

NOTES

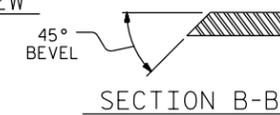
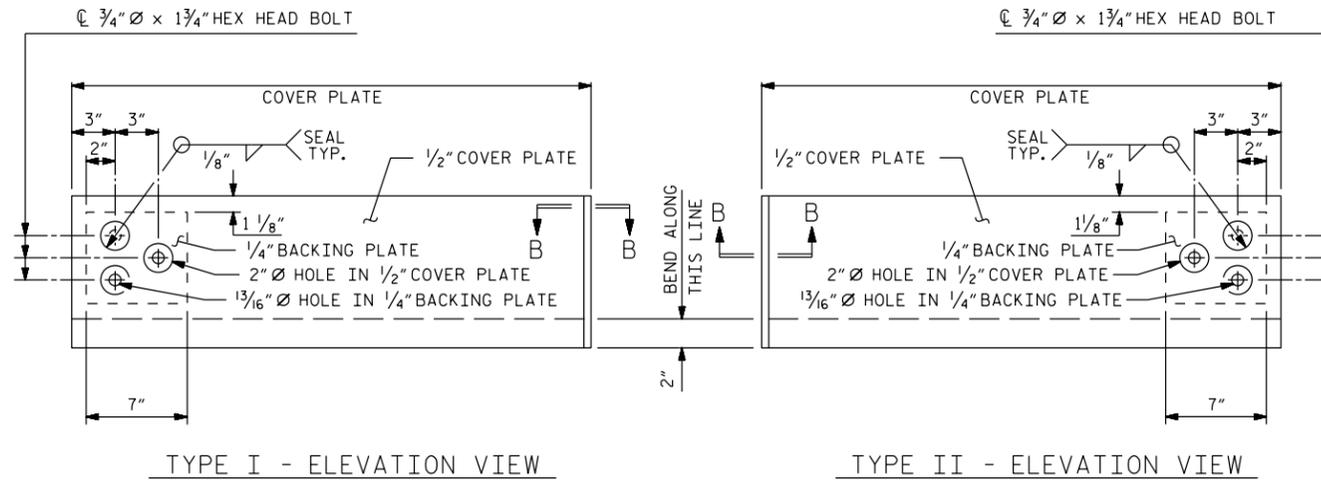
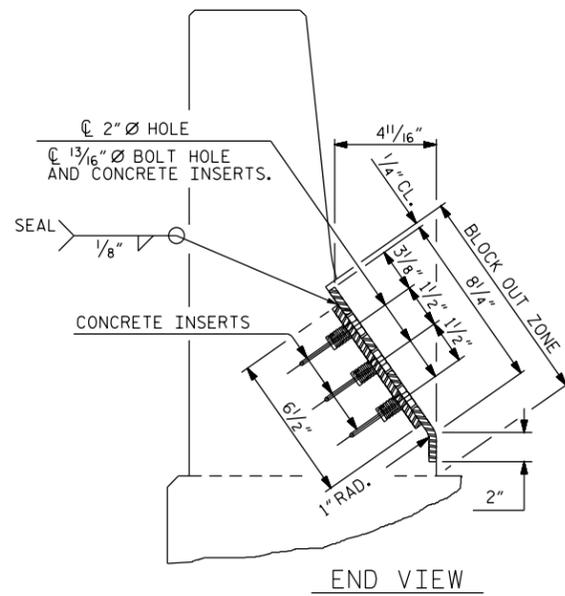
FOR MODULAR EXPANSION JOINT SEALS, SEE SPECIAL PROVISIONS.

THE STEEL PLATES SHALL CONFORM TO AASHTO M270 GRADE 36 OR APPROVED EQUAL AND BE PAINTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. AT THE CONTRACTOR'S OPTION, THE PLATES MAY BE METALLIZED AFTER FABRICATION. SEE SPECIAL PROVISIONS FOR THERMAL SPRAYED COATINGS (METALLIZATION).

THE 3/4" Ø HEX HEAD BOLTS SHALL CONFORM TO ASTM F593 ALLOY 304 STAINLESS STEEL.

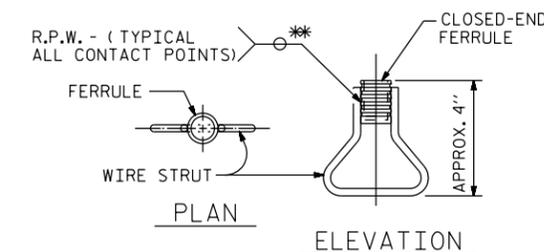
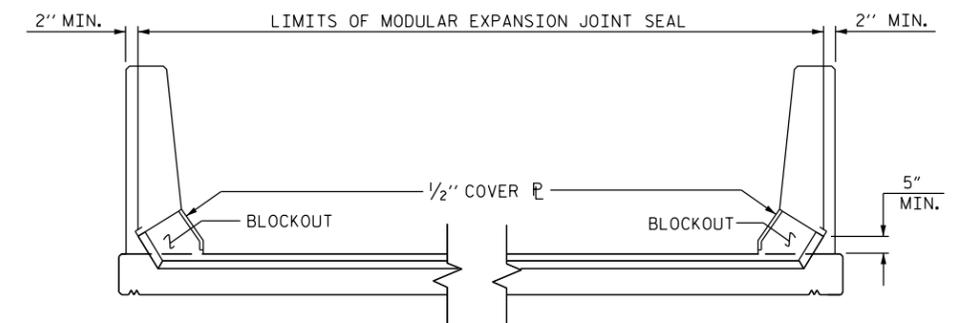
THE 3/4" CONCRETE INSERTS SHALL BE CLOSED-END FERRULES WITH LOOPED WIRE STRUTS ATTACHED TO THEM. THE INSERTS SHALL CONFORM TO AASHTO M169, GRADE 12L14 AND SHALL HAVE A TENSILE WORKING LOAD CAPACITY OF 3000 LBS.

NO SEPARATE PAYMENT WILL BE MADE FOR FURNISHING AND INSTALLING THE COVER PLATE. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR "MODULAR EXPANSION JOINT SEALS".



COVER PLATE DETAILS

	SKIEW ANGLE	TOTAL MOVEMENT ALONG C ROADWAY
END BENT #1		
BENT #1		
END BENT #2		



*EACH WELDED ATTACHMENT OF WIRE TO FERRULE SHALL DEVELOP THE TENSILE STRENGTH OF THE WIRE.

PROJECT NO. _____

_____ COUNTY

STATION: _____

SHEET _ OF _

PLAN OF MODULAR EXPANSION JOINT SEAL - LEFT SIDE

PLAN OF MODULAR EXPANSION JOINT SEAL - RIGHT SIDE

ASSEMBLED BY :	DATE :	TLA/GM
CHECKED BY :	DATE :	MAA/GM
DRAWN BY : EEM 7/96	REV. 5/1/06	MAA/GM
CHECKED BY : VAP 7/96	REV. 10/1/11	MAA/GM
	REV. 6/13	

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			
2			4			

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD
MODULAR EXPANSION JOINT SEAL DETAILS
FOR BARRIER RAIL