FED. ROAD	STATE	FED. AID	FISCAL	SHEET	TOTAL
DIST. NO.		PROJ. NO.	YEAR	NO.	SHEETS
HAWAII	HAW.	CMAQ-0300(87)	2003	138	145

TRAFFIC SIGNAL NOTES

- 1. Should Any Defect Be Encountered During The Warranty Period, The Manufacturer Will Be Notified And He Shall Promptly Correct Such Defect. Service Call (By Factory Qualified Representative) During The Warranty Period For Repairs Or Other Maintenance Shall Be Answered Within 24 Hours And Shall Be Done At No Expense To The State. All Repairs Shall Be Done As Soon As Possible.
- 2. All Traffic Signal Work Shall Conform To The Requirements Of The "Manual On Uniform Traffic Control Devices For Streets And Highway", Federal Highway Administration (2000) And Amendments.
- 3. After Installing The Traffic Signal System, The Contractor Shall Apply Grease To All Parts Of The Traffic Signal System (i.e., Fittings, Brackets, Nipples, Elbows, Screws, Signal Head Assemblies, Bolts, Hinges, Etc.) As Directed By The Traffic Signal Inspector, To Prevent Rust And Corrosion. The Grease Material Shall Be Approved By The Signal Inspector.
- 4. Connecting Into Existing Traffic Signal System And Marking All Necessary Adjustments Shall Not Be Paid For Separately, But Considered Incidental To The Various Traffic Signal Contract Items.
- 5. The Contractor Shall Notify The Traffic Control Branch,
 Department Of Transportation Services, City & County Of
 Honolulu, (Phone No. 523-4589) Three (3) Working Days Prior
 To Commencing Any Work On The Traffic Signal System.
- 6. The Department Of Transportation Services, City & County Of Honolulu, Will Assist The Engineer In Construction Inspection For The Traffic Signal System.
- 7. The Traffic Signal System Shall Be Kept Operational During Construction. Any Relocation Required Shall Be Approved By The Traffic Control Branch, Department Of Transportation Services, And Paid For By The Contractor.
- 8. The Contractor Shall Be Responsible For Any Damages To The Existing Traffic Signal Facilities, Including The Traffic Signal Interconnect System. Any And All Damages To These Facilities Shall Be Repaired By The Contractor At His Cost In Accordance With The Requirements Of The City And County Of Honolulu.
- 9. The Contractor Shall Be Responsible For Any Damages To The Existing Traffic Signal Fiber Optic Cable System. Any And All Damages To These Facilities Shall Be Repaired By The Contractor At His Cost In Accordance With The Requirements Of The City And County Of Honolulu.
- 10. The Contractor Shall Be Responsible For Any Traffic Control During Relocation Work Of The Traffic Signal System. The Contractor Shall Hire An Off-duty Police Officer For Traffic Control Work.

ELECTRICAL SYMBOL LIST				
DESCRIPTION				
Existing Traffic Signal Pullbox (Type As Noted)				
Replaced or Adjusted Traffic Signal Pullbox				
Relocated Pullbox (Type As Noted)				
Existing Traffic Signal Type I Standard With Attached Signals				
Existing Type II Traffic Signal Mast and Attached Signals				
Existing Street Light Standard				
Relocated Type I Standard With Attached Signals				
New Pedestrian Pushbutton				
Note Indicator				
Detail Indicator: Top Half Denotes Detail Number, Bottom Half Denotes Sheet Number				
New Traffic Signal Duct				
New Street Light Duct				
Denotes Street Light Pullbox				
Denotes Traffic Signal Pullbox				
Denotes Street Light				
Denotes Traffic Signal				



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

PROJECT ENGINEER for ECS, Inc.

