

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	NH-083-1(49)	2003	C.O. 28	78

General Notes for Traffic Control:

1. Traffic control signs shall be removed or covered during non-construction periods.
2. "ROAD WORK AHEAD" (CW20-1D/48"x48") and "END ROAD WORK" (CG20-2/60"x24") signs with two posts shall be provided at the beginning and end of the project. The Engineer will consider the cost as included in the price of the various bid items.
3. Construction signs shall become the property of the State at project completion.

Notes for Median Barrier Traffic Control:

1. This traffic control plan will be implemented during the construction of the new concrete barriers.
2. Temporary portable concrete barriers will be State furnished. Contractor is responsible for arranging to pick up from and return the barriers to the State facility. Contractor shall also be responsible for transporting the barriers to the project site, and returning the barriers to the State facility.
3. Place temporary portable concrete barriers on median adjacent to new concrete barrier after construction of new concrete barrier is completed or when lanes are to be opened to traffic.
4. No more than one (1) traffic lane shall be closed to traffic at any time.
5. Pedestrian access to sidewalks shall be provided at all times.
6. Traffic control signs in median shall be attached to existing light poles.
7. The Engineer will consider the cost of crash cushion barrels, and relocation as included in the price of the various contract items.
8. Cover Speed Limit (R2-1(35)) prior to removal of existing pavement markers and striping. [1]
9. Cover Bike Sign (R3-17) from Kulukeoe Street to Keahala Road and Kauhupa Street to Haiku Road and install temporary Bike Sign (CW11-1) and Share The Road Sign (CW16-1) [1]
10. Remove existing pavement markers and striping and install temporary pavement markers and striping within the following limits: [1]

Sta. 18+90± to Sta. 29+20± (Northbound)  
Sta. 49+70± to Sta. 59+80± (Northbound)  
Sta. 18+90± to Sta. 30+00± (Southbound)  
Sta. 50+57± to Sta. 59+80± (Southbound)

11. After completion of the concrete median barriers, remove temporary pavement markers and striping for the Traffic Control Plan and install permanent pavement markings and striping from Kulukeoe Street to Keahala Road, and Kauhupa Street to Haiku Road for the Northbound and Southbound lanes. [1]
12. After permanent pavement markers and striping are installed, remove temporary Bike Sign (CW11-1) and Share the Road Sign (CW16-1) and uncover Bike Sign (R3-17). [1]

Notes for Curb Ramp & Water Connection Traffic Control:

1. Cones or delineators shall be installed at 10' O.C. max in work area, and 25' O.C. max along tapers and tangents.
2. Minimum width of traffic lane through work area is 10'.

Notes for Curb Ramp & Water Connection Traffic Control:

1. Cones or delineators shall be installed at 10' O.C. max in work area, and 25' O.C. max along tapers and tangents.
2. Minimum width of traffic lane through work area is 10'.
3. Sidewalks shall be closed appropriately during sidewalk and shoulder work

For continuation, see Landscape dwgs.

Core through Existing Catch Basin Wall

Stainless Steel Brackets w/ Screws (typ.)

90° Angle

90° Elbow

1 1/4" PVC Pipe support & brackets at 5'-0" o.c.

Ø E/24" Culvert

PLAN

Scale: 1/2" = 1'-0"

SECTION "A-A"

Scale: 1/2" = 1'-0"

LEGEND:

Existing Concrete Barrier

New Concrete Barrier

Temp Portable Concrete Barrier

Existing Street Lighting

Sign

Cone or Delineator

Police Officer/Flagger

Flashing Arrow Signal

Type II Barricade

Traffic Control Device For Barrier Work Between Kulukeoe and Keahala Sts, East (B1)

Traffic Control Device For Barrier Work Between Kulukeoe and Keahala Sts, West (B2)

Traffic Control Device For Barrier Work Between Kauhupa St and Haiku Rd, East (B3)

Traffic Control Device For Barrier Work Between Kauhupa St and Haiku Rd, West (B4)

Traffic Control Device For Waterline Work At Kulukeoe-Kahekili Intersection (W1)

Traffic Control Device For Waterline Work Between Kauhupa St and Haiku Rd, West (W2)

