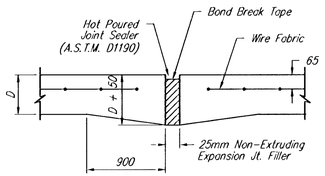
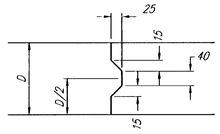
FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87 N-0229-01 CMQ-N022 (901)	2004	18	62

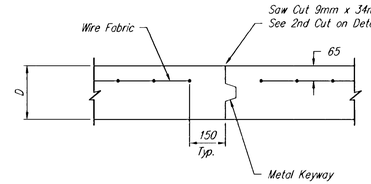


EXPANSION JOINT

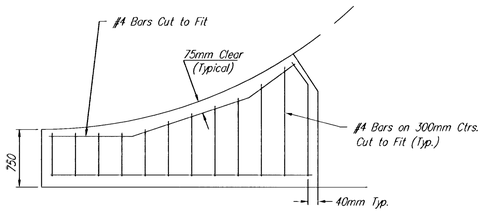
NOTE: Extra Thickness to be Subsidiory to Price of Square Meters Pavement



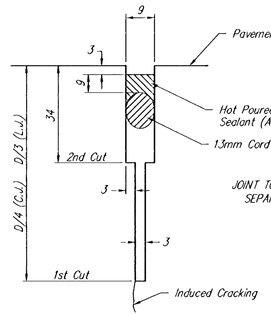
KEYWAY DETAIL



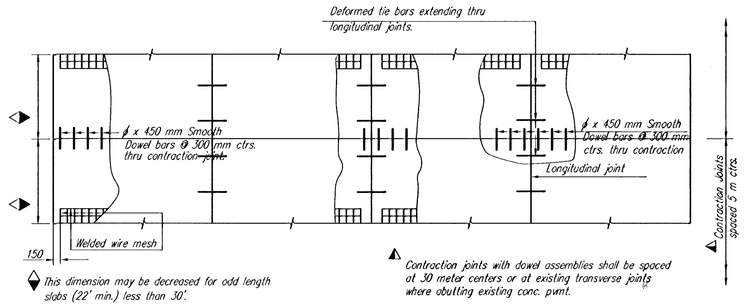
OPTIONAL CONTRACTION JOINT



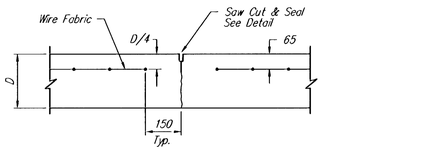
WING REINFORCING DETAIL



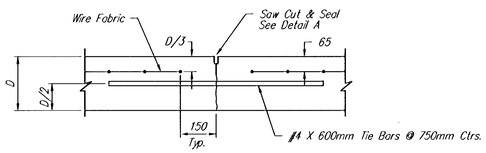
SAW JOINT DETAIL



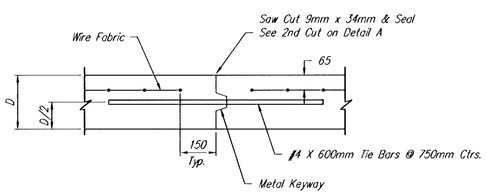
PLAN
(4 – LANE SHOWN)



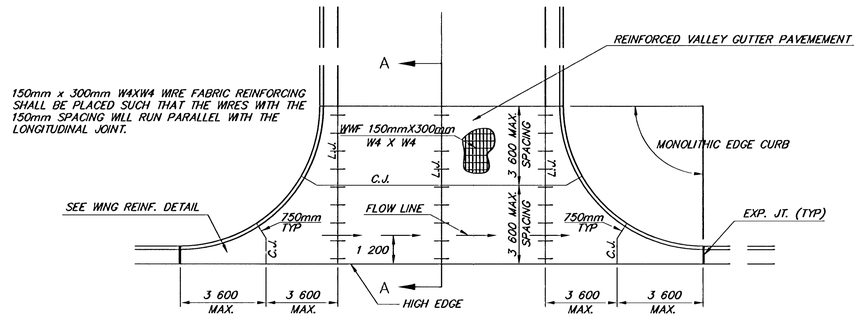
CONTRACTION JOINT DETAIL (C.J.)



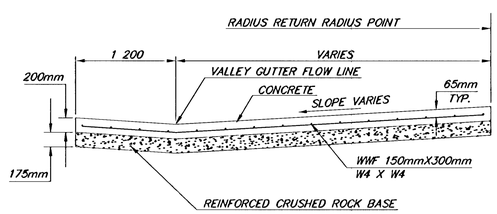
LONGITUDINAL JOINT DETAIL (L.J.)



OPTIONAL LONGITUDINAL JOINT DETAIL (L.J.)

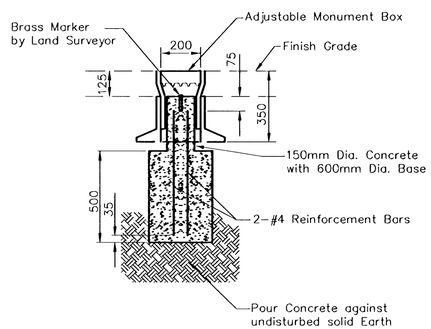


PLAN



SECTION A–A

REINFORCED VALLEY GUTTER DETAIL



MONUMENT BOX DETAIL

VALLEY GUTTER AND PAVEMENT DETAILS

Ruggles & Bohm, P.A.
Engineering, Surveying, Land Planning
924 North Main
Wichita, Kansas 67203
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(316) 264-8008
(316) 264-4621 fax
E-mail: info@rbkansas.com

DESIGN	DRAWN	REVIEW	UTILITY	DATE
MWS	TEB			

RB JOB 1697T

SHEET 18 OF 62

DRAWING FILE	PROJECT NUMBER
(SI)Valley Gutter Details	472-83686