

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(3)	2002	150	159

LEGEND

- mp Meco pp by Meco
  - oemp Existing Meco pp
  - tp Htco tp by Htco
  - oetp Existing Htco tp
  - hp HC&S pp by HC&S
  - oehp Existing HC&S pp
  - oemcb Existing emergency call box
  - Meco Street light w. one fixture
  - Street light w. one fixture
  - esl Existing str. light.
  - ehh Existing hand hole.
  - ▢ Meco 4'x6' hh, Meco Dwg. No. 18842
  - ▢ Meco 2'x4' hh, Meco Dwg. No. 30-2005.
  - ▣ Meco Single Phase Transformer Pad
  - KWHr meter
  - ⊠ 2x4 hh, similar to Meco 2x4, but w. "ELECTRIC" inscribed on cover.
  - ▤ Htco 4x6 hh, Htco Dwg. No.34029
  - ▥ Hatv 2'x4' hh, similar to Htco 2'x4'hh per Htco Dwg 34056, but w. letters "TV" inscribed on cover.
- Meco, Maui Electric Company.  
Htco, Verizon.  
Hatv, Hawaiian CableVision.

CONSTRUCTION NOTES:

Contractor shall obtain all required permits before commencing work, including, but not limited to State Highway permit to work on State R.O.W., Land Use and Codes permit to work on County R.O.W. Traffic Control Plans and Construction Notes provided elsewhere in these drawings are applicable this work. Contractor shall comply with all conditions of the permits.

INSPECTION CO-ORDINATION:

Co-ordinate for inspection with Meco, Verizon and Hawaiian CableVision companies when working on or near their facilities. Call for inspection and standby men at least three (3) working days before starting work and before pouring of concrete, backfill of trenches and handholes, or covering any work.

RELOCATION NOTES:

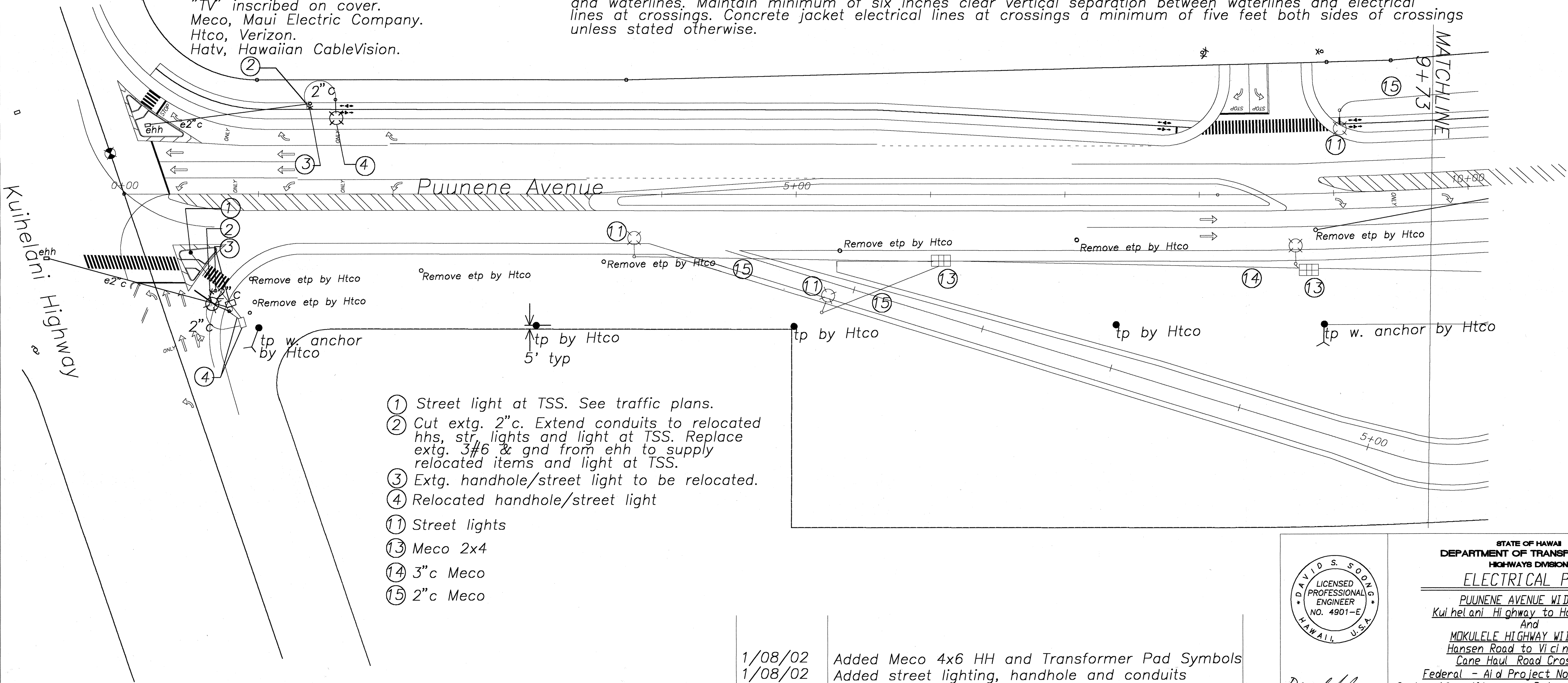
Verify existing work and relocate existing to new location indicated. Relocation shall include all incidental work including excavation, concrete and restoring damaged or disturbed work to original conditions.