Traffic Control Device For Waterline Work Between Kauhupa St and Haiku Rd, East (W3)

Chief, Traffic Review Branch, DPP  
(For work within City R/W only)

Date

12/17/04 [1] New Sheet. Moved Traffic Notes and Legend. Added Notes

DATE REVISIONS

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

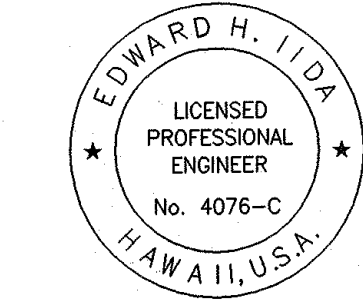
TRAFFIC CONTROL NOTES & LEGEND

KAHEKILI HIGHWAY LANDSCAPING  
Kulukeoe Street to Vicinity of Haiku Road  
Federal Aid Project No. NH-083-1(49)  
Scale: As Noted Date: Apr. 2002

SHEET No. 6 OF 6 SHEETS

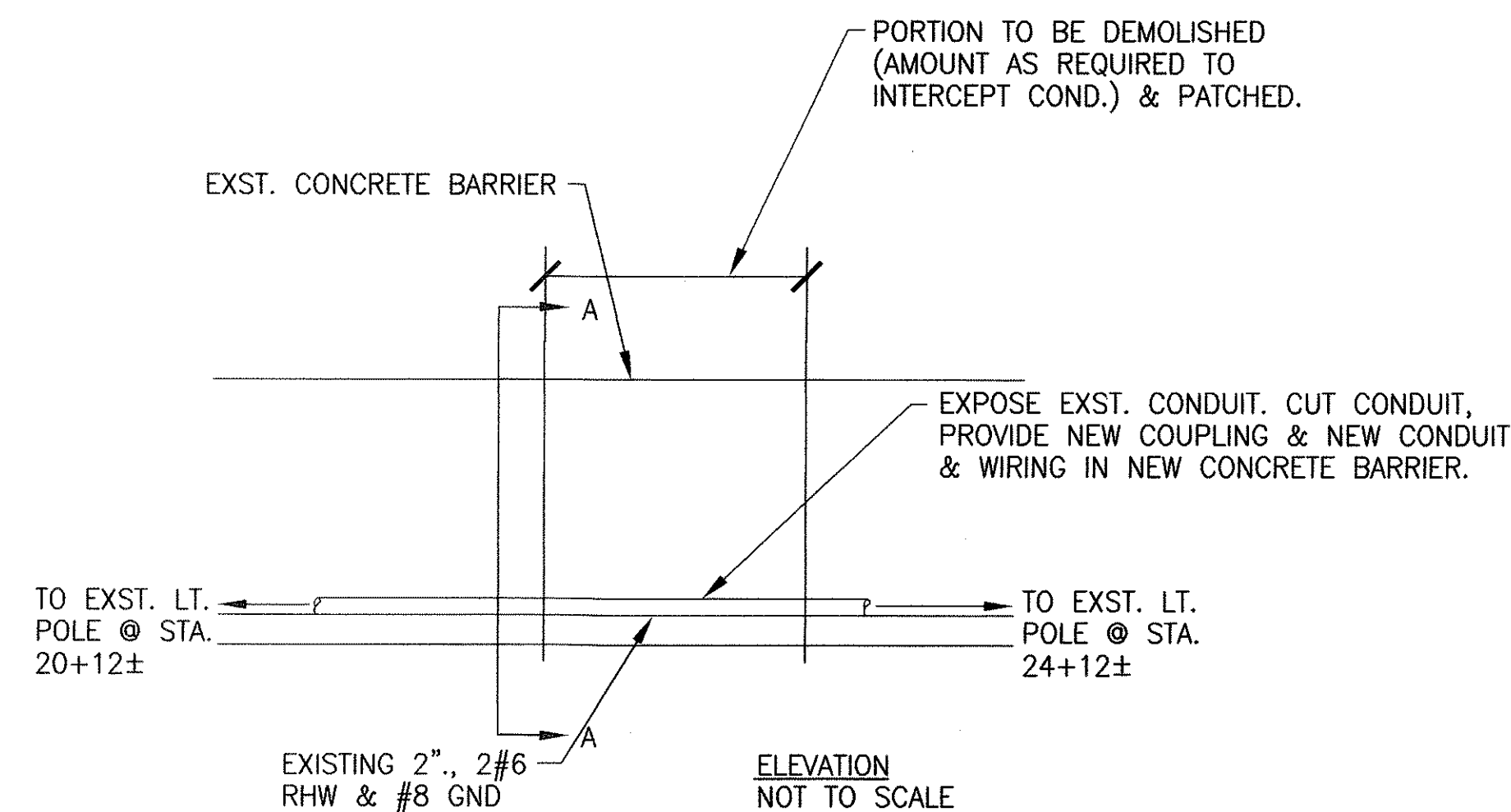
C.O. 28

