

NOTES:
UPON COMPLETION OF CONSTRUCTION INSTALL 4' OF EROSION CONTROL MATTING ADJACENT TO ALL PROPOSED PAVEMENT EDGES.

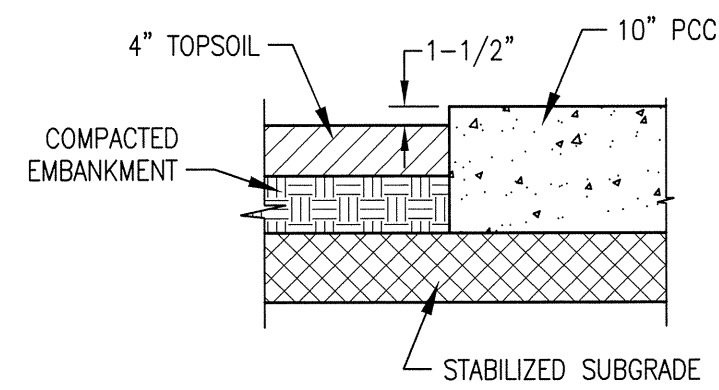
CONCRETE APRON PAVEMENT SECTION
99.999 L.B. D.W.
N.T.S.

PCC PAVEMENT NOTES

- ① EXISTING GRADE- SOIL OR PAVEMENT
- ② 10" PCC PAVEMENT, TxDOT ITEM 360 CLASS P, 4,000 PSI COMPRESSIVE STRENGTH (570 PSI @ A 28 DAY FLEXURAL STRENGTH REINFORCED)
- ③ 8" CEMENT STABILIZED SUBGRADE (3% CEMENT BY WEIGHT), COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY (ASTM D 698), AT A MOISTURE CONTENT WITHIN ±3% OF OPTIMUM MOISTURE
- ④ COMPACTED EMBANKMENT TxDOT ITEM 400 COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY (ASTM D 698), AT A MOISTURE CONTENT WITHIN ±3% OF OPTIMUM MOISTURE
- ⑤ 4" TOPSOIL- LIGHTLY ROLLED

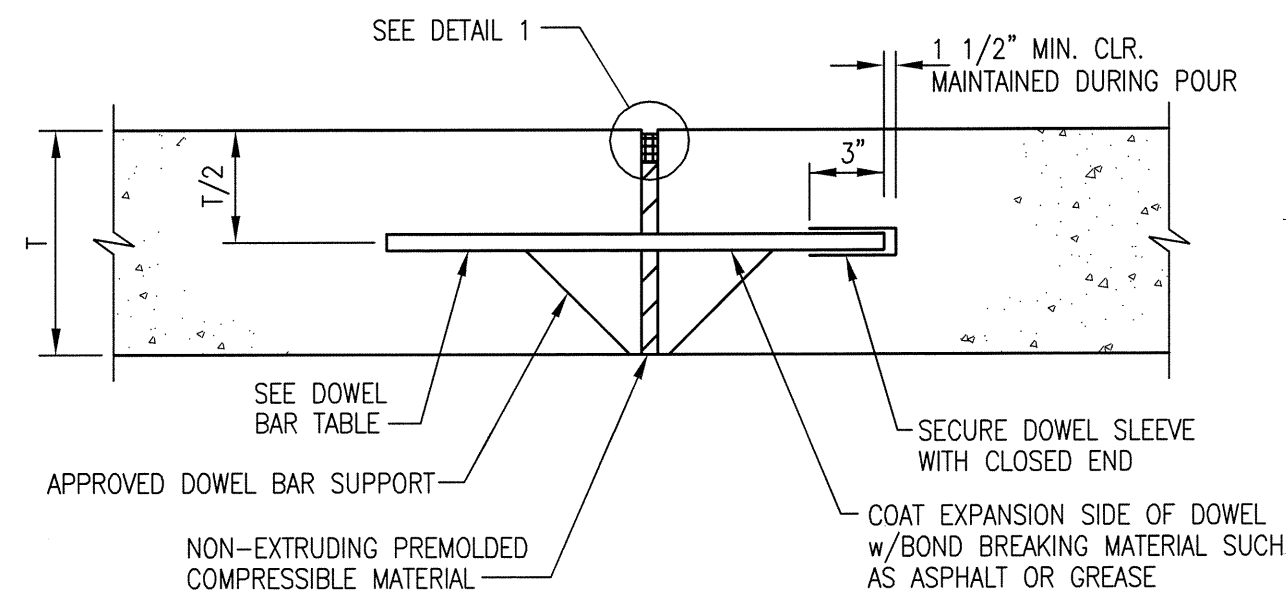
GENERAL PAVING NOTES:

