GENERAL NOTES

Epoxy coat all deformed tie bars. Patch any damage to the epoxy coating in accordance with the Standard Specifications.

Use billet steel Grade 40 reinforcing for deformed tie bars THAT require bending, may or may not be epoxy coated.

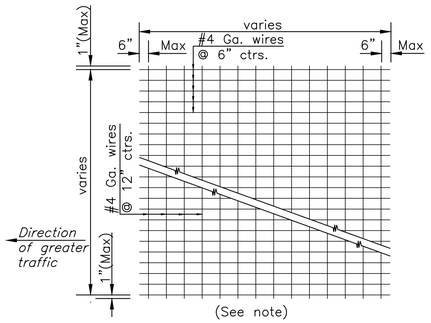
Place pressure relief joint at the end of the bridge approach pavement slab (no bars through joint). For details of pressure relief joint see KDOT Standard Drawing RD712.

Use load transfer devices as shown in details at all construction joints on mainline pavement unless otherwise noted.

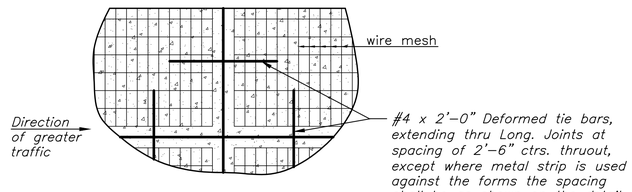
◆ Fill all sawed joints on the project in accordance with the Standard Specifications.

Shape all keyed joints similar to section of recessed form leg as shown on this sheet.

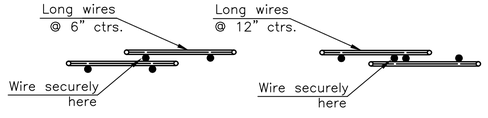
Evenly space tie bars along the length of slab with no tie bar within 12" of contraction joint. All longitudinal joints are tied.



TYPICAL SHEET OF WELDED WIRE MESH

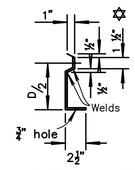


WIRE MESH AND TIE BAR PLACEMENT

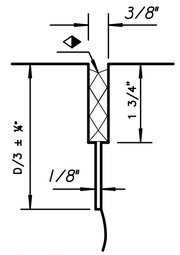


DETAIL OF LAP FOR WIRE MESH

NOTE:
The lap shall extend beyond the first transverse wire of each sheet.
The sheets shall be wired securely at the edges and at intervals not to exceed 2'–6" for the full width of the sheet. Approx. weight of wire mesh = 44 lbs. per 100 sq. ft.
Other methods for fastening the sheets of wire mesh at the laps may be used with the approval of the Engineer.

