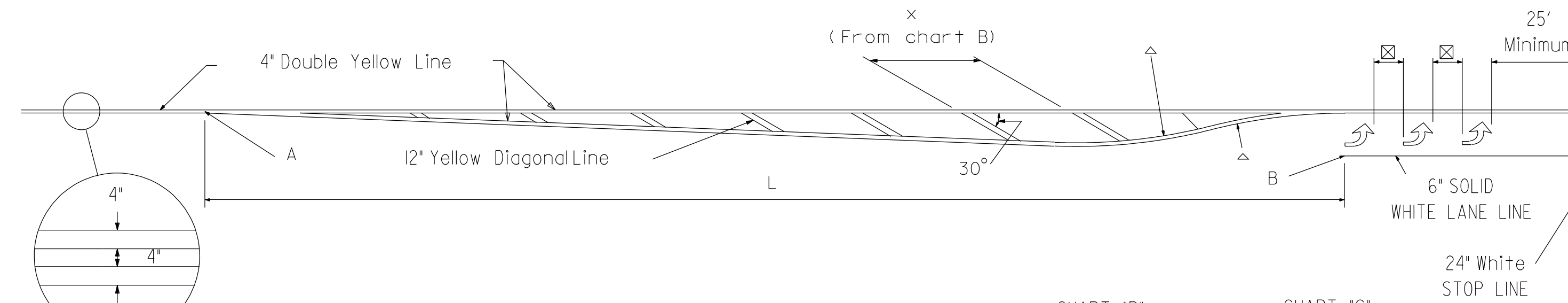


## TYPICAL APPROACH TAPER DETAIL



The approach taper length from point A to point B is to be determined using CHART C. Values for L were calculated using the equations below and increased to the next higher 5 mph increment.

- Speeds < 45 mph  $L = \frac{W \cdot S^2}{60}$   
 - Speeds  $\geq$  45 mph  $L = W \cdot S$

☒ If arrows are used and 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 speeds less than or equal to 40 mph, R=150'.  
 For speeds greater than or equal to 45 mph, R=300'.

CHART 'B'		CHART 'C'	
Approach Speed	x	Approach Speed	L
20 mph	20'	20 mph	80'
25 mph	25'	25 mph	125'
30 mph	30'	30 mph	180'
35 mph	35'	35 mph	245'
40 mph	40'	40 mph	320'
45 mph	45'	45 mph	540'
50 mph	50'	50 mph	600'
55 mph	55'	55 mph	660'
60 mph	60'	60 mph	720'
65 mph	65'	65 mph	780'
70 mph	70'	70 mph	840'

Plotted By : ccabanka  
 Plot File : g:\w\08\0002\ROAD\2\ve309.dgn  
 Plot Date : 8/10/2010  
 \$\$\$KDOT GRP\$\$\$ 6th Floor

3	10/20/2006	RR Xing symbol changed from 18" to 16"	TLH	BDG
2	09/20/2005	Added 4" Solid Yellow Double Line to RR Xing	JFF	BDG
1	07/26/2005	New FHWA Approval Date	JFF	BDG
NO.	DATE		BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION  
TYPICAL  
MISCELLANEOUS  
PAVEMENT MARKING  
DETAIL SHEET

TE309

FHWA APPROVAL	07/26/2005	APP'D	Brian D. Gower
DESIGNED	JFF	DETAILED	JFF
DESIGN CK.	BDG	DETAIL CK.	BDG
		QUANTITIES	TRACED
		QUAN. CK.	TRACE CK.