APRIL 30, 2004

EXPIRATION DATE OF THE LICENSE

Date	Revision

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ELECTRICAL SYMBOL LIST

TRAFFIC SIGNAL NOTES

PEDESTRIAN FACILITIES and ADA COMPLIANCE
At Various Locations On Oahu, Phase II
Federal Aid Project No. CMAQ-0300(87)

Scale: As Noted Date: August, 20

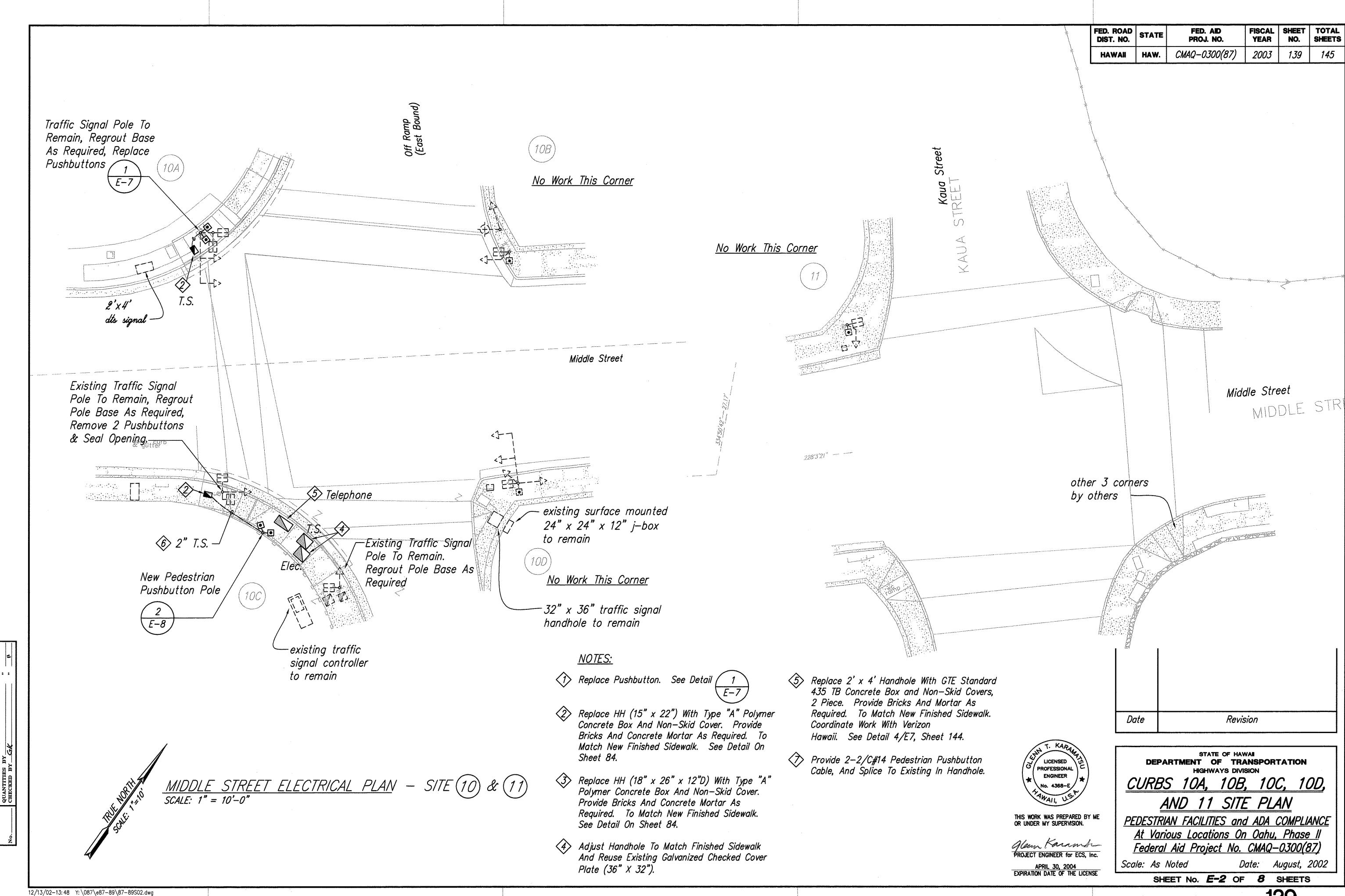
As Noted Date: August, 2002
SHEET No. E-1 OF 8 SHEETS

