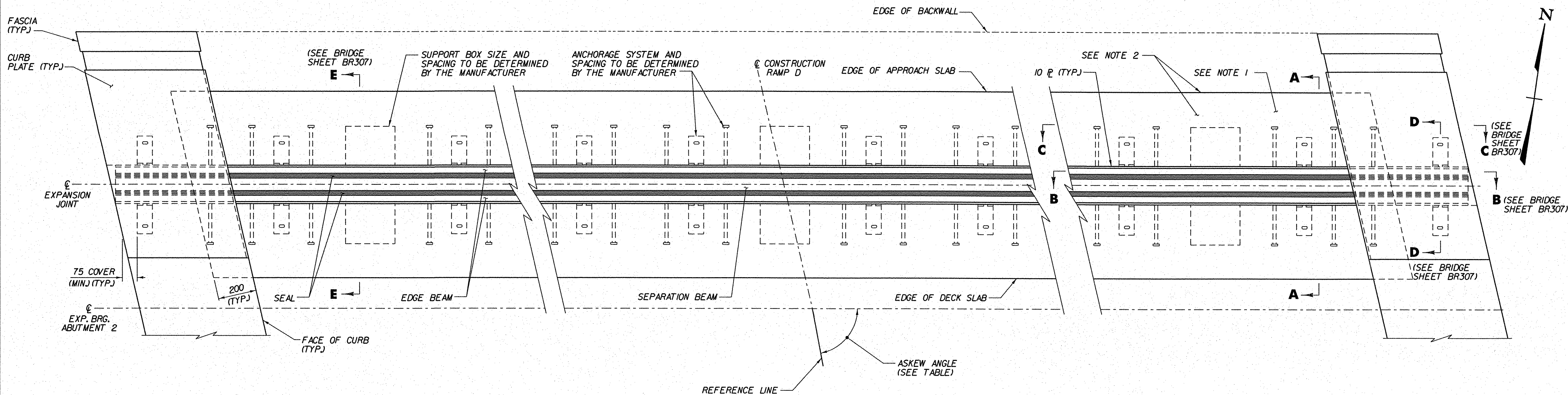


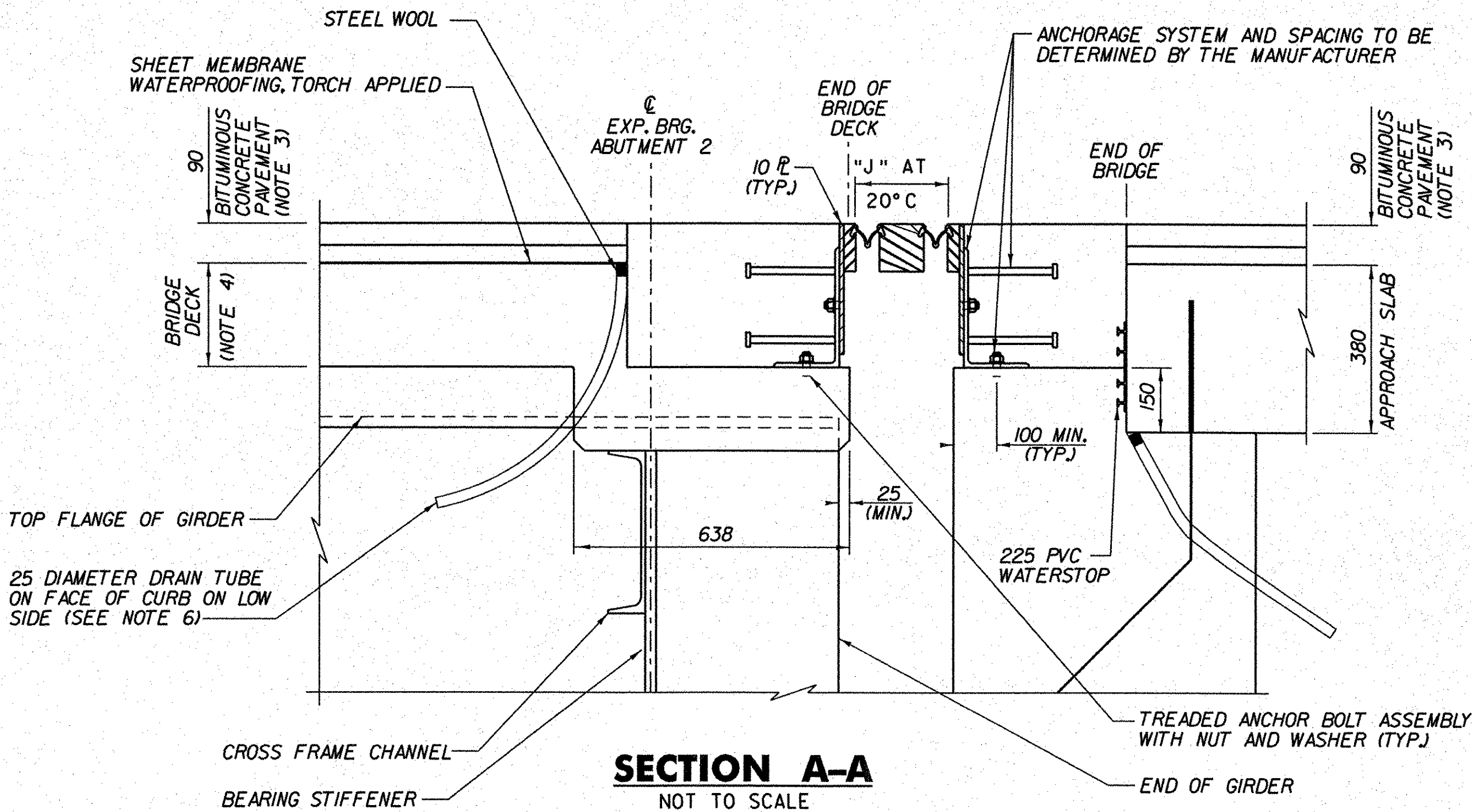


MODULAR EXPANSION JOINT PLAN RAMP D

RAMP A SIMILAR
NOT TO SCALE

BRIDGE	EXPANSION JOINT LOCATION	ASKEW ANGLE AT EXPANSION JOINT	DIRECTION OF SKEW	DIRECTION OF CURB PLATE
RAMP A	ABUT. 2	79°24'58"	AHEAD LT.	REVERSE AS SHOWN
RAMP D	ABUT. 2	77°42'9"	AHEAD LT.	AS SHOWN

TEMPERATURE ADJUSTMENT TABLE		"J" DIMENSION							
BRIDGES	LOCATION	-20° C	-10° C	0° C	10° C	20° C	30° C	40° C	
ALL	ABUT. 2	179	162	145	129	112	95	79	



NOTES:

1. THE CONCRETE FURNISHED AND PLACED IN THE RECESSES FOR INSTALLING THE JOINT SYSTEM SHALL COMPLY WITH THE SPECIFICATIONS FOR THE CURRENT SLAB ITEM, EXCEPT THAT MACHINE FINISHING WILL NOT BE REQUIRED. THE COST FOR FURNISHING AND PLACING THIS CONCRETE SHALL BE INCLUDED IN THE UNIT PRICE OF THE SLAB ITEM.
2. PREPARE EXISTING SURFACES IN ACCORDANCE WITH SPECIAL PROVISION 900.640, SPECIAL PROVISION (BRIDGE EXPANSION JOINT, MODULAR).
3. BITUMINOUS CONCRETE PAVEMENT, SHEET MEMBRANE, AND CURB DRAIN TUBE SHALL NOT BE INSTALLED ON THE RAMP A BRIDGE DECK AND APPROACH SLAB AS THIS IS A BARE DECK STRUCTURE (SEE NOTE 4).
4. BRIDGE DECK THICKNESSES VARY, SEE BRIDGE SHEETS BR261, AND BR282.
5. FOR SECTIONS B-B THRU E-E AND MODULAR JOINT NOTES SEE MODULAR JOINT DETAILS, BRIDGE SHEET BR307.
