

# VEHICULAR TRAFFIC PERFORMANCE



## No Build

“Do Nothing“

## Alternative A

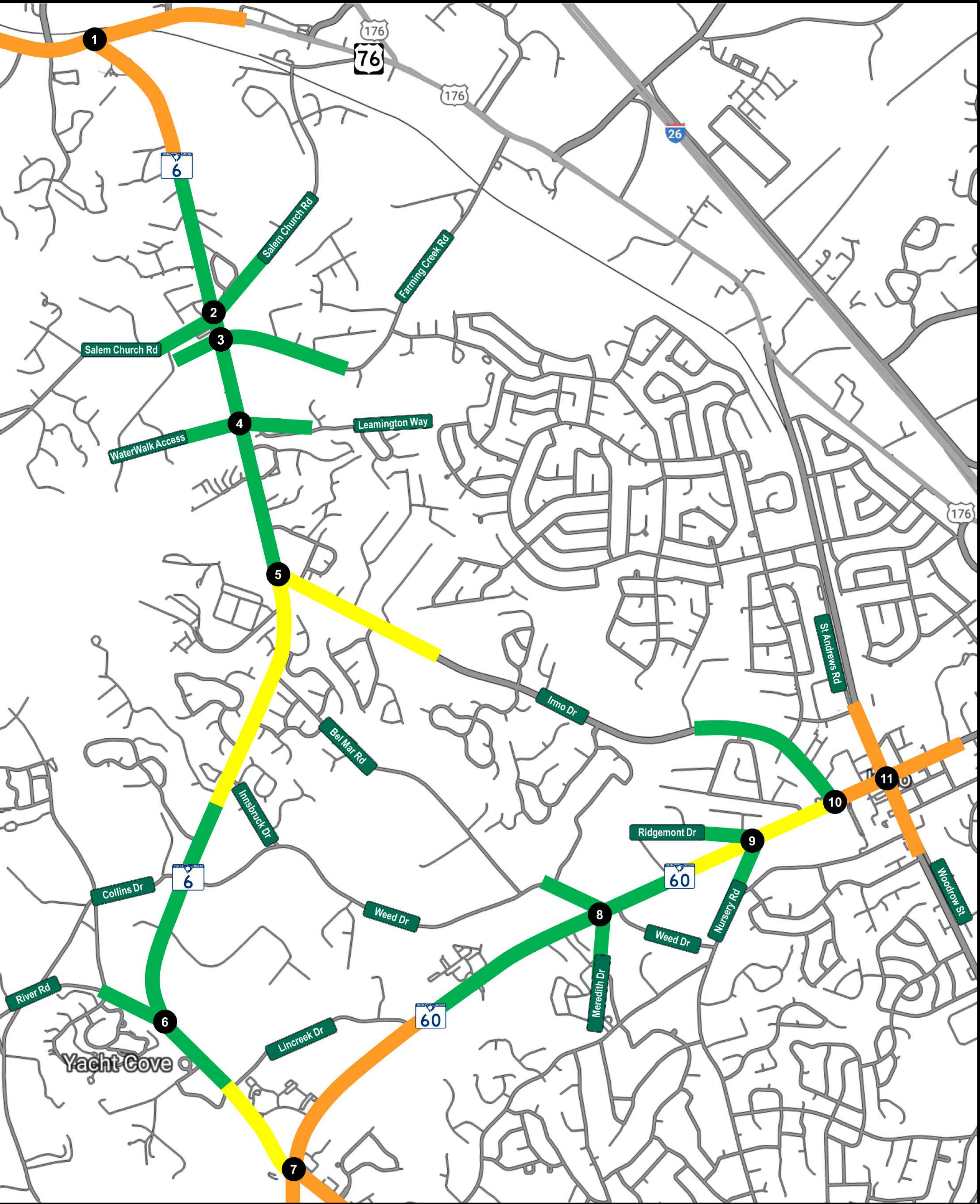