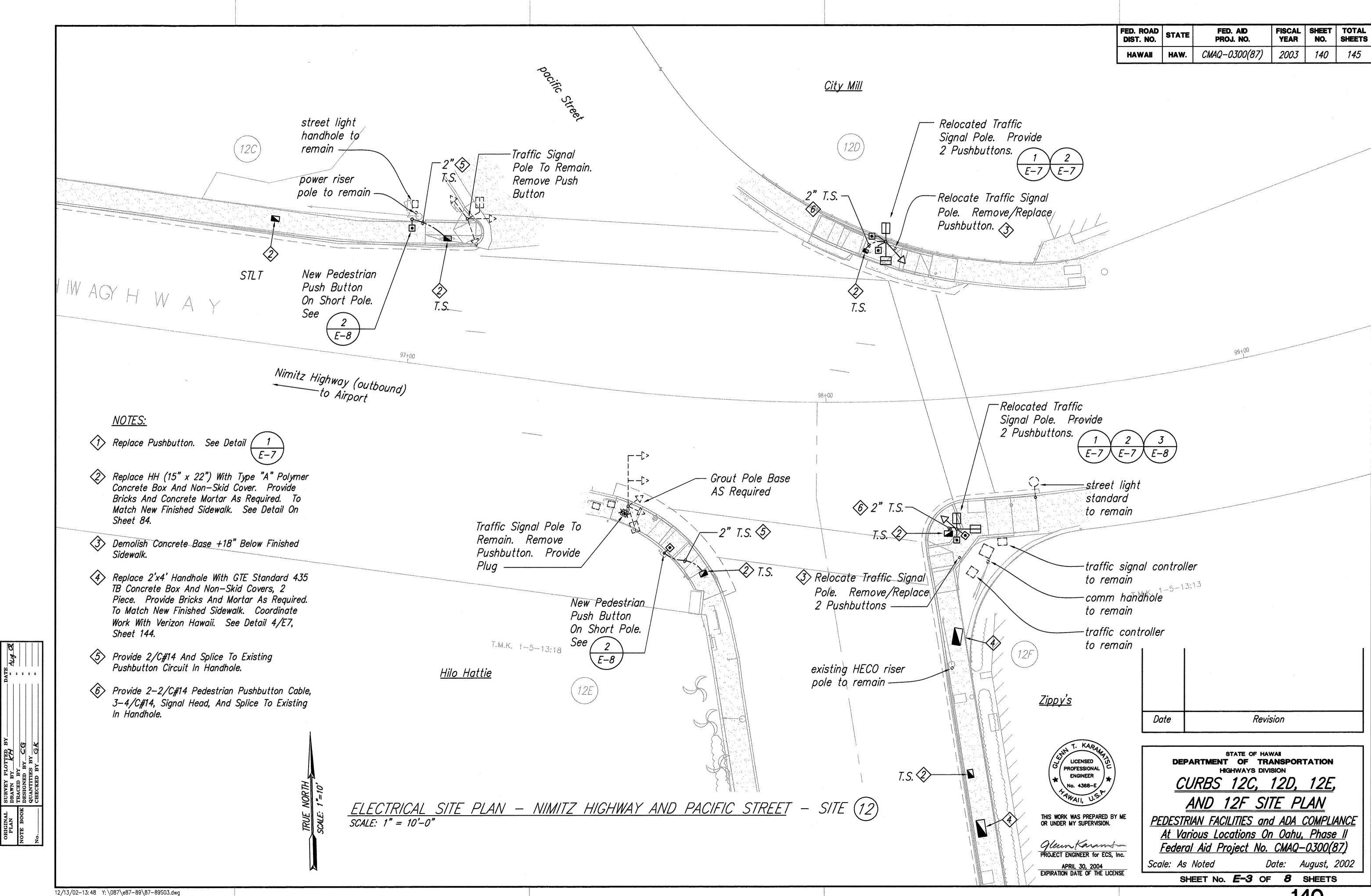
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 SURVEY PLOTTED BY
 DATE