1. TOPSOIL SHALL BE LIGHTLY ROLLED INTO PLACE AND FINISHED GRADE SHALL BE ESTABLISHED TO PROVIDE ADEQUATE DRAINAGE.
2. PROVIDE GRADING AS SHOWN AND IN ACCORDANCE WITH THE SPECIFICATION.
3. UPON COMPLETION OF CONSTRUCTION AND PAVEMENT EDGE GRADING, INSTALL 4' OF EROSION CONTROL MATTING ADJACENT TO TAXIWAY PAVEMENT EDGES.
4. ALL DAMAGE TO EXISTING PAVEMENT CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.



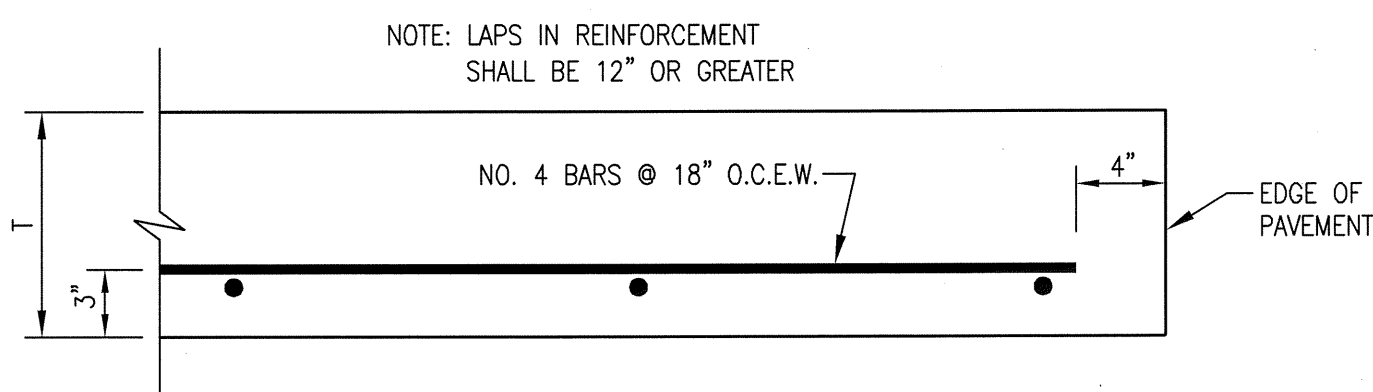
PROVIDE 1-1/2" DROP OFF FROM TOP OF PAVEMENT TO ADJACENT FINISHED GRADE AT EDGE OF ALL PAVEMENT CONSTRUCTED IN THIS PROJECT.

PAVEMENT LIP DETAIL
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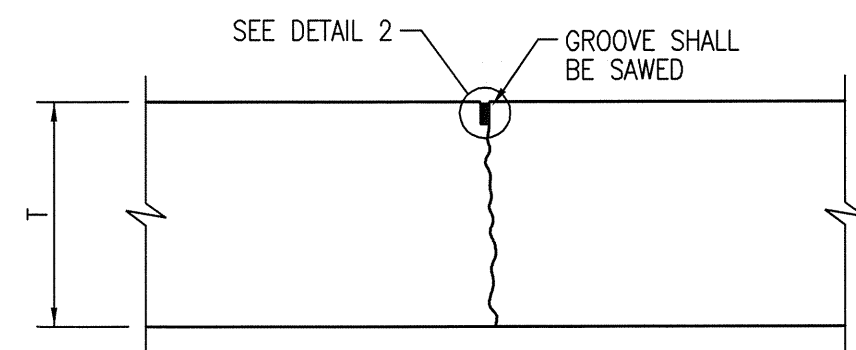