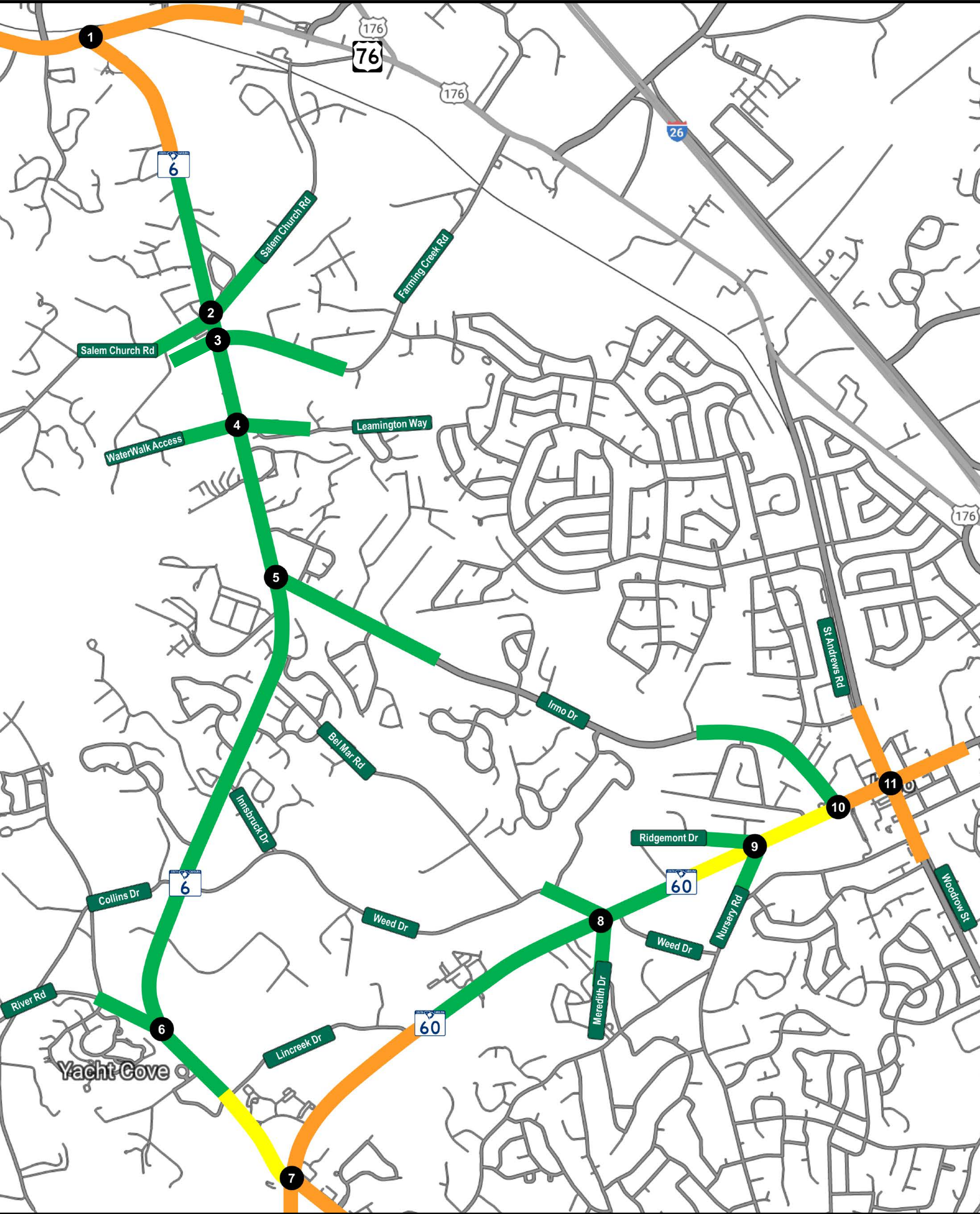
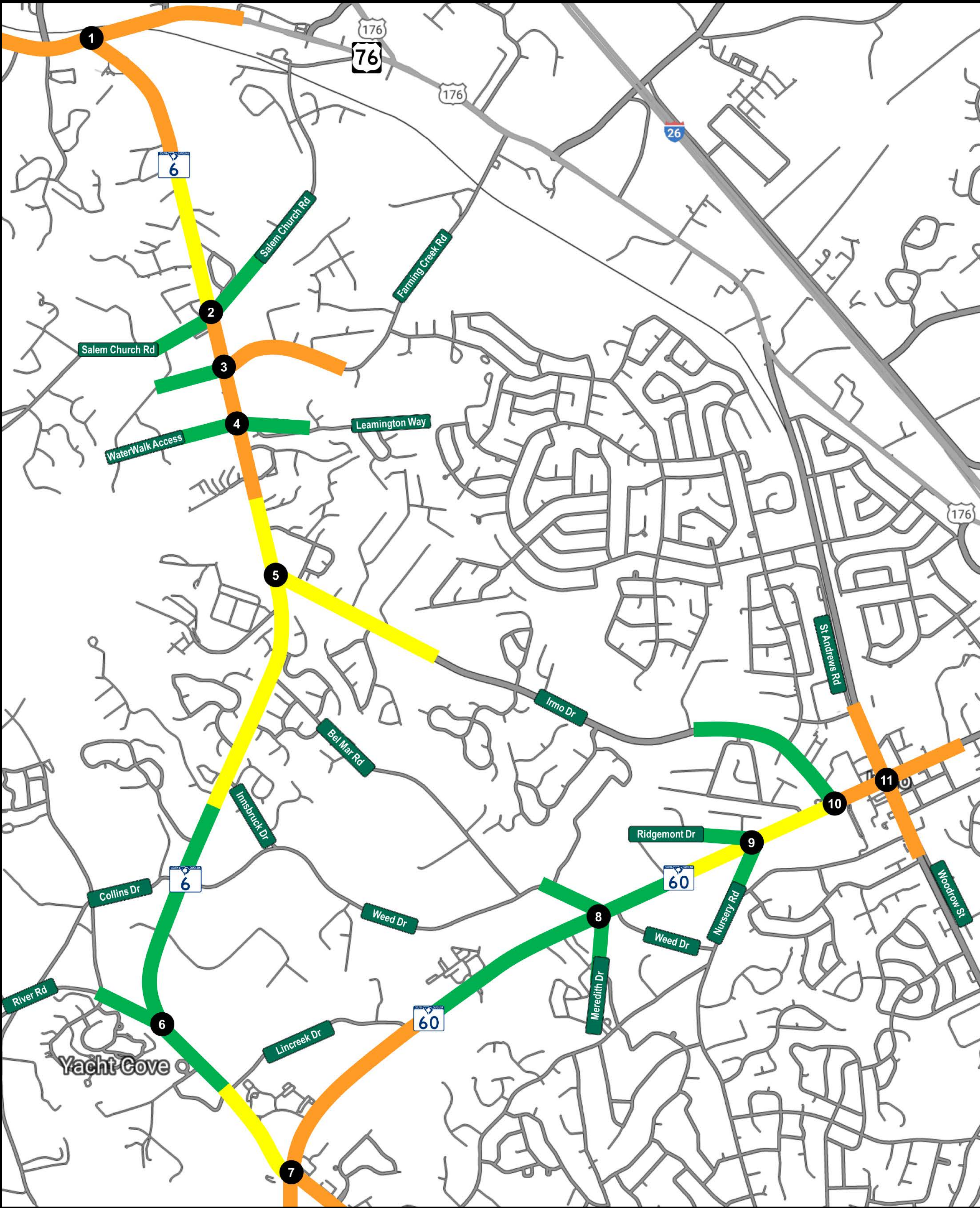