6. A 25 DIAMETER PLASTIC DRAIN TUBE SHALL BE INSTALLED AS SHOWN AT THE FACE OF THE CURB AND WHERE U-TYPE WINGWALLS ARE ADJACENT TO APPROACH SLABS. THE UPPER END IS TO BE PLUGGED WITH STEEL WOOL AND THE LOWER END IS TO EXTEND BELOW THE BOTTOM OF THE ADJACENT GIRDER. TUBING SHALL CONFORM TO STANDARD SPECIFICATION 740.01 - PLASTIC PIPE, FLEXIBLE (INCIDENTAL TO CONCRETE, HIGH PERFORMANCE CLASS B). THE DRAIN TUBES SHALL BE FASTENED TO THE GIRDERS USING A METHOD APPROVED BY THE ENGINEER.
7. COAT CONCRETE CONTACT SURFACES WITH EPOXY BONDING COMPOUND MEETING THE REQUIREMENTS OF SUBSECTION T19.02 OF THE SPECIFICATIONS. PAYMENT SHALL BE INCIDENTAL TO THE UNIT PRICE BID FOR ITEM 900.640 "SPECIAL PROVISION (BRIDGE EXPANSION JOINT, MODULAR)."

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of	BENNINGTON	Bridge No.	BI5, BI5N, BI5S
Highway No.	VT RTE 279	Log Sta.	
		Surv. Sta.	

VT ROUTE 279 & RAMPS OVER ROARING BRANCH OF WALLOOMSAC RIVER

MODULAR JOINT PLAN

Designed By	A. ODIER	Drawn By	D.W. SHAFFER
Checked By	Date	Bridge Design Supervisor	
B.J. CARLSON	06/08	K.M. WOJTKOWSKI	Date 06/08
PROJECT	BENNINGTON	PROJECT NO.	AC NH 019-1(51)
TVGA CAD Drawing No.	ModJtPlan.dgn	Date	02/02/2009
Bridge Sheet No.	BR306	Sheet	293 of 367