TYPE A - DOWELED EXPANSION JOINT
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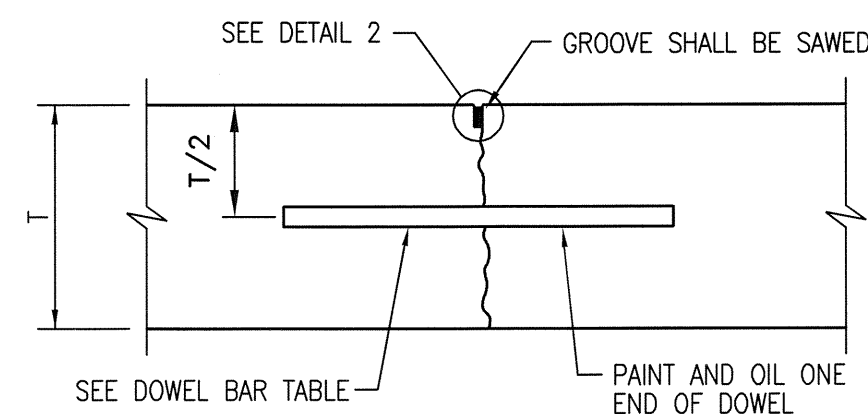
- NOTES:
1. EXPANSION JOINT MATERIAL SHALL BE ACCURATELY NOTCHED OR HOLED TO RECEIVE EACH DOWEL.
 2. DOWEL BARS SHALL BE ACCURATELY INSTALLED PARALLEL WITH PAVEMENT SURFACE. EACH DOWEL AND REBAR SHALL BE SECURED AGAINST DISPLACEMENT DURING PLACEMENT OF CONCRETE. DOWELS SHALL BE CLEAN AND FREE OF RUST WHEN INSTALLED.
 3. COST OF DOWELED JOINTS AND CONSTRUCTION JOINTS SHALL BE CONSIDERED SUBSIDIARY TO THE UNIT PRICE BID FOR REINFORCED CONCRETE PAVEMENT.



