



**TABLE 1 (DECELERATION LENGTH)  
DESIGN SPEED DIMENSIONS IN FT.**

30 MPH	160
35 MPH	220
40 MPH	275
45 MPH	350
50 MPH	425

DESIGN SPEED	DIMENSIONS IN FT.				DESIGN SPEED	DIMENSIONS IN FT.
	A(RAD.)	B(RAD.)	C	D		
DS > 35 MPH	150	150	86	50	DS > 45 MPH	300
DS ≤ 35 MPH	50	50	49	50	DS ≤ 45 MPH	150

**NOTES:**

1. VEHICLE STORAGE LENGTHS DEPEND ON LOCAL TRAFFIC NEEDS AS DEMONSTRATED IN THE APPROVED TRAFFIC STUDY.
2. DIMENSIONS ASSUME SINGLE LEFT TURN LANE WITH A CURBED MEDIAN.
3. FOR ADDITIONAL INFORMATION, REFER TO THE CURRENT AASHTO MANUAL.
4. PRIOR TO USING ANY OTHER OPTION FOR TURN LANE TAPERS, APPROVAL FROM THE CITY ENGINEER IS REQUIRED.



**AUXILIARY LANES**

CITY OF VANCOUVER  
DEPARTMENT OF PUBLIC WORKS  
TRANSPORTATION DIVISION

DRAWN BY	APPROVED BY	APPROVAL DATE
CDC	<i>M.H.H.</i>	8/04
REVISION	APPROVED BY	APPROVAL DATE
7	<i>M.H.H.</i>	3/24

STD. PLAN NO.  
**T04-05**