PRECAST ITEMS FOR UTILITY COMPANIES:

Precast handholes, street light foundations and equipment pads etc. shall be fabricated in Maui by entities previously approved by the utility companies in the fabrication of these items. Contractor shall co-ordinate for inspection during the precasting. A 5/8"x8" copperweld ground rod shall be installed at each HH for grounding.

DEPARTMENT OF WATER SUPPLY NOTES:

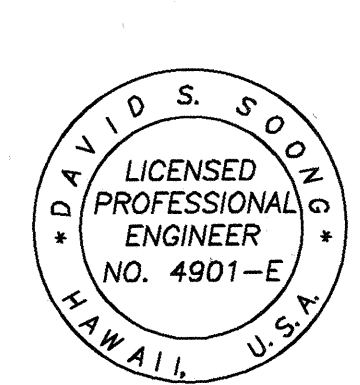
Contractor shall contact DWS at Phone 243-7340 one week prior to commencing work. Contractor shall be responsible to verify exact depth and location of existing water lines in the project area prior to commencing work and shall meet with DWS personnel in the field to help locate existing waterlines in the project if necessary. Maintain a minimum of three feet clear horizontal separation between electrical and waterlines. Maintain minimum of six inches clear vertical separation between waterlines and electrical lines at crossings. Concrete jacket electrical lines at crossings a minimum of five feet both sides of crossings unless stated otherwise.



- ① Street light at TSS. See traffic plans.
- ② Cut extg. 2" c. Extend conduits to relocated hhs, str. lights and light at TSS. Replace extg. 3/6 & gnd from ehk to supply relocated items and light at TSS.
- ③ Extg. handhole/street light to be relocated.
- ④ Relocated handhole/street light
- ⑪ Street lights
- ⑬ Meco 2x4
- ⑭ 3" c Meco
- ⑮ 2" c Meco

