



Plantation Road Transportation Alternatives Program Application

RVAMPO Transportation Technical
Committee

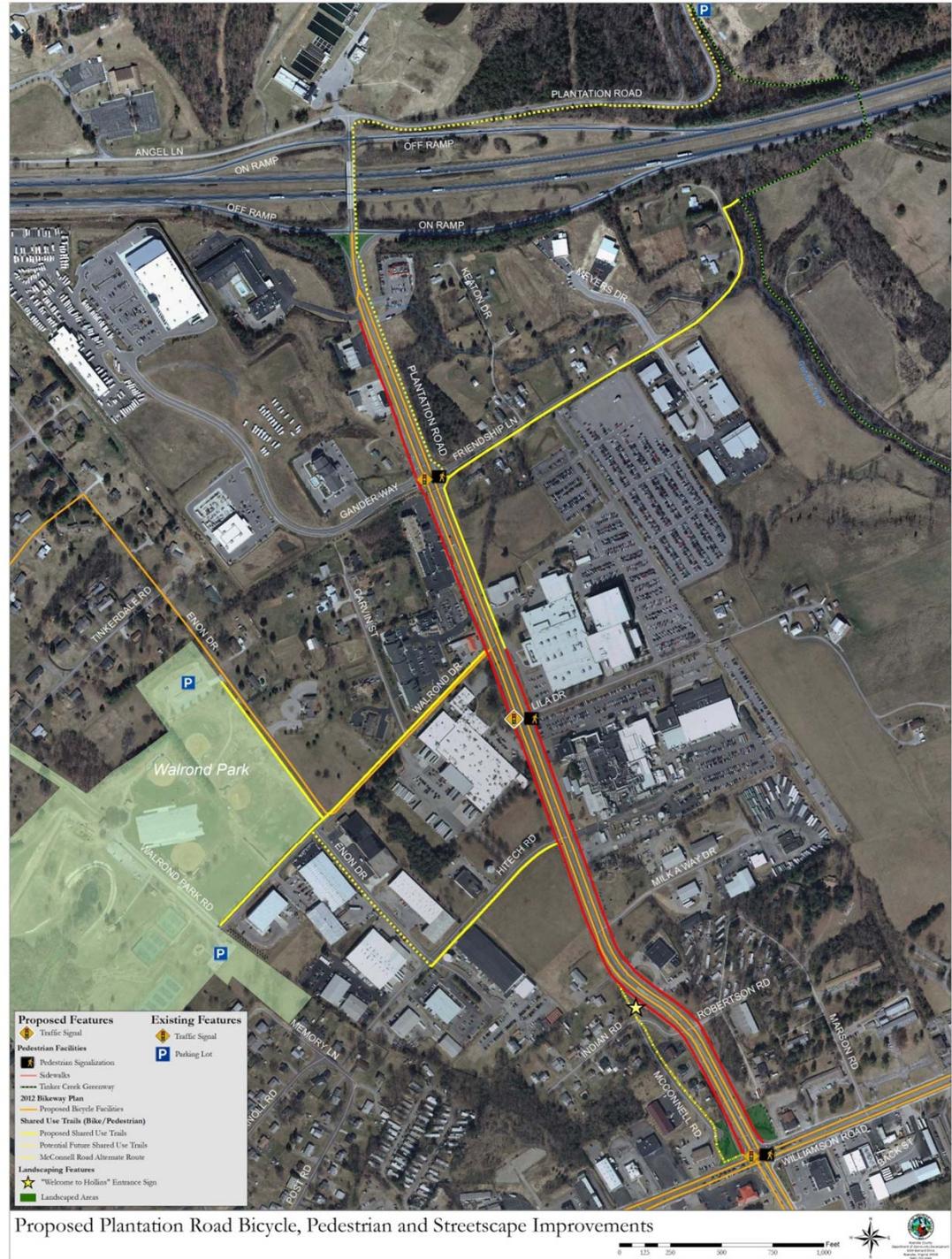
January 10, 2013



Plantation Road Bicycle, Pedestrian and Streetscape Improvement Project

Project Goals:

- Provide pedestrian accommodations;
- Provide bicycle accommodations;
- Connect existing and planned recreational facilities;
- Improve streetscape;
- Enhance gateways and nodes;
- Consider mass transit opportunities; and
- Consider access management changes.



