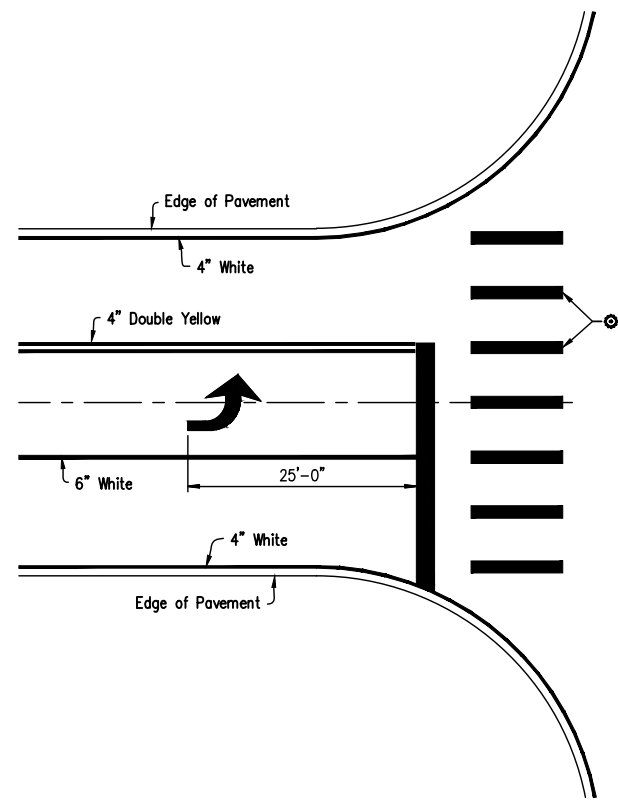
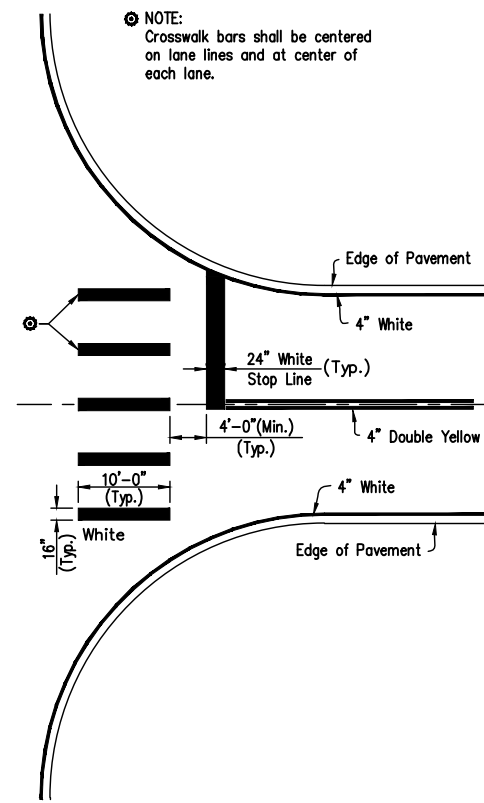


COUNTY	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
SEDGWICK	KANSAS	###	###	###	###

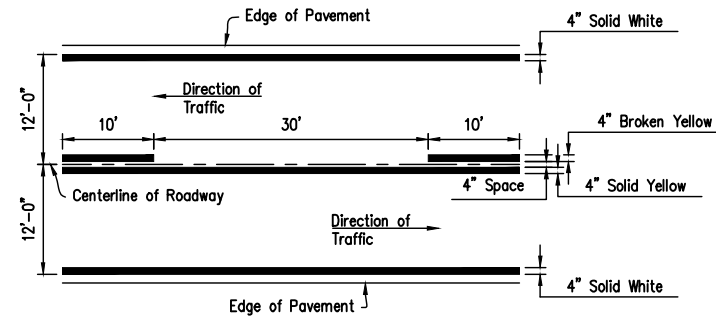


**CROSSWALK MARKING PLAN  
THREE-LANE ROADWAY**

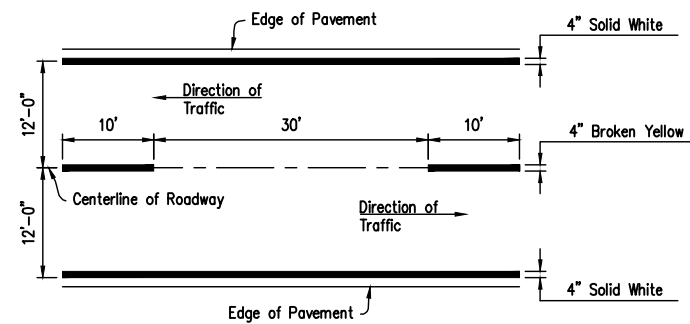


**CROSSWALK MARKING PLAN  
TWO-LANE ROADWAY**

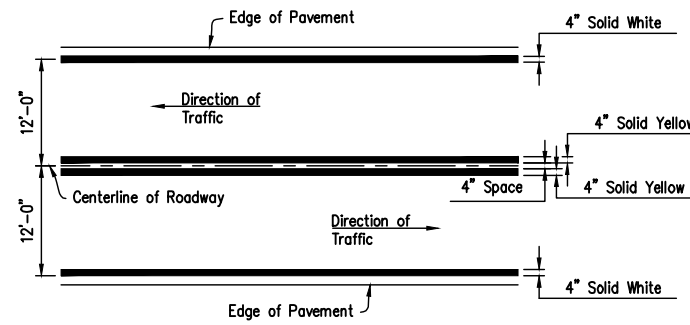
NOTE:  
Crosswalk bars shall be centered on lane lines and at center of each lane.