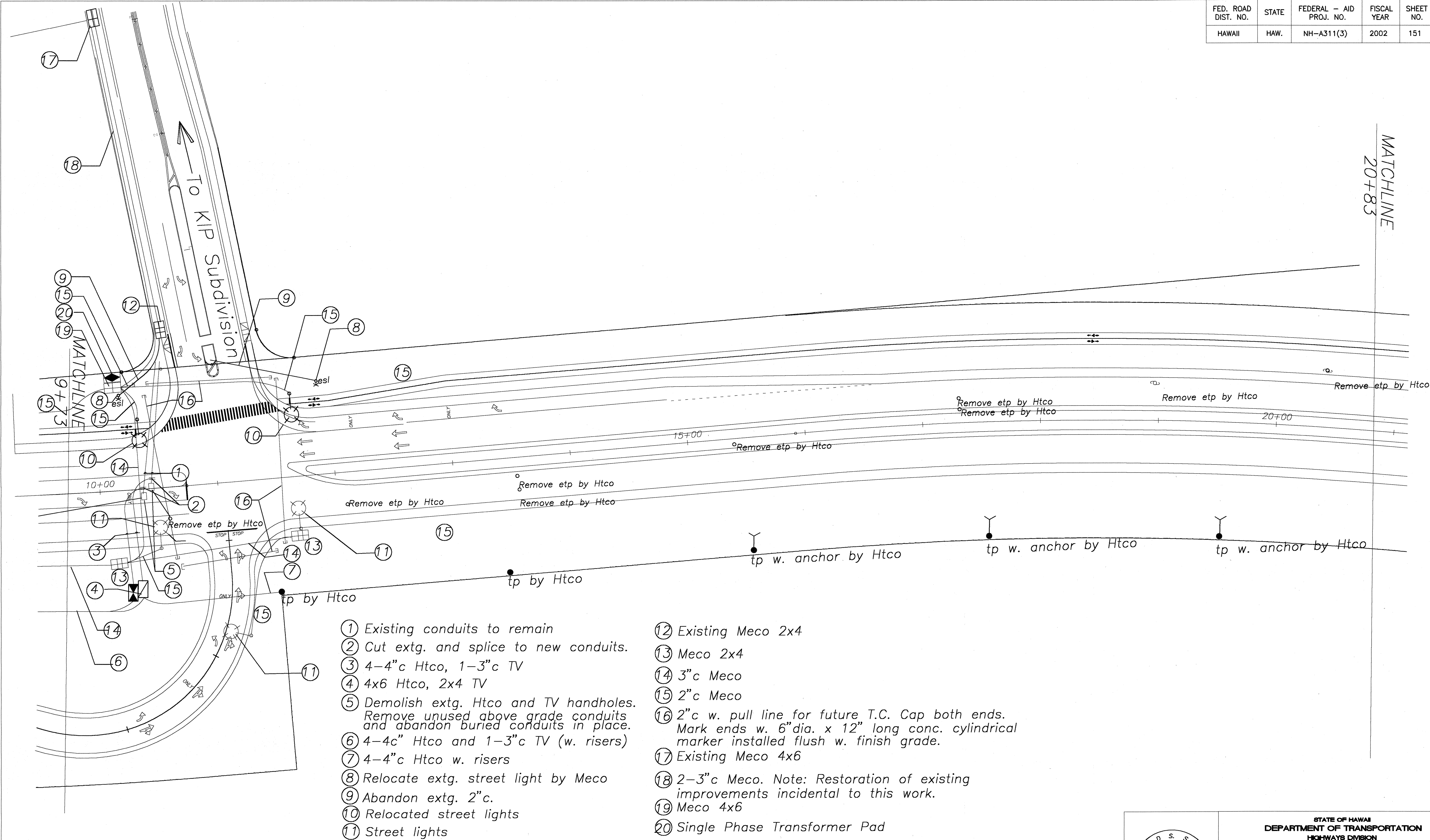
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1/08/02	Added Meco 4x6 HH and Transformer Pad Symbols
1/08/02	Added street lighting, handhole and conduits
DATE	REVISION



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**ELECTRICAL PLAN**  
PUUNENE AVENUE WIDENING  
Kuhelani Highway to Hansen Road  
And  
MOKULELE HIGHWAY WIDENING  
Hansen Road to Vicinity of  
Cane Haul Road Crossing  
Federal - Aid Project No. NH-A311(3)  
Scale: 1" = 40' Date: October 2001  
SHEET No. E-1 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(3)	2002	151	159



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ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

DAVID S. SOONG  
LICENSED PROFESSIONAL ENGINEER  
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STATE OF HAWAII  
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HIGHWAYS DIVISION

