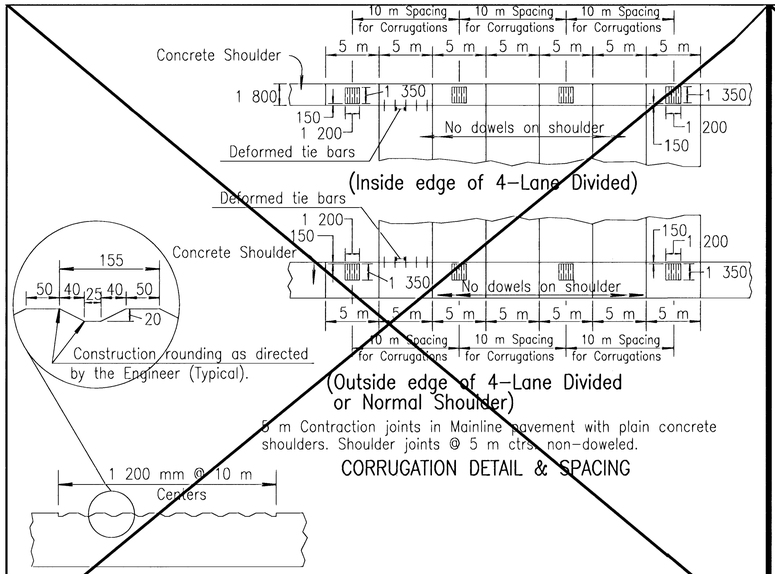
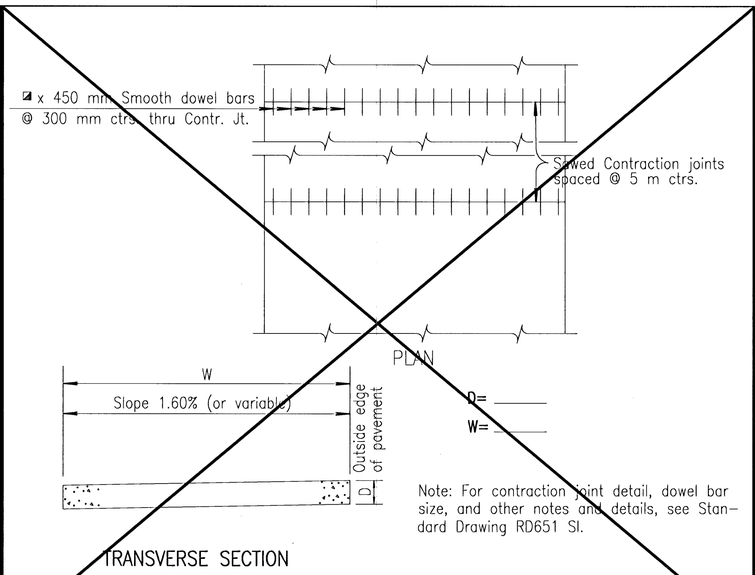
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	STP-NO12 (901)	1999	46	131



6 m Contraction joints in Mainline pavement with plain concrete shoulders. Shoulder joints @ 5 m ctrs, non-doweled.

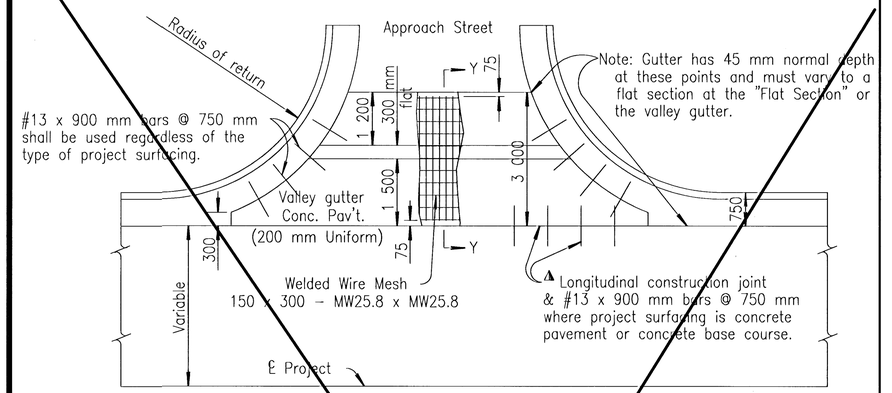
CORRUGATION DETAIL & SPACING

DETAILS OF CONCRETE SHOULDERS



Note: For contraction joint detail, dowel bar size, and other notes and details, see Standard Drawing RD651 SI.

