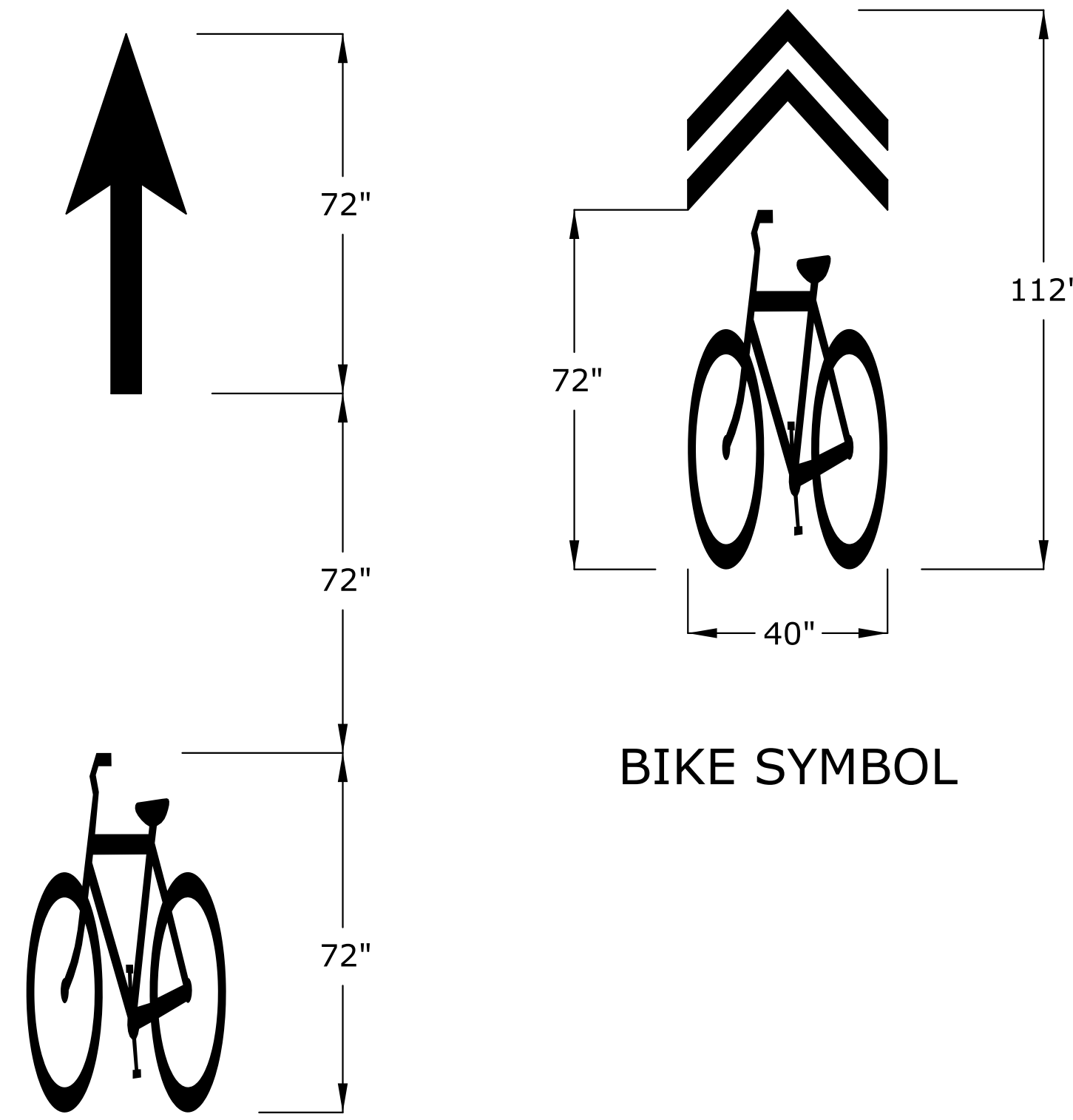


DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	



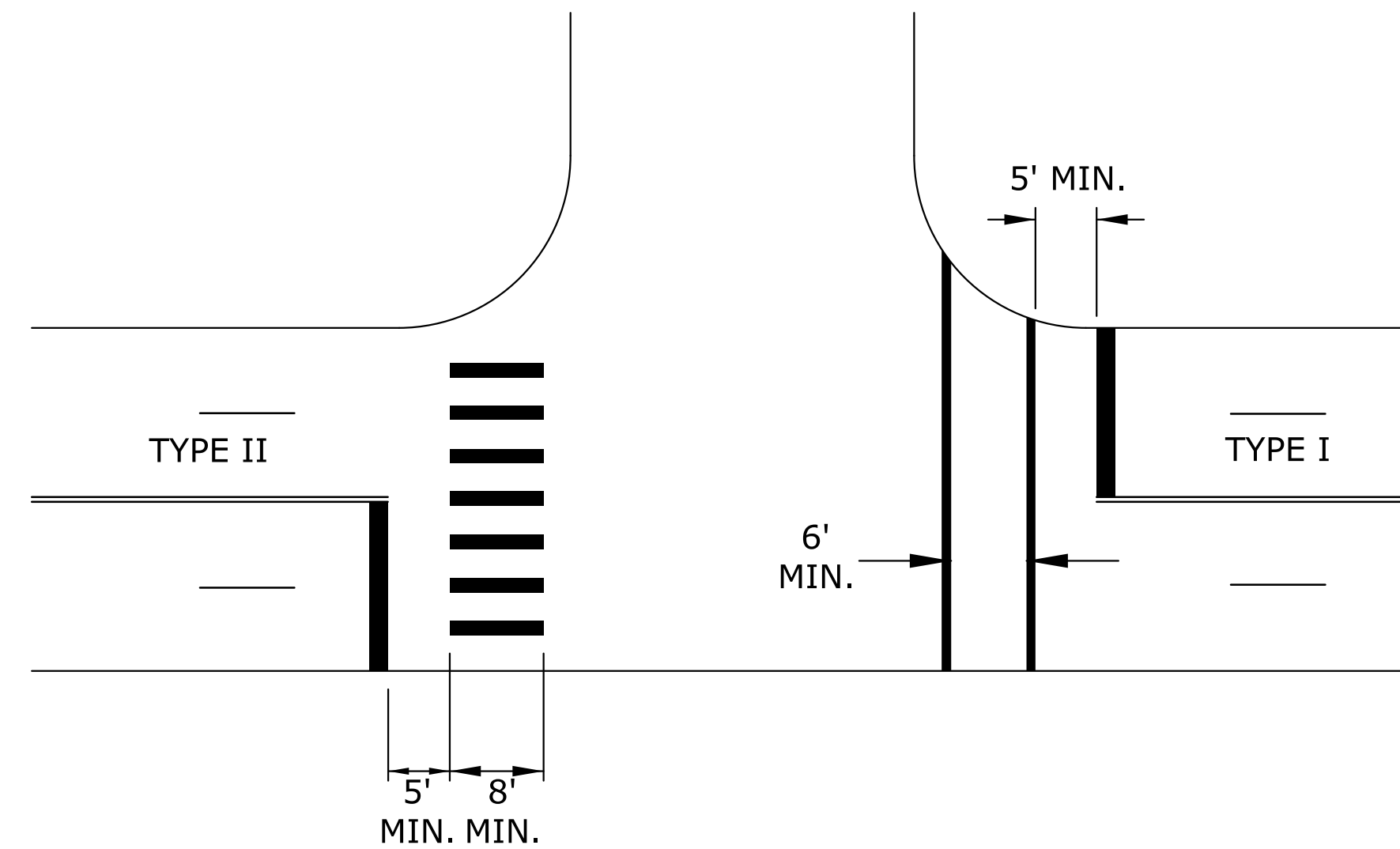
THRU ARROW & BICYCLE SYMBOLS

TYPICAL CROSSWALKS

