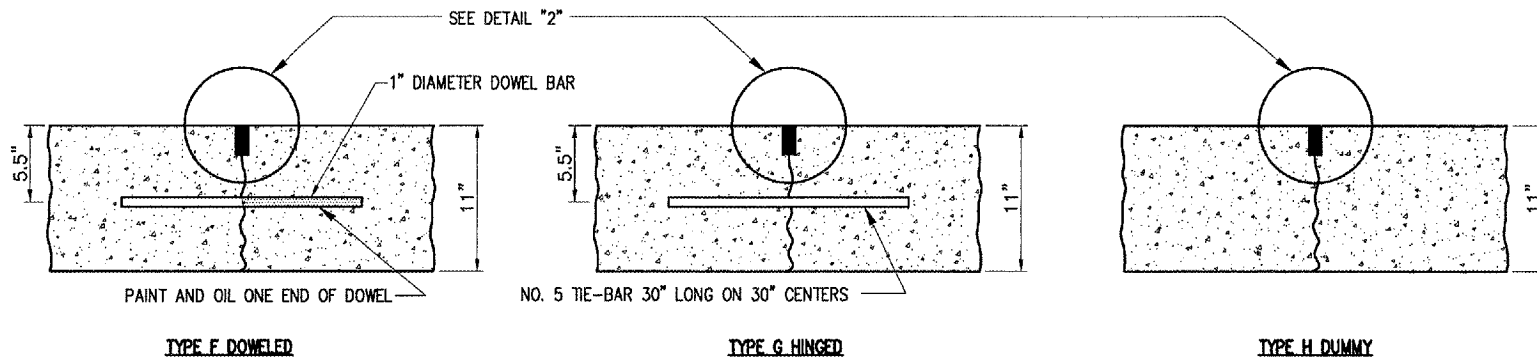
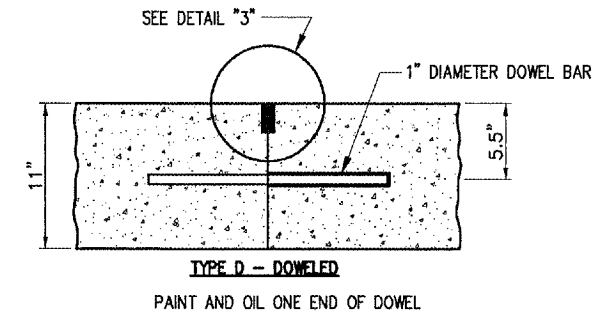


