

TYPICAL TYPE "H" EXPANSION ABUTMENT JOINT PLAN

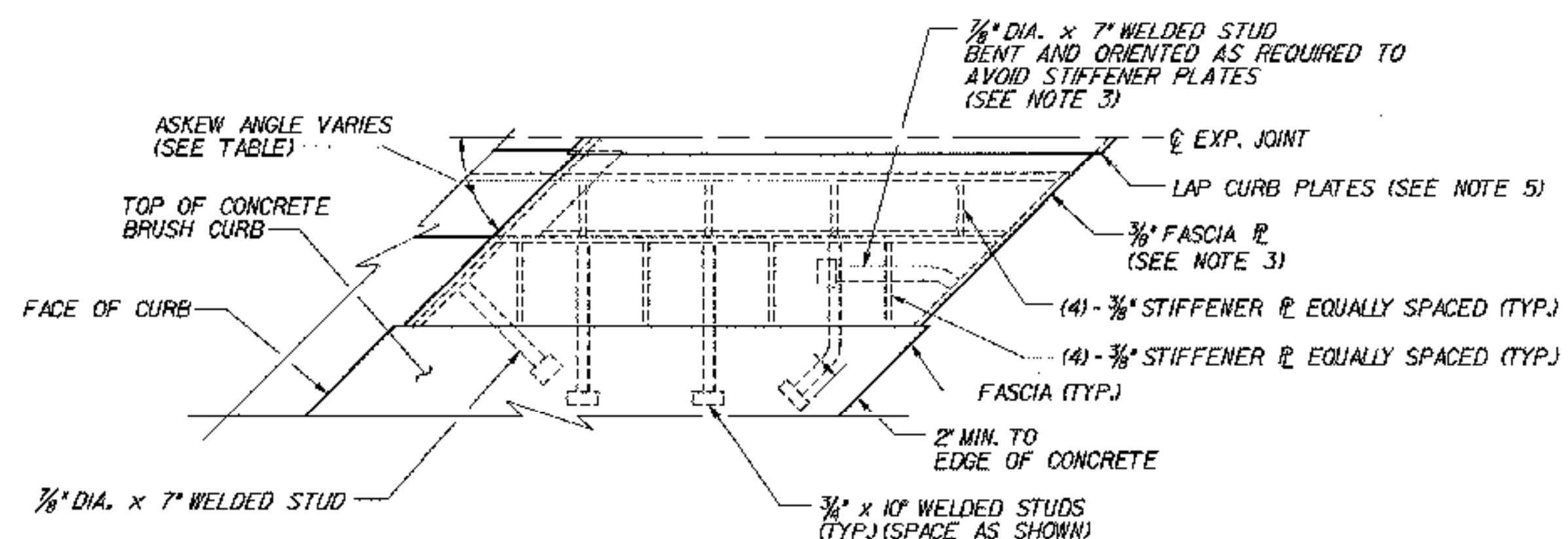
(AHEAD RT. SHOWN - AHEAD LT. SIMILAR)

SCALE: 1" = 1'-0"

* NOTE: STUDS NOT SHOWN IN BRUSH CURB FOR CLARITY.

NOTES:

1. TOP AND FACE OF BRUSH CURB ARE ATTACHED BY BOLTS AND ARE REMOVABLE TO ALLOW CLEANING AND/OR REPLACEMENT OF FABRIC TROUGH.
2. FOR TYPICAL SECTIONS OF EXPANSION JOINT AND ARMORED BRUSH CURB, SEE TYPE "H" ABUTMENT JOINT DETAILS, BRIDGE SHEETS C-28 AND C-29.
3. FOR VIEW OF FASCIA PLATES, AND LOCATION OF WELDED STUDS ON FASCIA PLATES, SEE TYPE "H" ABUTMENT JOINT DETAILS (3 OF 3), BRIDGE SHEET C-30.
4. BARS IN ROADWAY ARE REMOVABLE TO ALLOW CLEANING AND/OR REPLACEMENT OF FABRIC TROUGH.
5. LAP CURB PLATES IN DIRECTION OF TRAFFIC. SEE TABLE FOR DIRECTION OF LAP AT EACH EXPANSION JOINT LOCATION.
6. WHERE HOPPER IS NOT REQUIRED, PREFORMED FABRIC DRAIN TROUGH SHALL BE TERMINATED 2" INSIDE THE FASCIA.



DETAIL "A"

(ONE QUADRANT OF ARMORED BRUSH CURB SHOWN - ALL OTHER QUADRANTS SIMILAR)

SCALE: 1/2" = 1'-0"

| BRIDGE | EXPANSION JOINT LOCATION | ASKEW ANGLE AT EXPANSION JOINT | DIRECTION OF SKEW | HOPPER LOCATION (SEE NOTE 6) | DIRECTION OF CURB PLATE LAP |
|--------|--------------------------|--------------------------------|-------------------|------------------------------|-----------------------------|
| 43N | ABUT. 2 | 45° 07' 37" | AHEAD RT. | RT. | REVERSE AS SHOWN |
| 43S | ABUT. 1 | 44° 35' 15" | AHEAD RT. | RT. | REVERSE AS SHOWN |
| 49N | ABUT. 2 | 90° 00' 00" | | BOTH | REVERSE AS SHOWN |
| 49S | ABUT. 2 | 90° 00' 00" | | BOTH | AS SHOWN |
| 50N | ABUT. 2 | 46° 29' 48" | AHEAD RT. | LT. | REVERSE AS SHOWN |
| 50S | ABUT. 1 | 43° 31' 43" | AHEAD RT. | LT. | REVERSE AS SHOWN |
| 51N | ABUT. 2 | 43° 40' 33" | AHEAD LT. | LT. | REVERSE AS SHOWN |
| 51S | ABUT. 2 | 43° 08' 46" | AHEAD LT. | LT. | AS SHOWN |

STATE OF VERMONT AGENCY OF TRANSPORTATION

Town Of **MIDDLESEX-BOLTON** Bridge No. _____
 Highway No. **I-89** Log Sta. _____
 Surv. Sta. _____

TYPICAL TYPE "H" ABUTMENT JOINT PLAN

Designed By **P.W. SZUSTAK** Drawn By **R.A. BOTZENHART**
 Checked By **J.P. HALSTEAD** Date **10/99** Bridge Design Supervisor **J.P. HALSTEAD** Date **10/99**

PROJECT **MIDDLESEX-BOLTON** PROJECT NO. **IM-089-2(26)**

TVGA CAD Drawing No. **h-jointp** Date **10/99**
 Bridge Sheet No. **C-27** Sheet **27** of **307**