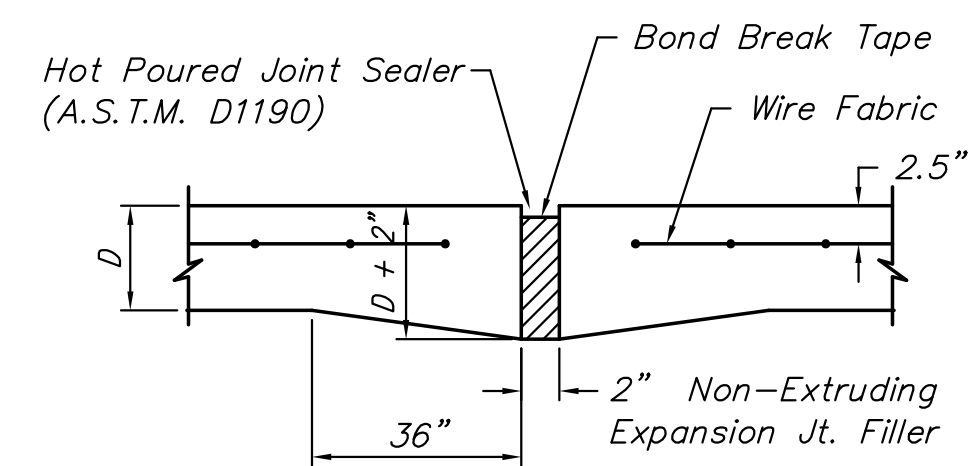
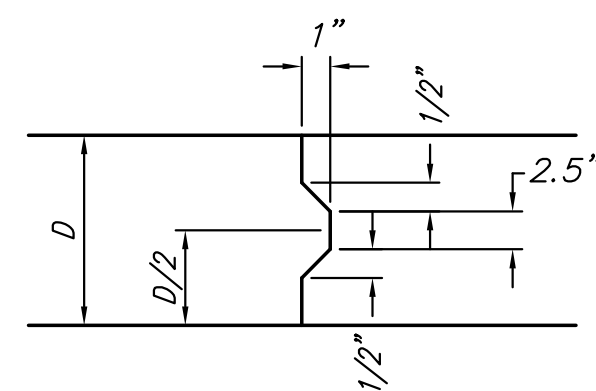


STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
KANSAS	87 N-0357-01	2008	52	185