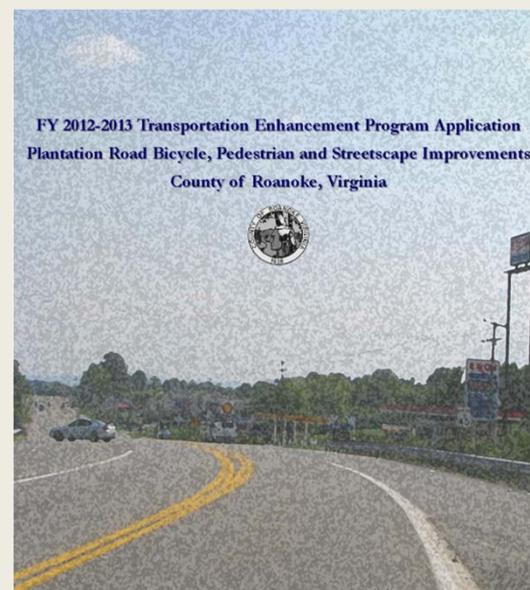
Progress Since Last Application (November, 2011)

COMPLETED:

1. Hollins University segment of the Tinker Creek Greenway to Carvins Cove Natural Reserve
2. Privately-sponsored landscaping additions at Williamson Road intersection
3. Plantation Road Corridor Study
4. Lila Drive Signal Analysis
5. Plantation Road Surveying

UNDERWAY:

1. Consultant hiring for project design, engineering, outreach
2. Pedestrian signal and crosswalk installation
 - Williamson Road intersection
 - Gander Way/Friendship Lane intersection

