TAPER LENGTH CALCULATION

1. WEAVE TAPER
   \[ L = \text{LENGTH OF TRANSITION} \]
   \[ B = \text{DESIGN SPEED} \]
   \[ L = \frac{B \times (352)}{60} = 122.5 \] (USE 170')

2. SHIFT TAPER
   \[ L = \text{LENGTH OF TRANSITION} \]
   \[ D = \text{DESIGN SPEED} \]
   \[ L = \frac{D \times (352)}{60} = 122.5 \] (USE 170')
TAPER LENGTH CALCULATION

L = 205'

SCALE: 1" = 100'

EXISTING TREE
PROPOSED TREE

PROPOSED PROJECT DESIGN

Figure 2-3C
TAPER LENGTH CALCULATION

1. EASE TAPER = TRANSITION
2. SPEED = DESIGNED SPEED
3. TAPER = USE 30'

North Coast Highway 101 Streetscape Improvement Project

PROPOSED PROJECT DESIGN

Figure 2-3D
TYPICAL ROADWAY CROSS SECTIONS