

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00174-00-BT	ROCK ISLAND	112	81
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

<p>TRANSVERSE JOINTS</p> <p><u>CONTRACTION JOINT (TYPE C &amp; TYPE S)</u></p> <p>SAWED SEE STANDARD NO. 115</p>	<p>HEADERS</p> <p><u>CONSTRUCTION JOINT OR EMERGENCY HEADER (TYPE D)</u></p> <p>TEMPORARY HEADER BOARD CUT TO MATCH STREET CROSS-SECTION</p> <p>APPROVED EXPANSION TUBE WITH GREASE</p> <p>1/8" R</p> <p>D/2</p> <p>STEEL SPADE OR DOWEL RACK</p> <p>18" X 1 1/4" Ø SMOOTH STEEL DOWEL BARS, EPOXY COATED, SPACED @ 12" CENTERS</p> <p>NOTE: TO BE CONSTRUCTED AS A CONTRACTION JOINT WHEN CONSTRUCTION IS RESUMED</p>	<p>LONGITUDINAL JOINTS</p> <p><u>LONGITUDINAL CONTRACTION JOINT WITH DEFORMED BARS (TYPE L)</u></p> <p>SAWED SEE STANDARD NO. 115</p> <p>30" X 1/2" Ø DEFORMED BARS, EPOXY COATED, SPACED @ 30"</p> <p>18"</p> <p>D/2</p> <p>STEEL SPADE OR DOWEL RACK UNLESS AN ALTERNATE METHOD IS APPROVED BY THE ENGINEER</p>
<p><u>DOWELED EXPANSION JOINT (TYPE ED)</u></p> <p>JOINT SEALER</p> <p>APPROVED EXPANSION TUBE WITH GREASE</p> <p>1/2"</p> <p>18" X 1 1/4" Ø SMOOTH STEEL DOWEL BARS, EPOXY COATED, SPACED @ 12" CENTERS</p> <p>1" NOM.</p> <p>PREFORMED EXPANSION JOINT MATERIAL WITH HOLES SAME SIZE AS DOWELS</p>	<p><u>PERMANENT HEADER</u></p> <p>PAVEMENT SLAB</p> <p>1/8" R</p> <p>4"</p> <p>18"</p> <p>14"</p> <p>1"</p> <p>D/2</p> <p>STEEL SPADE OR DOWEL RACK</p> <p>APPROVED EXPANSION TUBE</p> <p>4"</p> <p>18" X 1 1/4" Ø SMOOTH STEEL DOWEL BARS, EPOXY COATED, SPACED @ 12" CENTERS</p> <p>HEADER BOARD MUST BE CUT TO MATCH STREET CROSS-SECTION, &amp; MAY BE LEFT IN PLACE</p>	<p><u>KEYED CONSTRUCTION JOINT (TYPE K)</u></p> <p>SAWED JOINT TO BE FILLED WITH BITUMEN JOINT SEALER</p> <p>1/8" R</p> <p>2ND POUR</p> <p>18"</p> <p>2" MIN.</p> <p>D/2</p> <p>STEEL KEYWAY</p> <p>30" X 1/2" Ø DEFORMED BARS, EPOXY COATED, SPACED @ 30"</p> <p>STEEL SPADE OR DOWEL RACK</p>
<p><u>FORMED CONTRACTION JOINT (TYPE C)</u></p> <p>1/8" R</p> <p>SEE STANDARD NO. 115</p>	<p><b>TRANSVERSE JOINTS, HEADERS, AND LONGITUDINAL JOINTS</b></p> <p>CITY OF ROCK ISLAND ENGINEERING DIVISION</p> <p>STANDARD NO. 102</p>	

NOT TO SCALE

REVISED	MDW	04/06/00
METRIC	BJT	12/19/96
REVISED	CWE	06/27/91
STAND102.DWG	MDW	03/91
REVISION	BY	DATE

NOTE:  
FORMED JOINTS LESS THAN D/3 MUST BE SAWED TO REQUIRED DEPTH

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PLOT DATE \* STATES \*  
FILE NAME \* FILES \*  
PLOT SCALE \* SCALES \*  
USER NAME \* USERS \*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**CITY OF ROCK ISLAND STANDARDS**

SCALE: VERT. \_\_\_\_\_  
DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_