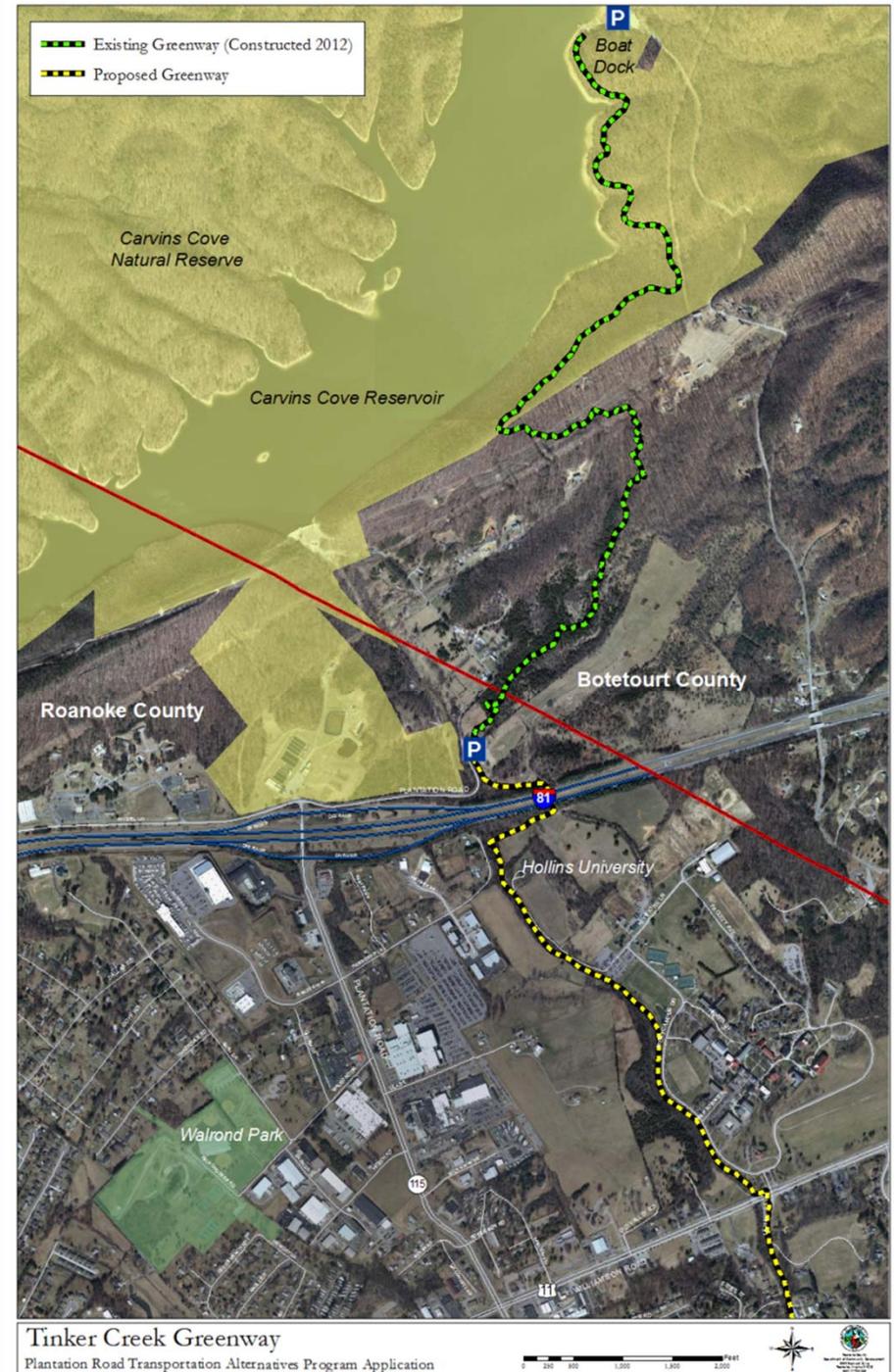


Hollins University segment of the Tinker Creek Greenway

- The 2.5 mile, natural surface greenway was constructed by the Pathfinders for Greenways and connects to over 40 miles of trails at Carvins Cove Natural Reserve and will ultimately connect to the Roanoke River Greenway; and
- A greenway parking lot has been designed and built by Roanoke County staff.



Roanoke County Community Development



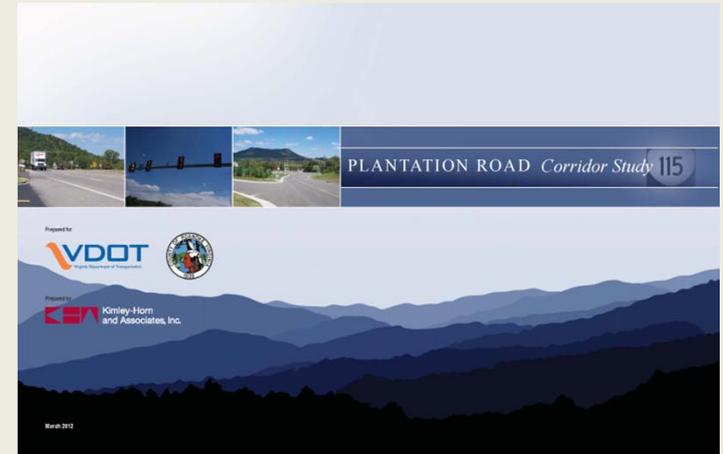
Williamson Road/Plantation Road Landscaping Project

- Permitted through the VDOT Comprehensive Roadside Management Program;
- Press Conference held June 21, 2012, to unveil the signs and landscaping;
- Friendship Retirement Community is funding landscaping installation and maintenance for five years; and
- The Williamson Road Area Business Association (WRABA) is contracting the landscaping and maintenance activities.



