



$$A = 2 \left(\frac{L}{Y + 2r} \right)$$

$$C = 3 \left(\frac{L - A}{Y} \right)$$

LEGEND

- R = RADIUS, INSIDE EDGE OF LEFT TURN LANE, FT.
- Y = OFFSET, OUTER EDGE OF ISLAND TO CENTERLINE, FT.
- W = WIDTH OF THROUGH LANE, FT.
- VA = 85 PERCENTILE SPEED, mph.
- WL = WIDTH OF LEFT TURN LANE, FT.

DESIGN CRITERIA					
VA	L	R	T WL=10	T WL=11	T WL=12
30	200	90	109	114	119
40	200	480	138	145	151

NOTE:
PAVEMENT MARKINGS TO BE DONE
BY MAINTENANCE DIVISION.

Transition for Left Turn Lane With Raised Median
30 & 40 mph Design