

DETAIL NOTES:

- L.T.S.L. = LEFT TURN STORAGE LENGTH (FEET)
- O.L. = OPENING LENGTH (FEET)
- C.T.L. = CURVE TRANSITION LENGTH (FEET)
- L.O.T. = LENGTH OF TAPER (FEET)
- W.T. = WIDTH OF TURNING LANE (FEET)
- R = RADIUS OF TRANSITION CURVE (FEET)
- S.L. = SPEED LIMIT (M.P.H)

ADDITIONAL LEFT TURN STORAGE FOR TRUCKS AT UNSIGNALIZED INTERSECTIONS						
LEFT TURN STORAGE LENGTH REQ'D	% TRUCKS IN LEFT TURN MOVEMENT					
	10	20	30	40	50	
102'	24'	24'	51'	51'	51'	
150	24'	51'	51'	75'	75'	
201'	24'	51'	75'	99'	99'	
STORAGE LENGTH TO BE ADDED TO LEFT TURN STORAGE LENGTHS						


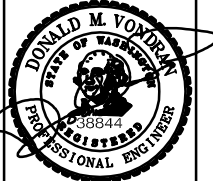
L.T.S.L.	LENGTH BASED UPON EXPECTED QUEUE LENGTH	
O.L.	OPENING TO BE 102' UP TO 35 MPH, INCREASE 20' FOR EACH ADDITIONAL 5 MPH OF DESIGN SPEED	
S.L.	< 45 MPH	> 45 MPH
C.T.L. #	84.0 FT (TYP.)	119.4 FT (TYP.)
R	150 FT	300 FT
L.O.T.	$\frac{W.T.}{120} \times (S.L.+5)^2$	$\frac{W.T.}{2} \times (S.L.+5)$
W.T.	12 FT (MIN.)	12 FT (MIN.)

base on W.T. = 12'

NOTE:

REFER TO CITY OF COVINGTON STANDARD DETAILS 405 THRU 409 FOR ADDITIONAL INFORMATION ON LANE MARKINGS.

** MAY BE REDUCED WITH APPROVAL OF THE CITY TRAFFIC ENGINEER

	<p>City of Covington</p> <hr/> <p>Public Works</p> <hr/> <p>Community Development</p>		<p>SYMMETRICAL LEFT TURN POCKET DETAIL</p>	<div style="border: 2px solid black; padding: 5px; font-size: 24pt; font-weight: bold;">410</div> <p>Revision Date July 2009</p>
<p>This document has been signed electronically in accordance with WAC 196-23-070 and Chapter 19.34 RCW. Unauthorized alteration of any of the information on this document will invalidate the document, my certification and signature.</p>				