Plantation Road Corridor Study

- Completed by Kimley-Horn and Associates, Inc. for VDOT
- Crash data indicates two problem areas:
 - McDonald's/Days Inn/Exxon (11 crashes in 30 months)
 - Lila Drive (7 crashes in 30 months)
- Traffic signal warrants:
 - Lila Drive
 - Interstate 81 Southbound On- and Off-Ramps
 - Walrond Drive



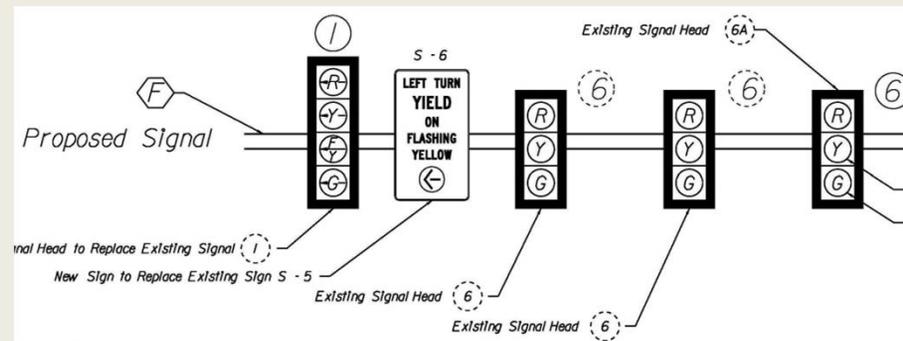
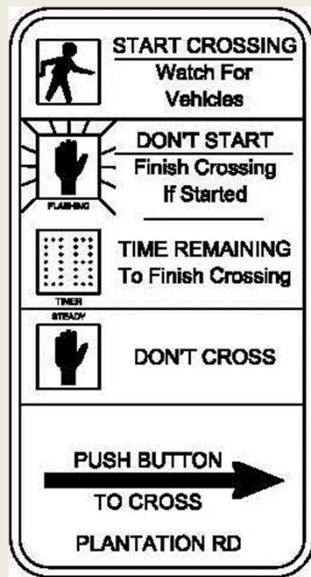
Lila Drive Traffic Signal

- A traffic signal with pedestrian facilities is warranted today and its location has been approved by VDOT;
- The signal would serve ITT Exelis, Wells Fargo and BSC Ventures;
- Entrance realignments and access management changes would be needed; and
- The signal must be privately funded to serve a private road.



Pedestrian Accommodations

- Williamson Road Intersection
 - Four-Legged Crosswalk
 - Push-button, count-down walk signals
- Gander Way/Friendship Lane Intersection
 - Two-Legged Crosswalk (other two to be installed with shared use path)
 - Push-button, count-down walk signals
 - Two flashing, yellow arrow left turn signals



Plantation Road Bicycle, Pedestrian and Streetscape Improvement Project

Funding Status



Federal SAFETEA-LU Program (Transportation Enhancement Program):

- Award of \$341,000 announced in June + \$85,250 (20% local match) = **\$426,250**



VDOT Revenue Sharing Program

- FY 2011 Funding (**\$55,308**) – Plantation Road surveying is complete; negotiating with the selected consultant for design of the entire project
- FY 2012 Funding (**\$100,000**) – Pedestrian signalization for Williamson Road and Gander Way/Friendship Lane traffic signals has been designed by VDOT and construction is anticipated in early 2013
- Additional balances transferred from other Revenue Sharing projects – **\$1,511,533**

Private Contributions



- Friendship Retirement Community/Williamson Road Area Business Association 2012 Landscaping (**\$4,596**) – Installed additional landscaping at Williamson Road and Plantation Road; five-year maintenance commitment



Roanoke County Community Development

Plantation Road Bicycle, Pedestrian and Streetscape Improvement Project Project Funding Totals

Amount	Funding Source
\$55,308	FY 11 VDOT Revenue Sharing and Match
\$100,000	FY 12 VDOT Revenue Sharing and Match
\$1,511,533	Additional Revenue Sharing Transferred Balances
\$426,250	FY 13 Transportation Enhancement Award and Match
\$4,596	Friendship Retirement Community Private Contribution
\$2,097,687	Grand Total Secured and Expected Funds



Plantation Road Bicycle, Pedestrian and Streetscape Improvement Project

Funding by Phase



Funded Projects:

- Engineering/Design Fees, Surveying Fees, Pedestrian Signalization at Williamson Road and Gander Way/Friendship Lane, Williamson/Plantation Landscaping

Estimate \$354,596



Phase 1 (Funded by FY 2013 Transportation Enhancement Program):