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	12/02
DRAWN BY	12/02
DESIGNED BY	12/02
CHECKED BY	12/02
NOTED BY	12/02
NO.	

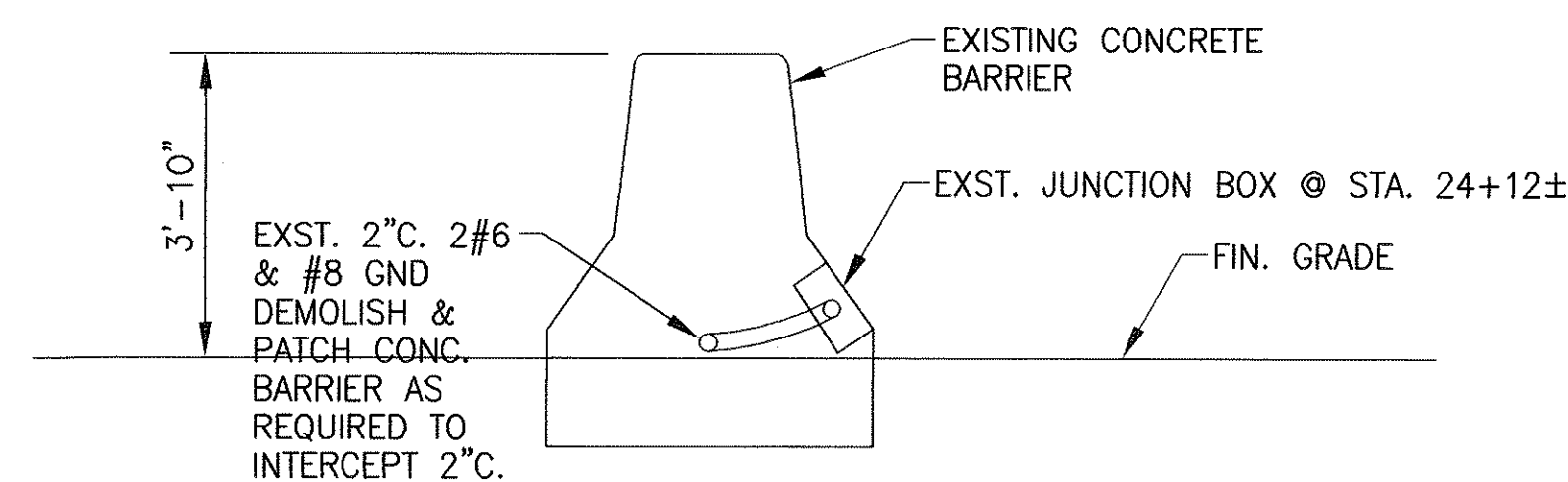


This work was prepared by me or under my supervision and construction of this project will be under my observation. (Observation of construction as defined in Chapter 16-115, Subchapter 1, Definitions of the Hawaii Administrative Rules, "Professional Engineers, Architects, Surveyors, and Landscape Architects.")  
signature 4/30/2004  
expiration date of the license  
NOTE: Contractor to check and verify dimensions at job before proceeding with work.

