

END VIEW

(NORMAL TO SIDEWALK)

CONCRETE RECESS DIMENSIONS:

2mm FOR THE SIDE OF THE JOINT HAVING THE 12mm COVER PLATE WITH A 6mm BACKING PLATE.

14mm FOR THE SIDE OF THE JOINT HAVING ONLY THE 12mm COVER PLATE.



SECTION B - B

NOTES

FOR MODULAR EXPANSION JOINT SEALS, SEE SPECIAL PROVISIONS.

THE STEEL PLATES SHALL CONFORM TO AASHTO M270 GRADE 250 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 19.05mm Ø HEX HEAD BOLTS SHALL CONFORM TO ASTM F593 ALLOY 304 STAINLESS STEEL.

THE 19.05mm 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 13.3 kN.

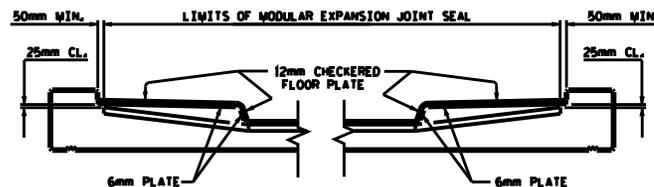
NO SEPARATE PAYMENT WILL BE MADE FOR FURNISHING AND INSTALLING THE COVER PLATE. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR "MODULAR EXPANSION JOINT SEALS."

	SEW ANGLE	TOTAL MOVEMENT ALONG ROADWAY
END BENT #1		
BENT #1		
END BENT #2		

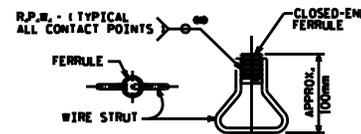
TYPE I - PLAN VIEW

TYPE II - PLAN VIEW

COVER PLATE DETAILS



SKETCH SHOWING LIMITS OF MODULAR EXPANSION JOINT SEAL-SIDEWALK



CONCRETE INSERT

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

PROJECT NO. _____ COUNTY _____
STATION _____

STATE OF MICHIGAN		SHEET NO.	
DEPARTMENT OF TRANSPORTATION		DATE	
STANDARD MODULAR EXPANSION JOINT SEAL DETAILS FOR SIDEWALK			
REV.	DATE	REV.	DATE

USE .001" X SCALE FOR P&S PL

ASSEMBLED BY :	DATE :
CHECKED BY :	DATE :
DRAWN BY : EDN 7/96	REV. 8/28/99
CHECKED BY : VAP 7/96	REV. 01/17/00
	REV. 3-22-06

*****SYNCHRO*****
*****USE THIS CODE*****