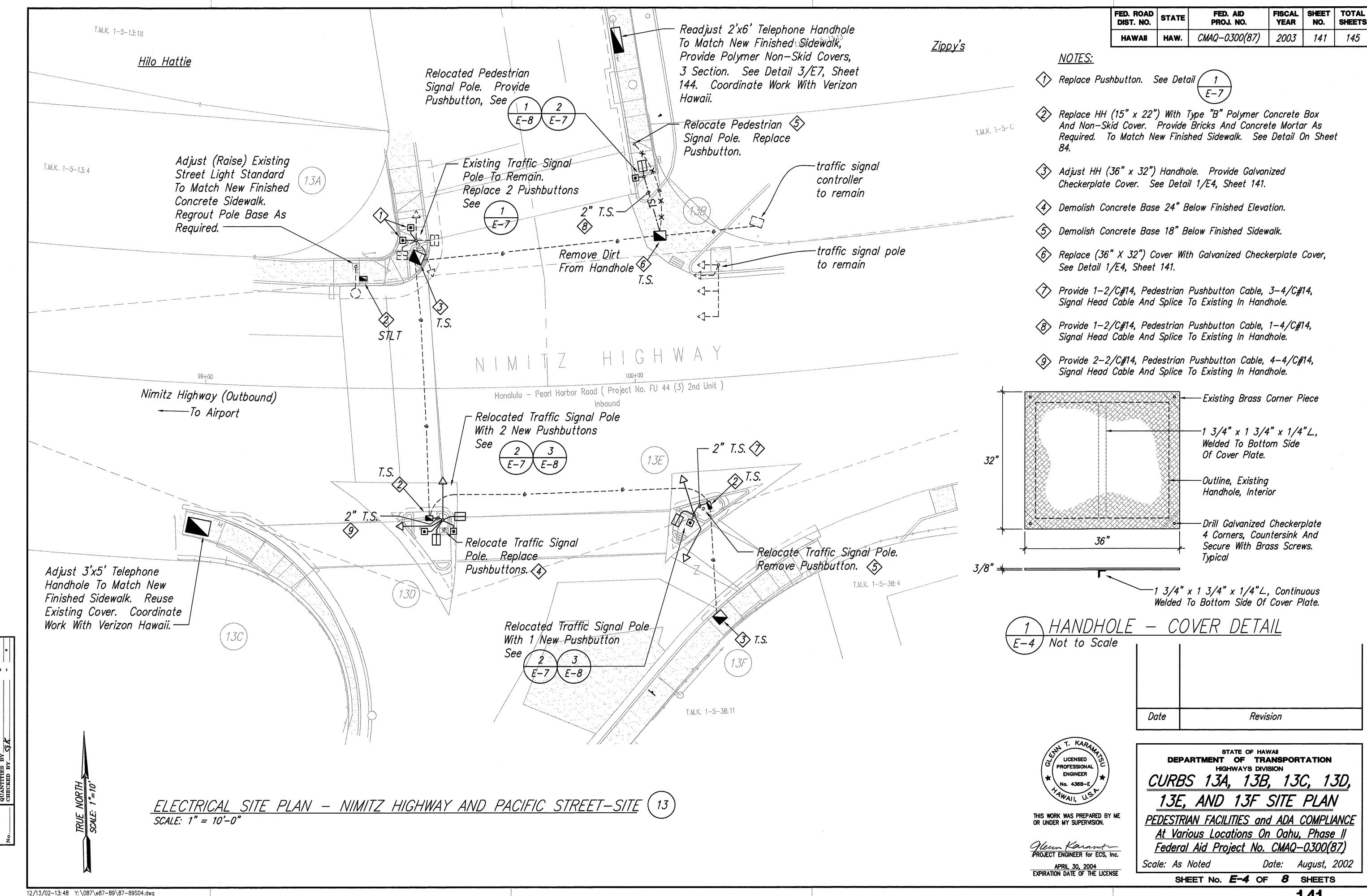
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