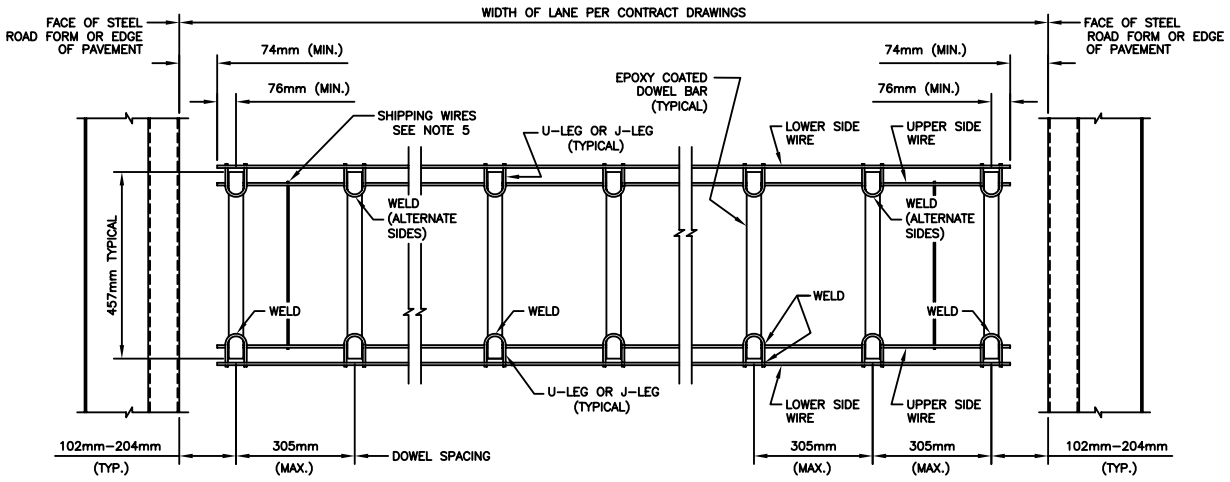
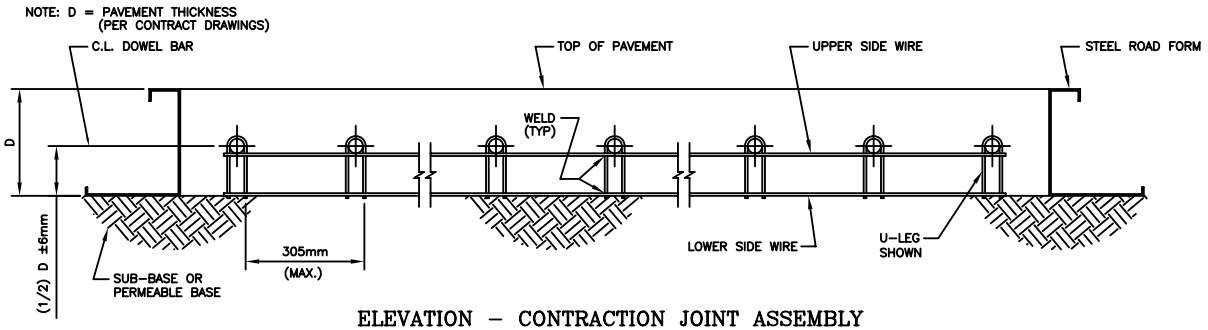
NOTES:

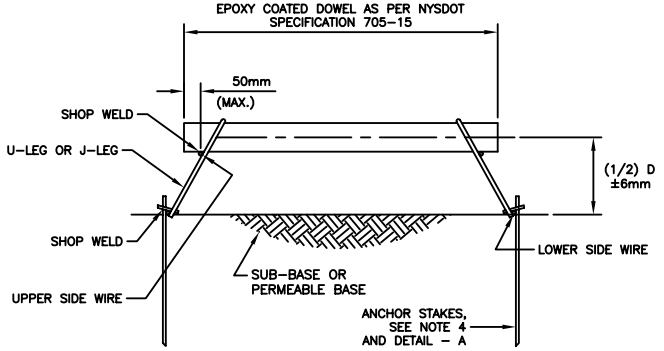
1) THIS STANDARD DEPICTS THE DIMENSIONS REQUIRED FOR UNIFORMITY AND COMPATIBILITY. IT DOES NOT INCLUDE ALL THE DETAILS REQUIRED FOR FABRICATION.
2) USE ASTM–A615 GRADE 420 STEEL DOWELS. DIAMETER IN ACCORDANCE WITH CONTRACT DRAWINGS.
3) DOWELS EPOXY COATED IN ACCORDANCE WITH STANDARD SPECIFICATION 705–15, .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 NYSDOT 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 ± 0.127mm.
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.)



PLAN – CONTRACTION JOINT ASSEMBLY

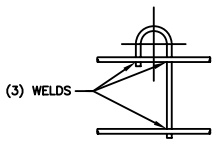


ELEVATION – CONTRACTION JOINT ASSEMBLY

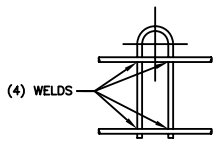


END VIEW – CONTRACTION JOINT ASSEMBLY

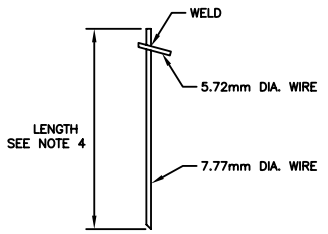
TABLE – WIRE SIZES		
UPPER AND LOWER SIDE FRAME WIRES	"J" LEG OR "U" LEG SUPPORT WIRES	SHIPPING WIRES
7.77mm ø MIN.	7.77mm ø MIN.	5.72mmø MIN.



J–LEG
SIDE FRAME LEG DETAIL



U–LEG
SIDE FRAME LEG DETAIL



DETAIL – A
ANCHOR STAKE

CMC Americas
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ITEM	TRANSVERSE CONTRACTION JOINT FOR CONCRETE PAVEMENT
PROJECT	NEW YORK DOT
LOCATION	ALL NEW YORK COUNTIES
MANUFACTURER	CMC AMERICAS

SCALE	NONE	DRAWING NO.
DRAWN	TEL	CMC–10–017
DATE	3–15–10	SHEET 1 OF 1