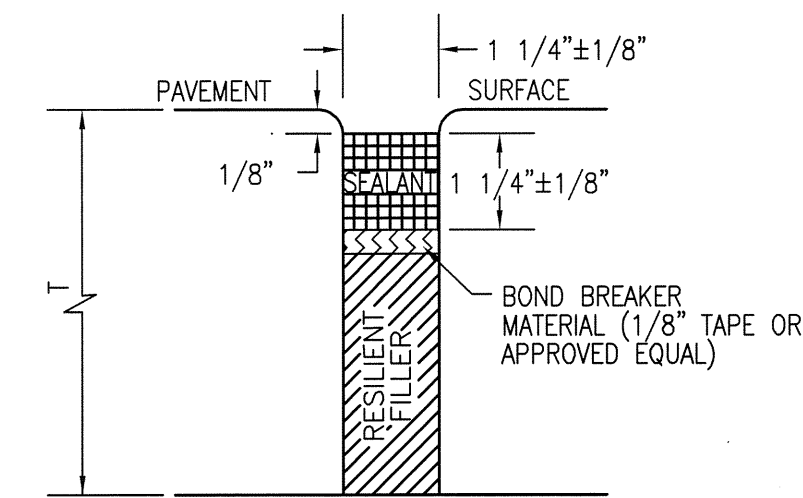
STEEL REINFORCED CONCRETE PANELS
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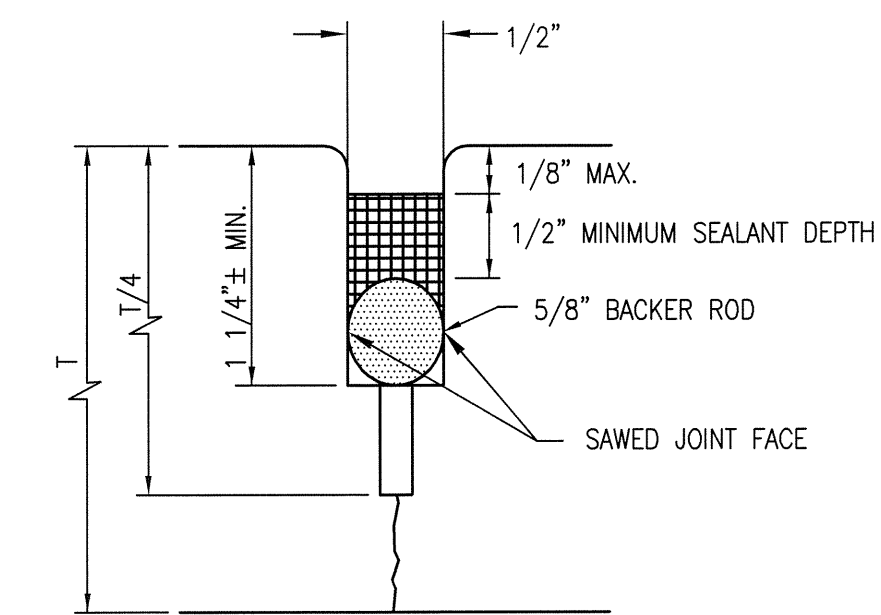
TYPE D - DUMMY SAWED CONTRACTION JOINT
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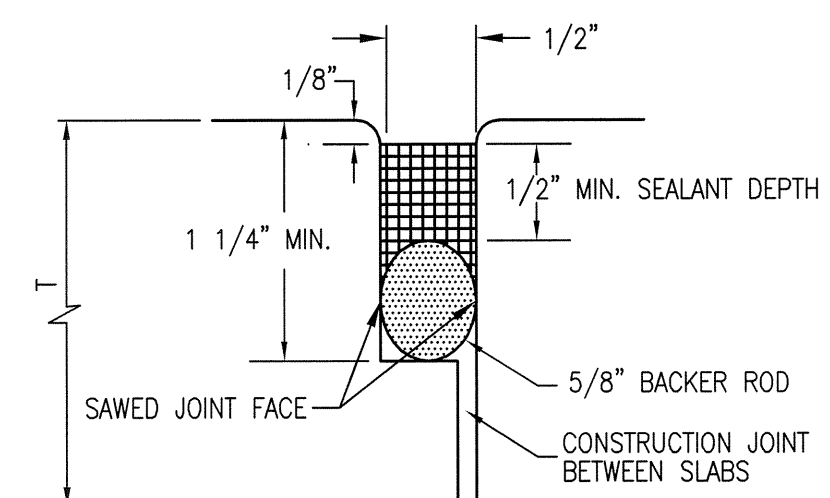
TYPE H - DOWELED CONTRACTION JOINT
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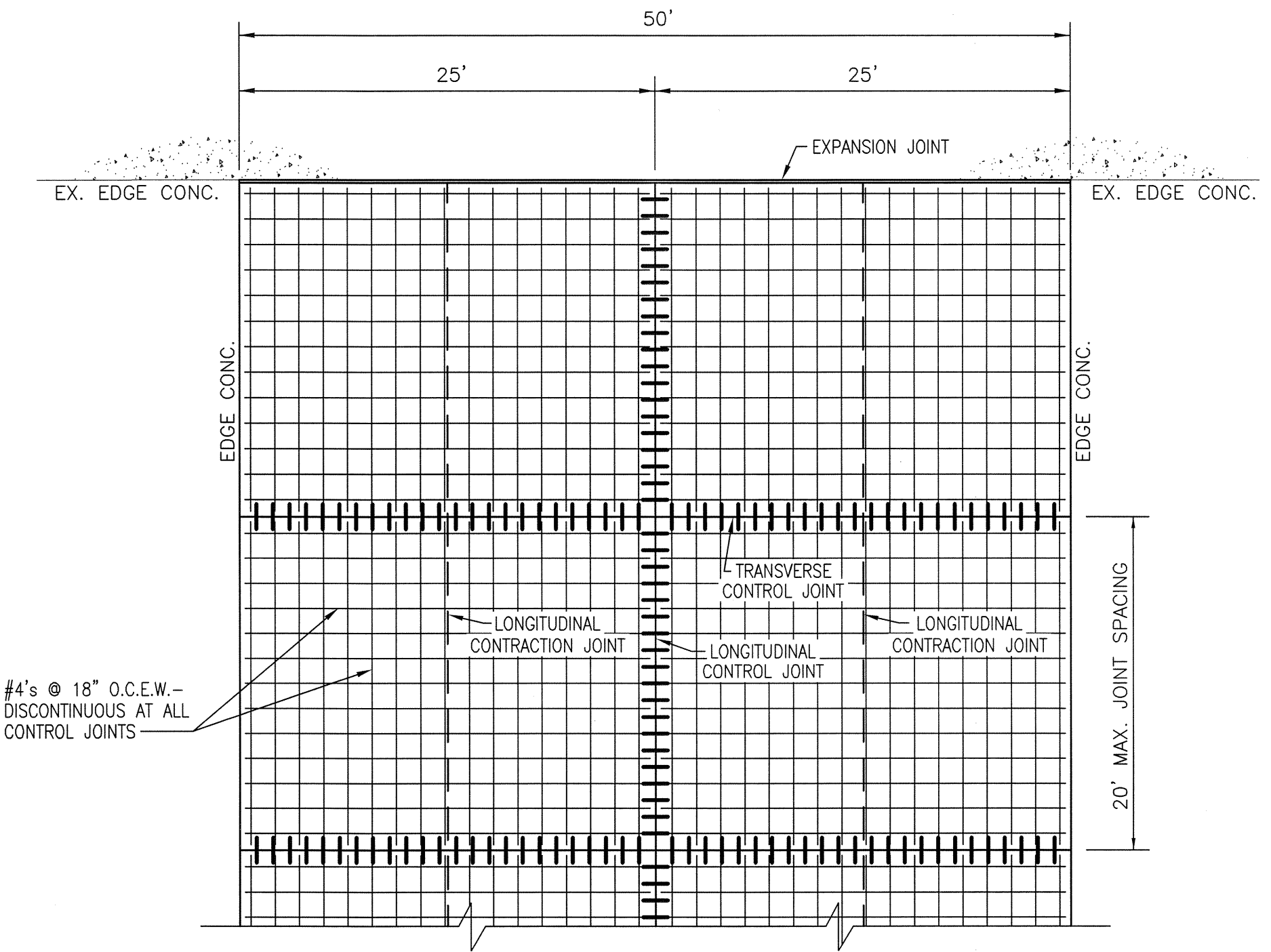
DETAIL 1
N.T.S.