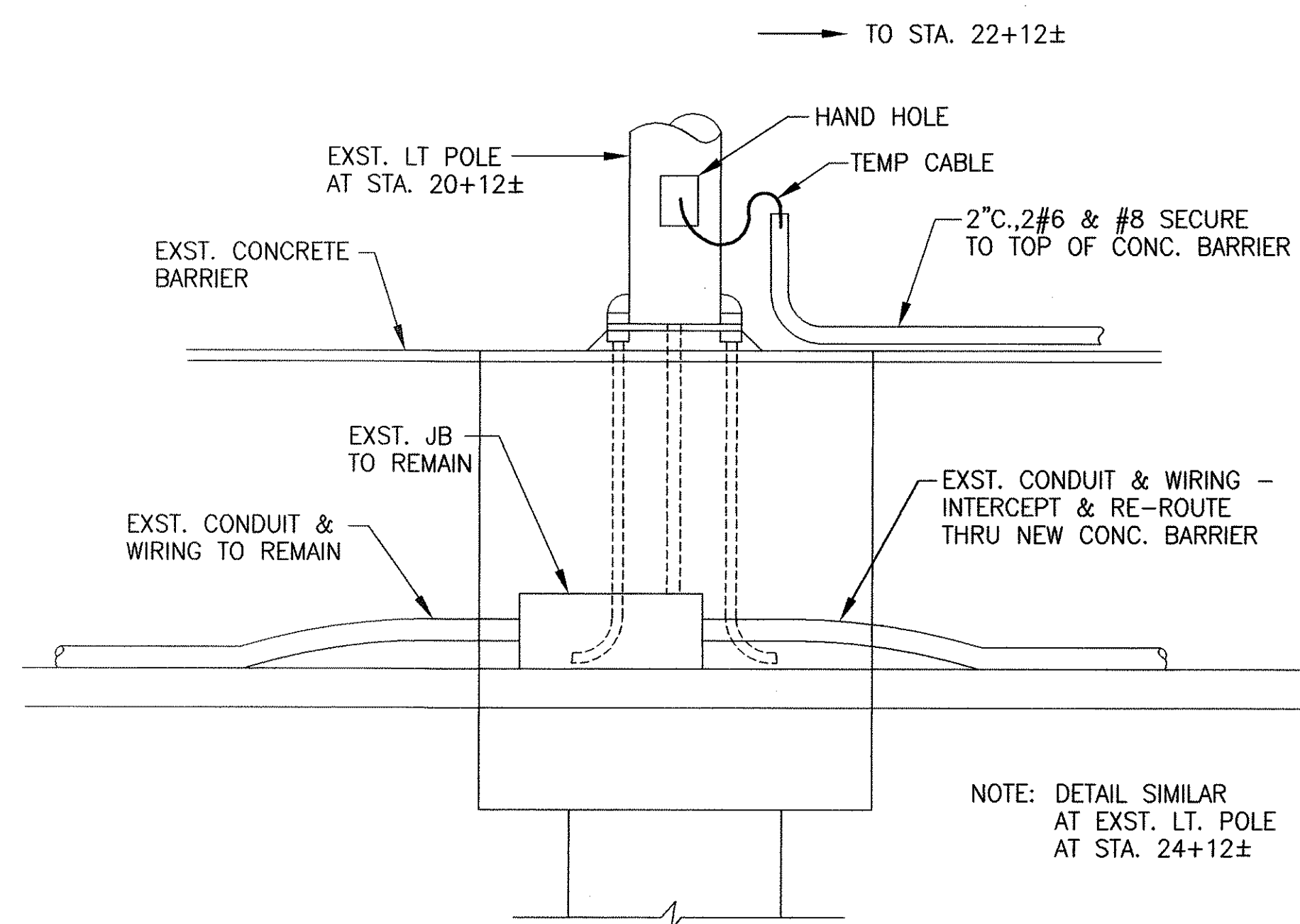
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
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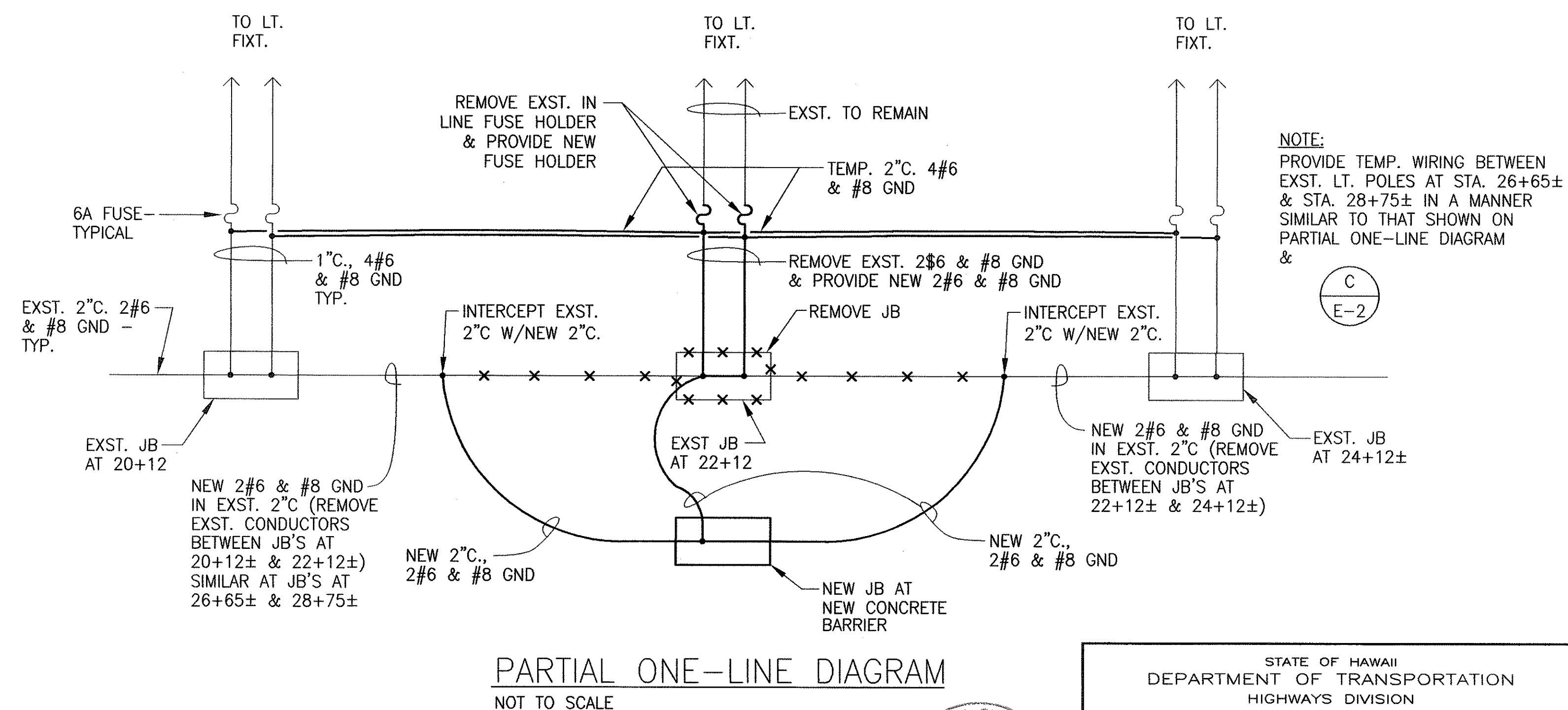
A  
E-2  
EXISTING CONDUIT CONNECTION DETAIL  
NOT TO SCALE



B  
E-2  
REVISED CONNECTION DETAIL  
NOT TO SCALE



C  
E-2  
TEMPORARY WIRING DETAIL  
NOT TO SCALE



PARTIAL ONE-LINE DIAGRAM  
NOT TO SCALE



This work was prepared by  
under my supervision  
Okano Consulting Electrical Engineers  
Expiration Date of the License

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
DETAILS, PARTIAL ONE-LINE DIAGRAM  
  
KAHEKILI HIGHWAY LANDSCAPING  
Kuluokeole Street to Vicinity of Haiku Road  
Federal Aid Project No. NH-083-1(49)  
Scale: As Noted Date: Apr. 2002  
SHEET No. 2 OF 2 SHEETS