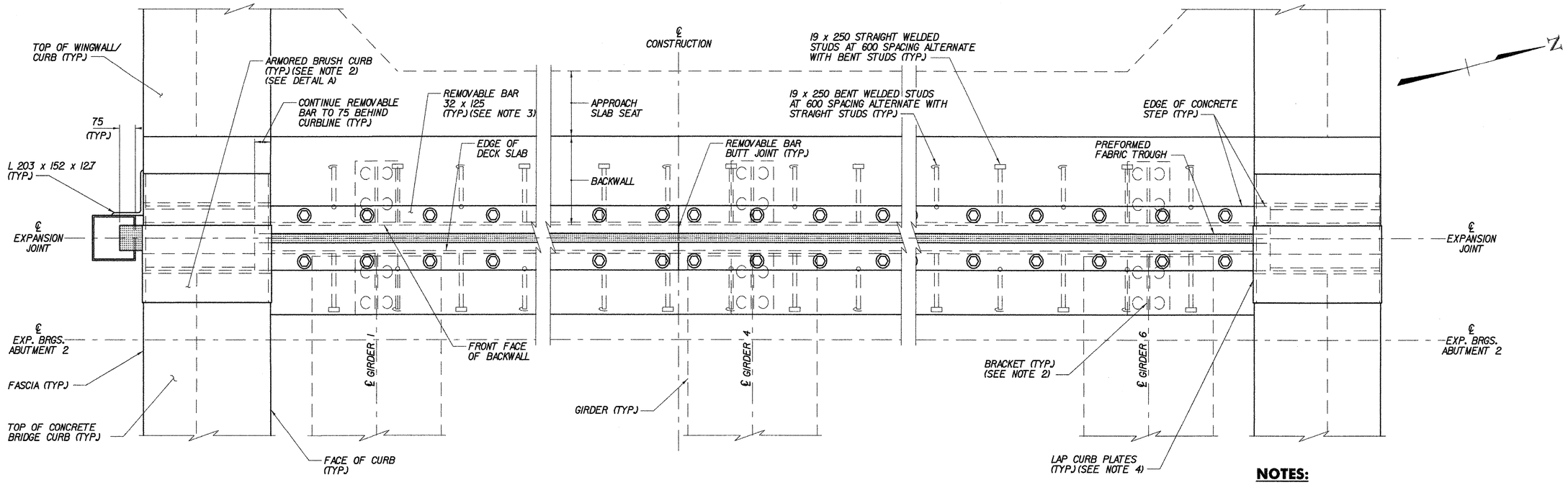
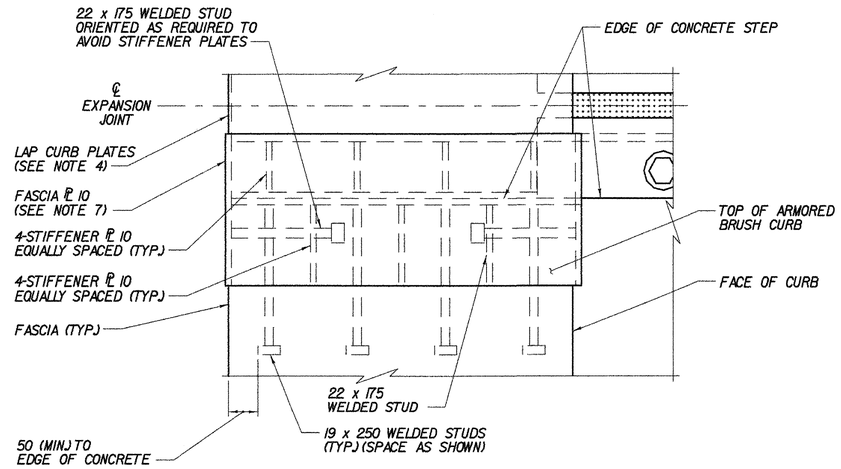


EXPANSION JOINT PLAN

ABUTMENT 2 SHOWN, ABUTMENT 1 SIMILAR
ITEM 516.11 BRIDGE EXPANSION JOINT, VERMONT
SCALE 1:10



DETAIL A

(ONE QUADRANT OF ARMORED BRUSH CURB SHOWN – ALL OTHER QUADRANTS SIMILAR)
SCALE 1:5
NOTE: HOPPER NOT SHOWN FOR CLARITY

EXPANSION JOINT LOCATION	HOPPER LOCATION	DIRECTION OF CURB PLATE LAP
ABUT. 1	LEFT	REVERSE AS SHOWN
ABUT. 2	LEFT	AS SHOWN

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 EXPANSION JOINT DETAILS, BRIDGE SHEETS BR526 AND BR527.
3. BARS IN ROADWAY ARE REMOVABLE TO ALLOW CLEANING AND/OR REPLACEMENT OF FABRIC TROUGH.
4. LAP CURB PLATES IN DIRECTION OF TRAFFIC. SEE TABLE FOR DIRECTION OF LAP AT EACH EXPANSION JOINT LOCATION.
5. WHERE HOPPER IS NOT REQUIRED, PREFORMED FABRIC DRAIN TROUGH SHALL BE TERMINATED 50 INSIDE THE FASCIA.
6. FOR TEMPERATURE ADJUSTMENT TABLE, SEE EXPANSION JOINT DETAILS (2 OF 2), BRIDGE SHEET BR527.
7. FOR VIEW OF FASCIA PLATES, AND LOCATIONS OF WELDED STUDS ON FASCIA PLATES, SEE DOWNSPOUT DETAILS, BRIDGE SHEET BR528.

0 0.1 0.2 0.3 0.4 0.5m
SCALE 1:5

0 0.2 0.4 0.6 0.8 1.0m
SCALE 1:10

SEE ALSO SHOP DRAWINGS

TVGA CONSULTANTS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of BENNINGTON	Bridge No. BI2
Highway No. VT RTE 279	Log Sta. / Surv. Sta.
VT ROUTE 279 OVER FURNACE BROOK	
EXPANSION JOINT PLAN	
Designed By J.J. MANUSE	Drawn By D.J. HENDERSON
Checked By B.J. CARLSON Date 04/07	Bridge Design Supervisor K.M. WOJTKOWSKI Date 04/07
PROJECT BENNINGTON	PROJECT NO. AC NH F019-1(53)
TVGA CAD Drawing No. FBJtPlan.dgn	Date 04/12/2007
Bridge Sheet No. BR525	Sheet 217 of 577