

# North Peachtree & Tilly Mill Intersection Improvements



Rendering of facing south on North Peachtree & Tilly Mill

## PROJECT OBJECTIVES

- ✓ Achieve Efficient Automobile Flow
- ✓ Provide Sidewalks and Bike Lanes
- ✓ Improve Safety for Vehicles and Pedestrians
- ✓ Implement the Transportation Plan Vision
- ✓ Enhance the Aesthetics of the Intersection

## PROJECT OVERVIEW

The Comprehensive Transportation Plan prioritizes making safety and operational improvements to the intersection of North Peachtree Road and Tilly Mill Road. The preliminary concept includes adding turning lanes, bicycle lanes, sidewalks, and a traffic signal at Peeler. The full preliminary concept is on the back page of this handout.

## PROJECT LOCATION

The improvements will be completed at both the intersection of North Peachtree Road and Tilly Mill Road as well as North Peachtree Road and Peeler Road.

The project includes 1,200 feet along Tilly Mill Road, 800 feet along North Peachtree Road, and 400 feet along Peeler Road.



Existing Conditions



## FREQUENTLY ASKED QUESTIONS

### TRAFFIC

**Q** How will adding a traffic signal at Peeler and turning lanes affect automobile traffic?

**A** The traffic analysis indicates that proposed changes would greatly improve traffic flow in the short term especially for Peeler Road. Long term (2035), with the proposed changes, the intersection would then continue to operate at an acceptable level of service.

### ALTERNATIVES

**Q** Has the City considered other alternatives for this intersection?

**A** The City has studied and considered alternatives including:

1. **No Build** - if the intersection remains as is, congestion will continue to increase.
2. **Roundabout** - The traffic volume is too high for a single lane roundabout. A multi-lane roundabout was studied but was not selected because of the major impacts to adjacent properties and operational challenges. The roundabout also did not provide any additional improvement to traffic flow as compared to the proposed improvements.

### IMPACTS

**Q** How will the project affect adjacent property owners?

**A** The project has been designed to be contained with the existing right-of-way as much as possible. A few additional feet of right-of-way will be needed on Tilly Mill west of the intersection as well as on North Peachtree south of the intersection.

### TIMING

**Q** When will the project begin?

**A** Pending the Council's approval of funding for implementation, right-of-way acquisition could begin in the first quarter of 2013 with construction beginning as early as the fall of 2013.

### PRIORITIZATION

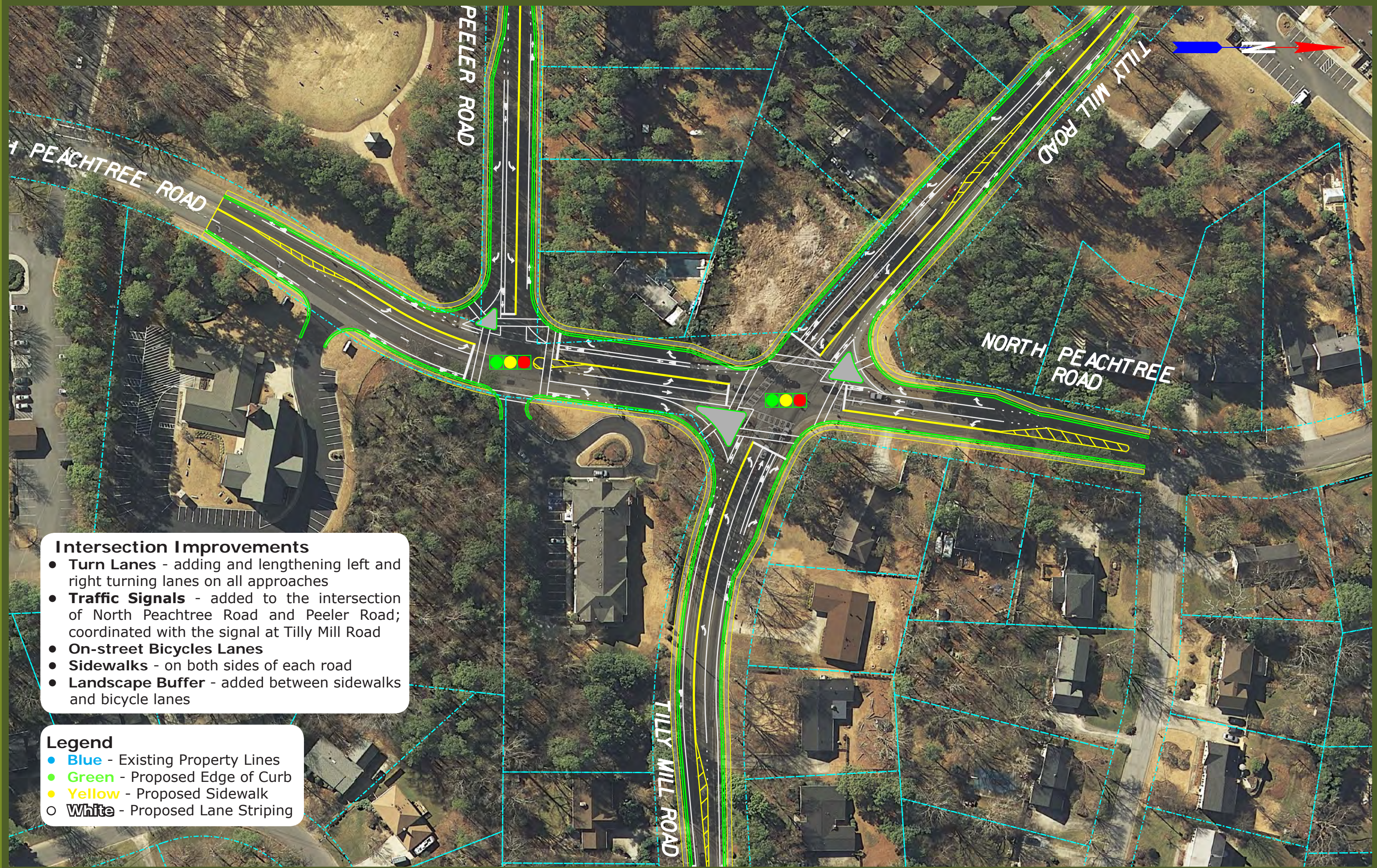
**Q** Why are we planning to improve this intersection if construction isn't funded yet?

**A** This project has been identified as a top priority in the Comprehensive Transportation Plan and the City is committed to implementing this community-based plan. However, by first completing the engineering and design phase, the City will be better able to consider and budget for construction. The Council will consider budgeting for construction as part of the upcoming budgeting process.

### SAFETY

**Q** How will the project improve safety at the intersection?

**A** Adding the signal at Peeler, turn lanes, sidewalks, and bicycle lanes will all improve safety for pedestrians, cyclists, and for vehicles.



- Intersection Improvements**
- **Turn Lanes** - adding and lengthening left and right turning lanes on all approaches
  - **Traffic Signals** - added to the intersection of North Peachtree Road and Peeler Road; coordinated with the signal at Tilly Mill Road
  - **On-street Bicycles Lanes**
  - **Sidewalks** - on both sides of each road
  - **Landscape Buffer** - added between sidewalks and bicycle lanes

- Legend**
- **Blue** - Existing Property Lines
  - **Green** - Proposed Edge of Curb
  - **Yellow** - Proposed Sidewalk
  - **White** - Proposed Lane Striping