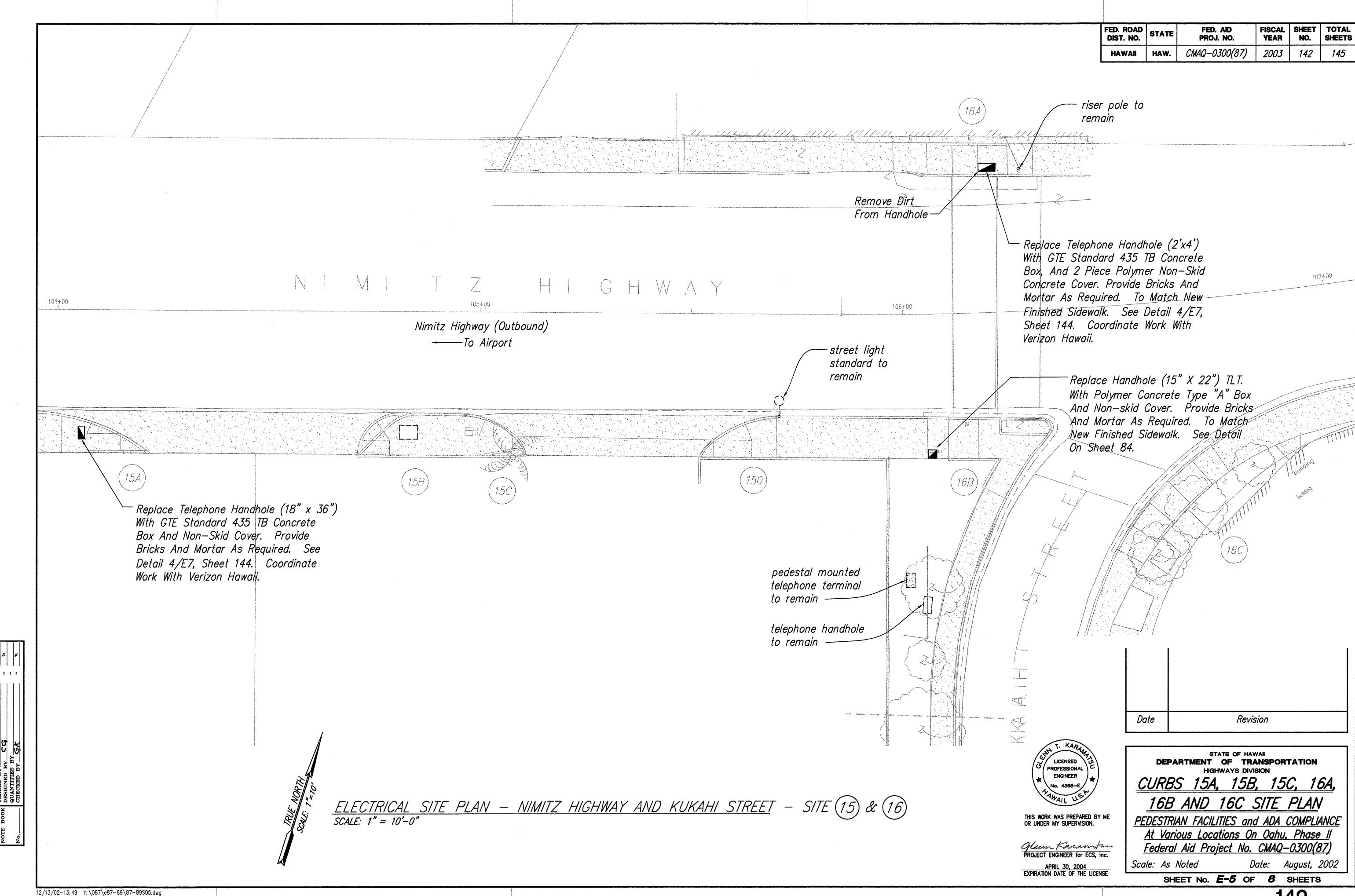
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 TRACED BY
 CG
 " GUANTITIES BY

