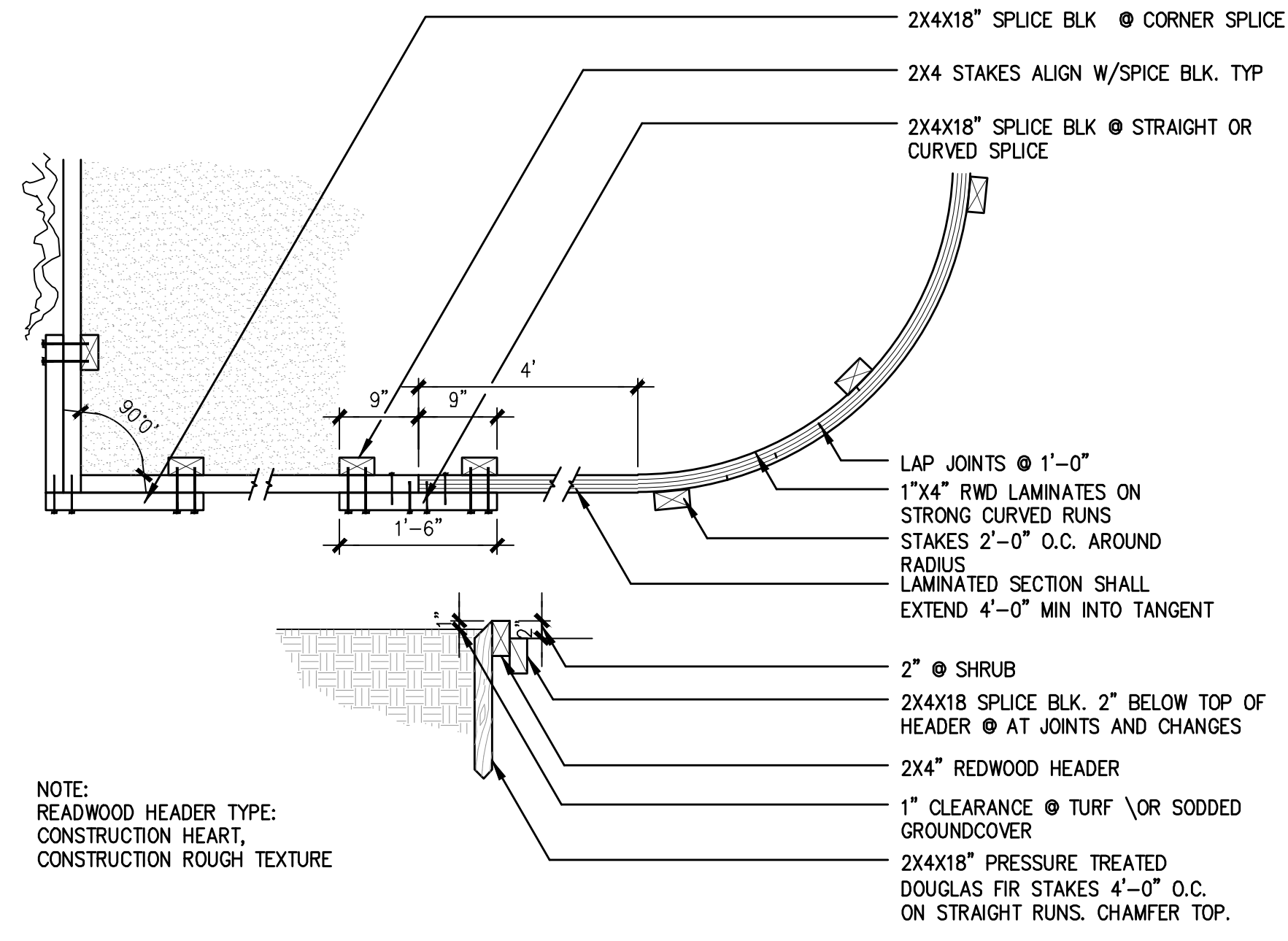
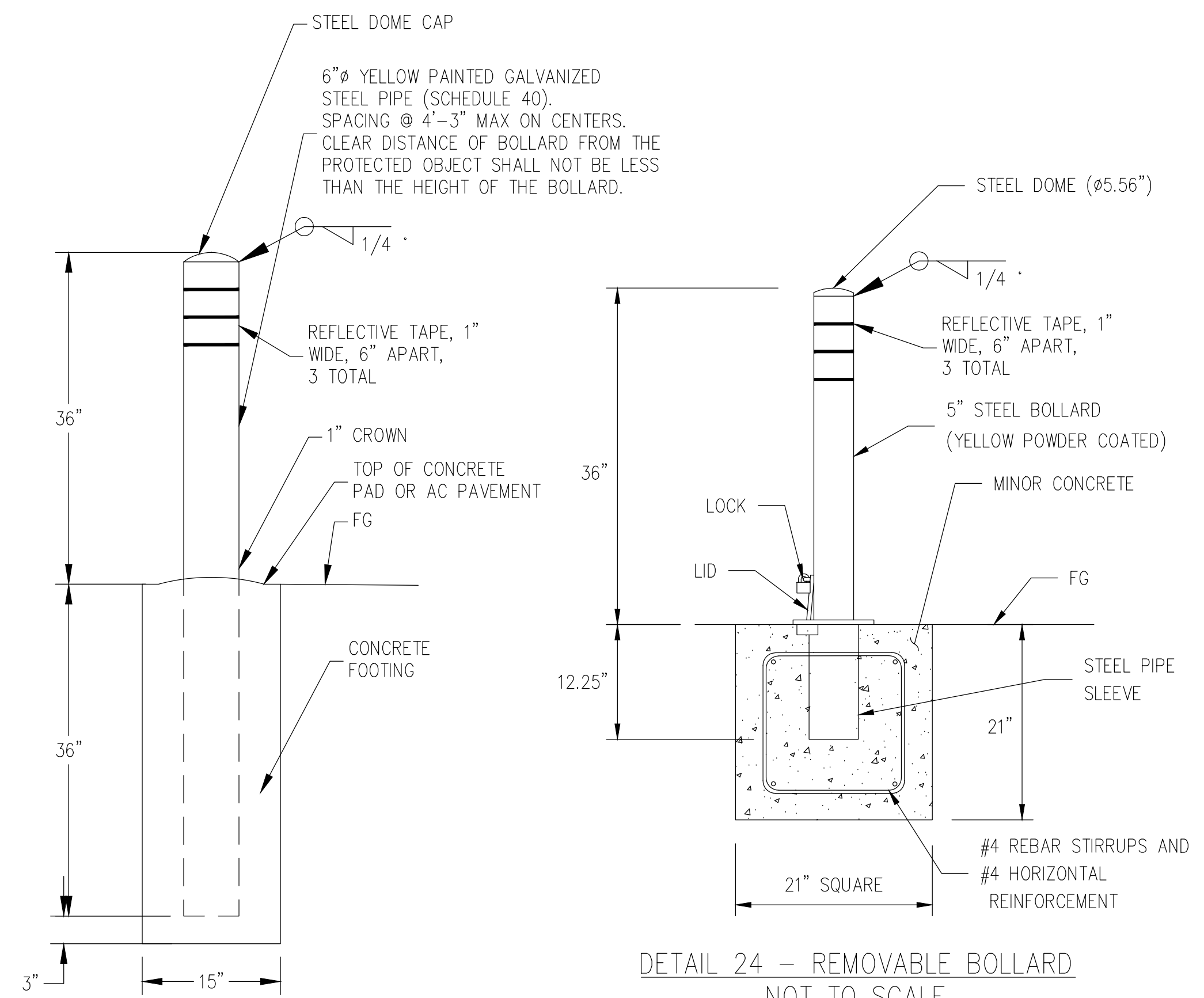
NOTES:
 1. SHOP DRAWINGS AND CALCULATIONS TO BE PROVIDED BY PRECAST MANUFACTURER.
 2. SEE CONTRA COSTA STANDARD PLAN CD30.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	04	23.0-23.4	28	79