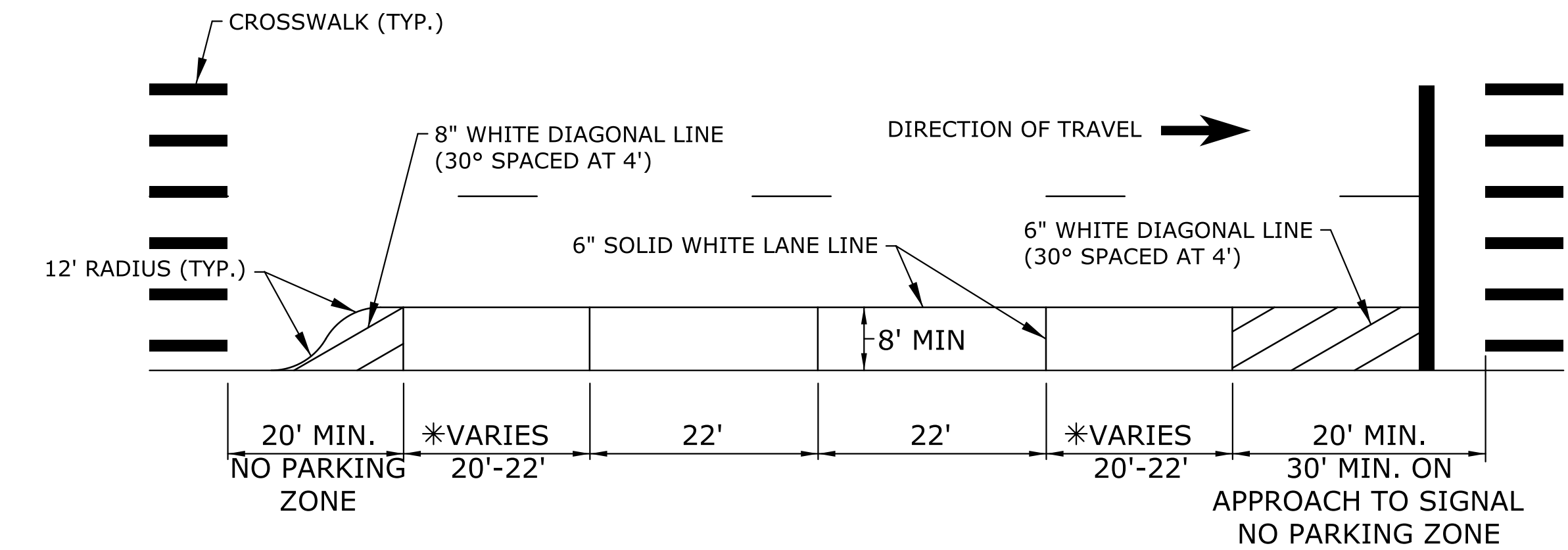
TYPE I: CROSSWALK LINES SHALL BE 12" SOLID WHITE LINES. THEY SHALL BE SPACED A MINIMUM OF 6' APART FROM INSIDE EDGE TO INSIDE EDGE.

