TWO LANE TO FOUR LANE TRANSITION:
LEFT ROADWAY CENTERED ON APPROACH ROADWAY

22' MEDIAN

40' MEDIAN

64' MEDIAN
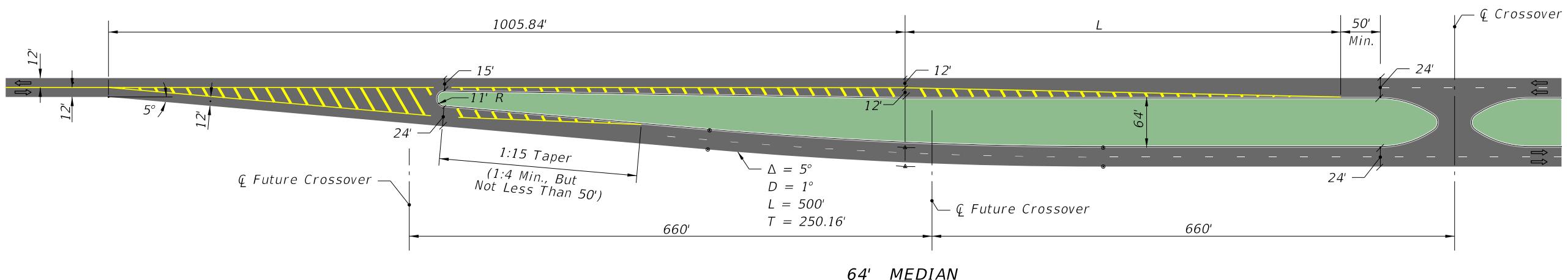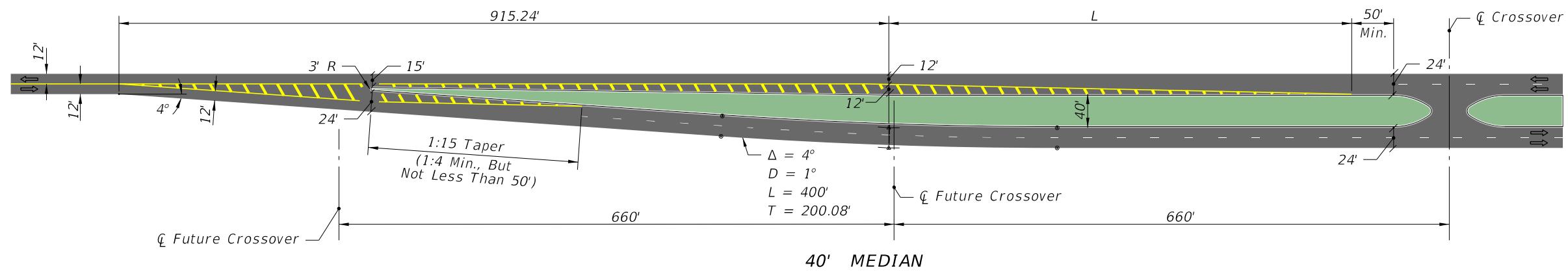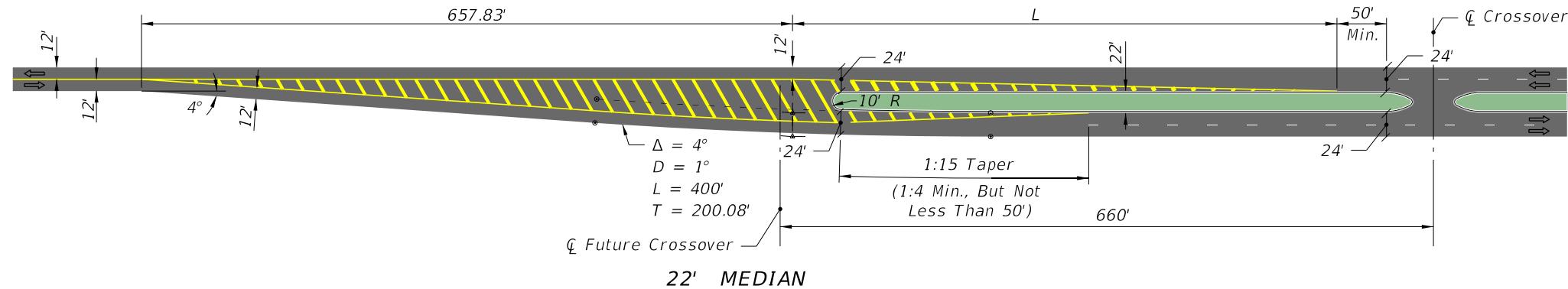
$$L = \frac{WS^2}{60} \quad \text{FOR DESIGN SPEEDS} \leq 40 \text{ mph}$$

$$L = WS \quad \text{FOR DESIGN SPEEDS} \geq 45 \text{ mph}$$

WHERE: L = LENGTH OF TAPER, FEET
W = WIDTH OF LATERAL TRANSITION, FEET
S = DESIGN SPEED, mph

NOTES FOR EXHIBITS 210-3 THRU 210-6:

1. The transition details as represented on Exhibits 210–3 thru 210-6 are intended as guidelines only. The transition lengths, curved data, nose radii and offsets are based upon tangent alignment, design speeds ≤ 45 mph, and the median and lane widths shown.

2. Approach lane departures (Δ = 5°) are suitable for design speeds up to 60 mph. Interior curves (D = 1°) in normal crown may be used with design speeds up to 45 mph. Merging curves (D ≥ 5°) will require superelevation.

NOT TO SCALE

EXHIBIT 210-3
01/01/2025