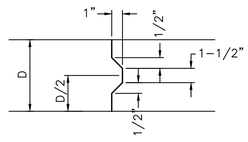


SECTION OF RECESSED FORM LEG

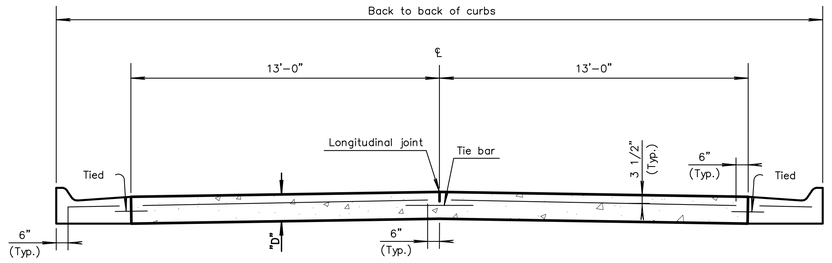


◆ DETAIL OF SEALED CONTRACTION JOINT SAWCUT

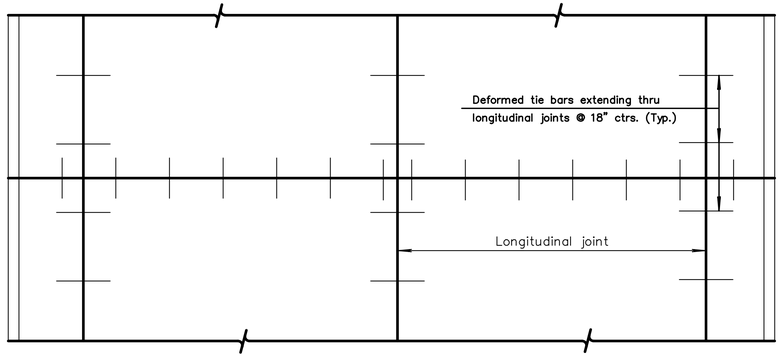
Make an initial ⅛" saw cut(D/3 ± ¼" depth); the second ⅜" saw cut is a separate operation done after concrete has gained sufficient strength to avoid spalling as determined by the Engineer.



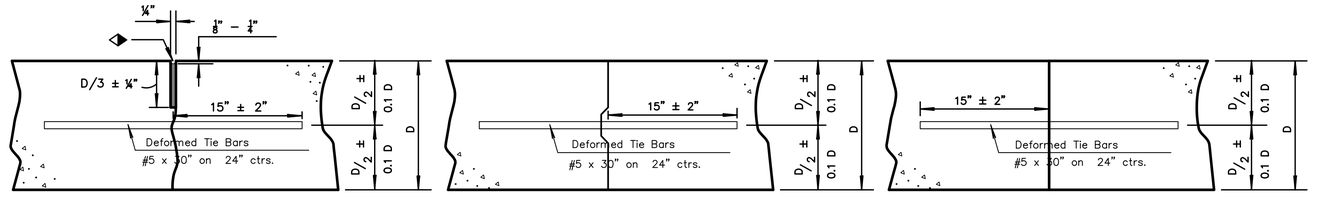
KEYWAY DETAIL



TRANSVERSE SECTION



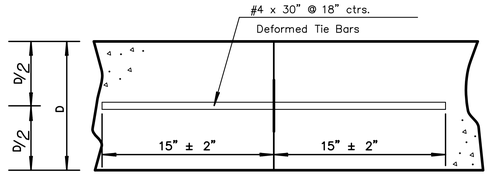
TYP. PLAN



*Drill and epoxy grout bar into existing pavement where present.

Note: For longitudinal construction joints the contractor has the option of using either the keyed or butt type. Place deformed tie bars mid–depth of the shoulder.

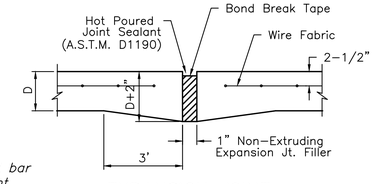
LONGITUDINAL JOINTS



Construction*

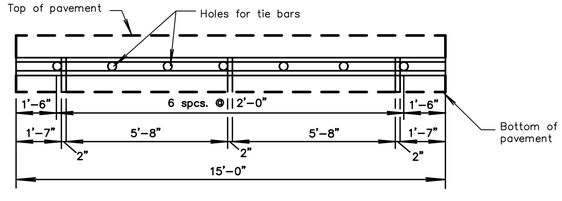
TRANSVERSE JOINTS

*Drill and epoxy grout bar into existing pavement where present.



EXPANSION JOINT

NOTE: Extra Thickness to be Subsidiary to Price of Square Yards Pavement



METAL STRIP FOR LONGITUDINAL CONSTRUCTION JOINT

To be used only against forms, do not extend through contraction joints. For automated placement tie bars are spaced at uniform 24" centers.

◆ Use snap–in leg or other approved design in lieu of welded leg.

MKEC
Wichita, KS • 316-684-9600

CONSTRUCTION PLANS FOR

2ND STREET BRIDGE AT BROOKSIDE

WICHITA, KS

CONCRETE PAVING DETAILS

PROJECT NO.	472-85435
DATE	JULY 2019
SCALE	NTS

DESIGNED	DRAWN	CHECKED
JRA	RAM	JRA

NO.	REVISION	DATE

SHEET NO.

6 OF 48

Sh. No. 6