


DESIGN SPEED MPH	LANE DROP (L) IN FEET		D (FEET)
	LANE REDUCTION LENGTH (= SPEED × SHIFT WIDTH)		
	11' LANES	12' LANES	
30	495'	540'	460' [I]
35	580'	630'	565' [I]
40	660'	720'	670' [I]
45	745'	810'	775' [I]
50	825'	900'	885' [I]
55	910'	990'	990' [I]

DESIGN NOTES:

- A. FOR DESIGN ONLY - DO NOT INCLUDE IN PLAN SETS.
- B. DESIGN TABLE VALUES FOR LANE DROP LENGTHS MAY BE USED FOR 5 LANE TO 2 LANE TRANSITIONS, ON TANGENT SECTIONS, CENTERED ON THE EXISTING TRAVELED WAY. OTHER TRANSITIONS SHALL REFER TO THE APPROPRIATE CHAPTERS OF THE LATEST IDOT BLR OR BDE MANUAL.
- C. SHIFT WIDTH (W) FOR 11' LANES AND 11' MEDIAN EQUALS 16.5', (11'+5.5').
- D. SHIFT WIDTH (W) FOR 12' LANES AND 12' MEDIAN EQUALS 18', (12'+6').

REFERENCE:

- I. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 EDITION (USDOT-FHWA), TABLE 2C-4, CONDITION "A".

REVISIONS	DATE		APPROVED BY: M. G. ZEMAITIS
TAPER TABLE VALUES	7-1-12		DATE: APRIL 1, 2007
5 LANE TO 2 LANE DROP OR ADD		LC0012	