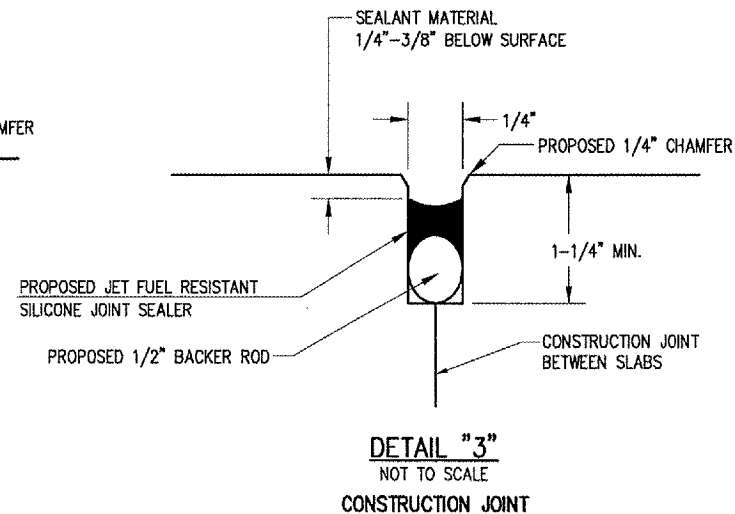
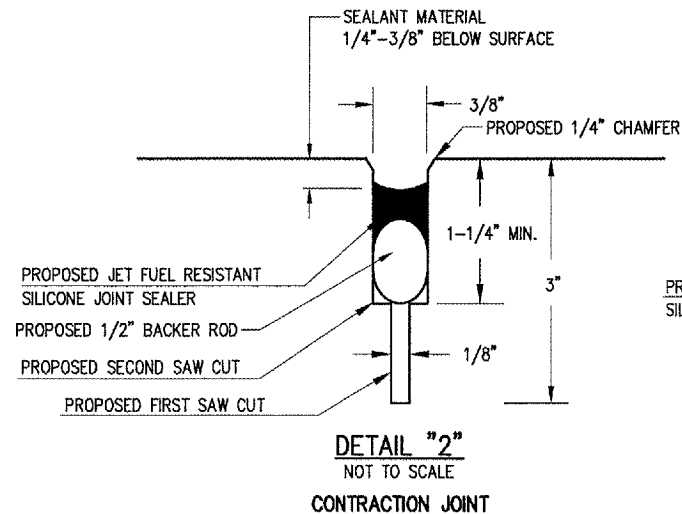
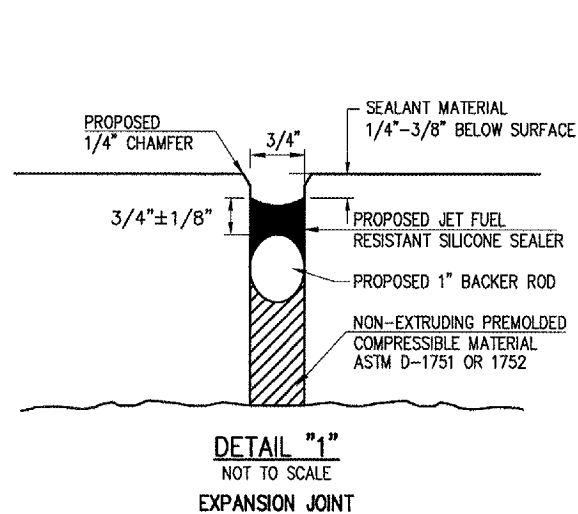
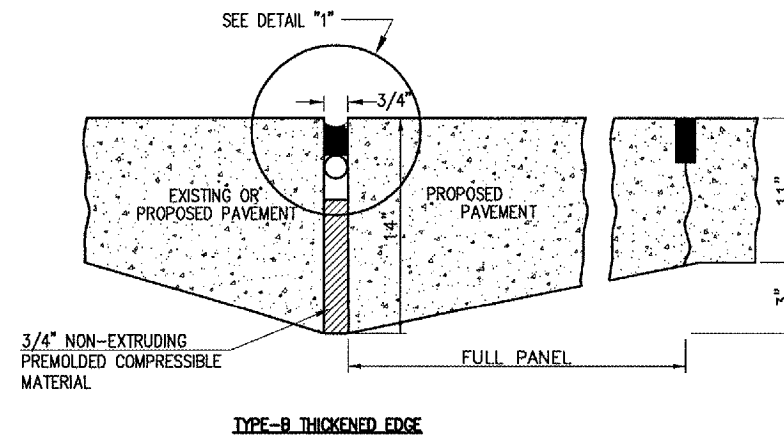
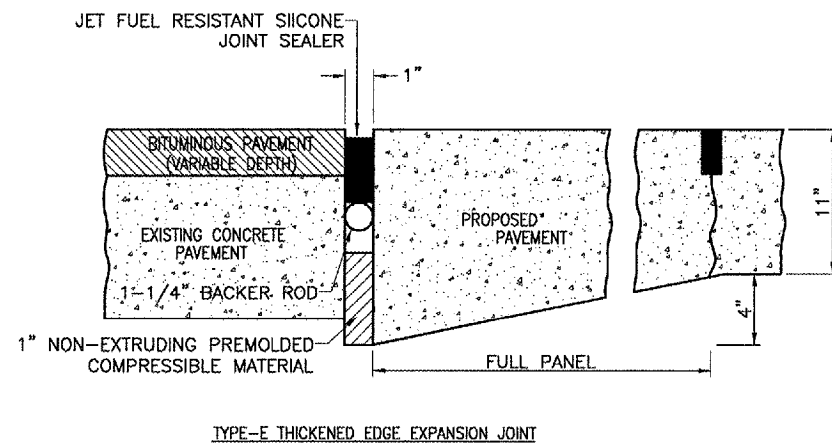
CONTRACTION JOINTS