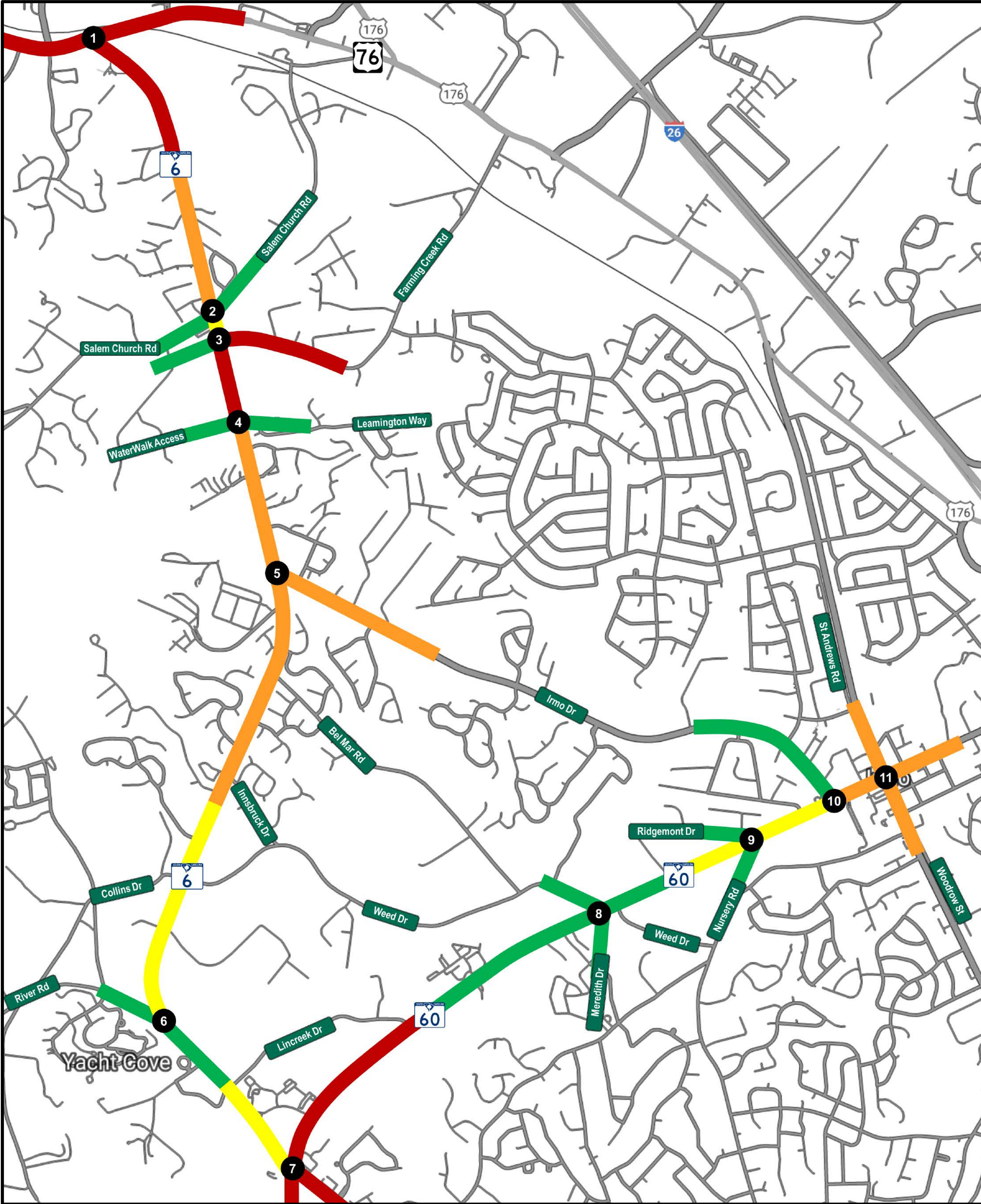
3-Lanes (1-lane each direction with center turn lane) along entirety of SC 6

