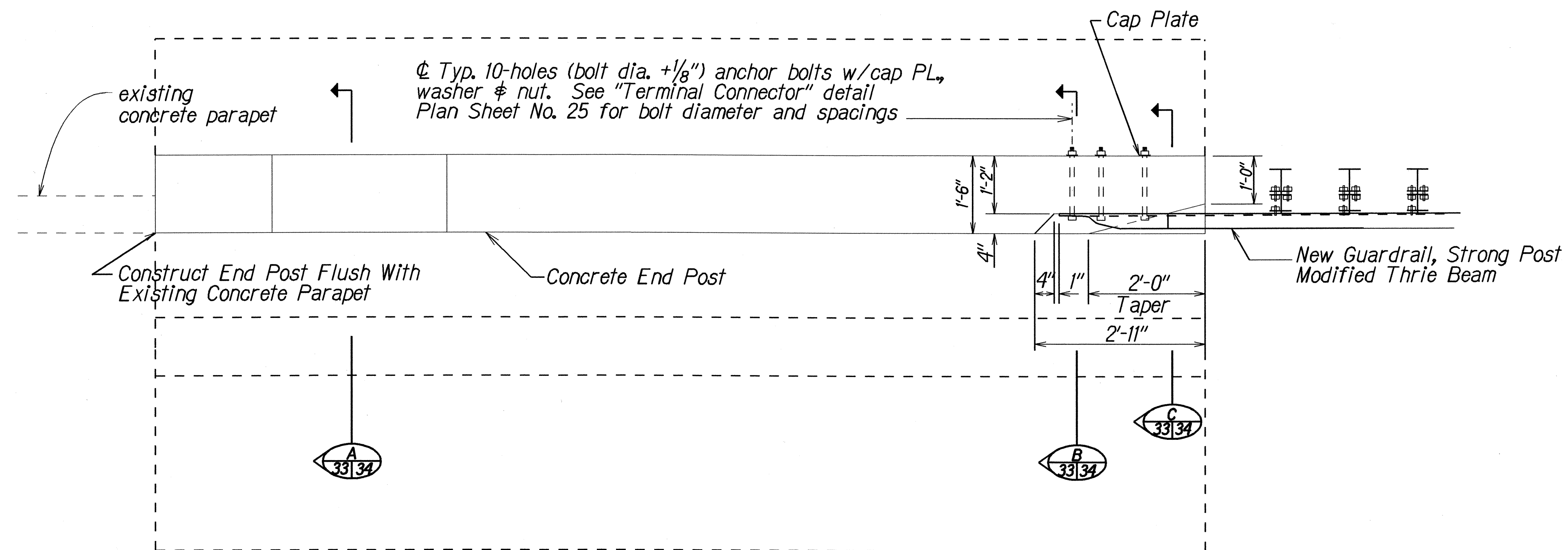
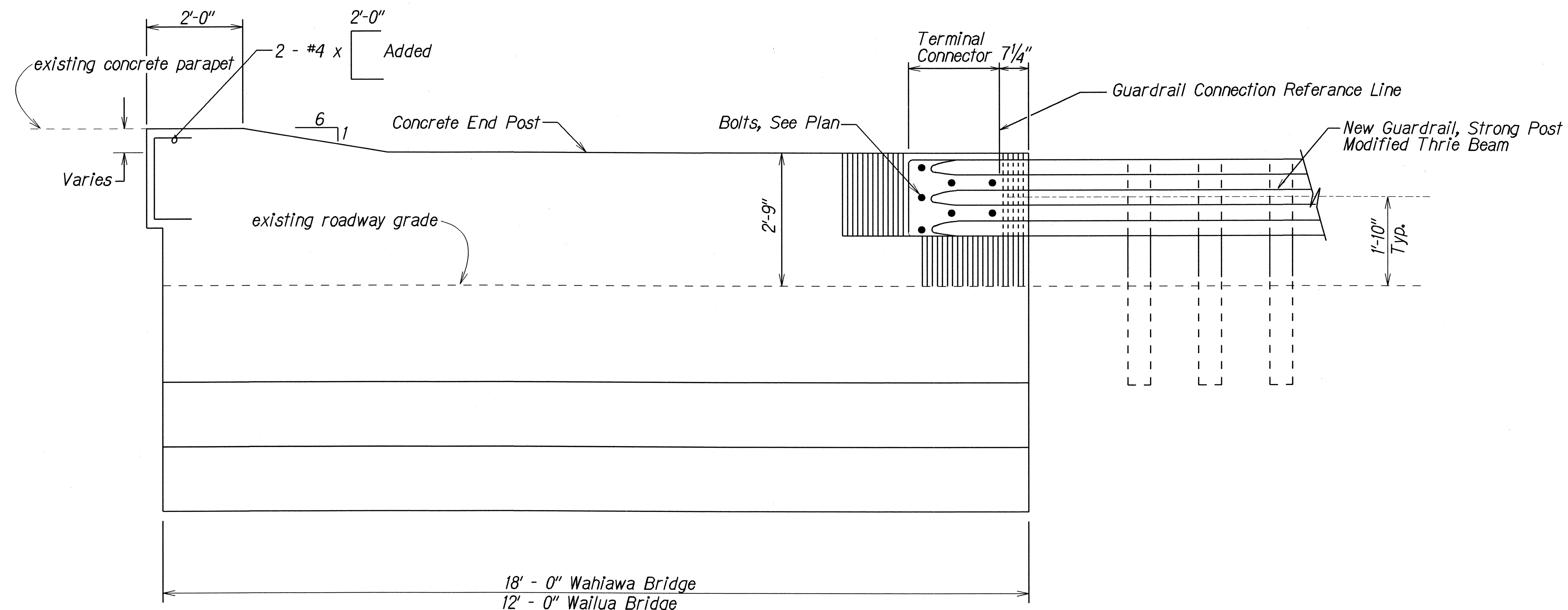


