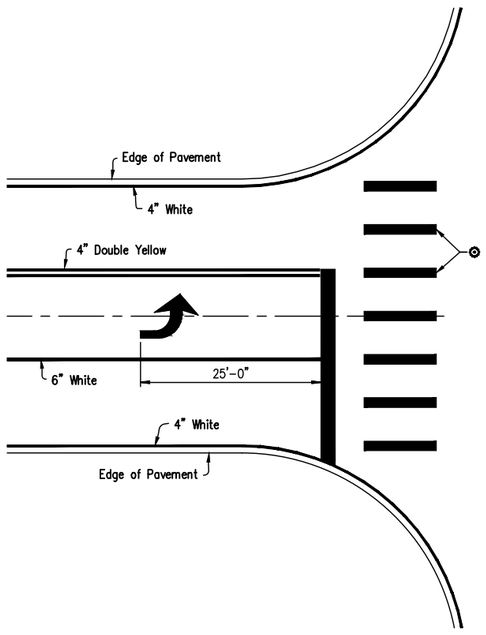
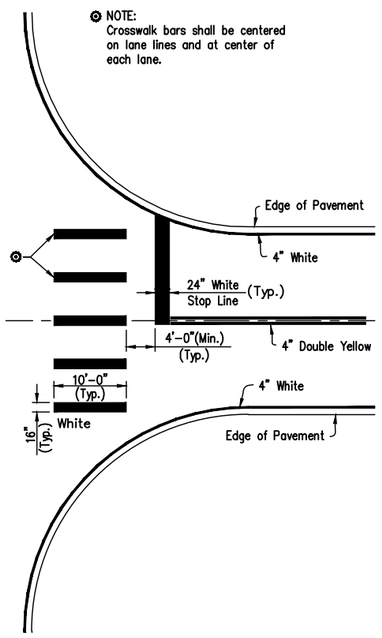
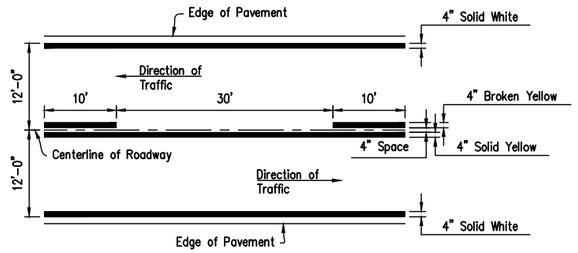
COUNTY	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
SEDGWICK	KANSAS	####	####	####	####



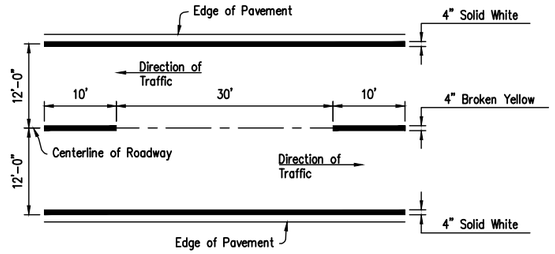
CROSSWALK MARKING PLAN
THREE-LANE ROADWAY



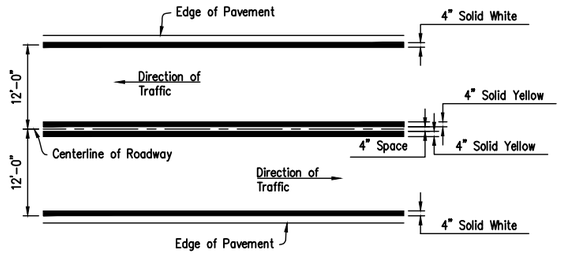
CROSSWALK MARKING PLAN
TWO-LANE ROADWAY



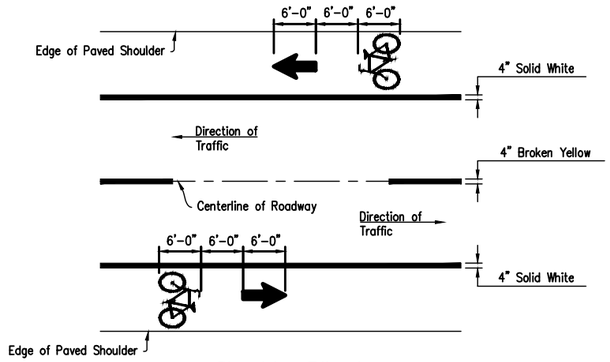
NO-PASSING (ONE DIRECTION)



CENTERLINE (PASSING ALLOWED)



NO-PASSING (TWO DIRECTIONS)



Shoulder Bike Lane

NO-PASSING ZONES

STATIONS BEGIN	STATIONS END	DIRECTION OF TRAVEL	REFERENCE POINTS SEC. COR.	REFERENCE POINTS 1/4 COR.	REFERENCE POINTS MILE

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 $L=\frac{W*S^2}{60}$

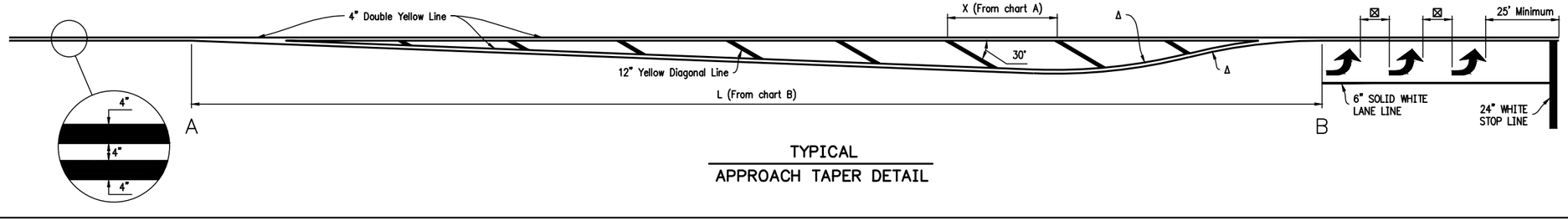
-Speeds ≥ 45 mph $L=W*S$

☒ 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.

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

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'



TYPICAL
APPROACH TAPER DETAIL

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

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
JAMES WEBER, 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

Device: DWG To PDF.pc3 Page Setup: ---- By: Nixon, Nathan G.
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