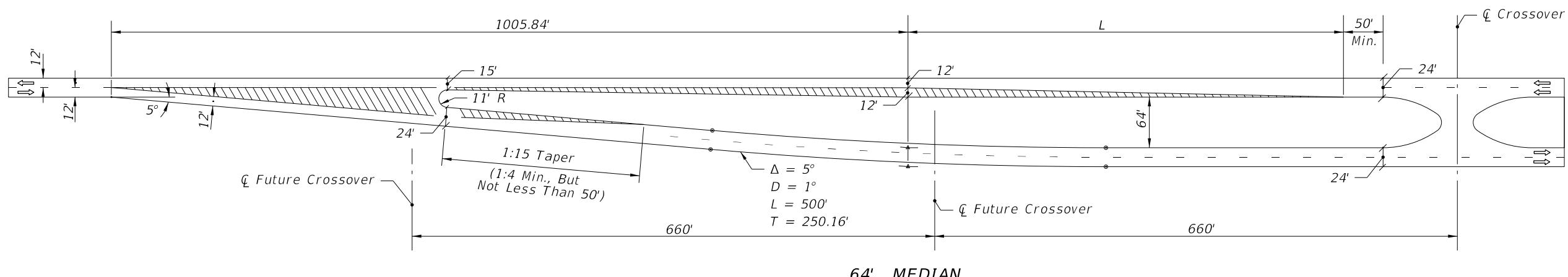
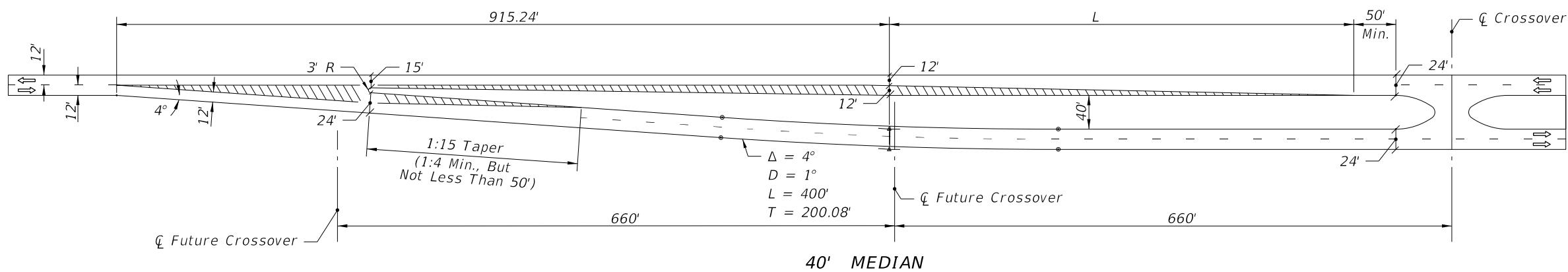
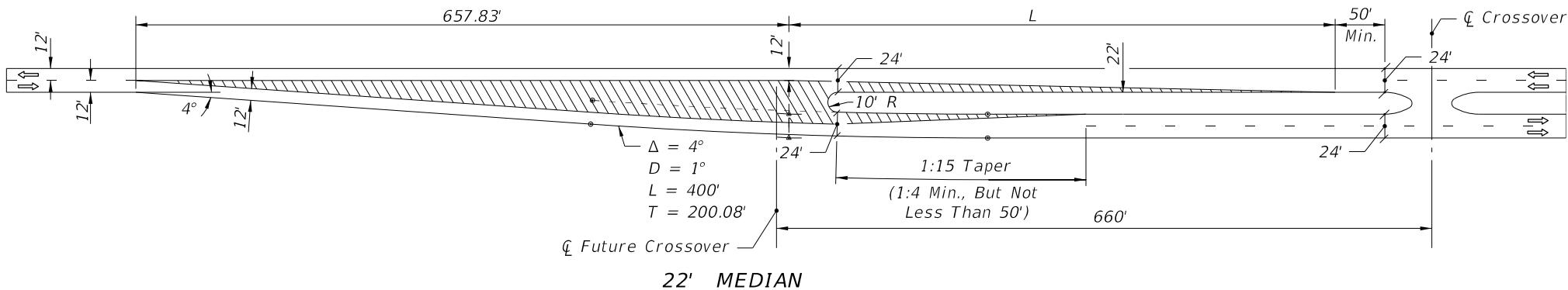


**TWO LANE TO FOUR LANE TRANSITION:
LEFT ROADWAY CENTERED ON APPROACH ROADWAY**



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 ($\Delta = 5^\circ$) are suitable for design speeds up to 60 mph. Interior curves ($D = 1^\circ$) in normal crown may be used with design speeds up to 45 mph. Merging curves ($D \geq 5^\circ$) will require superelevation.

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

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

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

NOT TO SCALE