

NOTES:

GENERAL: ALL JOINTS SHALL BE CONSTRUCTED NORMAL TO THE CENTERLINE OF THE PAVEMENT LANE UNLESS OTHERWISE SPECIFIED IN THE PLANS. ALL DOWEL HOLES SHALL BE DRILLED BY A MECHANICAL DEVICE THAT WILL ALLOW INDEPENDENT ADJUSTMENT OF ALL DRILL SHAFTS IN THE HORIZONTAL AND VERTICAL DIRECTION. THE DEVICE SHALL BE CAPABLE OF DRILLING A MINIMUM OF THREE HOLES AT ONE TIME.

BARS SHALL BE PLACED 2 FT. FROM THE TIED LONGITUDINAL JOINT AND CONTINUE ACROSS WITH A 1 FT. SPACING TO THE EDGE OF PAVEMENT OR AN UNTIED LONGITUDINAL JOINT. WHERE LANE WIDTHS ARE BETWEEN TWO TIED LONGITUDINAL JOINTS, BEGIN BARS 2 FT. FROM EACH TIED LONGITUDINAL JOINT AND CONTINUE ACROSS WITH A 1 FT. SPACING.

REINFORCEMENT WILL BE REQUIRED FOR ALL REPAIRS GREATER THAN 10 FEET IN LENGTH OR FOR REPAIRS WHICH WILL BE OPENED TO TRAFFIC WITHIN 24 HOURS OF PLACEMENT. THE FABRIC SHALL CONSIST OF W8.5 OR D8.5 LONGITUDINAL WIRES SPACED 6" C/C AND W4 OR D4 TRANSVERSE WIRES SPACED 12" C/C. THE CLEARANCE FROM THE END OF THE WIRE FABRIC TO THE EDGE OF PAVEMENT OR NEW TRANSVERSE JOINT SHALL BE 4" ± 2".

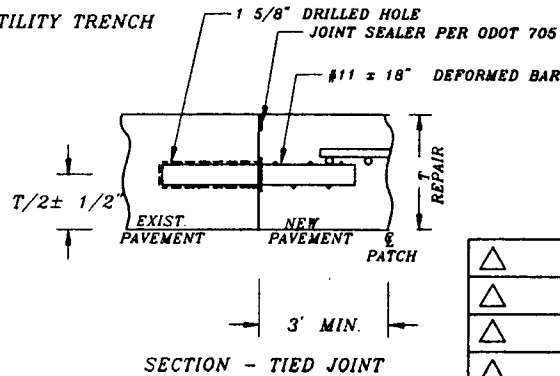
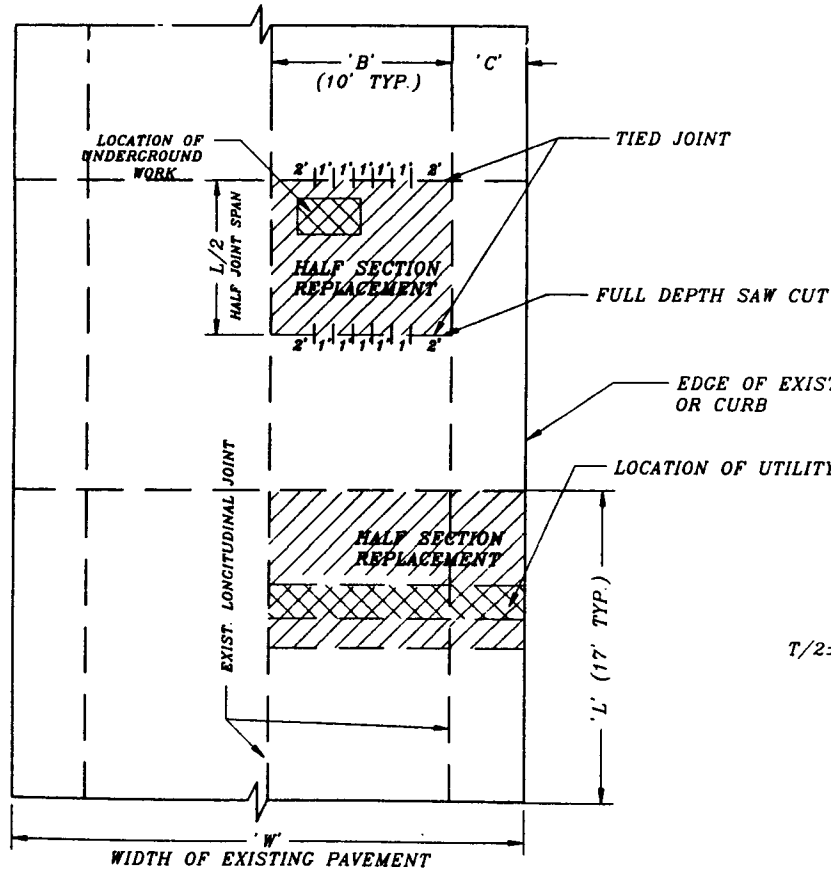
AREA REQUIRED FOR REPLACEMENT:

IN AREAS WHERE CONCRETE PAVEMENT NEEDS TO BE REPAIRED OR REPLACED, THE REPLACEMENT AREA MUST BE FROM JOINT TO JOINT. THE ONLY PARTIAL REPLACEMENT THAT IS ALLOWABLE WOULD BE EXACTLY HALF OF THE SECTION AS SHOWN.

BACKFILLING TRENCH OR EXCAVATION:

TRENCH OR EXCAVATED PORTION UNDER THE PAVEMENT SHALL BE BACKFILLED WITH SPECIAL GRANULAR BACKFILL. ODOT 304 AGGREGATE BASE SHALL BE USED UNDER THE PAVEMENT IF REQUIRED FOR GRADE.

DIMENSION 'W', 'B', AND 'C' CAN VARY DEPENDING UPON NUMBER OF LANES AND TOTAL WIDTH OF PAVEMENT.



SECTION - TIED JOINT

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REVISIONS	DATE:

CITY OF ELYRIA DEPARTMENT OF PUBLIC SERVICE DIVISION OF ENGINEERING	
<h2>CONCRETE PAVEMENT REPLACEMENT</h2>	
DRAWN BY: S.O.V.    DATE: 11-17-97 CHECKED BY: M.R.P.    DATE: 11-17-97	SCALE: NONE DWG #: 1-107
APPROVED CITY ENGINEER <i>Ronny D. Schmitt</i>	