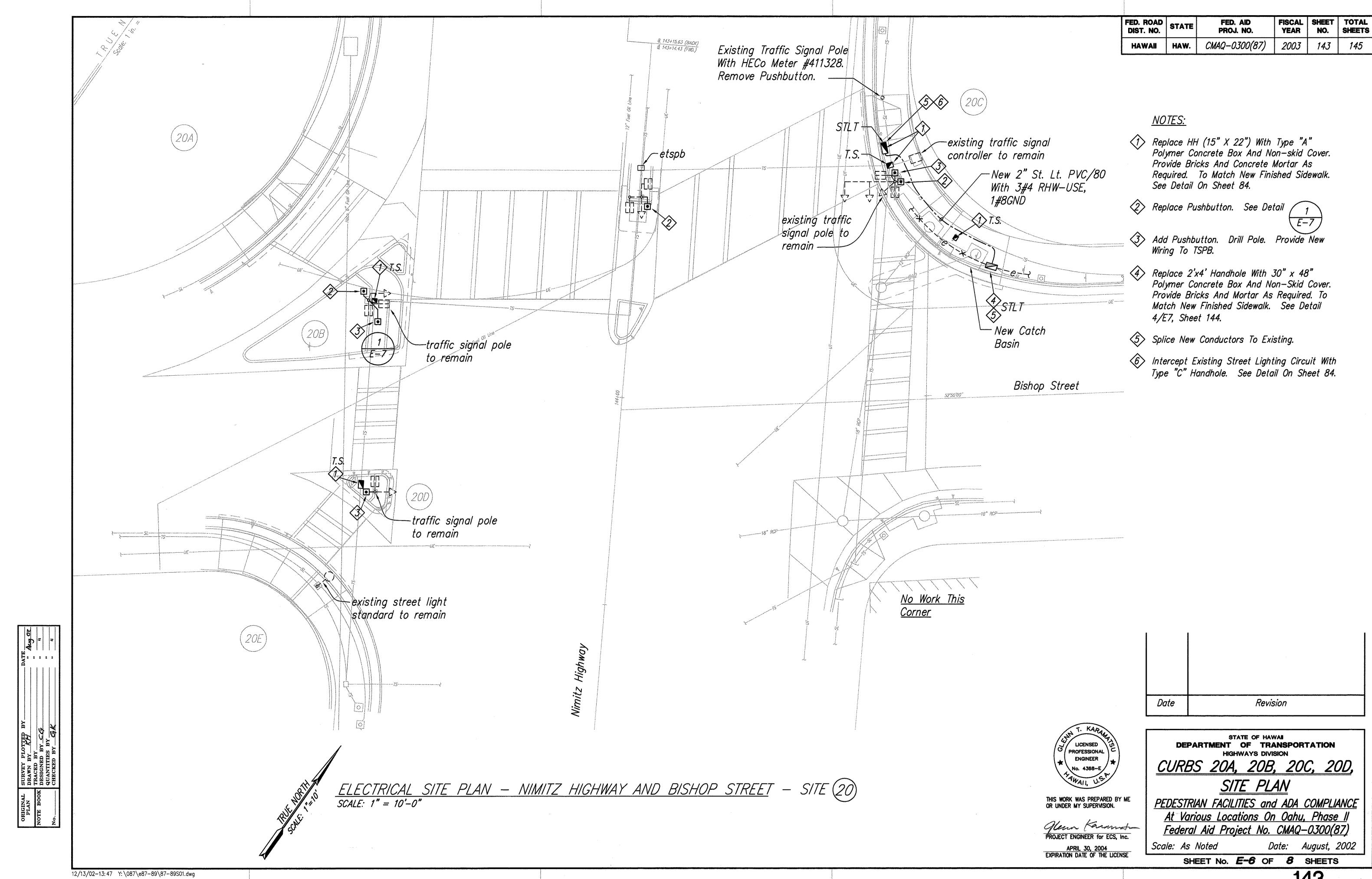
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