

**BEGIN PROJECT**  
Project No. 3400B-02-98  
Sta. 31+00

STA. 31+00 O/S 24' LT.  
Begin Guardrail  
1-SRT-350  
(See Detail Sht. 6)

Single Metal Guardrail  
(See Std. Detail TE-50 & 51)

STA. 37+95  
Install Rubrail, L = 50'  
(See Std. Detail TE-54)

TRUE NORTH  
SCALE: 1" = 40'

WAIEHU BEACH ROAD

30+00 35+00 40+00

To Waihee

Makaala Dr.

P.C. Sta. 35+73.39

Kealii Dr.

M.L. STA. 41+00

**CURVE DATA**  
Δ = 2°08'00"  
R = 22,759.74  
T = 423.76  
C = 847.38  
Lc = 847.43

Adjust top of exist'g SMH as required

|           |      |             |      |     |
|-----------|------|-------------|------|-----|
| DIST. NO. | DATE | PROJECT     | YEAR | NO. |
| HAWAII    | HAW. | 3400B-02-98 | 1999 | 6   |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

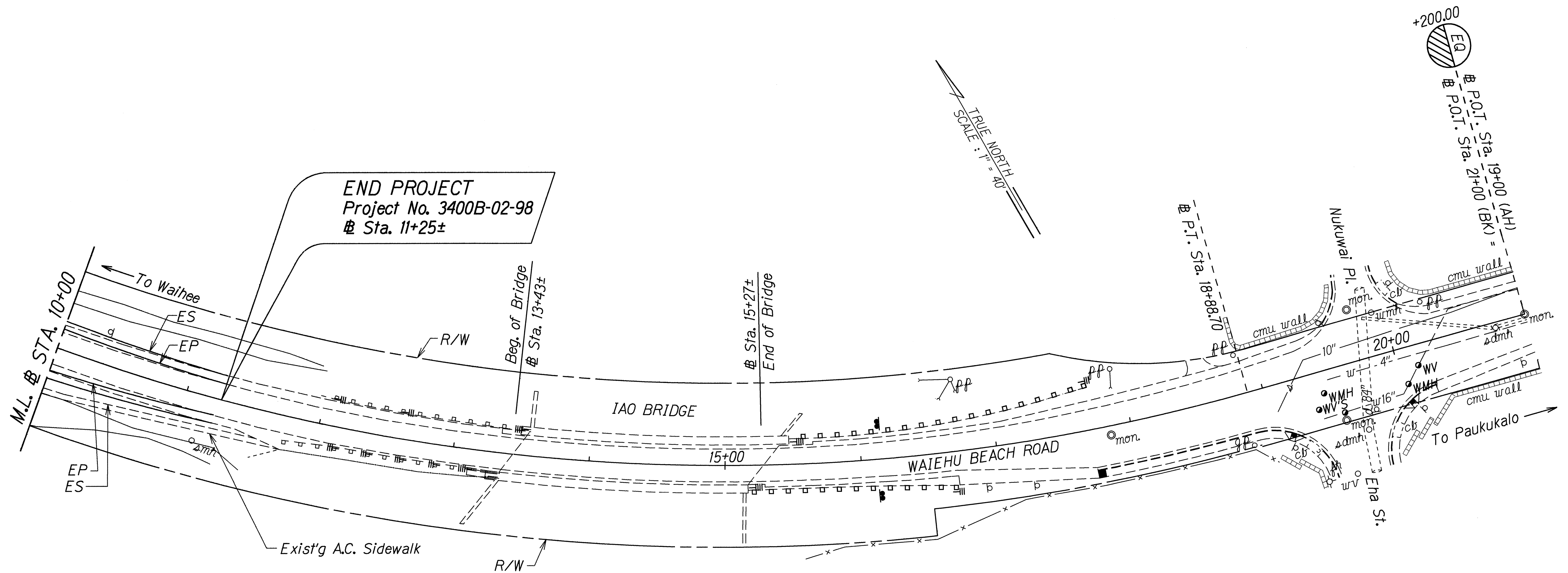
**ROADWAY PLAN**

**WAIIEHU BEACH ROAD**  
**TWO-WAY LEFT TURN LANE**  
**Makaala Drive to Iao Stream Bridge**  
**Project No. 3400B-02-98**

Scale: 1" = 40'      Date: February, 1998

**SHEET No. 1 OF 2 SHEETS**

| FED. ROAD DIST. NO. | STATE | PROJ. NO.   | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 3400B-02-98 | 1999        | 7         | 15           |



|               |                   |           |
|---------------|-------------------|-----------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE      |
| NOTE BOOK     | DESIGNED BY       | Feb. 1998 |
|               | QUANTITIES BY     |           |
|               | CHECKED BY        |           |

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SHEET No. 2 OF 2 SHEETS