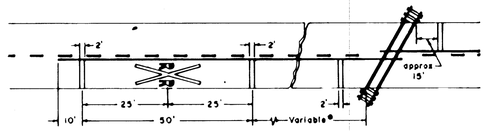
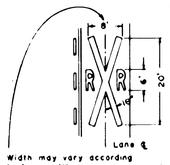
FHWA REGION NO	STATE	PROJECT NO	YEAR	SHEET NO	TOTAL SHEETS
7	KANSAS	87-U-1382-01	1993	102	149

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

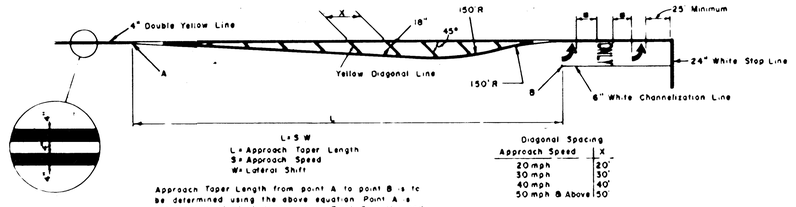
* The distance from the railroad crossing marking to the nearest track will vary according to the approach speed and sight distance of the vehicular traffic approaching, but probably should be not less than 50 feet

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

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

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.

For specific pavement marking details and dimensions see plan sheets.

PAVEMENT MARKINGS

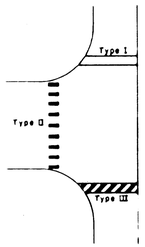
LOCATION	Solid WHITE Edge Line	Broken WHITE Lane Line	Dotted WHITE Extension	Solid WHITE Channelization	Solid WHITE Diagonal	Solid WHITE Crosswalk	Solid WHITE Stop Line		Solid YELLOW Median	Solid YELLOW Edge Line	Solid YELLOW Double	Solid YELLOW Diagonal	Broken YELLOW	Solid YELLOW No Passing
40+50 to 49+30											2120	55		
50+70 to 94+00											8670	55		
40+50 to 43+75	650													
43+75 to 47+25	350													
43+70 to 52+00		300												
52+00 to 63+00		600												
63+00 to 74+00		500												
74+00 to 85+00		520												
85+00 to 94+00		430												
49+70 to 50+30							70							
46+75 to 49+70				295										
45+95 to 49+30				335										
50+30 to 52+50				220										
50+30 to 54+10				380										
50+75 to 53+80				305										
67+50 to 68+90				140										
76+55 to 77+45				90										
81+90 to 90+00				810										
	1,000	2,350		2575			70				10,790	110		

(See Sheet 104 for Recap of Bid Items)

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 6'. 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")		LIN. FT.
COLD PLASTIC MARKING (CL. A)(6")		LIN. FT.
COLD PLASTIC MARKING (CL. A)(12")		LIN. FT.
COLD PLASTIC MARKING (CL. A)(18")		LIN. FT.
COLD PLASTIC MARKING (CL. A)(24")		LIN. FT.
		LIN. FT.
COLD PLASTIC MARKING (CL. B)(4")		LIN. FT.
COLD PLASTIC MARKING (CL. B)(18")		LIN. FT.
		LIN. FT.
COLD PLASTIC MARKING (CL. A)		EACH
COLD PLASTIC MARKING (CL. A)		EACH
COLD PLASTIC MARKING (CL. A)		EACH
COLD PLASTIC MARKING (CL. A)		EACH
COLD PLASTIC MARKING (CL. A)		EACH
COLD PLASTIC MARKING (CL. A)		EACH
		EACH

NO	DATE	REVISIONS	BY	APP'D
3				
2	7-7-80	33 x 42 Deta	JFF	
1	7-1-80	Note 5 "02 Det. 5	FF	

KANSAS DEPARTMENT OF TRANSPORTATION

COLD PLASTIC
PAVEMENT MARKING
WEBB RD.

URBAN HIGHWAYS DEPARTMENT STD NO 2.1 7/80

SHEET NO	OF	SCALE	APP'D Fred C. Evans
DESIGNED		DETAILED J.F.F.	QUANTITIES TRACED
DESIGN CK.		DETAIL CK. F.E.T.	QUAN. CK. TRACE CK.