JOHN SAMUELSON, CITY ENGINEER, CE 67734 DATE _____
 PLANS APPROVAL DATE _____
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CITY OF PITTSBURG
 65 CIVIC AVENUE
 PITTSBURG, CA 94565



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Functional Supervisor
 DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE
 DATE
 DATE
 DATE



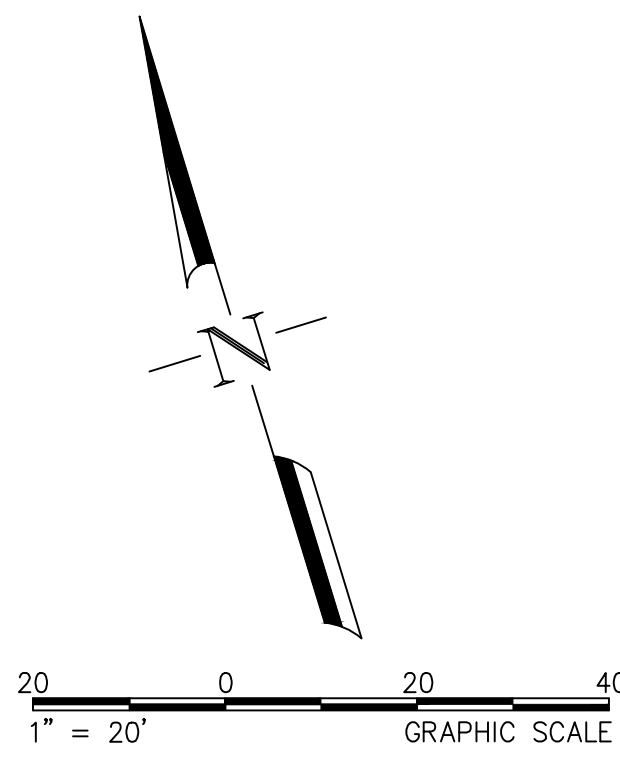
GENERAL NOTES (SHEETS E10 AND E11):

- ALL STREET PULL BOXES SHALL BE NO. 5 PER CITY STANDARD DETAILS T-5
- ALL NEW LIGHTING CONDUIT SHALL BE 2" UNLESS NOTED OTHERWISE ON THE PLANS.

NOTE: CALIFORNIA AVENUE STREET LIGHTING PLANS (SHEETS E-10 AND E-11) ARE ADDITIVE BID E.

PROJECT KEYNOTES:

- INSTALL NEW STREET LIGHT PER CITY STANDARD DETAIL T-5. INSTALL 10A INLINE FUSE AT HANDHOLE AT BASE OF POLE.
- INSTALL NEW 2" C, 4#8 (240V LTG CKT C-1 & C-2), 2#8 (120V IRR), 1#6G
- INSTALL NEW 2" C, 4#8 (240V LTG CKT C-1 & C-2), 2#8 (120V IRR), 1#6G. INSTALL PULL ROPE.
- FURNISH/INSTALL NEW 100A, 120/240V TYPE III-A SERVICE PEDESTAL, TESCO 26-100 (UM) OR SIMILAR. PG&E TO COMPLETE TERMINATION OF CONDUCTORS FROM SERVICE POINT. SEE DETAIL, SHEET E-11.
- APPLICANT TO INSTALL 3" CONDUIT; PG&E TO INSTALL CONDUCTORS TO NEW PEDESTAL.
- FURNISH/INSTALL NEW PG&E NO. 2 BOX.
- EXISTING OVERHEAD PG&E SERVICE POINT ON EXISTING WOOD POLE. FURNISH/INSTALL NEW 2" RISER TO NEW NO. 2 PG&E BOX. PG&E TO INSTALL CONDUCTORS.
- INSTALL 2" C WITH PULL ROPE.