| FED. ROAD<br>DIST. NO. | STATE | FED. AID<br>PROJ. NO. | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| HAWAII                 | HAW.  | STP-050-1(24)         | 2002           | 33           | 40              |



PLAN  
Scale:  $\frac{3}{4}" = 1'-0"$



ELEVATION  
Scale:  $\frac{3}{4}" = 1'-0"$   
CONCRETE END POST

- NOTES

1. The Contractor shall be solely responsible for the protection of utilities and existing and new structures from damages due to construction. Any damage shall be repaired at the Contractor's expense to the satisfaction of the Engineer.
2. Construction of the new End Post, including excavation and backfill, shall be paid for under 507.7501 - CONCRETE END POSTS.
3. AC pavement and Aggregate Base on top of footing shall be paid for under 304.1110 - AGGREGATE BASE and 401.0500 ASPHALT CONCRETE PAVEMENT, MIX NO. IV
4. Connection of guardrail to end post shall be considered incidental to 606.5000 - GUARDRAIL, STRONG POST MODIFIED THRIE-BEAM (TRANSITION TO END POST).
5. CONCRETE  $f'_c = 3000$  psi  
REBAR  $f_s = 40$  ksi

|                     |                                        |
|---------------------|----------------------------------------|
| ORIGINAL PLAN       | SURVEY PLOTTED BY _____ DATE _____     |
| NOTE BOOK           | DRAWN BY <u>X</u> " <u>X</u>           |
| <u>ke2,jani</u>     | TRACED BY _____                        |
| <u>ikmuknslldgn</u> | DESIGNED BY <u>i.turtureci</u> " _____ |
| <u>ikmuknslldgn</u> | QUANTITIES BY _____                    |
| <u>ikmuknslldgn</u> | CHECKED BY _____                       |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CONCRETE END POST**  
**PLAN & ELEVATION**

**KAUMUALII HIGHWAY**  
**Guardrail and Shoulder Improvements**  
**Omao To Hanapepe**  
**Fed. Aid Project No. STP-050-1(24)**

Scale: As Shown Date: July 2001

SHEET No. 1 OF 1 SHEETS