DETAIL 2
N.T.S.



DETAIL 3
N.T.S.



TYPICAL CONCRETE APRON PAVEMENT LAYOUT

GENERAL NOTES-CONCRETE PAVEMENT

1. FOR FURTHER INFORMATION REGARDING THE PLACEMENT OF CONCRETE AND LOAD TRANSFER DEVICES REFER TO THE TECHNICAL SPECIFICATIONS FOR "CONCRETE PAVEMENT" AND "REINFORCING STEEL".
2. THE SPACING BETWEEN TRANSVERSE JOINTS SHALL BE 20' MAX. UNLESS OTHERWISE SHOWN IN THE PLANS.
3. TRANSVERSE CONSTRUCTION JOINTS MAY BE FORMED BY USE OF METAL OR FIBERBOARD FORMS EQUAL IN DEPTH TO THE NOMINAL DEPTH OF THE PAVEMENT, OR BY METHODS APPROVED BY THE ENGINEER.
4. CONTRACTION JOINTS SHALL BE 12.5' O.C.

DOWEL BAR TABLE				
JT TYPE	SLAB THICKNESS	DIAMETER	LENGTH	SPACING
TY A	10"	3/4"	19"	12"
TY H	10"	3/4"	19"	12"

NOTES:

1. DOWEL BARS SHALL BE COATED WITH ASPHALT MC-70 OR APPROVED COATING FOR 1/2 LENGTH.
2. BAR MAT SHALL BE NO. 4 BARS AT 18" O.C.E.W. PLACED AT 3" FROM BOTTOM OF PAVEMENT SURFACE. BAR MATS SHALL BE LAPPED A MINIMUM 12" WITH 3" MIN. CLEARANCE FROM PAVEMENT EDGE OR JOINT.
3. "T" IS EQUAL TO 10"
4. JOINT SEALANT SHALL BE A SINGLE COMPONENT, CHEMICALLY CURVING, SELF-LEVELING SILICONE SEALANT, JET-FUEL RESISTANT, & COLD-APPLIED MEETING THE REQUIREMENTS OF ASTM D-5893.
5. JOINT DIMENSIONS MAY VARY WITH SEALANT MANUFACTURER'S WIDTH-TO-DEPTH RATIO REQUIREMENTS. ACTUAL DIMENSIONS SHALL BE APPROVED BY THE ENGINEER.
6. ALL SAWCUTTING SHALL BE SUBSIDIARY TO THE VARIOUS BID ITEMS OF THE PROJECT.

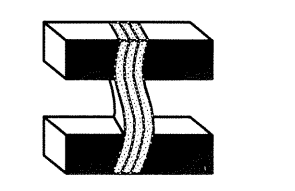
LEGEND

- SEALANT
- BACKER ROD MATERIAL
- BOND BREAKER MATERIAL
- RESILIENT FILLER



EAST TEXAS REGIONAL AIRPORT
 GREGG COUNTY, TEXAS
 2018 SOUTH GA APRON CONNECTOR

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