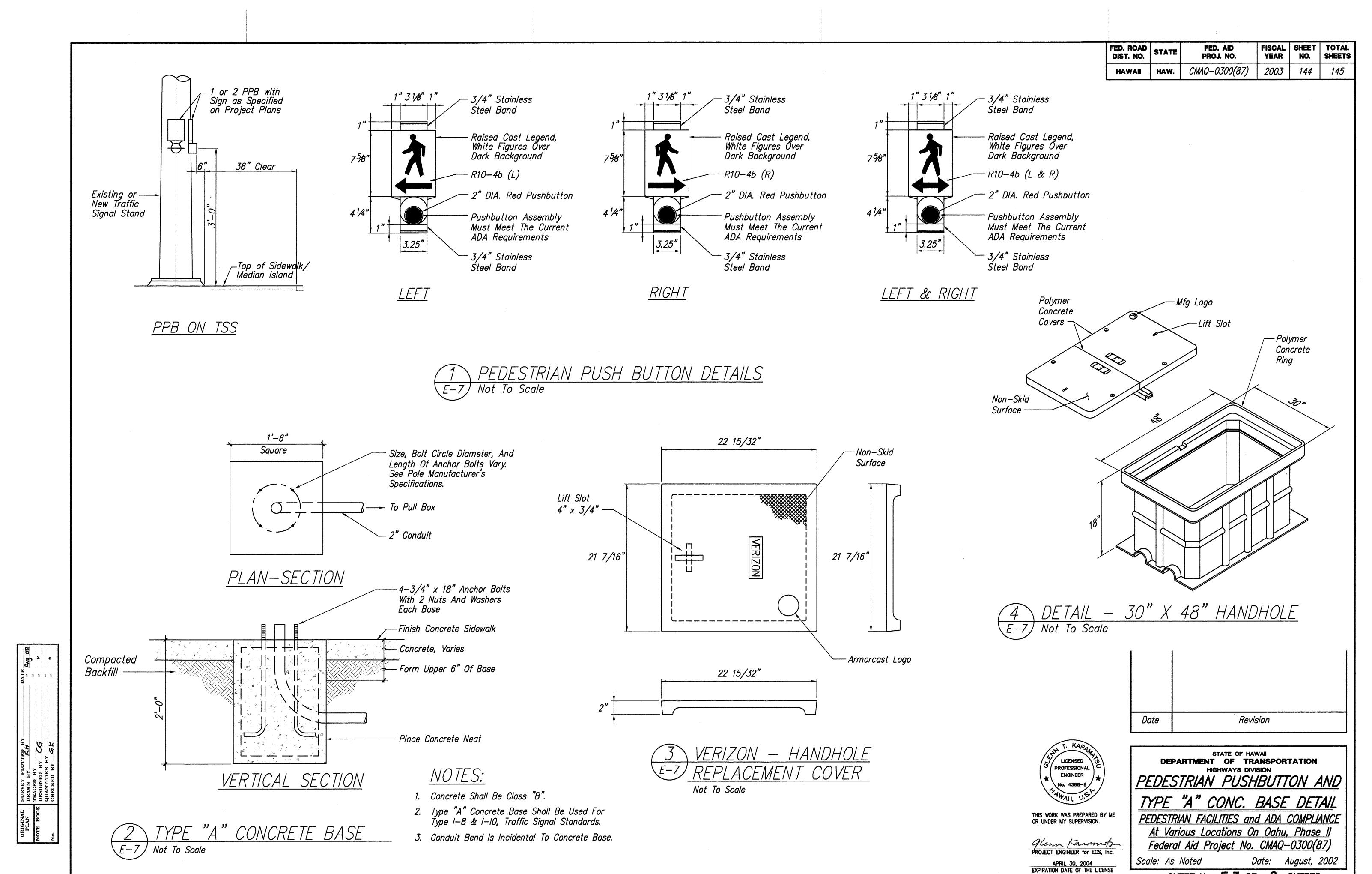