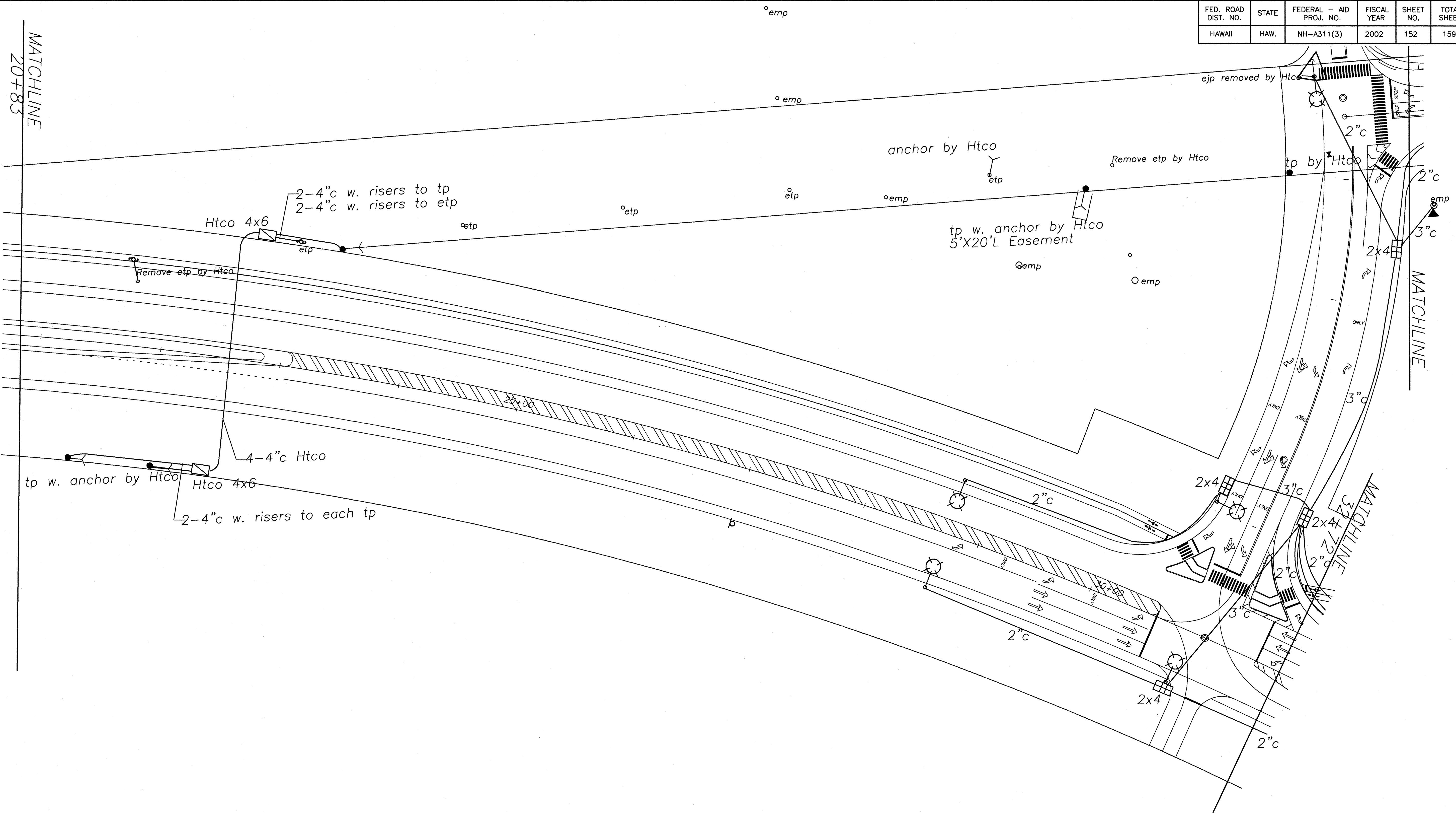
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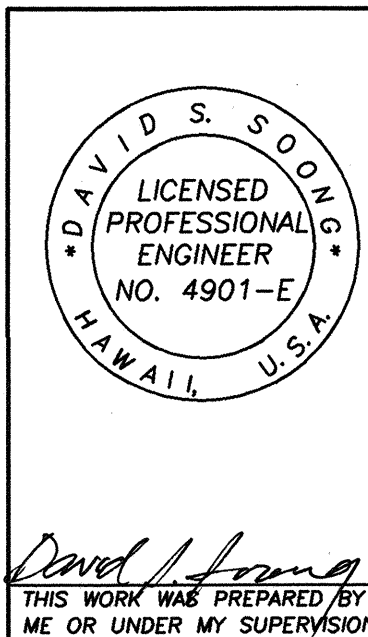