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.

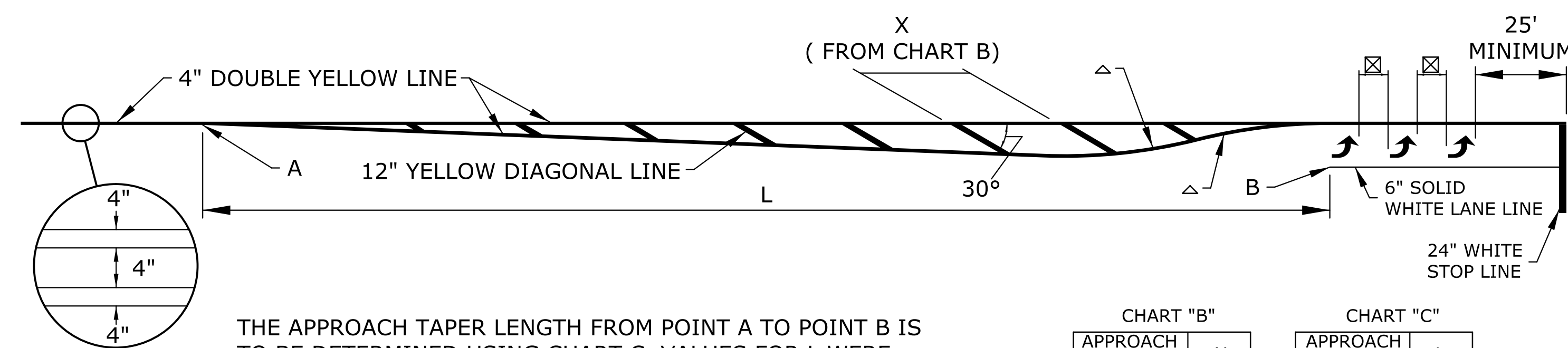


TYPICAL PARKING SPACE MARKINGS



* END SPACES MAY BE 20' ONLY. ALL OTHER PARKING SPACES SHALL BE A MINIMUM OF 22'

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 $L = W * S$

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'

SUMMARY OF PAVEMENT MARKING QUANTITIES

ITEMS	TOTAL	UNITS
PAVEMENT MARKING (EPOXY)(WHITE)(6")	55169	FT
PAVEMENT MARKING (EPOXY)(WHITE)(8")	4162	FT
PAVEMENT MARKING (EPOXY)(WHITE)(12")	542	FT
PAVEMENT MARKING (EPOXY)(WHITE)(24")	5617	FT
PAVEMENT MARKING (EPOXY)(YELLOW)(4")	8710	FT
PAVEMENT MARKING (EPOXY)(YELLOW)(12")	394	FT
PAVEMENT MARKING (EPOXY)(WHITE)(LEFT ARROW)	48	EACH
PAVEMENT MARKING (EPOXY)(WHITE)(RIGHT ARROW)	12	EACH
PAVEMENT MARKING (EPOXY)(WHITE)(THRU ARROW)	116	EACH
PAVEMENT MARKING (EPOXY)(WHITE)(BICYCLE)	120	EACH
PAVEMENT MARKING (EPOXY)(WHITE)(SHARED LANE)	24	EACH
PAVEMENT MARKING (EPOXY)(GREEN)(BICYCLE LANE)	5590	SF
REMOVAL OF EXISTING MARKINGS (GRINDING)	10000	FT

All pavement markings shall be epoxy meeting City of Wichita specifications and special provisions.

Green bicycle lane markings where indicated in the plans shall be skid resistant, retro-reflective and consistent in both color and application. Contractor shall submit to the Engineer a sample of the material for approval prior to placing any green markings.

Removal of existing pavement markings which conflict with proposed pavement markings shall be paid for by the bid item "Removal of Existing Markings (grinding)". All materials, labor and equipment necessary to complete this work shall be included in this bid item, and will be paid for by the linear ft regardless of width removed.

CITY OF WICHITA, KANSAS

TYPICAL MISCELLANEOUS PAVEMENT MARKING DETAILS & SUMMARY OF QUANTITIES