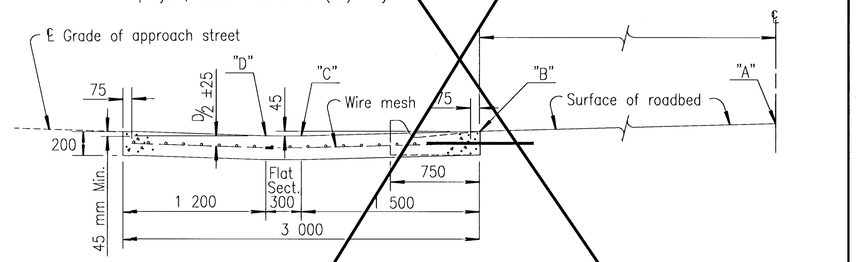
RAMP CONCRETE PAVEMENT



▲ Where the valley gutter does not abut concrete pavement or concrete base course, omit tie bars and Longitudinal construction joint.

PLAN

NOTE: Valley gutter concrete pavement shall be of 200 mm uniform thickness, with welded wire mesh. Approximate mass of welded wire mesh= 2.1 kg/mä.
Where valley gutter, alley, and/or entrance pavement is the only pavement on the project, Class A Concrete (AE) may be used.

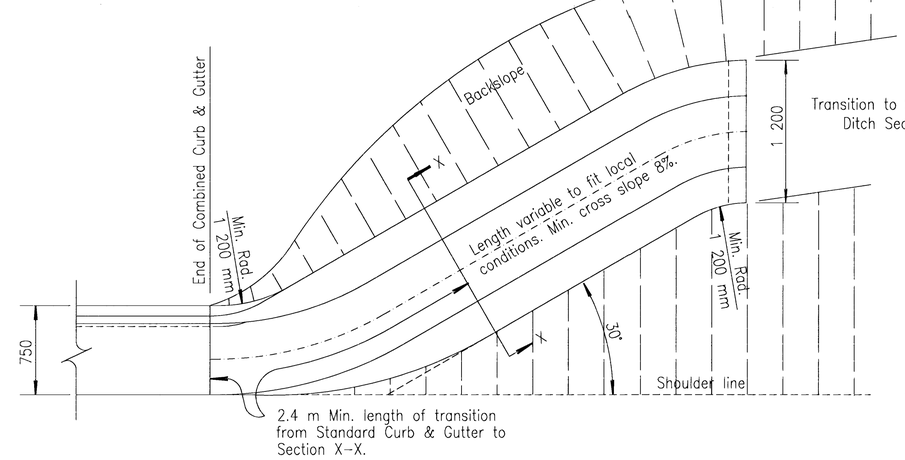


SECTION Y-Y

VALLEY GUTTER SUMMARY

Street	Station	Side	Elev. Pt. "A"	Elev. on ℄ of Approach Str. Pt."B"	Elev. on ℄ of Approach Str. "C" & "D"	Appr. Str. Grade	m² Conc. pavt. (200 mm Uniform)	

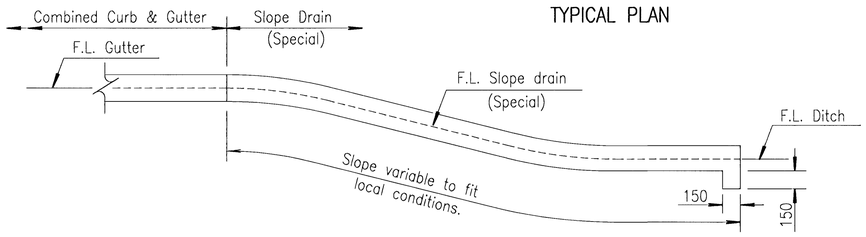
VALLEY GUTTER



TYPICAL PLAN

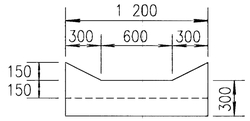
SECTION X-X

Note: Use Class "A" Concrete-AE thruout.
The entire area of the Slope Drain (Special) below the curbs, to be poured and struck off with a uniform thickness of 150 mm. The curbs are to be applied in the same manner and using the same methods as for edge curb.
Reinforcing steel shall be deformed #13 bars.



TYPICAL ELEVATION

SLOPE DRAIN (SPECIAL)



END ELEVATION
(Downstream end)

NO.	DATE	REVISIONS	BY	APP'D
3				
2	1-27-97	Revised Rebar Designation	R.J.S.	J.O.B.
1	9-13-94	Revised shoulder corrugation details	R.J.S.	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION

CONCRETE PAVEMENT AUXILIARY DETAILS-II

RD681 SI SHEET 46 OF 131

FHWA APPROVAL	2-18-97	APP'D. James O. Brewer	
DESIGNED	DETAILED	QUANTITIES	TRACED Bowser
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK. Seitz

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