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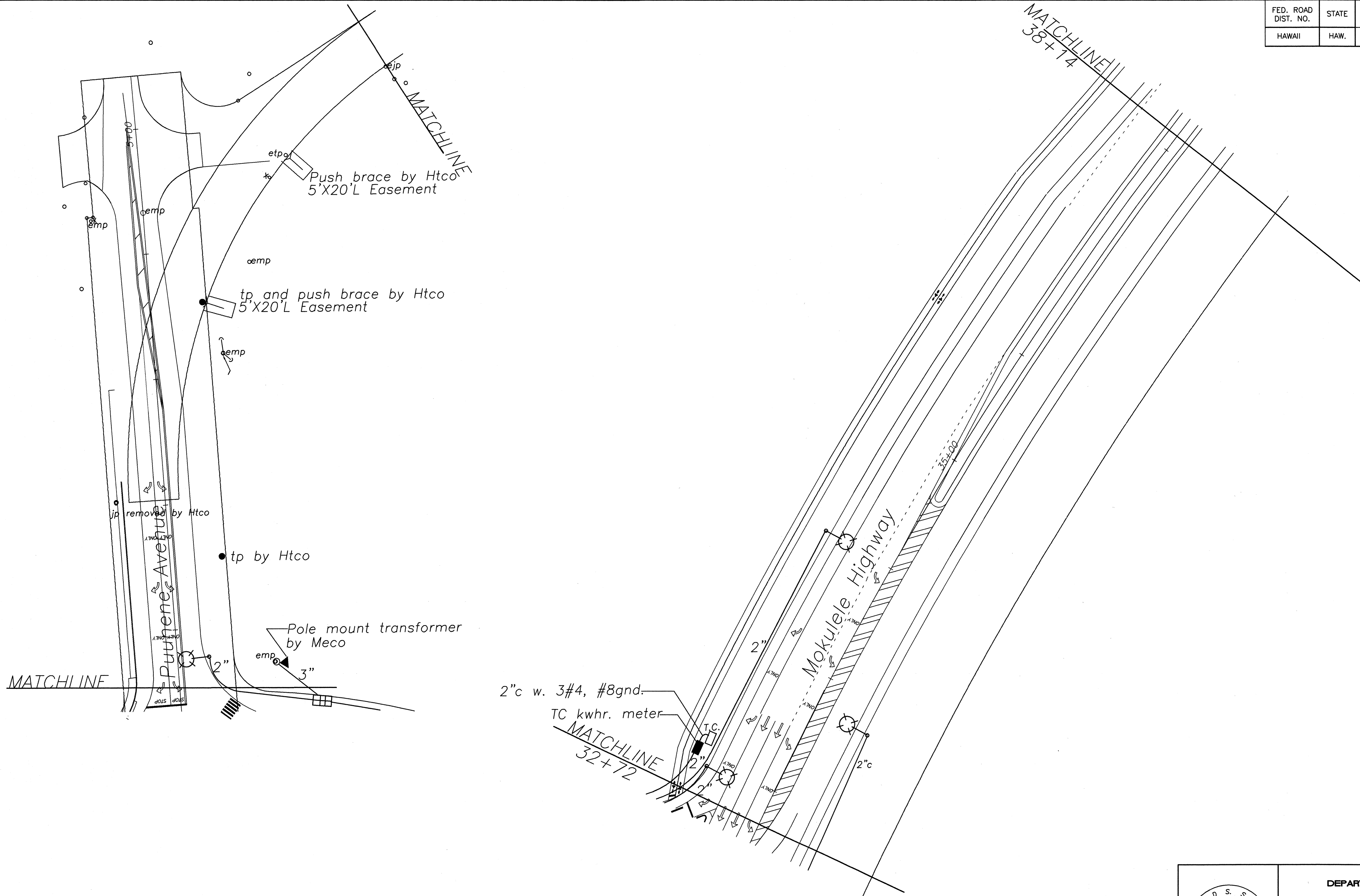


