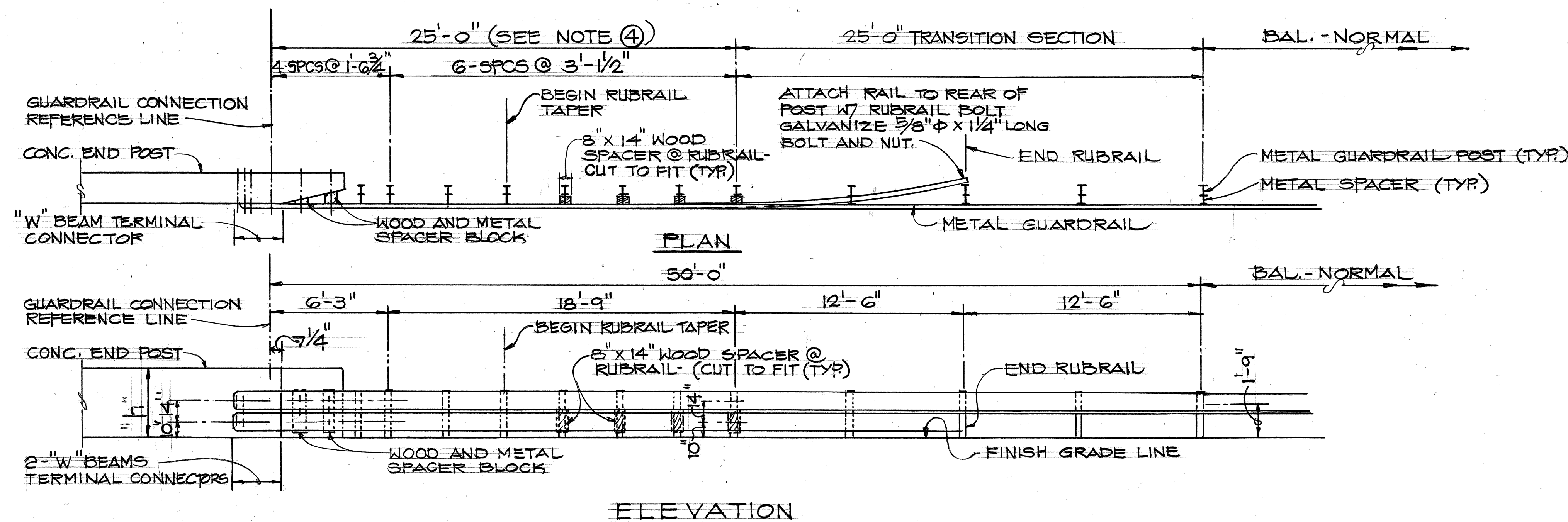
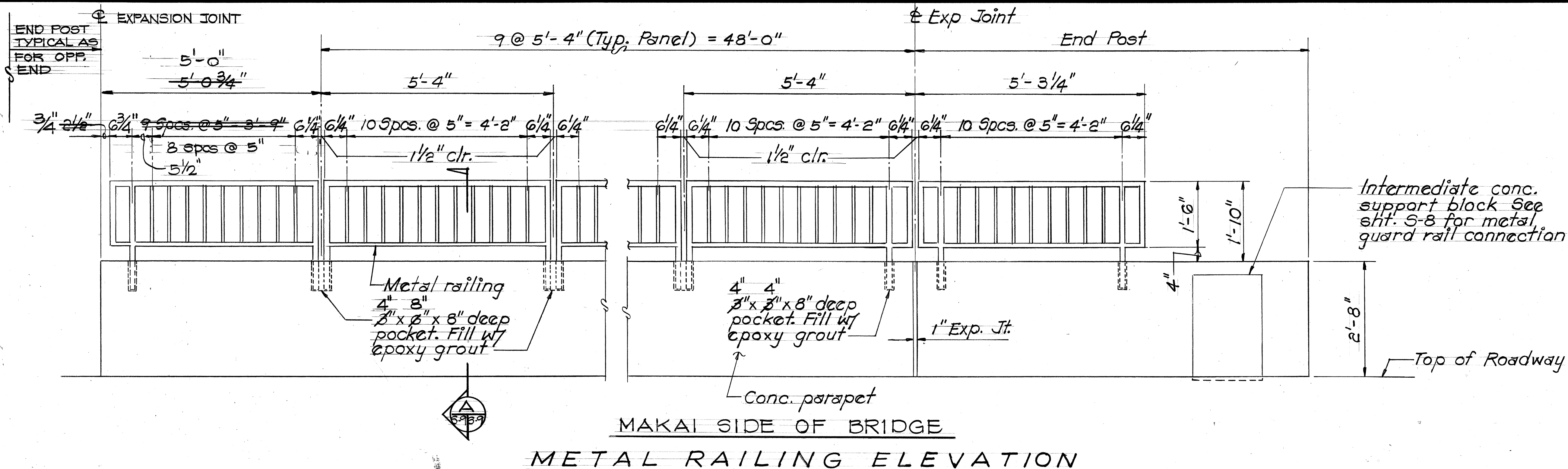




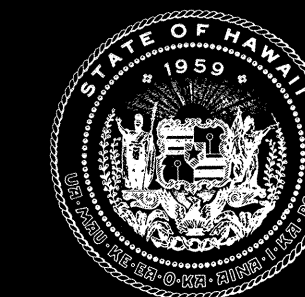
NOT TO SCALE.

SEE 5-8 FOR DETAILS OF GUARDRAIL CONNECTION TO BRIDGE.

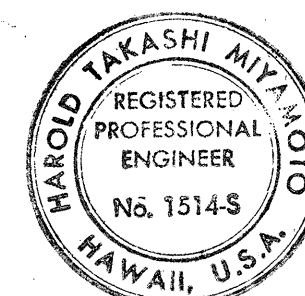
NOTES:

1. ALL ANCHOR BOLTS SHALL BE HIGH STRENGTH BOLTS CONFORMING TO THE REQUIREMENTS OF ASTM 325.
2. ALL "TERMINAL CONNECTOR" INCLUDING ANCHOR BOLTS, NUTS AND WASHER, SHALL BE GALVANIZED.
3. "TERMINAL CONNECTOR" SHALL BE FABRICATED FROM 10 GAUGE STEEL CONFORMING TO THE REQUIREMENTS OF AASHTO M180.
4. FIRST 25'-0" OF GUARDRAIL ADJOINING "TERMINAL CONNECTOR" SHALL BE OF GALVANIZED STEEL.
5. ANCHOR BOLT LENGTH SHALL BE SUCH THAT A SNUG FIT OF THE ELEMENTS AND FULL THREAD ENGAGEMENT PLUS 1/4" (MAX) IS ATTAINED.

METAL GUARDRAIL CONNECTION AT BRIDGE APPROACHES



Airports Division
DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Harold Takashi Miyamoto

DSGN. DRWN. CHKD. APPD.

L.S. F.G. V.C. H.T.M.

KEY PLAN / NOTES :

NO. DATE REVISIONS

RECORD DRAWINGS

This record drawing has been prepared, in part, based upon information furnished by others. The Engineer is thus not responsible for the accuracy of this record drawing or for any errors or omissions which may have been incorporated into it as a result.

Date: July 12, 1991

PROJECT TITLE :

HANA HIGHWAY
IMPROVEMENTS

PROJECT NO. :

STATE PROJ. NO. AM-1061-12
AIP PROJ. NO. 3-15-0006-11

SHEET TITLE :

METAL RAILING,
METAL GUARDRAIL
CONNECTION &
END POST

DATE:

OCT. 18, 1990

DWG. NO.:

5-11