April 29, 2014

MEMO FROM: Lauren Blackburn, AICP
Director, Division of Bicycle and Pedestrian Transportation

SUBJECT: NCDOT Revised Guidelines and Exceptions for Multi-Use Paths (Greenways, Shared Use Paths) Design and Construction

During the 2013 spring session of the North Carolina General Assembly, legislation was introduced (House Bill 748 / Senate Bill 653) to require NCDOT to develop standards specific to multi-use, off-road bicycle and pedestrian facilities ("greenways"). The bill did not advance during the session, but NCDOT began a study of its greenway design standards as a proactive measure.

The primary phases of the study included the following:

- Online survey of over 150 key stakeholders to identify priority issues (May-June 2013)
- Focus group meeting of stakeholders to refine key issues (August 2013)
- NCDOT Value Engineering study to discuss recommendations (September 2013)
- NCDOT consideration of various Value Engineering recommendations (November 2013-April 2014)

The following is a summary of the study recommendations submitted to NCDOT and decisions or action steps related to each recommendation. For further information about the process or stakeholders, refer to attached Survey for Shared use Bicycle and Pedestrian Facility Design Issues and the Bicycle & Pedestrian Greenway Design Guidelines Value Engineering Report. For any additional questions, please contact Kumar Trivedi (NCDOT Division of Bicycle and Pedestrian Transportation) at ktravedi@ncdot.gov.

Enclosed:

- Summary of NCDOT Responses to Greenway Design Standards Value Engineering Study
- Special Provisions for Multi-Use Paths (Amendment to 2012 Standard Specifications)
- Minimum Design Recommendations for Greenways (Memorandum)
- Survey for Shared-Use Bicycle and Pedestrian Facility Design Issues (Results Report)
- Bicycle & Pedestrian Greenway Design Guidelines Value Engineering Report
Cc: Jay Bennett, PE -- State Roadway Design Engineer
    Jack Cowser, PE – State Materials Quality Engineer
    Ricky Greene, PE – Director of Field Support
    Brian Hanks, PE – Assistant State Structures Engineer
    David Harris, PE – State Roadside Erosion Control & Vegetation Management Engineer
    Scott Hidden, PE – Support Services Supervisor
    Julie Hunkins, PE – Staff Engineer, Technical Services
    Jessica Kuse, PE – State Value Management Engineer
    Michelle Long, PE – Bridge Construction Estimates & Claims Engineer
    Clark Morrison, PhD, PE – State Pavement Design Engineer
    Jon Nance, PE -- Deputy Chief Engineer
    Andrew Nottingham, PE – Assistant State Hydraulics Engineer
    Chris Peoples, PE – State Materials Engineer
    Greg Perfetti, PE -- State Structures Engineer
    John Pilipchuk, LG, PE – State Geotechnical Engineer
    Patrick Riddle – Division 3 Planning Engineer
    Jimmy Travis, PE, Programs Management Office Manager
    Kumar Trivedi, PE – Bicycle and Pedestrian Division
    Richard Walls -- Deputy Secretary for Transit