## Alternative B

5-Lane Divided (2-lanes each direction with raised/landscaped center median) along entirety of SC 6

## Alternative C

3-Lanes South of Irmo Drive;  
5-Lane Divided (Access Controlled) North of Irmo Drive



LEGEND

Volume/Capacity Ratio	Description
< 0.80	Acceptable level of driver comfort; some delays
0.80 – 0.90	Some driver frustration; moderate delay
0.90 – 1.00	Higher levels of driver frustration; increasing levels of delay
> 1.00	Highest level of driver frustration; excessive delays

The volume-to-capacity ratio is a measure that compares roadway demand (vehicular volumes) with roadway supply (carrying capacity).

A volume/capacity ratio of 1.0 indicates a roadway facility is operating at its capacity.

#	SIGNALIZED INTERSECTION
1	US 76 & SC 6
2	SC 6 & Salem Church Rd
3	SC 6 & Farming Creek Rd
4	SC 6 & WaterWalk/Leamington Way
5	SC 6 & Irmo Dr
6	SC 6 & River Rd
7	SC 60 & SC 6 / Bush River Rd
8	SC 60 & Weed Dr / Meredith Rd
9	SC 60 & Ridgemont Dr/Nursery Rd
10	SC 60 & Irmo Dr
11	SC 60 & St. Andrews Rd