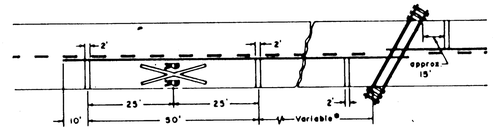
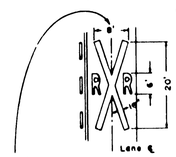
FHWA REGION NO.	STATE	PROJECT NO	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS		19		

WORD & SYMBOL DETAILS (WHITE)

Pavement marking details are shown on a 5mm grid to facilitate enlargement. To obtain characters of any height, divide the desired height in millimetres by 25 and use this value for the side dimension of the grid unit. For example, characters 2.5 meters high will require a grid unit dimension of 100 millimetres. All characters and symbols shall be 8 feet or more in height (Exception; the "R" used for railroad crossings, which is 6 feet).

RAILROAD CROSSING DETAIL





Width may vary according to lane width.

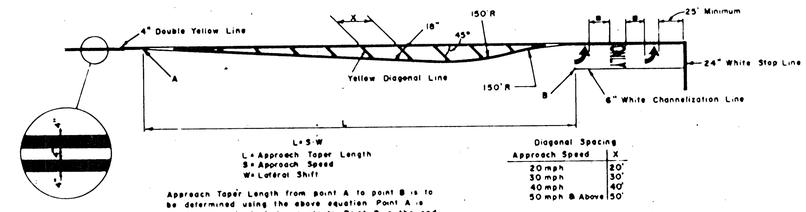
* The distance from the railroad crossing marking to the nearest track will vary according to the approach speed and sight distance of the vehicular traffic approaching, but probably should be not less than 50 feet.

A three-lane roadway should be marked with a centerline for two-lane approach operation on the approach to a crossing.

On multi-lane roads the transverse bands should extend across all approach lanes, and individual RXR symbols should be used in each approach lane.

Refer to Standard Alphabet for Highway Signs and Markings for RXR symbols details.

TYPICAL APPROACH TAPER DETAIL



L = S · W
L = Approach Taper Length
S = Approach Speed
W = Lateral Shift

Approach Taper Length from point A to point B is to be determined using the above equation. Point A is the location at which taper starts. Point B is the end of full width left turn channelization.

* Unless otherwise specified the space between lines should be at least four times the height of the characters for low speed roads but not more than ten times the height of the characters, under any conditions.

Diagonal Spacing

Approach Speed	X
20 mph	20'
30 mph	30'
40 mph	40'
50 mph & Above	50'

For specific pavement marking details and dimensions see plan sheets.

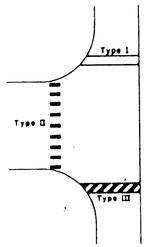
PAVEMENT MARKINGS

LOCATION	Solid WHITE Edge Line	Broken WHITE Lane Line	Dotted WHITE Extension	Solid WHITE Channelization	Solid WHITE Diagonal	Solid WHITE Crosswalk	Solid WHITE Stop Line		Solid YELLOW Median	Solid YELLOW Edge Line	Solid YELLOW Double	Solid YELLOW Diagonal	Broken YELLOW	Solid YELLOW No Passing

WORD & SYMBOL MARKINGS

LOCATION							RXR	STOP	ONLY	X-ING	SCHOOL		

TYPICAL CROSSWALKS



Type I Crosswalk lines shall be solid white lines. They shall not be less than 6" wide and should not be spaced less than 6' apart.

Type II These lines should be solid white 24" wide placed parallel to the direction of traffic flow. The line placement is determined by lane line, center line, and wheel path in such a manner as to minimize traffic wear. The crosswalk width should be not less than 8'. The transverse crosswalk lines may be omitted.

Type III These lines should be solid white 12" to 24" wide, spaced 12" to 24" apart placed at a 45° angle to the line of the crosswalk. The crosswalk width should be not less than 6'. The transverse crosswalk lines may be omitted.

BILL OF MATERIALS

ITEMS	TOTAL	UNITS
COLD PLASTIC MARKING (CL. A)(4")	2705	LIN. FT.
COLD PLASTIC MARKING (CL. A)(6")	300	LIN. FT.
COLD PLASTIC MARKING (CL. A)(12")	615	LIN. FT.
COLD PLASTIC MARKING (CL. A)(18")		LIN. FT.
COLD PLASTIC MARKING (CL. A)(24")	160	LIN. FT.
PAVEMENT MARKING REMOVAL	1000	LIN. FT.
COLD PLASTIC MARKING (CL. B)(4")	9560	LIN. FT.
COLD PLASTIC MARKING (CL. B)(18")	127	LIN. FT.
		LIN. FT.
COLD PLASTIC MARKING (CL. A)		EACH
		EACH
COLD PLASTIC MARKING (CL. A)		EACH
		EACH
COLD PLASTIC MARKING (CL. A)		EACH
		EACH
COLD PLASTIC MARKING (CL. A)		EACH
		EACH
COLD PLASTIC MARKING (CL. A)		EACH
		EACH

NO	DATE	REVISIONS	BY	APP'D
3				
2	7/7/80	RR X-ing Detail	JFF	
1	7/7/80	Word & Symbol Details	JFF	

KANSAS DEPARTMENT OF TRANSPORTATION

COLD PLASTIC
PAVEMENT MARKING

URBAN HIGHWAYS DEPARTMENT STD. NO. 2.1 7/80

SHEET NO. OF	SCALE	APP'D
DESIGNED	DETAILED J.F.F.	QUANTITIES
DESIGN. CK.	DETAIL CK. F.E.T.	QUAN. CK.

27/58