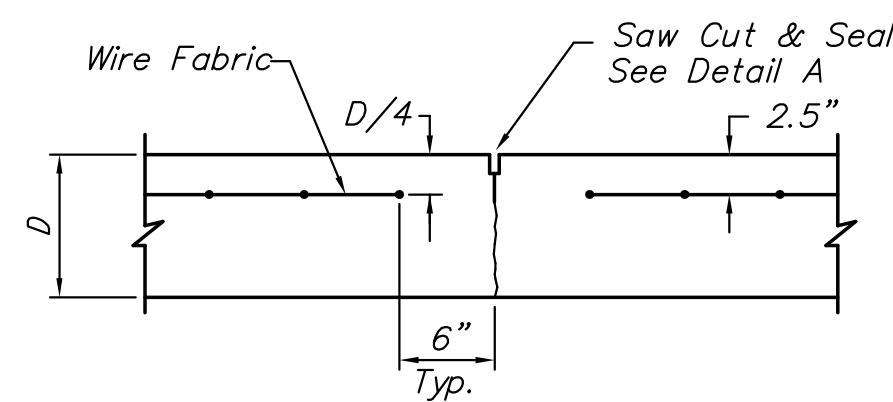


**EXPANSION JOINT**

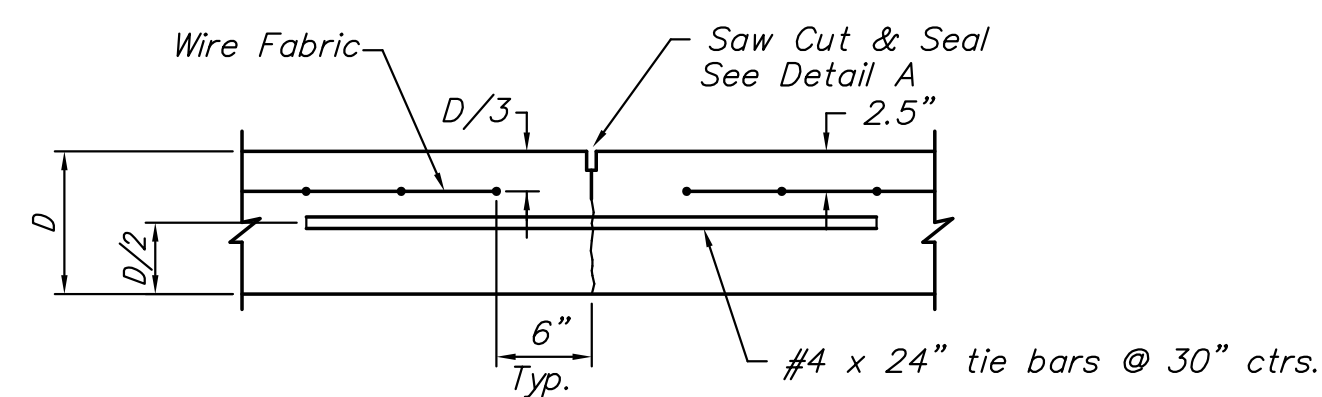
NOTE: Extra Thickness to be Subsidiary to Price of Square Yards Pavement



