



CATAWBA AVENUE & LIVERPOOL PARKWAY/ TORRENCE CHAPEL ROAD

Welcome!

- The meeting this evening is an “open house” style format between the hours of 6:30 p.m. and 8:30 p.m. Staff are available to discuss the project with you and answer your questions.
- Please sign in at the registration table.
- Displays showing the project related information are stationed around the room.
- Comment forms are available and can be filled out tonight or returned by mail or email as stated on the comment form by November 3, 2016.

Project Information

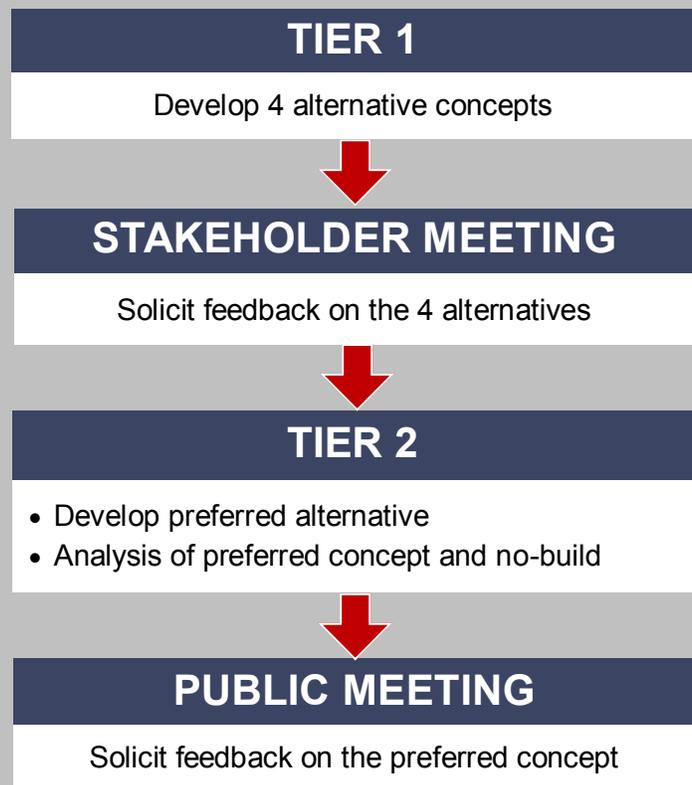
Project Description:

Develop intersection improvements to reduce congestion and improve safety at the intersection of Catawba Avenue and Liverpool Parkway/Torrence Chapel Road.

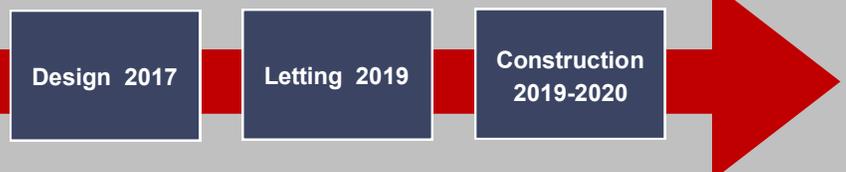
Purpose & Need:

The Catawba Avenue and Liverpool Parkway/Torrence Chapel Road intersection experiences significant traffic delays due to high traffic volumes and the proximity of the I-77 interchange. Traditional widening is not feasible due to the limited space for additional lanes. The Study Team is evaluating design concepts to improve the congestion, with the Town’s goal of minimizing property impacts and maximizing the use of existing infrastructure. Four concepts were presented to a stakeholder committee that comprised adjacent residents and business owners. Through stakeholder coordination and reviews with the Town of Cornelius and NCDOT, the Study Team developed a preferred alternative.

Project Process:



Next Steps:



Preferred Alternative

- Vehicles traveling on Catawba Avenue are able to continue making left turns onto Liverpool Parkway/Torrence Chapel Road.
- Left turns from Liverpool Parkway/Torrence Chapel Road (side streets) onto Catawba Avenue are not permitted but are redirected to alternate routes.
 - > The removal of left turns onto Catawba Avenue at this intersection eliminates a signal phase since the side streets can run concurrently without the need for split-phasing.
 - > By removing the split-phasing there will be more green time at the intersection equaling less time waiting.
- The addition of roundabouts on Liverpool Parkway and Torrence Chapel Road allow for traffic to move better as vehicles utilize alternate routes to access Catawba Avenue from these two sides streets.
- On-street parking near the One Norman Drive/Catawba Avenue intersection will be converted to a right-turn lane.
 - > By creating the right-turn lane, traffic making a right onto Catawba Avenue will have a dedicated lane, which will reduce traffic back-ups on One Norman Drive.
 - > There are fewer property impacts by re-purposing the existing pavement instead of adding additional pavement at this intersection.

