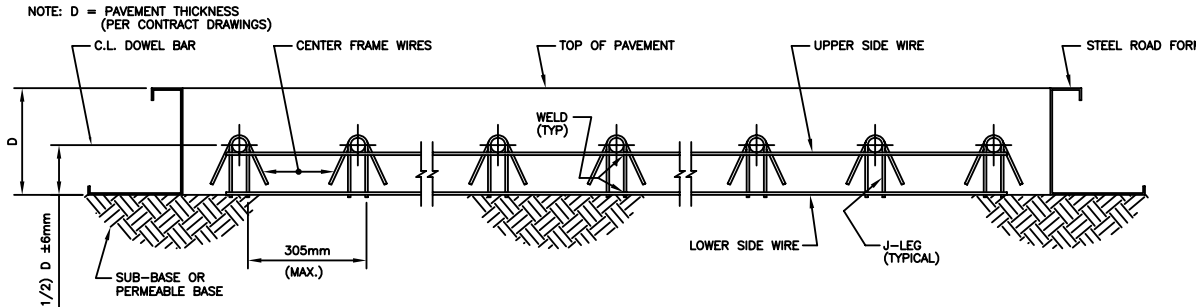
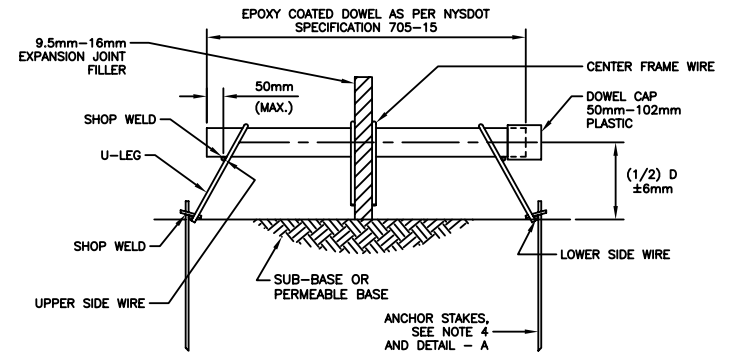
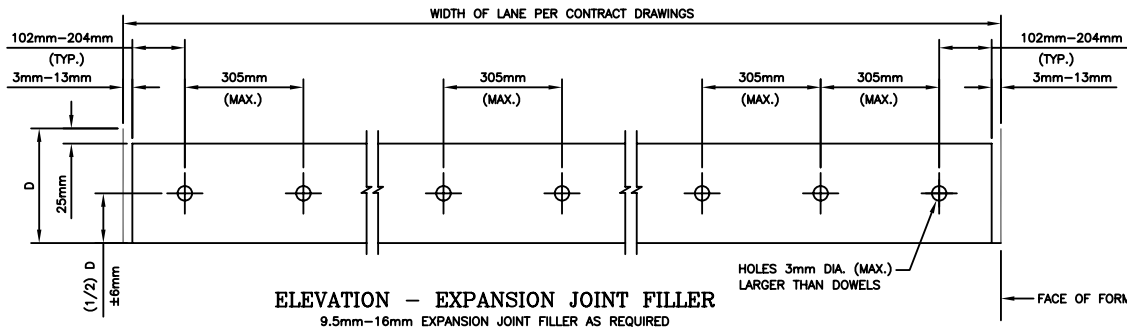
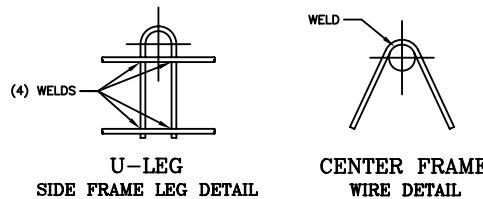


PLAN - EXPANSION JOINT ASSEMBLY

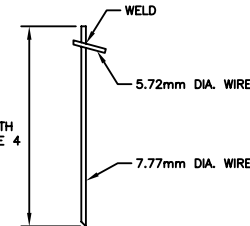


ELEVATION - EXPANSION JOINT ASSEMBLY

TABLE - WIRE SIZES			
UPPER AND LOWER SIDE FRAME WIRES	"U" LEG SUPPORT WIRES	CENTER FRAME WIRES	SHIPPING WIRES
7.77mm ϕ MIN.	7.77mm ϕ MIN.	7.77mm ϕ MIN.	5.72mm ϕ MIN.



END VIEW - EXPANSION JOINT ASSEMBLY



DETAIL - A ANCHOR STAKE

NOTES:

- 1) THIS STANDARD DEPICTS THE DIMENSIONS REQUIRED FOR UNIFORMITY AND COMPATIBILITY. IT DOES NOT INCLUDE ALL THE DETAILS REQUIRED FOR FABRICATION.
- 2) USE ASTM-A615 GRADE 420 STEEL DOWELS. DIAMETER IN ACCORDANCE WITH CONTRACT DRAWINGS.
- 3) DOWELS EPOXY COATED IN ACCORDANCE WITH STANDARD SPECIFICATION 705-15, .254mm-.457mm. EPOXY DOWELS TO BE COATED WITH TECTYL 506.
- 4) USE 305mm ANCHOR STAKE WITH PERMEABLE BASE. 203mm ANCHOR STAKE WITHOUT PERMEABLE BASE. USE 1 ANCHOR STAKE PER 610mm OF ASSEMBLY LENGTH, ALTERNATE SIDES.
- 5) AFTER EACH LOAD TRANSFER ASSEMBLY IS SECURED IN PLACE, CUT SHIPPING WIRES IN ACCORDANCE WITH NYS DOT SECTION 502.
- 6) PROVIDE DOWELS BARS PARALLEL TO THE CENTERLINE AND TO THE PAVEMENT SURFACE. MAKE TOLERANCES OF THIS PLACEMENT WITHIN 3mm PER DOWEL BAR.
- 7) WIRE TOLERANCES PER ASTM A-82 IS ± 0.127 mm
- 8) WHAT EVER THE LANE WIDTH, THE DISTANCE FROM THE "EDGE OF LANE", TO THE "END DOWEL CENTER LINE", MUST BE A MINIMUM OF 100mm-200mm. THE NUMBER OF DOWELS MUST MEET THE DESIGN REQUIREMENTS, AND THE DOWEL SPACING MUST BE ADJUSTED ACCORDINGLY (102mm MIN, 305mm MAX.)
- 9) PLACE DOWEL CAPS ON DOWEL ENDS OPPOSITE WELDS.



<p>MIKE BROOME - WWW.CMC.COM P.O. BOX 430 LINVILLE, NC 28646 OFFICE (828) 898-4957 - FAX (828) 898-4987 - MOBILE (828) 719-5380</p>		
ITEM	TRANSVERSE EXPANSION JOINT FOR CONCRETE PAVEMENT	
PROJECT	NEW YORK DOT	
LOCATION	ALL NEW YORK COUNTIES	
MANUFACTURER	CMC AMERICAS	
SCALE	NONE	DRAWING NO.
DRAWN	TEL	CMC-10-016
DATE	3-15-10	SHEET 1 OF 1