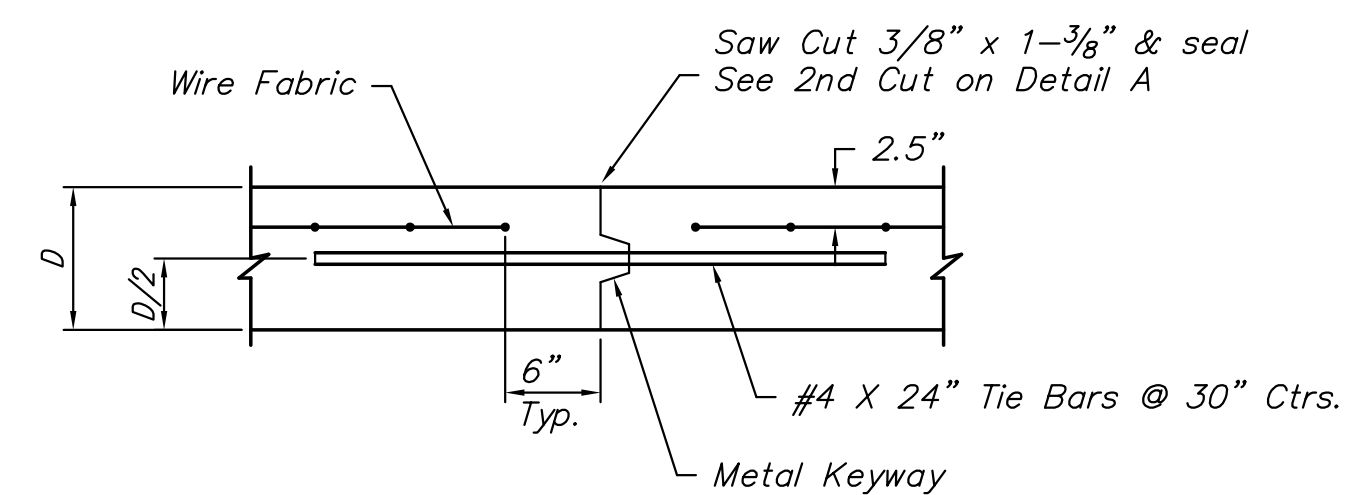
**KEYWAY DETAIL**



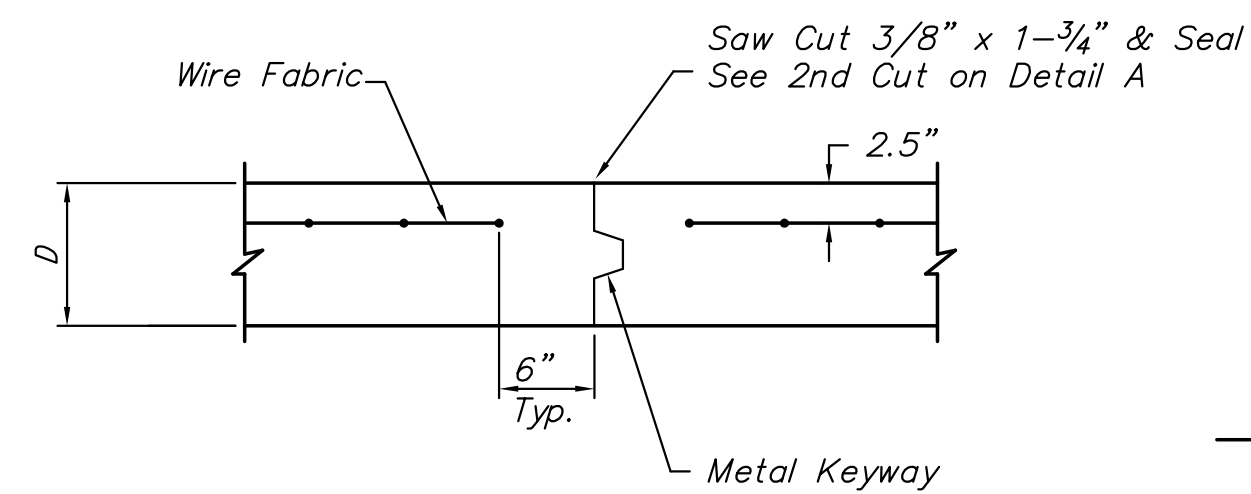
**CONTRACTION JOINT DETAIL (C.J.)