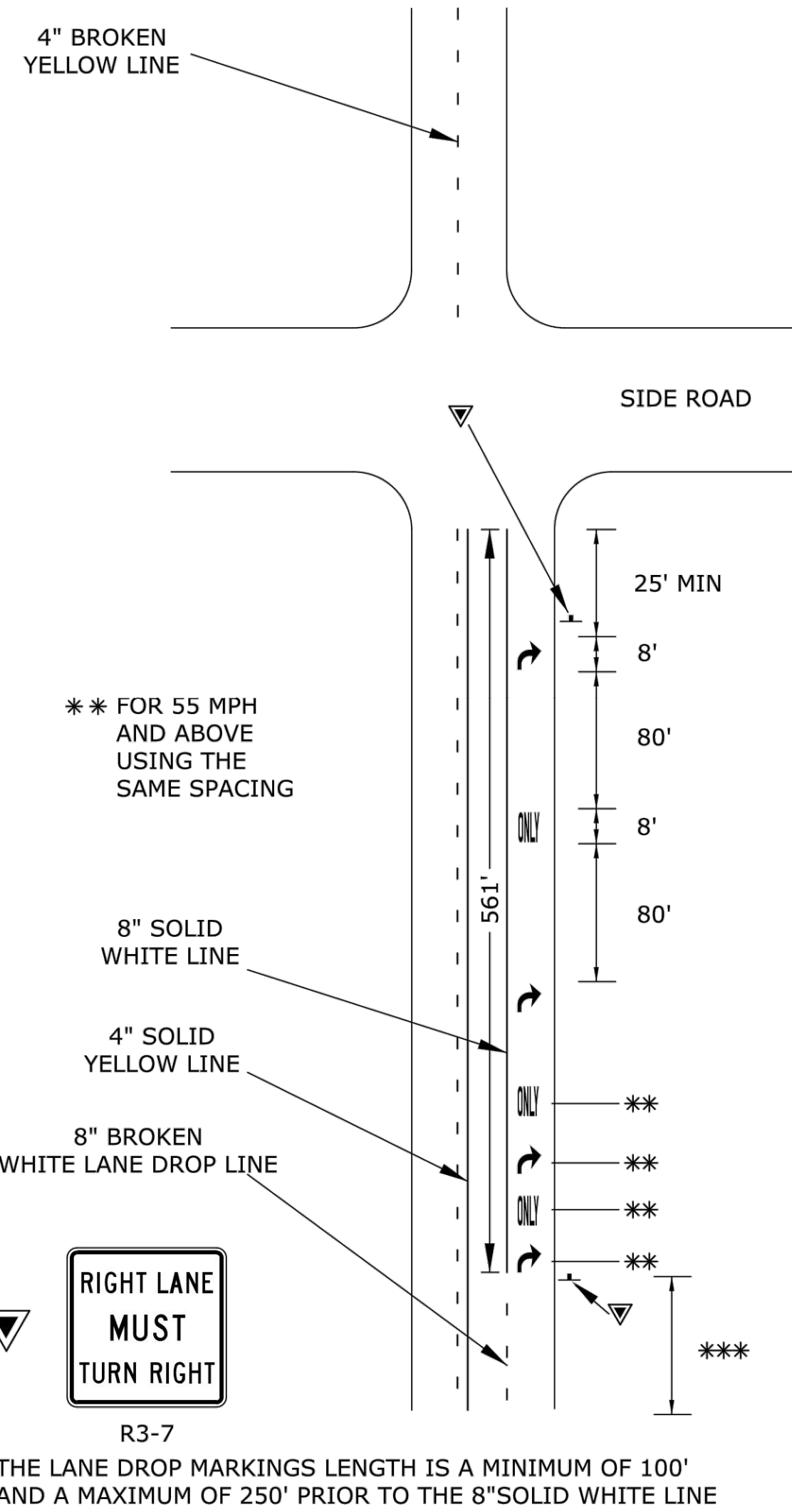


SAVED 9/5/2024 8:36:37 AM BY LUKE.PETER
 PLOTTED 9/12/2024 2:19:15 PM BY LUKE.PETER
 U:\WICHITA-CIVIL\2023\230431000\PEC\DRAWINGS\PHASE 2\TRAFFIC\TRAFFIC STANDARDS.DWG