- Landscaped Medians, Shared Use Paths off Plantation Road, Pedestrian Crossings, Entrance Landscaping, Welcome Sign

Estimate \$426,298



Phase 2 (Requesting FY 2014 Transportation Alternatives Program Funding):

- Sidewalks with Landscaped Strips/Street Trees/Pedestrian Lights, Bicycle Facilities, Shared Use Path along Plantation Road, Drainage Improvements

Estimate \$2,449,946

Phase 3 (Future Requests):

- Shared Use Paths along Friendship Lane, McConnell Road, Enon Drive South, Plantation Road North across Interstate 81 (if warranted)

Estimate \$231,483

Total Project Cost \$3,462,323



Plantation Road Bicycle, Pedestrian and Streetscape Improvement Project

Phase 2 Funding

Phase 2 Request for FY 2014 Transportation Alternatives Program Funding:

- Sidewalks with Landscaped Strips/Street Trees/Pedestrian Lights, Bicycle Facilities, Shared Use Path along Plantation Road, Drainage Improvements

Estimate \$2,449,946

- \$1,316,841 VDOT Revenue Sharing Funds

\$1,133,105 Phase 2 Remaining Cost

- \$282,395 Required 20% Local Match (Roanoke County In-Kind Contribution, Potential Right-of-Way Donation Value)

\$850,710 FY 14 Transportation Alternatives Request



Outreach

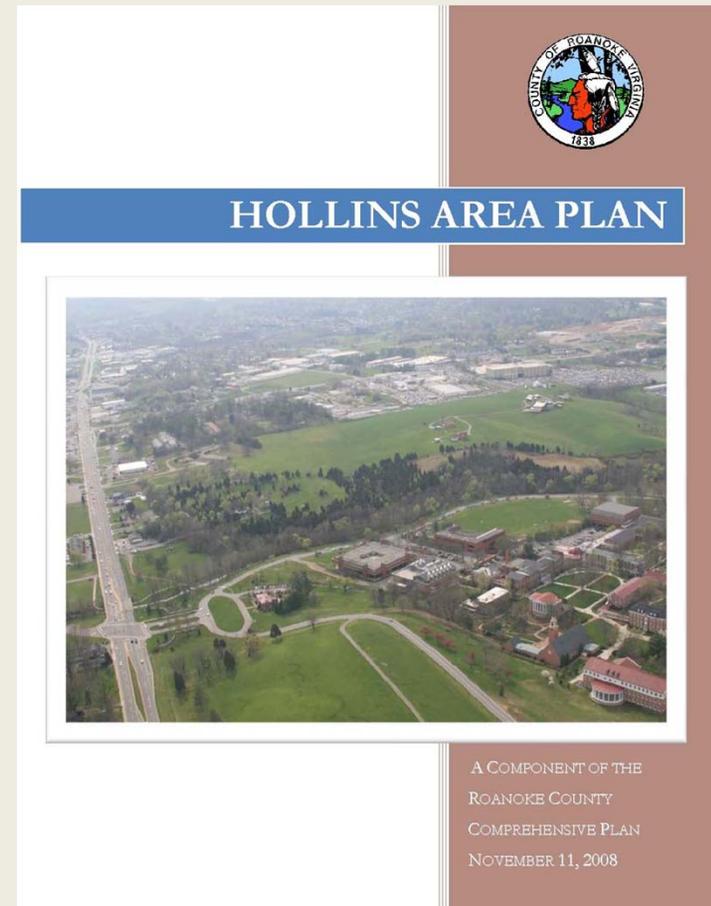
- Hollins Area Plan [Website](#) with implementation efforts
- Hollins Area Plan Update Newsletter
- Plantation Road Bicycle, Pedestrian and Streetscape Improvement [Website](#)
- Plantation Road Update [E-Newsletter](#)
- Community Developments [E-Newsletter](#)
- Meetings with Plantation businesses and area organizations



Hollins Area Plan

It's all part of the *Plan*

- 17 Implementation Strategies Total
- 7 underway or ready to begin
- 1 completed



Questions

