

-97% COMPACTION

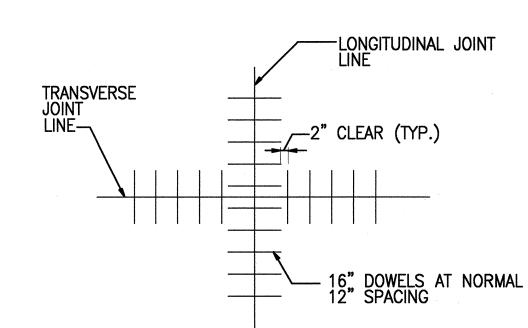
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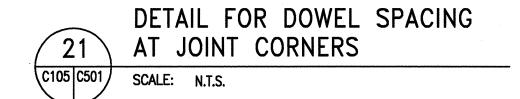
C105 C501

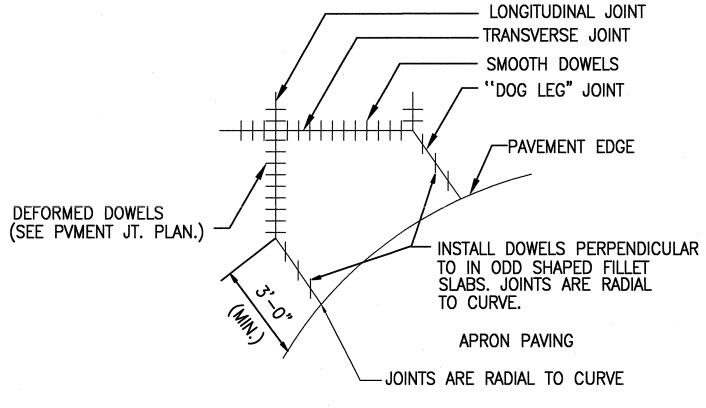
SCALE:

THICKENED EDGE EXPANSION JOINT

LONGITUDINAL OR TRANVERSE JOINT AT EXISTING PAVEMENT C105 C501 SCALE:







SKEWED DOWEL INSTALLATION C105 C501 SCALE: N.T.S.

NOTES:

- 1. LONGITUDINAL AND TRANSVERSE JOINTS SHALL BE SAWED AS INDICATED.
- 2. TRANSVERSE CONSTRUCTION JOINTS SHALL BE USED ONLY WHEN APPROVED BY THE ENGINEER.
- 3. FOR ALL JOINTS THE BACKER ROD MATERIAL SHALL BE COMPATIBLE WITH THE COLD POURED SEALANT AND SLIGHTLY OVERSIZED TO PREVENT MOVEMENT DURING THE JOINT SEALANT OPERATION.
- 4. THE WIDTH OF THE JOINTS SHALL BE CORRECTED FOR 68°F.
- 5. JOINT CONFIGURATION SHALL MEET JOINT SEAL MANUFACTURER'S SPECIFICATIONS. (EXCEPT AS NOTED ON PLANS AND IN SPECIFICATIONS.)
- 6. DOWELS AND TIE BARS FOR CONSTRUCTION JOINTS SHALL BE CAST IN
- 7. THE WIDTH OF THE JOINTS SHALL BE CORRCTED FOR 68°F. NOMINAL WIDTH
- 8. SEE TYPICAL SECTIONS FOR PAVEMENT THICKNESSES.
- 9. SEE JOINT LAYOUT PLANS FOR LOCATIONS WHERE WELDED WIRE FABRIC IS
- 10. REINFORCING WELDED WIRE FABRIC WILL BE DEFORMED WELDED WIRE FABRIC CONFORMING TO THE FOLLOWING 6 X 6 - W2.0 X W2.0. ALL STEEL TO BE DELIVERED IN FLAT SHEETS, NO ROLL STOCK WILL BE ACCEPTABLE

NOTES FOR DOWEL AND TIE BAR HOLE **DRILLING AND INSTALLATION:**

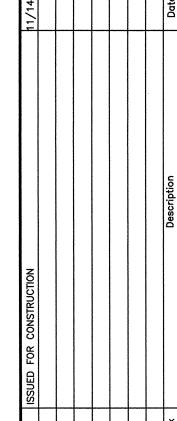
- A. DRILLING AND INSTALLATION METHOD SHALL BE CAPABLE OF MAINTANING DRILL HOLES AND EMBEDDED BARS: (A) PARALLEL TO THE CONCRETE AND (B) NORMAL TO THE JOINT LINE, WITHIN 1/4" AT THE END OF THE DOWEL OR TIE BAR EXCEPT WHERE SPECIFIED OTHERWISE. DRILL HOLES SHALL BE ACCURATELY LAID OUT SO THAT THE MAXIMUM DEVIATION DOES NOT EXCEED 1". DRILL HOLE DIAMETER TO BE APPROXIMATELY 1/8" CLEAR OF BAR ALL AROUND.
- B. AFTER THE DRILLING IS COMPLETE AND PRIOR TO INSTALLATION OF THE DOWEL OR TIE BARS, THE HOLES SHALL BE THROUGHLY CLEANED TO REMOVE DRILLING DUST, CONCRETE CHIPS, AND ANY MATERIAL DETRIMENTAL TO BONDING.
- C. EPOXY GEL SHALL BE APPLIED TO THE DOWEL AND SUFFICIENT GEL INJECTED IN THE BACK OF THE TIE BAR HOLE BY A MECHANICAL MIXING/PUMP DEVICE SO THAT A SLIGHT AMOUNT OF GEL WILL BE FORCED OUT WHEN THE DOWEL OR TIE BAR IS INSERTED AND TAPPED TO THE CORRECT POSITION. IT WILL BE NECESSARY TO TWIST THE BAR BACK AND FORTH SEVERAL TIMES TO ELIMINATE THE AIR ENTRAPPED IN THE HOLE. SMALL WEDGES MAY BE USED TO SUPPORT THE DOWEL OR TIE BAR IN CORRECT ALIGNMENT UNTIL THE GEL HARDENS.
- D. EPOXY GEL SHALL MEET THE SECTION 886 FOR TYPE VIII EPOXY GEL.
- E. THE CONTRACTOR MUST USE CAUTION DURING DRILLING AND/OR DOWEL INSTALLATION SO THAT THE LIGHT BASES AND CONDUIT ARE NOT DAMAGED.





POND Architects = Engineers = Plann 3500 Parkway Lane Suite 600 Norcross, Ga. 30092 Phone 678-336-7740 Fax 678-336-7744 Web www.pondco.com

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LOCATION.)