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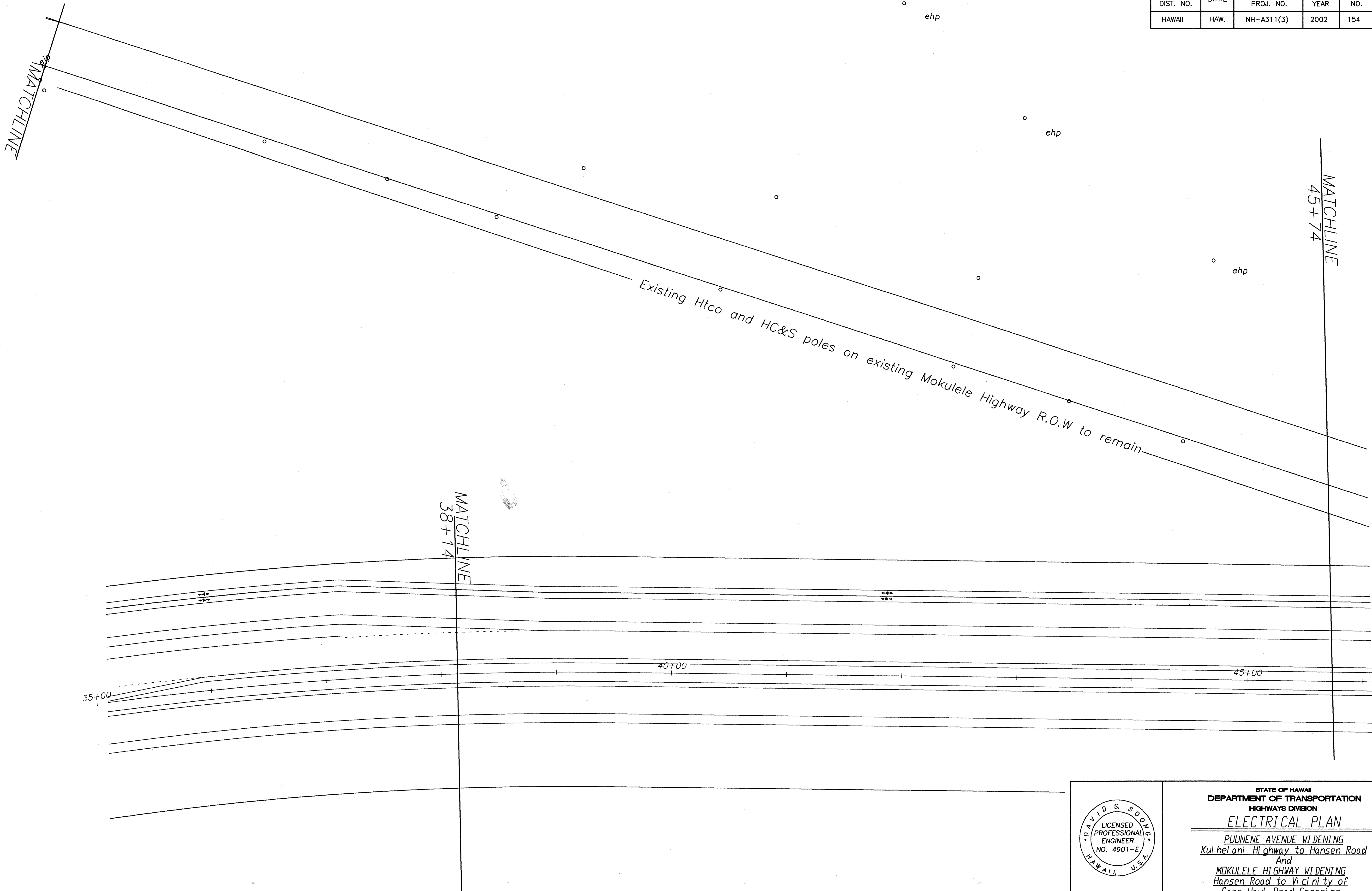
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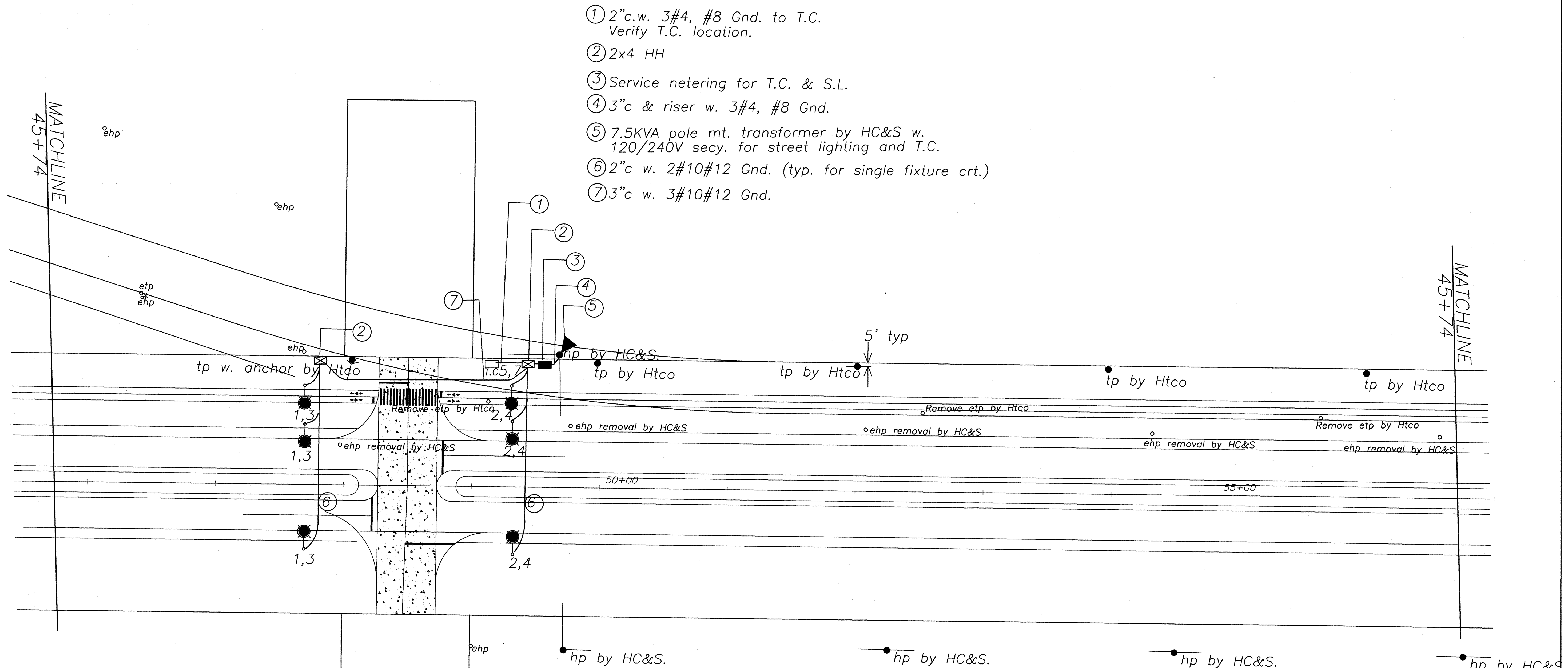
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HC&S Pole Line Relocation Note:  
A section of HC&S pole line from approx. STA 48+50 to STA 117+50 along Mokulele Highway shall be removed and relocated outside of R.O.W. by H.C.&S. Routing indicated is for HC&S review only. Final routing and details by HC&S, but shall meet clearances and all other statutory requirements.