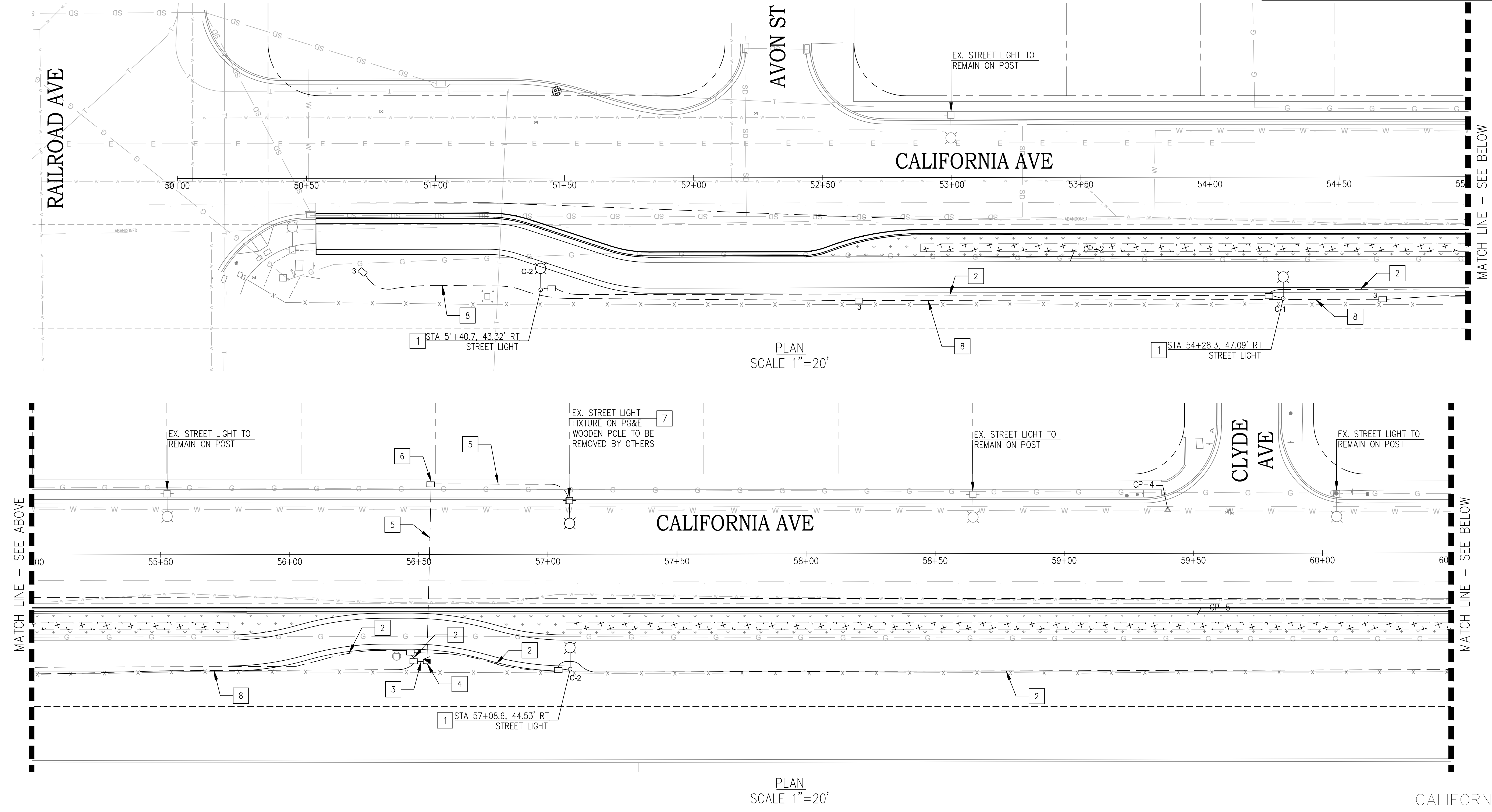
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	04	23.0-23.4	75A	79

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CITY OF PITTSBURG
 65 CIVIC AVENUE
 PITTSBURG, CA 94565



CALIFORNIA AVE
 STREET LIGHTING
 E-10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 FUNCTIONAL SUPERVISOR
 DESIGNED BY
 CHECKED BY
 DANYE JOHNSON
 DATE
 1/9/2024
 REVISED BY
 DATE REVISED
 1/9/2024

GENERAL NOTES (SHEETS E10 AND E11):

- ALL STREET PULL BOXES SHALL BE NO. 5 PER CITY STANDARD DETAILS T-5
- ALL NEW LIGHTING CONDUIT SHALL BE 2" UNLESS NOTED OTHERWISE ON THE PLANS.

NOTE: CALIFORNIA AVENUE STREET LIGHTING PLANS (SHEETS E-10 AND E-11) ARE ADDITIVE BID E.