**



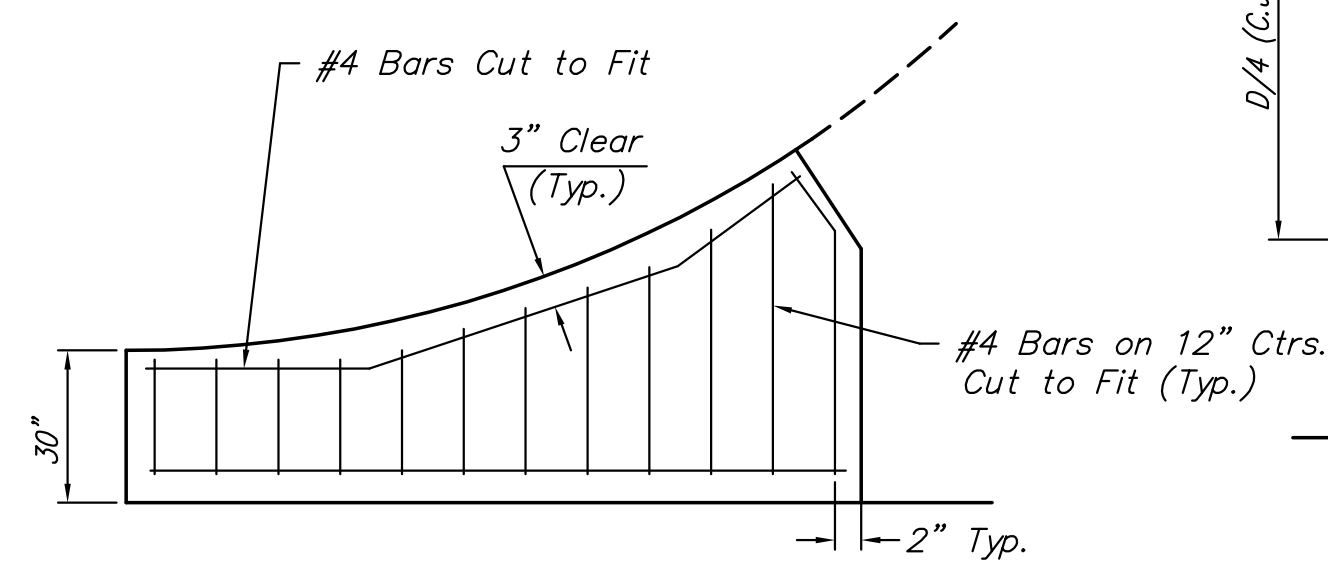
**LONGITUDINAL JOINT DETAIL (L.J.)**



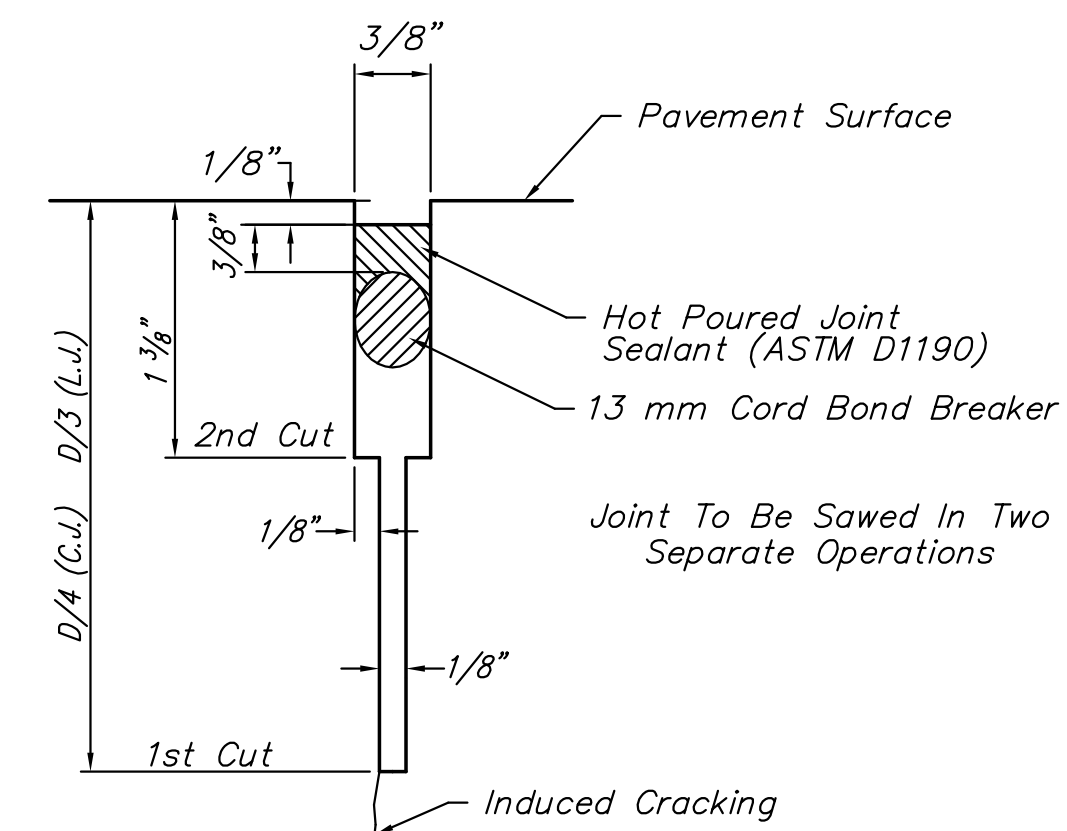
**OPTIONAL LONGITUDINAL JOINT DETAIL (L.J.)**



