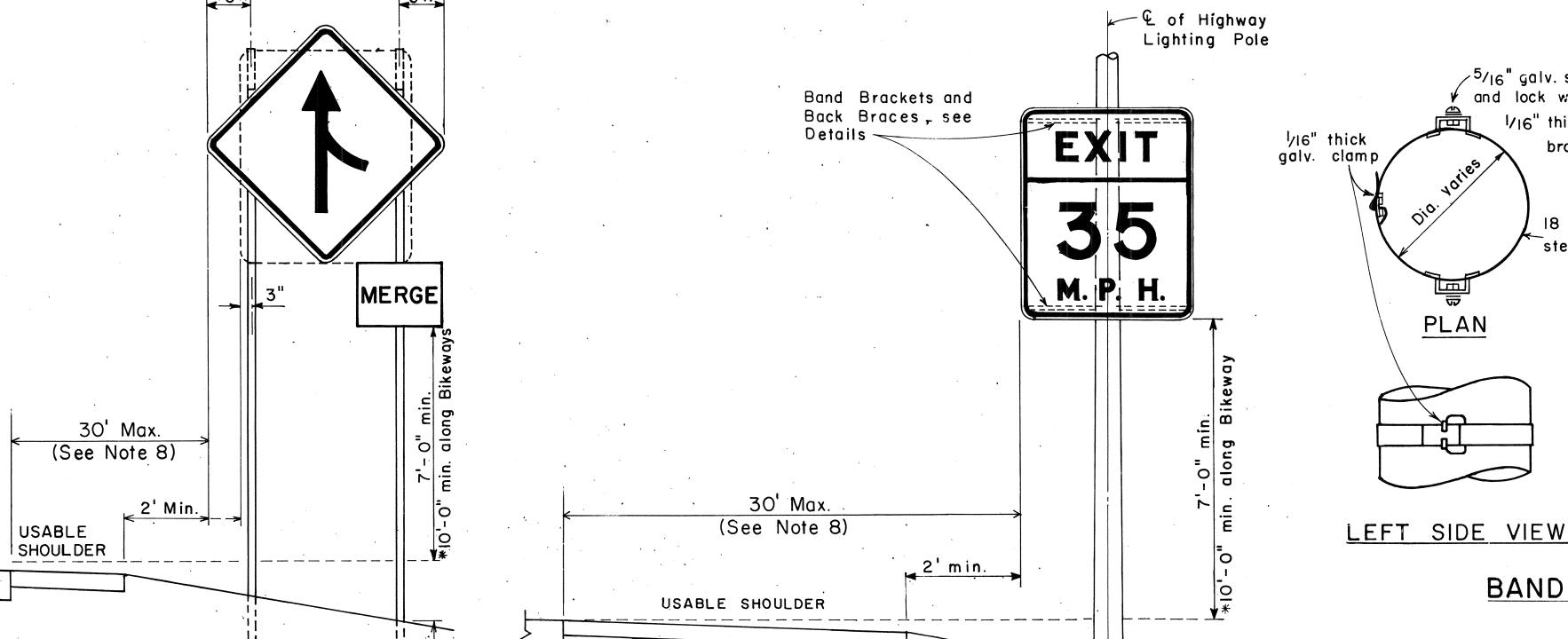


BACK BRACE DETAILS FOR BALANCED SIGN INSTALLATION

ELEVATION

GENERAL NOTES

- I. Signs 48" and wider or larger than IO sq. ft. in area shall be mounted on two sign posts.
- 2. All signs larger than 10 sq. ft. in area or 48" inches and wider, and mounted on other than two posts supports (i.e., on highway lighting poles) shall have at least two sets of band brackets and back braces.
- 3. All signs 28 sq. ft. in area or larger and mounted on other than two posts supports (i.e., on highway lighting poles) shall have at least three sets of band brackets and back braces.
- 4. All parking restriction signs with arrows shall be mounted 45° to the line of traffic flow.
- 5. Sign posts shall extend 31/2" above sign where required for City and County street name signs.
- 6. (R) or (L) indicates right or left and shall be as shown on the plans.
- *7. See plans for special details.
- 8. When clear roadside recovery areas are provided, Signs shall be placed as far from the edge of traveled way as possible up to a maximum of 30 feet. When possible they shall be placed in protected locations.
- 9. Signs in medians shall be placed at midpoint of median up to a maximum distance of 30 feet from the edge of traveled way. When appropriate, signs for opposing directions shall be placed back to back.