PROJECT KEYNOTES:

- INSTALL NEW STREET LIGHT PER CITY STANDARD DETAIL T-5. INSTALL 10A INLINE FUSE AT HANDHOLE AT BASE OF POLE.
- INSTALL NEW 2" C, 4#8 (240V LTG CKT C-1 & C-2), 2#8 (120V IRR), 1#6G
- INSTALL NEW 2" C, 2#8 (240V LTG CKT C-1 & C-2), 2#8 (120V IRR), 1#6G.
- INSTALL NEW 2" C, 2#8 (120V IRR), 1#6G.

TYPE III-A SERVICE (120/240 V) EQUIPMENT LEGEND

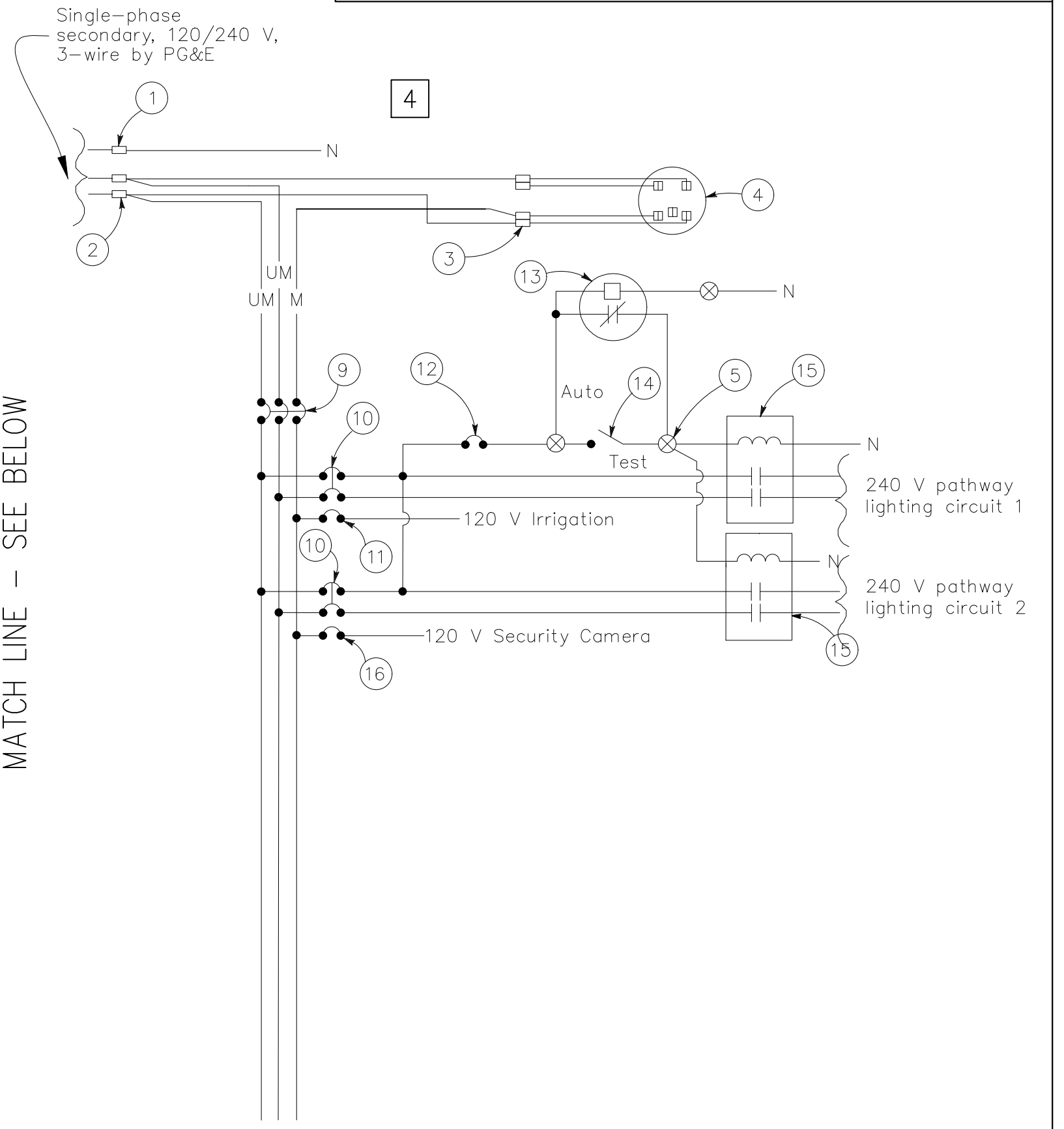
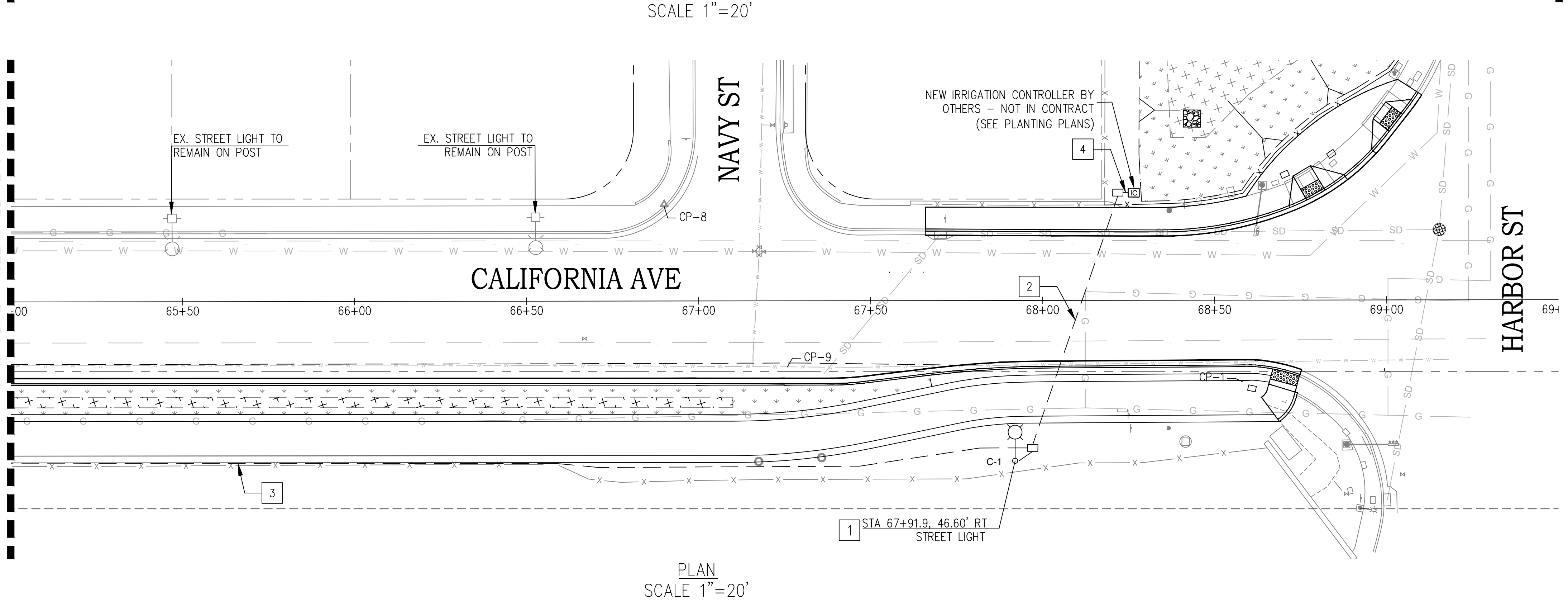
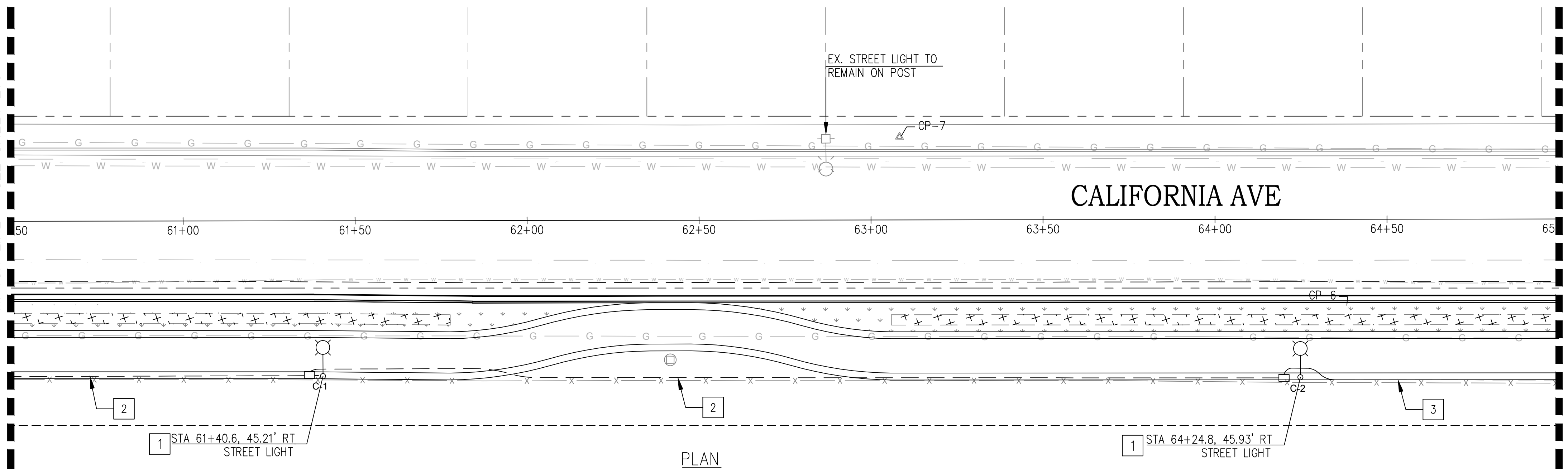
ITEM No.	COMPONENT	NAME PLATE DESCRIPTION	ITEM No.	COMPONENT	NAME PLATE DESCRIPTION
1	Neutral lug		10	15 A, 240 V, 2P, CB	Lighting
2	Landing lug		11	15 A, 120 V, 1P, CB	Irrigation
3	Test bypass facility		12	15 A, 120 V, 1P, CB	Lighting Control
4	Meter socket and support		13	Photoelectric unit (Note 4)	PEU
5	Terminal blocks		14	15 A, 1P, Test switch	Lighting Test Switch
6	Neutral bus		15	60 A, 2PNO Contactor	Lighting
7	Grounding bus		16	15 A, 120 V, 1P, CB	Security Camera
8	Grounding electrode				
9	100 A, 240 V, 3P, CB	Main Breaker			