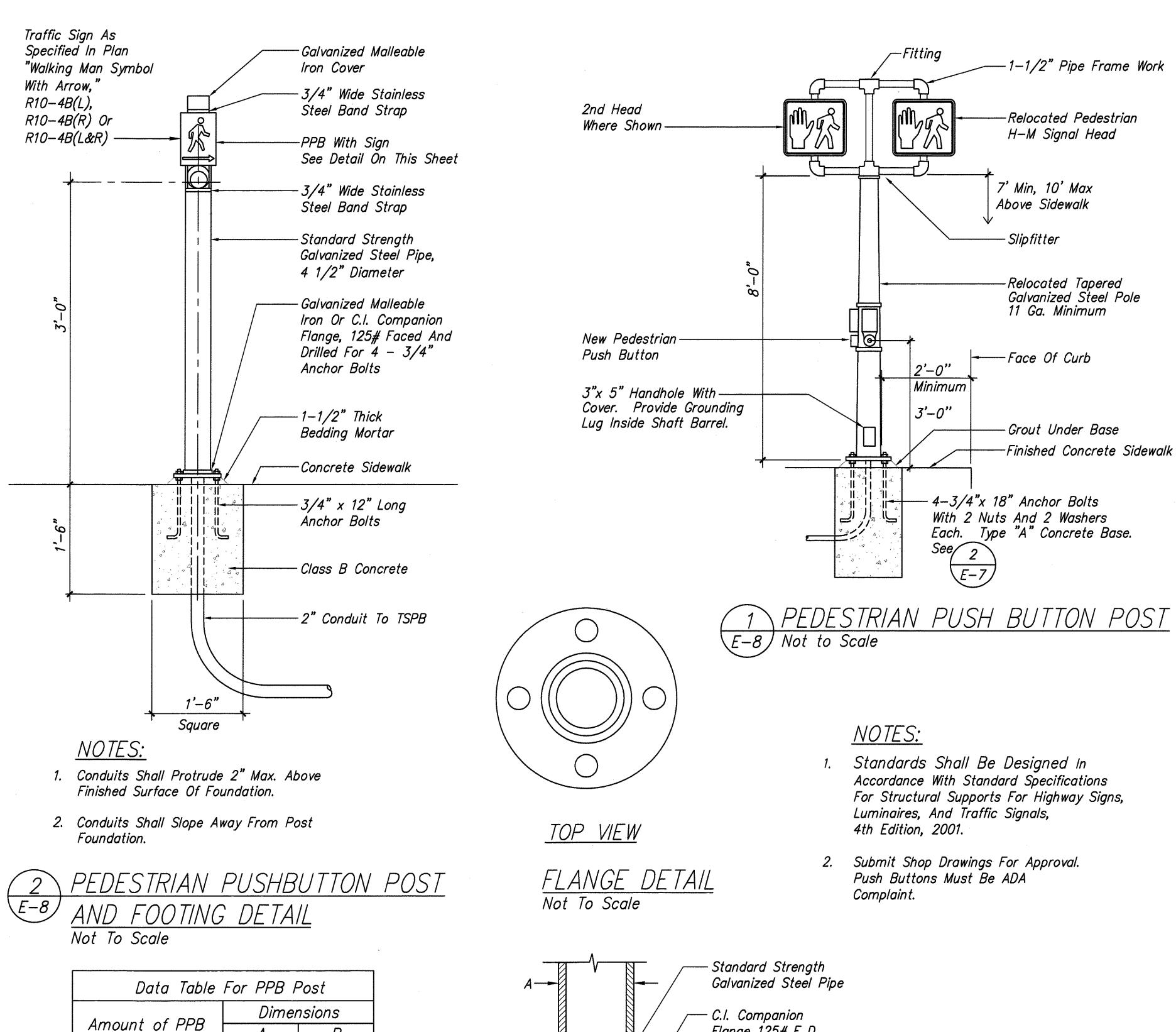




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144

SHEET No. E-7 OF 8 SHEETS



1 1/2" Pipe Frame -Vehicular Signal Face, Typical 1 1/2" Pipe Frame 4 1/2" SLIP -Pedestrian Signal Fitter Head Pole Plate With 2-3/4" Wide Adjustable Band Relocated/ Existing Pole Pedestrian Pushbutton 3" x 5" Handhole With Cover. Provide -Grout Grounding Lug Inside Underbase Shaft Barrel **477** Type "A" Concrete Base 2 E-7) NOTE: See Plan For Actual Number Of Heads And Pushbutton. 3 TYPE | TSS DETAIL E-8) Not to Scale Date Revision STATE OF HAWAII DEPARTMENT OF TRANSPORTATION LICENSED PROFESSIONAL

ENGINEER

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

PROJECT ENGINEER for ECS, Inc.

APRIL 30, 2004

EXPIRATION DATE OF THE LICENSE

FED. ROAD STATE

HAWAII

HAW.

FED. AID PROJ. NO.

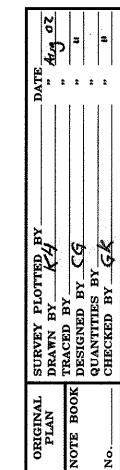
CMAQ-0300(87)

FISCAL SHEET TOTAL YEAR NO. SHEETS

145

2003

- Standards Shall Be Designed In Accordance With Standard Specifications For Structural Supports For Highway Signs,
- Submit Shop Drawings For Approval.



SECTION

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 $1 \rightarrow 2$

4 1/2"

Date: August, 2002

HIGHWAYS DIVISION

PEDESTRIAN PUSHBUTTON POST

AND TYPE I T.S.S. DETAILS

PEDESTRIAN FACILITIES and ADA COMPLIANCE

At Various Locations On Oahu, Phase II

Federal Aid Project No. CMAQ-0300(87)

Scale: As Noted