**OPTIONAL CONTRACTION JOINT**

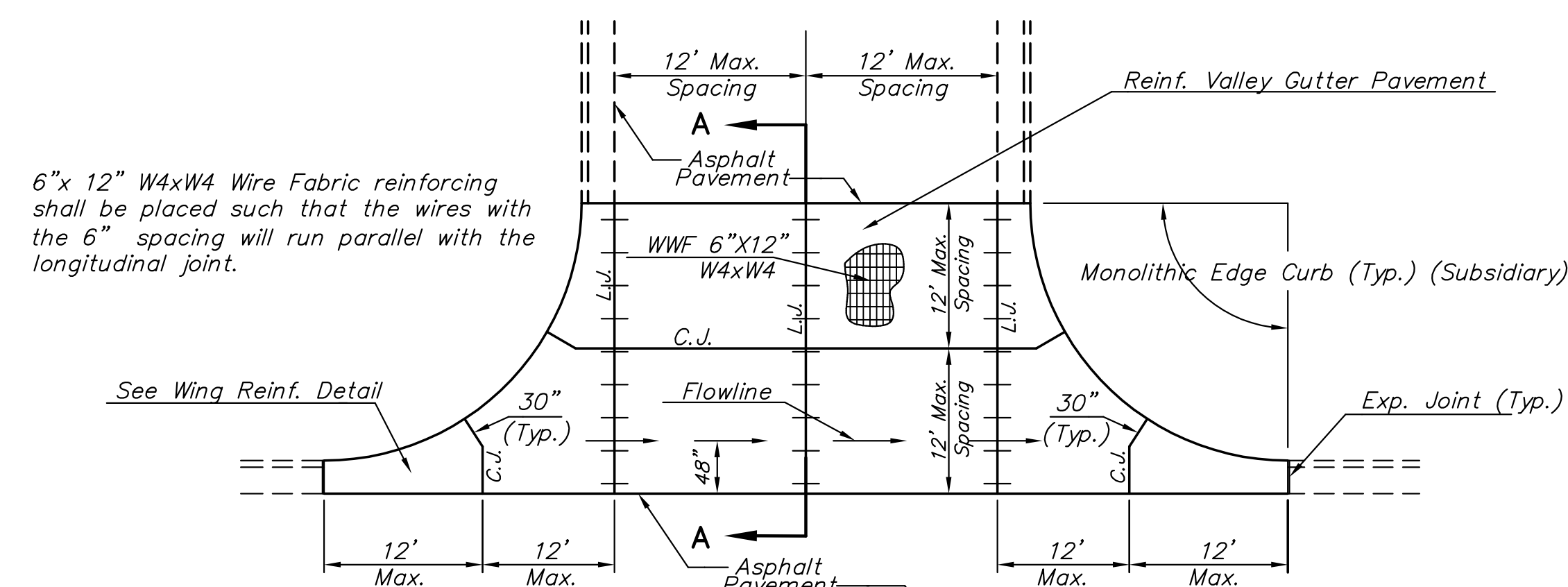


**WING REINFORCING DETAIL**

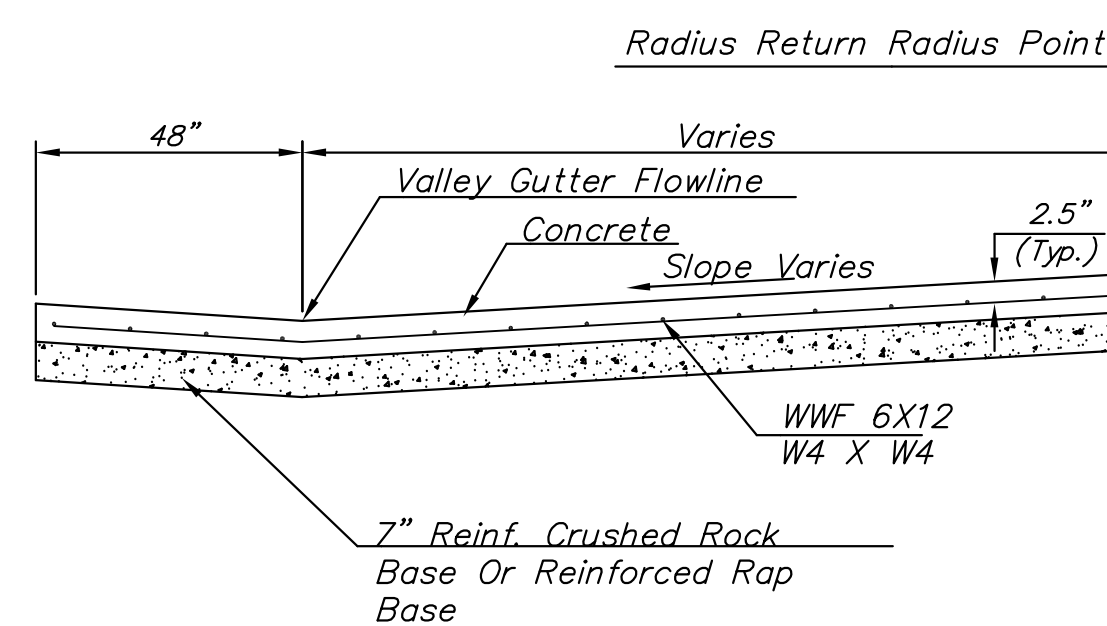


**SAW JOINT DETAIL**

D = 8"



**PLAN**



**SECTION A-A**

**REINFORCED VALLEY GUTTER DETAIL**

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KANSAS DEPARTMENT OF TRANSPORTATION

**OLIVER IMPROVEMENTS  
VALLEY GUTTER DETAILS**

PROJECT NO. 87 N-0357-01 SEDGWICK CO.

**M K E C ENGINEERING CONSULTANTS, INC.**  
WICHITA, KANSAS

DESIGNED BY: JRA	CHECKED BY: JRA
DRAWN BY: JSB	DATE: DEC. 2005 SHEET 52 OF 185