CONSTRUCTION JOINTS



EXPANSION JOINTS



JOINTING NOTES

- ALL EXPOSED JOINT EDGES SHALL BE EDGED WITH AN APPROVED TOOL HAVING A RADIUS OF 1/4".
- ALL LONGITUDINAL AND TRANSVERSE CONTRACTION JOINTS SHALL BE SAWS.
- ALL DOWEL BARS SHALL BE SECURELY HELD IN PLACE BY MEANS OF A DOWEL BAR ASSEMBLY WHICH WILL INSURE 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 11" PAVEMENT SHALL BE 1" DIA., 19" LENGTH AND 12" SPACING CENTER TO CENTER.
- ALL TIE-BARS SHALL BE SECURELY HELD IN PLACE BY SUPPORT PINS OR OTHER METHODS TO PREVENT SHIFTING DURING AND AFTER CONCRETE PLACEMENT. SUPPORT PINS SHALL BE OF SUFFICIENT LENGTH TO PENETRATE AT LEAST 6" INTO THE SUBGRADE.
- ALL TIE-BARS SHALL BE PLACED AT A POINT NOT EXCEEDING 15" OR CLOSER THAN 6" FROM A TRANSVERSE, CONTRACTION, EXPANSION, OR CONSTRUCTION JOINT AND SPACED 30" ON CENTERS AND SHALL BE NO. 5 DEFORMED BARS, 30" IN LENGTH.
- DOWELS IN TRANSVERSE CONTRACTION AND LONGITUDINAL CONSTRUCTION JOINTS SHALL BE COATED WITH A RUSTPROOFING COMPOUND AND HALF THE LENGTH GREASED WITH A HEAVY GREASE.
- ALLOWABLE TOLERANCES FOR GROOVE DEPTH WILL BE +1/8" FOR CONSTRUCTION JOINTS AND + 1/4" FOR CONTRACTION JOINTS.
- THE CONTRACTOR IS REQUIRED TO DRILL AND EPOXY THE PROPOSED DOWELS IN ACCORDANCE WITH DETAILS AND THE SPECIAL PROVISIONS. THE EPOXY MATERIAL MUST BE APPROVED BY THE ILLINOIS DIVISION OF AERONAUTICS.
- THE COST OF ALL DOWEL BARS, TIE-BARS, WIRE MESH, SAWING AND SEALING SHALL BE INCLUDED IN THE COST OF THE P.C.C. PAVEMENT.
- PRIOR TO PLACING ADJACENT PAVEMENT SECTIONS, THE VERTICAL EDGE SHALL BE CHECKED FOR TRUENESS IF THE FACE IS BURRED OR IRREGULAR, THE CONTRACTOR SHALL GRIND, STONE OR SAW THE FACE A MINIMUM OF 2" IN DEPTH TO PRODUCE A SMOOTH AND STRAIGHT EDGE.
- WHEN CONSTRUCTING "FILL-IN" PAVEMENT LANES THE CONTRACTOR SHALL USE BELTING OR OTHER PROTECTIVE MATERIAL FOR THE PAVING MACHINE TO TRAVEL ON AND WILL ROPE THE TRANSVERSE JOINTS.
- JOINT SEALANT SHALL BE AS SPECIFIED IN THE RECURRING SPECIAL PROVISIONS FOR ITEM 605
- CURING COMPOUND WILL BE AS SPECIFIED IN THE RECURRING SPECIAL PROVISIONS FOR ITEM 501 AND SHALL BE APPROVED PRIOR TO THE PAVING OPERATION BY THE ENGINEER.
- ALL NON-ALIGNED EDGES WILL BE SAWS FULL DEPTH.

DATE	REVISION

QUINCY REGIONAL AIRPORT
BALDWIN FIELD
ADAMS COUNTY, ILLINOIS

QUINCY Regional Airport
A.I.P. PROJ.: 3-17-0085-XX
ILL. PROJ.: UIN-3338

FILE PROJECT No. 82406TYCD 0240	DATE 06/19/06
REVISION R-56 LINT.DWG	DATE 06/19/06
SCALE N/A	DATE 06/19/06
DATE 06/19/06	DATE 07/12/06
LAYOUT	RAW
DRAWN	BAK
REVIEWED	RAW

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Hanson Professional Services Inc.
1500 S. Main Street
Springfield, IL 62703-2888
Offices Nationwide

REALIGN AND
WIDEN TAXIWAY "C"
PROPOSED
JOINTING
DETAILS

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