

Technical drawing showing a cross-section and plan view of a curb and gutter detail. The drawing includes dimensions and material specifications for the curb, gutter, and associated components.

Dimensions:

- Horizontal dimensions: 1", 1'-1", 3", 2" 6" 2", 2", 1'-10", 2" 8" 2", 2" CLR., 2" AC., 8 1/2" 4
- Vertical dimensions: 8 1/2", 7 1/2", 4'-6", 1"

Materials and Components:

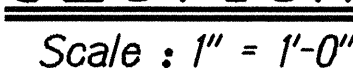
- B 2x2x3/16" (all 3 horiz.)
- TS 3x2x1/4"
- W6x25
- Thrie bm.
- #3 Cont.
- New Conc. Curb
- Rough Existing Surface
- Embed 2-5/8" Stud 7" Into Exist'g Conc.
- Neoprene Pad, typ.
- 2-PL 3/4"x5"x1'-4" Do not oversize holes.
- 2- 1 1/4" ø dia. bolt or stud
- #3 x @ 12" Embed 4" Into Existing Conc.

NOTE:

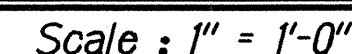
Where base PL bolts occur over a beam, set anchor studs in concrete slab with a dual cartridge epoxy adhesive or other system as accepted by the Engineer. Embed anchors to achieve ultimate stud tension capacity. See Manufacturer's Specifications (min. depths shall be 15" for 1 1/4"Ø).



Scale: 3" = 1'-0"



Scale : 1" = 1'-0"



Scale : 1" = 1'-0"



Scale : 1" = 1'-0"

Scale : 1" = 1'-0"

1. Where the plans call for reinforcement bars or bolts to be embedded or anchored into existing concrete, see Special Provisions Section 656 - Concrete Retrofit for use of adhesive anchors.
2. Where the plans call for placing fresh plastic concrete against existing concrete, see Special Provisions Section 656 - Concrete Retrofit for the use of bonding agent.
3. Concrete curb shall be considered incidental to 606.5002 - GUARDRAIL, STRONG POST MODIFIED THRIE-BEAM w/ BASE PLATE.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
LAWAI BRIDGE METAL GUARDRAIL AND
BIKEWAY METAL RAILING DETAILS
KAUMUALII HIGHWAY
Guardrail and Shoulder Improvements
Omao to Hanapepe
Fed. Aid Project No. STP-050-1(24)
Scale: As Noted Date: July 2001
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