

## **CONSTRUCTION JOINTS**

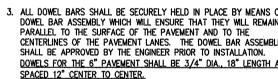
## JOINTING NOTES

JOINT EDGES SHALL BE SAWCUT TO PRODUCE THE 1/8" CHAMFER.

ED016

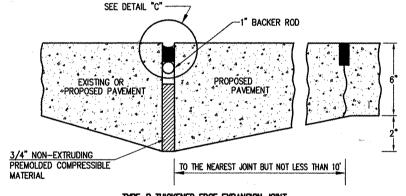
- NAL AND TRANSVERSE CONTRACTION JOINTS SHALL BE
- BARS SHALL BE SECURELY HELD IN PLACE BY MEANS OF A DOWEL BAR ASSEMBLY WHICH WILL ENSURE THAT THEY WILL REMAIN PARALLEL TO THE SURFACE OF THE PAVEMENT AND TO THE CENTERLINES OF THE PAVEMENT LANES. THE DOWEL BAR ASSEMBLIES SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. DOWELS FOR THE 6" PAVEMENT SHALL BE 3/4" DIA., 18" LENGTH AND
- METHODS TO PREVENT SHIFTING DURING AND AFTER CONCRETE PLACEMENT. SUPPORT PINS SHALL BE OF SUFFICIENT LENGTH TO PENETRATE AT LEAST 6" INTO THE SUBGRADE.
- 5. ALL TIE BARS SHALL BE PLACED AT A POINT NOT LESS THAN 6" OR MORE THAN 15" FROM A TRANSVERSE OR EXPANSION JOINT. TIES BARS FOR THE 6" PAVEMENT SHALL BE NO. 4, 20" LENGTH AND SPACED 36"
- THE LENGTH GREASED WITH A HEAVY GREASE.
- CONSTRUCTION JOINTS AND ±1/4" FOR CONTRACTION JOINTS.
- 8. THE CONTRACTOR IS REQUIRED TO DRILL AND EPOXY THE PROPOSED DOWELS IN ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS. THE EPOXY MATERIAL MUST BE APPROVED BY THE DIVISION OF AERONAUTICS PRIOR TO USE.
- BE INCLUDED IN THE COST OF THE P.C.C. PAVEMENT.
- 11. JOINT SEALANT SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS

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	2.	ALL SAW	Longi Ed.	TUDĮN
	3	ΔŧΙ	DOWE	RAF



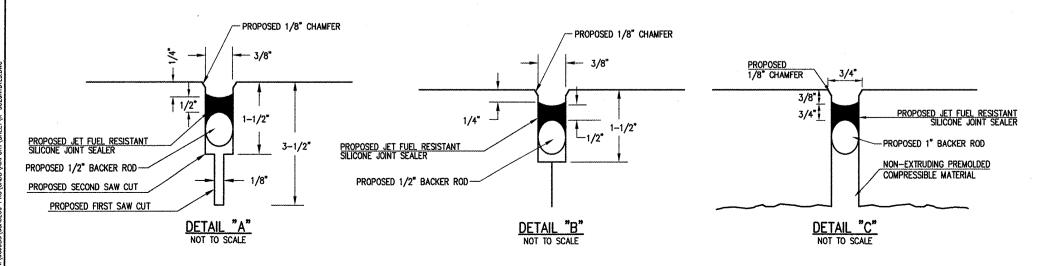
- 4. ALL TIE BARS SHALL BE HELD IN PLACE BY SUPPORT PINS OR OTHER
- CENTER TO CENTER.
- 6. DOWELS IN TRANSVERSE CONTRACTION AND LONGITUDINAL CONSTRUCTION JOINTS SHALL BE COATED WITH A RUSTPROOFING COMPOUND AND HALF
- 7. ALLOWABLE TOLERANCES FOR GROOVE DEPTH WILL BE ±1/8" FOR
- 9. THE COST OF ALL DOWEL BARS, TIE-BARS, SAWING AND SEALING SHALL
- 10. WHEN CONSTRUCTING "FILL-IN" PAVEMENT LANES THE CONTRACTOR SHALL USE BELTING OR OTHER PROTECTIVE MATERIAL FOR THE PAVING MACHINE TO TRAVEL ON AND WILL PROTECT THE TRANSVERSE JOINTS.
- 12. CURING COMPOUND SHALL BE SPECIFIED IN THE SPECIAL PROVISIONS ITEM 501-3.17 AND SHALL BE APPROVED PRIOR TO THE PAVING OPERATION BY THE ENGINEER.
- 13. ALL NON-ALIGNED EDGES WILL BE SAWED FULL DEPTH.

NON-EXTRUDING PREMOLDED COMPRESSIBLE MATERIAL					
EXPANSION CAP, SLIP FIT					
SEE DETAIL "C"					
6" /					
3/4" \					
PAINT AND OIL THIS ——					
/ END OF DOWEL					
DOWEL DIAMETER AND LENGTH					
DEPENDS ON SLAB SIZE					
TYPE-A DOWELED					



TYPE-B THICKENED EDGE EXPANSION JOINT

## **EXPANSION JOINTS**



REMOVE AND RECONSTRUCT T-HANGAR TAXIWAYS

HANSON

EDGAR COUNTY AIRPORT PARIS, ILLINOIS