



LYNX System Update, North Corridor Transit Study Findings

To: Davidson Board of Commissioners
From: Jason Burdette, Planning Director
Date: February 12, 2019
Re: LYNX System Update, North Corridor Transit Study Findings

1. OVERVIEW

The LYNX system update is regional study to reevaluate transit options in the region and update the system-wide plan with actionable projects. In the North Corridor, the study looked at four alternatives: 1) Red Line Commuter Rail; 2) I-77 BRT (Bus Rapid Transit); 3) US 21 Light Rail; and 4) US 21 BRT. CATS Senior Transportation Planner Jason Lawrence will describe the study and its findings which recommend pursuing the I-77 BRT alternative.

2. RELATED TOWN GOALS

Strategic Goal

Mobility / Transportation

The Town of Davidson will enable citizens to move freely throughout town via transit, car, bicycle, and on foot.

Core Value

Citizens need to move easily throughout the town and region, so government will provide a variety of options, such as sidewalks, bike paths, greenways, connected streets, and transit.

3. OPTIONS/PROS & CONS

Pros

- Once implemented, the results of this study will provide additional transit options to the north corridor towns.
- Implementation creates new mobility opportunities that can be implemented in short, medium, and long term.
- The study explores additional options beyond commuter rail.

Cons

Costs associated with implementation.

4. FYI or RECOMMENDED ACTION

FYI

5. NEXT STEPS

CATS will lead the following efforts in coordination with all of the North Corridor towns:

Short term

Village Rider and Express bus stop amenity improvements. Continued express lane bus service improvements as recommended in the North Corridor Mobility Study and Envision My Ride.

Medium Term

Implementation of an I-77 Bus Rapid Transit service from Charlotte Gateway Station to Mooresville to include:

- All day service including nights and weekends
- Four new park and rides and two new express lane direct-connects
- Integrated BRT stations into mixed use developments that also incorporate emerging mobility technologies for first/last mile.

Long Term

Continue dialogue with Norfolk Southern on use of the “O” line corridor for a Rapid Transit project.