

MECKLENBURG
COUNTY LINE

GREENSVILLE
COUNTY LINE

Route 58 Arterial Management Plan

Figure 35

Intersection #66: US 58 and Cattail Dr Brunswick County

Recommendation: Reconfigure Crossover #72 with US 58 to a Continuous Green-T (CGT). Close north leg of Cattail Dr and permit right-in/right-out for the south leg. Improve Route 46/US 58 Interchange by extending westbound accelerations lanes and eastbound deceleration lanes.

ROW Impacts: Improvements are within existing ROW

Improvement Type: Safety

Traffic Operations & Safety:

Traffic
Operations

Reduced delay for vehicles entering and exiting Brunswick Square. Longer merge area for Route 46 Interchange permits merging at higher safer speeds

Safety

Reduced risk of angle crashes and conflicts with the Route 46 influence area. Longer acceleration and deceleration lanes at the Route 46 interchange reduces the risk of rear end and sideswipe crashes



Standard Movements

