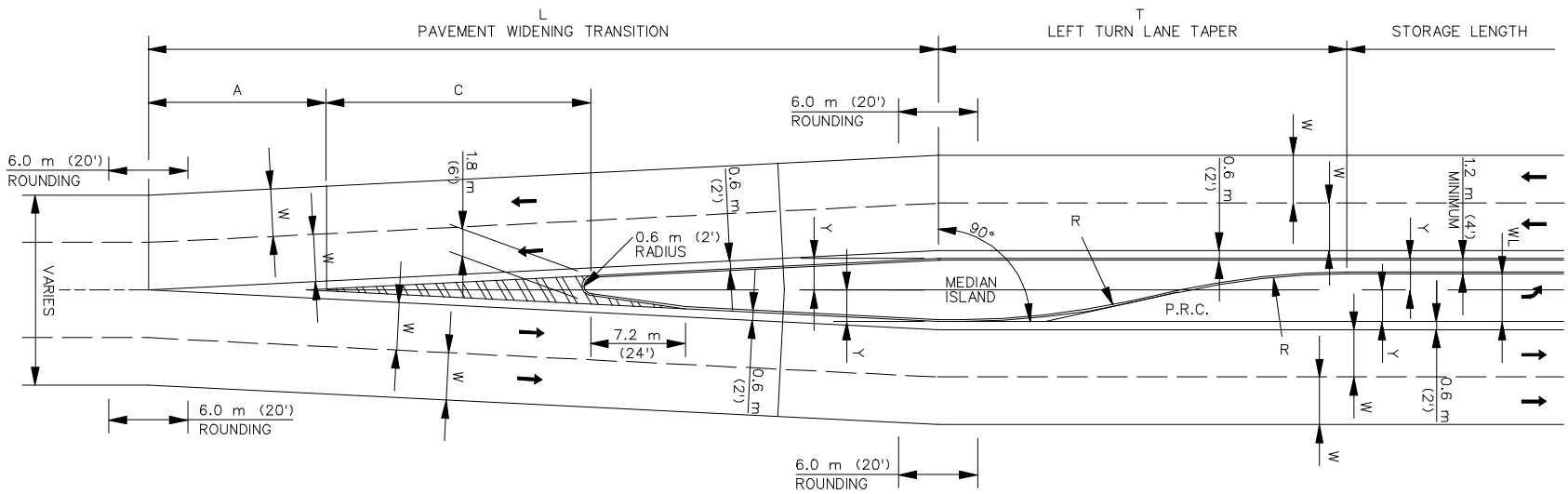

$$A = \left(\frac{L}{(Y+0.6\ m\ (2'))}\right)(0.6\ m\ (2'))$$

$$C = \left(\frac{L - A}{Y}\right)(0.9\ m\ (3'))$$

DESIGN CRITERIA					
VA	L	R	T WL=3.0/10	T WL=3.3/11	T WL=3.6/12
50/30	60/200	90/300	33/109	35/114	36/119
70/40	60/200	145/480	42/138	44/145	46/151

LEGEND

R = RADIUS. INSIDE EDGE OF LEFT TURN LANE, m/FT

Y = OFFSET, OUTER EDGE OF ISLAND TO CENTERLINE, m/FT

W = WIDTH OF THROUGH LANE, m/FT

VA = 85 PERCENTILE SPEED, km/h /MPH

WL = WIDTH OF LEFT TURN LANE, m/FT

NOTE: PAVEMENT MARKINGS TO BE DONE BY MAINTENANCE DIVISION.

Transition for Left Turn Lane With Raised Median
50 & 70 km/h Design (30 & 40 mph Design)

Figure 4-05.1