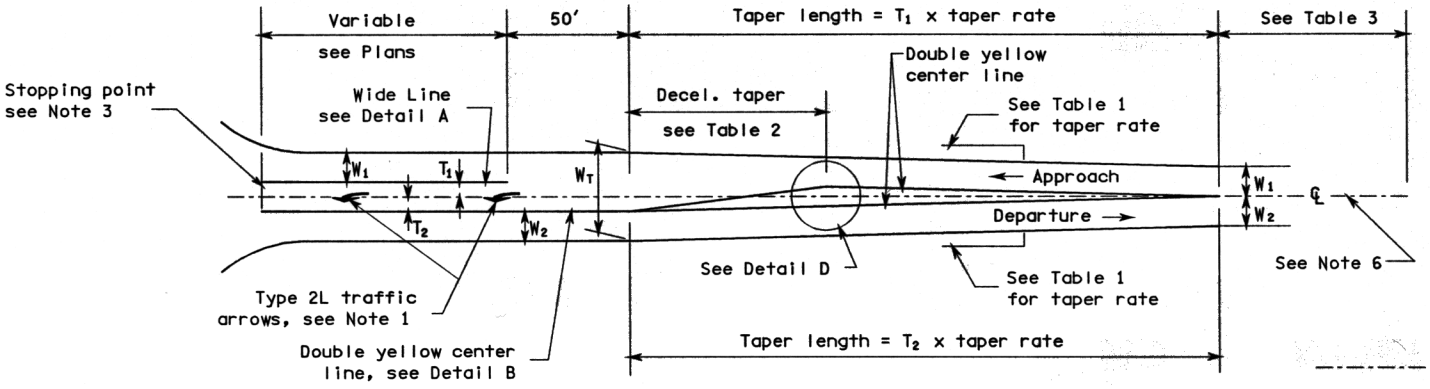
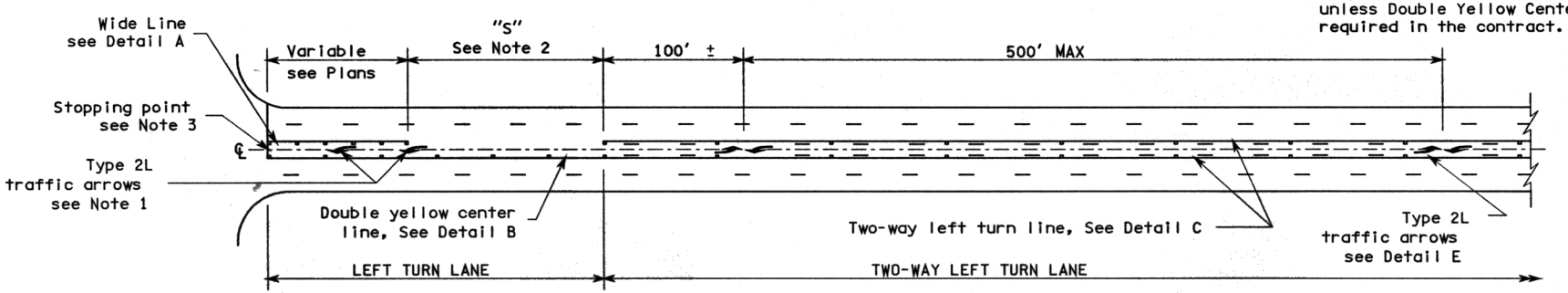


LEFT TURN LANE

NOTES:

1. First Type 2L arrow is installed 50' back of stop bar or crosswalk. Second arrow is located 100' back, or at left turn pocket.
2. "S" = 140' for posted speed < 50 MPH.
   "S" = 170' for posted speed ≥ 50 MPH.
3. Stopping point shall be marked with stop bar only when mainline movement is controlled by a stop sign or traffic signal.
4. Raised pavement markers shall be installed only when specified in the Contract Plans.
5. See Standard Plan H-3 for marker designation.
6. No Pass Line on approach side with skip center line on departure side unless Double Yellow Center Line is required in the contract.



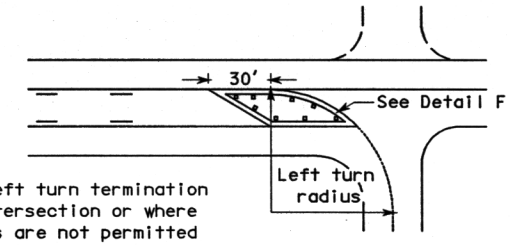
TWO-WAY LEFT TURN LANE

TABLE 1	
Posted Speed	Taper Rate
60 mph	60:1
55 mph	55:1
50 mph	50:1
45 mph	45:1
40 mph	40:1
35 mph	35:1
30 mph	30:1
25 mph	25:1

TABLE 2	
Posted Speed	Decel. Taper Length
60 mph	180'
55 mph	165'
50 mph	150'
45 mph	135'
40 mph	120'
35 mph	105'
30 mph	90'
25 mph	75'

TABLE 3	
Posted Speed	No pass length (Minimum)
60 mph	790'
55 mph	725'
50 mph	660'
45 mph	590'
40 mph	360'
35 mph	260'
30 mph	200'
25 mph	150'

W_1 = Approaching through lane
W_2 = Departing lane
T_1 = Width of left turn lane on approach side of ℄
T_2 = Width of left turn lane on departure side of ℄
W_T = Total width of channelization ($W_1 + W_2 + T_1 + T_2$)



Two way left turn termination at tee intersection or where left turns are not permitted and two way left turn is not continued beyond intersection.

END TWO-WAY LEFT TURN LANE

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS IT IS THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR THE CONSTRUCTION AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. COPIES ARE AVAILABLE UPON REQUEST.

DATE	REVISION
5/00	CHANGE "CORE STRIPE" TO "WIDE LINE", TRAFFIC ARROWS TO NARROW TRAFFIC ARROWS FOR 60 mph TO TABLE 1, 2, AND 3. NOTE 6.

TOBY D. RICKMAN
STATE OF WASHINGTON
24655
REGISTERED
PROFESSIONAL ENGINEER

EXPIRES OCTOBER 26, 2000

PAVEMENT MARKING DETAILS

STANDARD PLAN H-3a

SHEET 1 OF 2 SHEETS

CITY OF RENTON

ADOPTED
CITY OF RENTON
STANDARD PLANS

LAST DATE: 06/23/2000

SP PAGE **H008.1**