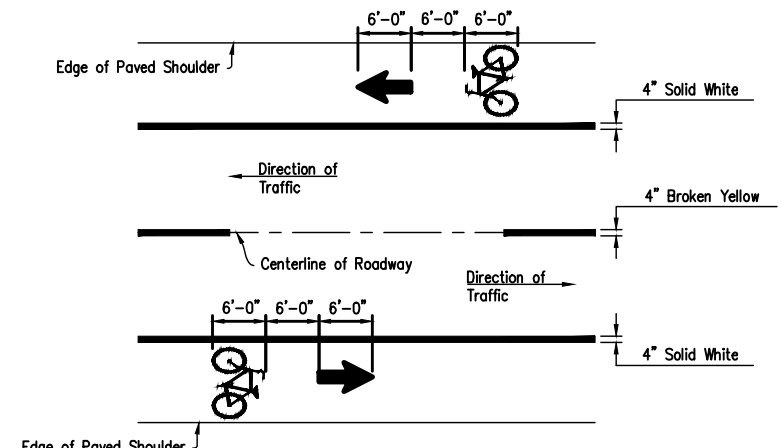
**NO-PASSING (ONE DIRECTION)**



**CENTERLINE (PASSING ALLOWED)**



**NO-PASSING (TWO DIRECTIONS)**



**Shoulder Bike Lane**

NO-PASSING ZONES					
STATIONS		DIRECTION OF TRAVEL	REFERENCE POINTS		
BEGIN	END		SEC. COR.	1/4 COR.	MILE

SUMMARY OF QUANTITIES			
ITEM	QUANTITY	UNITS	
Pavement Marking (Paint)(White)(4")		Lin. Ft.	
Pavement Marking (Paint)(White)(6")		Lin. Ft.	
Pavement Marking (Paint)(Yellow)(4")		Lin. Ft.	
Pavement Marking (Paint)(Yellow)(12")		Lin. Ft.	
Pavement Marking (Paint)(White)(24")		Lin. Ft.	
Pavement Marking Symbol (Paint)(White)(Thru Arrow)		Each	
Pavement Marking Symbol (Paint)(White)(Bicycle)		Each	

CHART "A"	
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 "B"	
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'

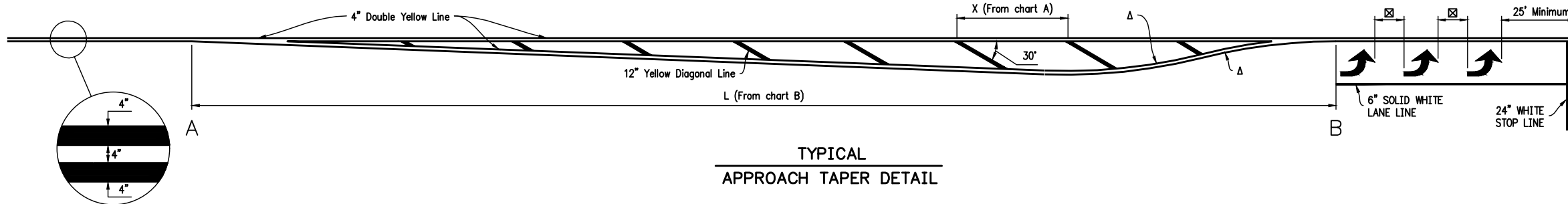
The approach taper length from point A to point B is to be determined using CHART B. Values for L were calculated using the equations below and increased to the next higher 5 mph increment.

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

-Speeds ≥ 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.

Δ For speeds less than or equal to 40 mph, R=150'.  
For speeds greater than or equal to 45 mph, R=300'.



**TYPICAL  
APPROACH TAPER DETAIL**

Rev.Date	Description	By / Chk
3/7/18	Added shoulder Bike Lane Detail	NN /MRB
4/30/09	Added Left Turn Taper Detail	JRW /MRB
2/16/06	Revised Bill of Materials/Removed SI Option	DRS /MRB

####  
**PAVEMENT MARKING PLAN**  
TWO LANE ROADWAY PM 1-0

PREPARED BY  
SEDGWICK COUNTY PUBLIC WORKS  
HIGHWAY DEPARTMENT

DAVID C. SPEARS, P.E. DIRECTOR/COUNTY ENGINEER

SCALE	DESIGNED	DRAWN	CHECKED	SHEET NO.
NONE	M.R.B.	D.R.S.	M.R.B.	###
DATE	4/2005	4/2005	4/2005	###

DWG: PM1-0