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**ELECTRICAL PLAN**

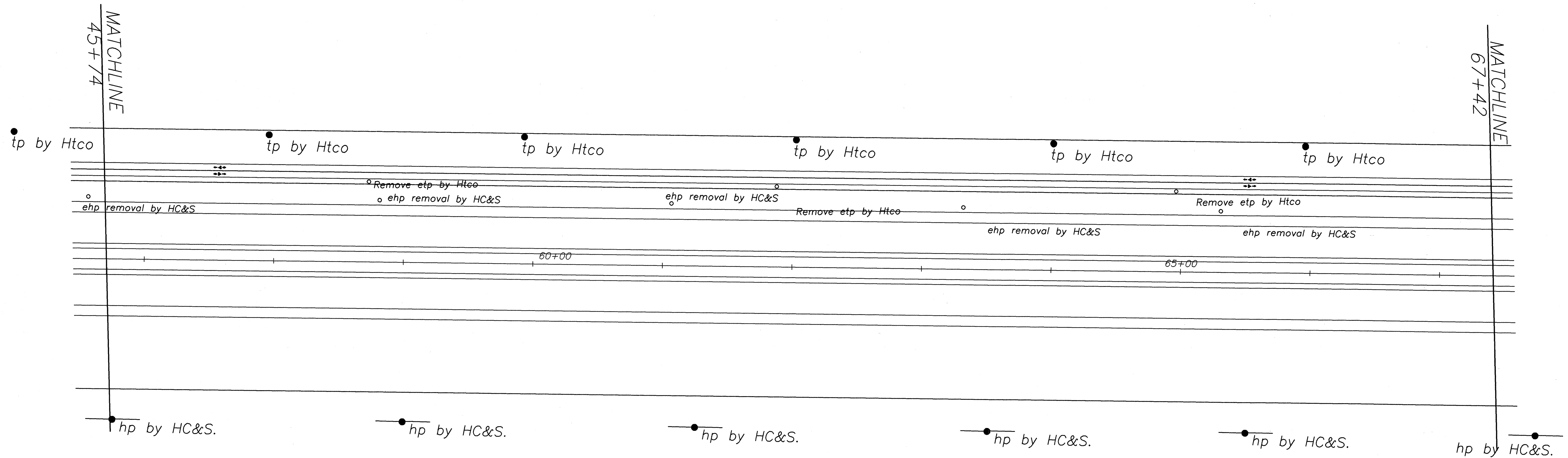
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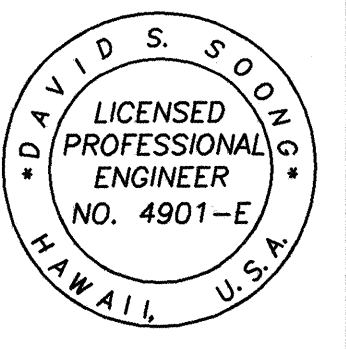
SHEET No. E-6 OF 10 SHEETS

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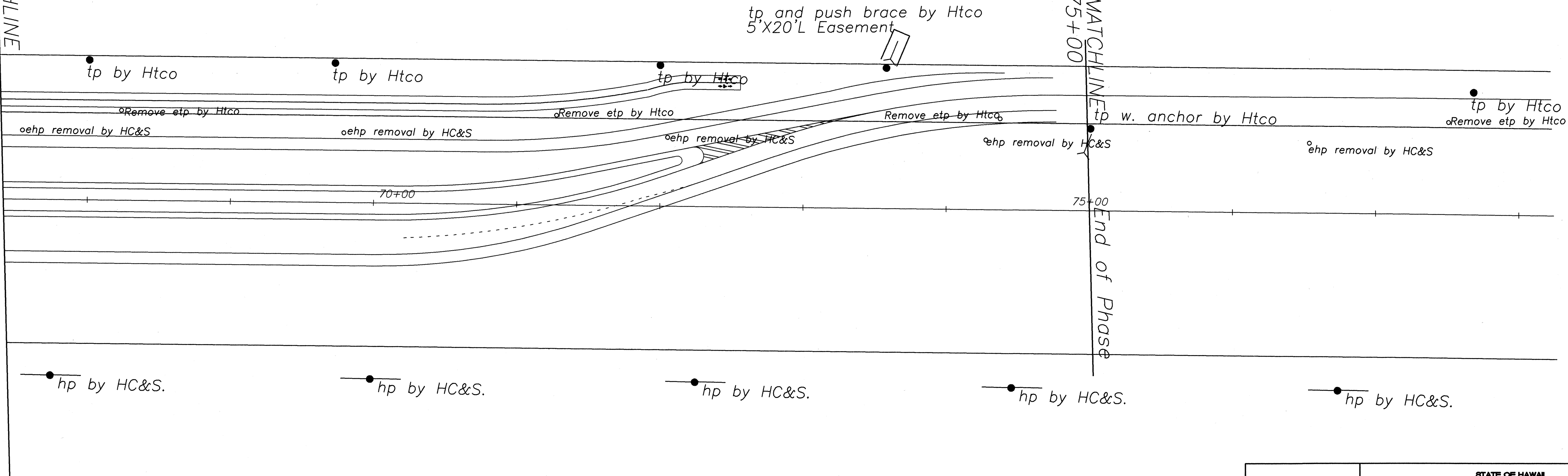
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MATCHLINE  
67+42



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