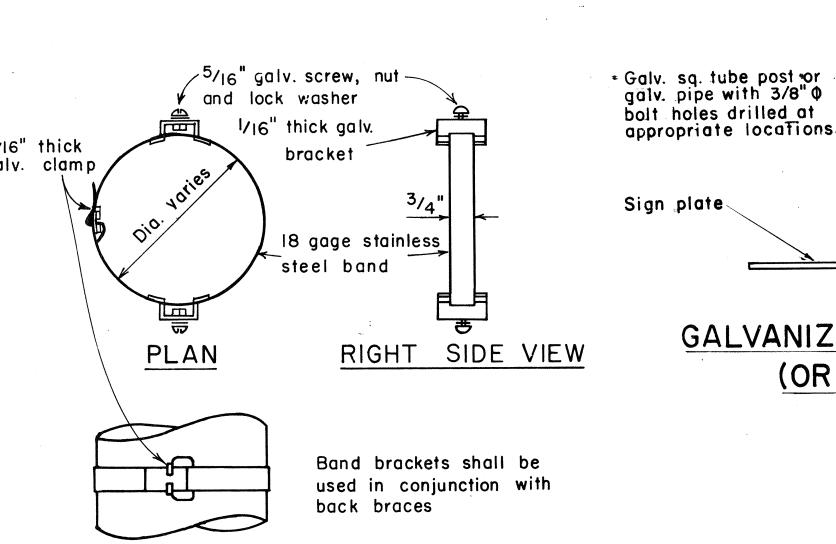
LOCATION OF

INSTALLATION

LATERAL

TYPICAL

SIGNS



BAND BRACKET

TYPICAL MOUNTING DETAILS

NOT TO SCALE

| NO. | REVISION | APPROVED BY | DATE |
|-----|---|----------------|----------|
| l | Supercedes Sht. DT-100 approved 12/30/69 | H.T. | 11/15/17 |
| 2 | Revised depth of signpost | H.r. | 5/8/19 |
| 3 | Added Notes No. 8 & No. 9 | H.P. | 5/18/10 |
| 4 | Revised Gen. Note #48 Mounting Details | H.P. | 1/23/80 |
| | | | |
| | | | |

5/16" (x 3" galv. bolt, nut, lock washer & 7/8" x 0.06" stainless steel flat washer with neoprene rubber gasket

Lock washer

GALVANIZED SQUARE TUBE POST (OR GALVANIZED PIPE)

| NO. | REVISION | APPROVED BY | DATE |
|-----|--|----------------|----------|
| l | Supercedes Sht. DT-100 approved 12/30/69 | | 11/15/17 |
| 2 | Revised depth of signpost | H.T. | 5/8/19 |
| 3 | Added Notes No. 8 & No. 9 | H.P. | 5/18/19 |
| 4 | Revised Gen. Note #4 & Mounting Details | H.f. | 1/23/80 |
| | | | |
| | | | |

APPROVAL RECOMMENDED TRAFFIC ENGINEER

11/10/77 DATE

11/15/77

APPROVED:

Thurbert 2. Dal Ei shi ASSISTANT CHIEF, ENGINEERING

> STATE OF HAWAII
> DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

STANDARD DETAILS

MISCELLANEOUS SIGN DETAILS

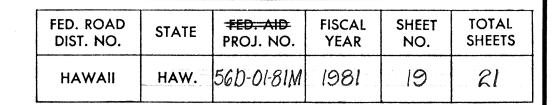
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OF 2 SHEETS DT 10 SHEET NO.

K-E ® TRAGING PAPER

HEIGHT

June, 1977





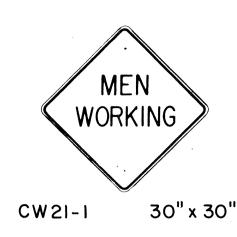








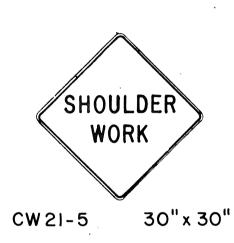














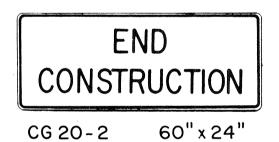






ROAD CONSTRUCTION NEXT 5 MILES

CW 22-3 42" x 36" CG 20-I(5) 60" x 36"















GENERAL NOTES

- I. Sign details shall conform to the FHWA publications "Manual on Uniform Traffic Control Devices for Streets and Highways," 1971, and "Standard Highway Signs,"1972, and as amended.
- 2. All construction signs shall be reflectorized.
- 3. All construction signs shall have 3/8" bolt holes drilled at appropriate locations.
- 4. Numerals in () indicates numerals to be inserted for sign message. (R) or (L) indicates right or left.
- 5. For "CW" series signs, suffixes a,b,c and d are as follows: a-1500 FT, b-1000 FT, c-500 FT and d-AHEAD.

| Approved 12-30-69 2 Revised General Note 1 3 Revised General Note 2 4 Revised General Note 2 | 2 Revised General Note I | | ISION | APPROVED BY | DATE |
|---|------------------------------------|--|----------------------|----------------|----------|
| Revised General Note 2 4 Revised General Note 2 4 Revised General Note 2 | Z. Movisou ochorul More i | upersedes S pproved 12-3 | nt. DT 104 0-69 | H.C. | 3/23/72 |
| 3 Revised General Note 2 4 Revised General Note 2 4 Revised General Note 2 | 3 Revised General Note 2 Mt 9- | Revised Gene | ral .Note l | 14. | 10/16/12 |
| 4 Revised General Note 2 | | evised Gene | al Note 2 | Mt | 9-16-75 |
| and sign CG20-1(5) | 4 Revised General Note 2 H. 9- | evi <mark>sed G</mark> ener nd sign CG2 | al Note 2 :0-1(5) | H.P. | 9-14-76 |

APPROVAL RECOMMENDED: Euch makes
TRAFFIC ENGINEER

3/21/72 DATE

3/23/12

DATE

ASSISTANT CHIEF, ENGINEERING

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

STANDARD DETAILS CONSTRUCTION SIGNS

NOT TO SCALE

SHEET No. 2 OF 2 SHEETS DT 104