

CCRPC/ Town of Charlotte

Ferry Road Pedestrian Path and Stormwater Management Feasibility Study

Scope of Work – August 20, 2014

Background:

The Town of Charlotte has conducted two studies of the design and feasibility of sidewalks in the West Village area:

- Town of Charlotte – Ferry Road Sidewalks –Conceptual Alternatives and Costs, 2007, by DuBois & King.
- Master Plan for Improved Mobility Along Ferry Road between Greenbush Road and Route 7, 2011, by the Ferry Road Sidewalks Committee.

However, the concept of the proposed sidewalks was not in favor of the majority of voters at a special town meeting several years ago, and the proposed sidewalks were voted down. Recently, the Town has been engaged in studies of establishing a pedestrian crossing across US 7 and a preferred location for a park and ride lot in or near the village.

This study will explore options other than sidewalks to provide for pedestrian travel along Ferry Road between US Route 7 and Greenbush Road. This may include considering the concept of Advisory Bicycle/Pedestrian lanes, which was discussed in the US 7 Pedestrian Crossing Study, restriping Ferry Road to provide narrow pedestrian shoulders, and an unpaved walkway on the north side of Ferry Road.

Alternatives to address concerns about stormwater runoff from Ferry Road onto adjacent private properties will also be evaluated. This may include curbing to collect runoff and directing to existing stormwater infrastructure, and options that may include capturing runoff in raingardens or bioretention cells that can be landscaped.

Scope of Services

A. Project Initiation

Activities:

- Meet with project committee, including representatives from the Town of Charlotte and CCRPC to discuss the scope of work and schedule.
- Collect information including previous studies, Town tax maps, environmental GIS data, land use and development plans, and other relevant materials.
 - Ferry Road Sidewalks Conceptual Alternatives and Costs, 2007, by DuBois & King.
 - Master Plan for Improved Mobility Along Ferry Road between Greenbush Road and Route 7, 2011, by the Ferry Road Sidewalks Committee.

- Survey from CEA
- Village Land Development and Conservation; Design Concept for West Charlotte
- Conduct a site visit of the study area to review existing conditions and obtain committee input and observations.

Deliverables: Detailed scope of work and tentative study schedule.

B. Develop Base Information

Activities:

- Develop a base plan of the project area using available topography files supplemented by GIS data from CCRPC and VCGI.
- Review and summarize past studies and other relevant documents.

Deliverables: GIS base map of study area, summary of available data and studies

C. Develop Conceptual Alternatives

Activities:

- Develop conceptual alternatives and cost estimates for pedestrian facilities on Ferry Road, such as the following:
 - Wider shoulders/narrower lanes
 - Advisory Bike/Ped Lanes
 - Gravel path on north side of Ferry Road and crosswalks, and option of providing a sub-base that could eventually support the construction of a sidewalk
 - Wide striped shoulder/pedestrian lane
- Develop conceptual alternatives for stormwater runoff management options along Ferry Road within the study area, such as the following:
 - Collecting surface runoff with curbing and routing to existing stormwater infrastructure
 - Collecting and detaining runoff in bioretention cell or raingarden to allow infiltration and settling before entering existing stormwater system.
- Meet with landowners to discuss concerns and design alternatives, particularly for stormwater management.

Deliverables: Conceptual plans and memo report including conceptual design, cost estimates, maintenance needs, and funding options.

D. Public Meeting

Activities:

- Conduct public meeting to review alternatives with the public and get input to assist with selection of a preferred alternative. This could be combined with a meeting on a related subject or a selectboard meeting.

Deliverables: Presentation and meeting notes.

E. Final Report

Activities:

- Prepare draft feasibility report, circulate to project team (Town, CCRPC).
- Revise as indicated, and circulate revised draft to VTrans and other agencies.
- Revise report as indicated and submit final report.

Deliverables: Draft/Final Reports

F. Proposed Schedule

The following table outlines the proposed study schedule.

	August	September	October	November	December
A-Project Initiation	■ ■ ■				
B-Develop Base Map		■ ■ ■ ■			
C-Conceptual Alternatives			■ ■ ■ ■ ■		
D-Public Meeting				■	
E-Final Report				■ ■ ■	