Plotted : 17-JUL-2018 11:35
 Traffic
 Drawn By : mushock
 File : te309.dgn

TYPICAL SIGNING AND MARKING FOR RIGHT LANE MUST TURN RIGHT



RAILROAD CROSSING MARKING

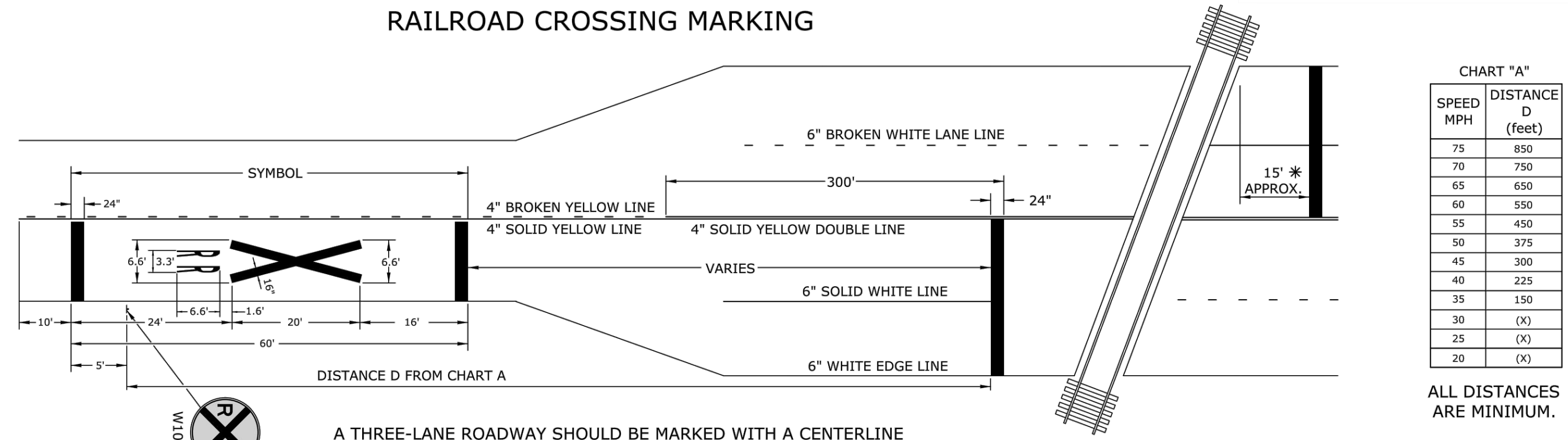


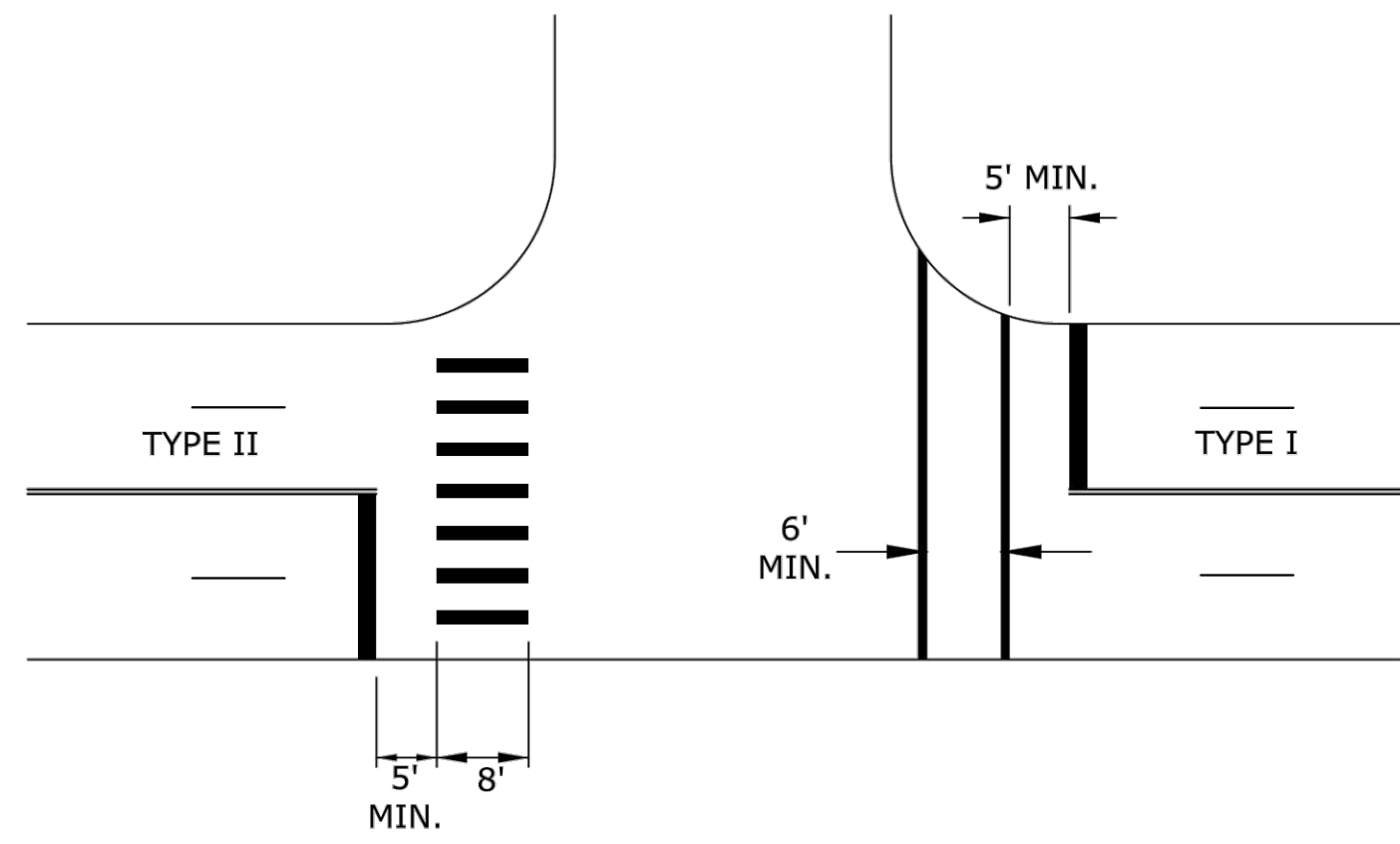
CHART "A"