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	CC	04	23.0-23.4	76A	79

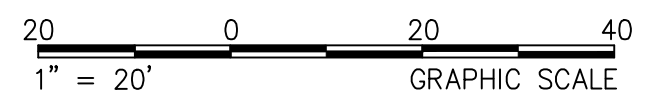
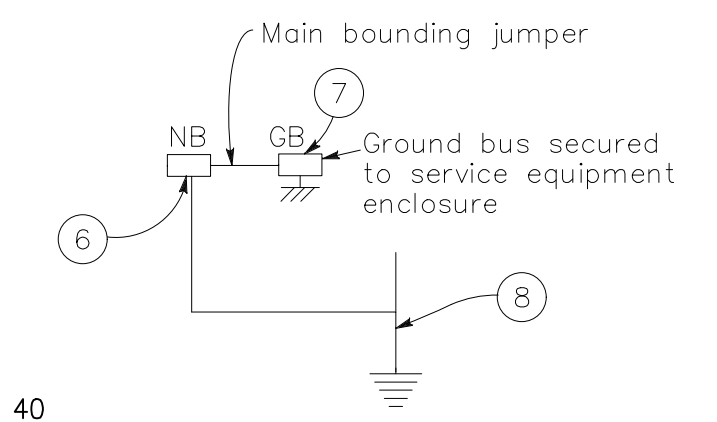
REGISTERED CIVIL ENGINEER DATE
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



CITY OF PITTSBURG
 65 CIVIC AVENUE
 PITTSBURG, CA 94565



- Notes:
- Unless otherwise indicated on the plans, service equipment items shall be provided for each service equipment enclosure as shown.
 - Connect to remote test switch mounted on lighting standards, sign post, or structure when required.
 - Items 1 and 6 shall be isolated from the service equipment enclosure.
 - Type V photoelectric control shall be used unless otherwise indicated on the plans.
 - Item 14 shall be ganged operated by CB.
 - The plan shows the approximate location of devices within the enclosure. Components may be rearranged, however, the "working" clearances within the service equipment enclosure shall be maintained.



CALIFORNIA AVE
 STREET LIGHTING
 E-11