SPEED MPH	DISTANCE D (feet)
75	850
70	750
65	650
60	550
55	450
50	375
45	300
40	225
35	150
30	(X)
25	(X)
20	(X)

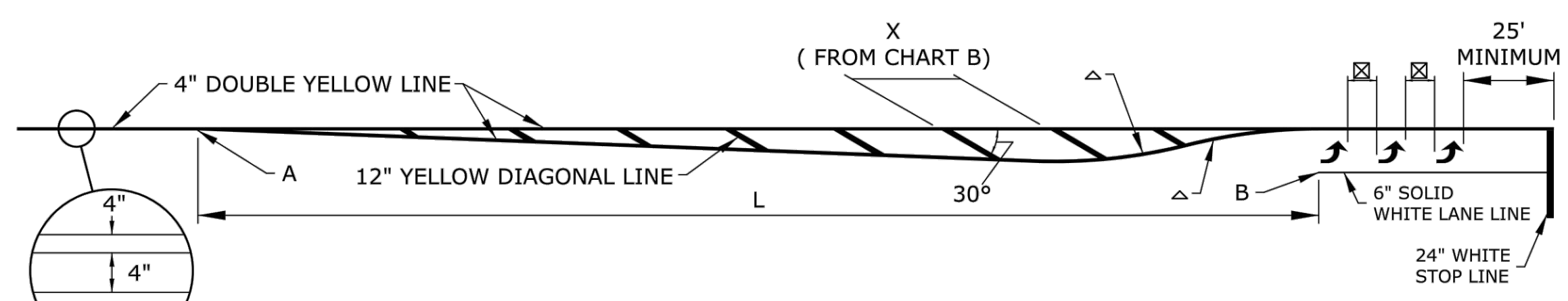
(X) PLACEMENT LOCATION IS DEPENDENT ON SITE CONDITIONS AND OTHER SIGNING TO PROVIDE ADEQUATE ADVANCE WARNING TO THE DRIVER

TYPICAL CROSSWALKS

TYPE I: CROSSWALK LINES SHALL BE 12" SOLID WHITE LINES. THEY SHALL BE SPACED A MINIMUM OF 6' APART FROM INSIDE EDGE TO INSIDE EDGE.
 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 ADDED.
 WHEN REQUIRED, STOP LINES SHALL BE INSTALLED A MINIMUM OF 5' FROM CROSSWALKS.



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 $L = \frac{W * S^2}{60}$
 - SPEEDS = 45 MPH $L = W * S$

CHART "B"

APPROACH SPEED	X
20 MPH	20'
25 MPH	25'
30 MPH	30'
35 MPH	35'
40 MPH	40'
45 MPH	45'
50 MPH	50'
55 MPH	55'
60 MPH	60'
65 MPH	65'
70 MPH	70'

CHART "C"

APPROACH SPEED	L
20 MPH	80'
25 MPH	125'
30 MPH	180'
35 MPH	245'
40 MPH	320'
45 MPH	540'
50 MPH	600'
55 MPH	660'
60 MPH	720'
65 MPH	780'
70 MPH	840'

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'.

KANSAS DEPARTMENT OF TRANSPORTATION
 TYPICAL MISCELLANEOUS PAVEMENT MARKING DETAIL SHEET
 TE309
 FHWA APPROVAL: 7/26/2005 APPD Brian D. Gower
 DESIGNED: J.F.F. DETAILED: J.F.F. QUANTITIES: TRACED
 DESIGN OK: B.D.G. CHECK OK: J.F.F. TRACE OK: J.F.F.
 KDOT Graphics Certified 07-17-2018 Sh. No. XXX



DOWNTOWN TWO-WAY STREET CONVERSION SIGNING & MARKING
CENTRAL BUSINESS DISTRICT WICHITA, KANSAS

Issue:

1	
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JOB NO.	230431-000
DATE	SEPTEMBER 2024
PM	TPA
DESIGNED BY	LGP/SAC
DRAWN BY	CP
CHECKED BY	TPA

PAVEMENT MARKING DETAILS