

A G E N D A

JAMES CITY COUNTY BOARD OF SUPERVISORS

READING FILE

April 26, 2011

FOR YOUR INFORMATION

1. Proposed FY 2012-2017 Secondary Six-Year Plan

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MEMORANDUM

DATE: April 26, 2011

TO: The Board of Supervisors

FROM: Allen J. Murphy, Jr., Planning Director/Assistant Development Manager
Tamara A. M. Rosario, Principal Planner

SUBJECT: Proposed FY 2012-2017 Secondary Six-Year Plan

Each year the Virginia Department of Transportation (VDOT), in conjunction with the James City County Board of Supervisors, reviews the Budget Priority List and Secondary Six-Year Plan (SSYP) for secondary roads (those roads with route numbers of 600 or greater). The SSYP will be presented to the Board of Supervisors for consideration and formal action at its meeting on May 10, 2011. A public hearing will be advertised in advance of the meeting to provide an opportunity for public comments. As part of the review process, staff requests that Board members provide comments on the SSYP in preparation for the May 10, 2011, meeting. Staff will be available at the April 26, 2011, meeting to answer any questions.

Allocations

The County receives State and Federal allocations yearly to fund proposed secondary improvements. The FY 2012-2017 SSYP allocations total \$1,070,605. For FY 12, the allocation is \$214,121 compared to the FY 11 allocation of \$215,726.

Funding is normally directed to construction (CN) projects from the first year of the SSYP to cover deficits; however, with construction projects being below what was budgeted and the Hampton Roads Transportation Planning Organization's reconciliation of transportation funds, the County has identified transportation funds totaling approximately \$2,500,000 for FY 12.

Current Projects

Ironbound Road Widening (Route 615)

This project widens Ironbound Road to four lanes between Strawberry Plains Road and Ironbound Square; from there to the Longhill Connector Road it will be widened to five lanes to include a center-turn lane. Both segments will include shoulder-bike lanes and a multipurpose trail or sidewalk. The project is currently under construction and is expected to be completed in fall 2012.

Jolly Pond/Centerville Road (Route 611/614)

With the construction of the two new schools, funding for improvements to this intersection was programmed in the SSYP pending VDOT's review for the need for the traffic signal and opportunities for traffic signal improvement funds. Should the traffic signals meet VDOT's warrants, traffic signal improvement funds are available in the Williamsburg-James City County School's Capital Improvement Program. The balance of funds remaining on this project will be reallocated in the FY 12 SSYP.

Centerville Road/Longhill Road Intersection Improvements (Route 614/612)

Improvements to the intersection of Centerville and Longhill Road include an independent left-turn lane from northbound Centerville Road into Freedom Park, an independent right-turn lane onto Longhill Road, a left-turn lane from southbound Centerville Road onto Longhill Road, and installation of a traffic signal. Construction has started and is expected to be completed in late summer 2011.

Candidate Projects

Based on the surplus funding, staff has developed a list of projects that meet needs identified either in the 2009 Comprehensive Plan or previous SSYP programs that can be significantly advanced within six years. Staff recommends that the following projects be included in the SSYP for preliminary engineering (PE) and right of way (R/W) only:

1) Croaker Road (Route 607)

A multipurpose trail is funded and currently under design that will begin in front of the James City County Library and run along Croaker Road toward Richmond Road. The cost estimate is \$2.5 million. The multipurpose trail will cross over the railroad bridge and intersect with Richmond Road. The section of the roadway has been surveyed and design has started. Staff recommends widening all sections of Croaker Road to four lanes from Richmond Road to the James City County Library (Attachment 2). This road is recommended for widening in the 2009 Comprehensive Plan as volumes are expected to exceed capacity by 2035. The first phase would include engineering, acquiring right-of-way, and accumulating funds to build a new two-lane bridge parallel to the existing bridge over the CSX lines. The second phase of the project would be construction. Preliminary review of the corridor indicates that right-of-way acquisition should be minimal.

Staff recommends that the Board place Croaker Road as the first priority project on the SSYP for PE (design) and right-of-way (R/W) only (\$950,000) in FY12 to utilize all sources of funds as efficiently as possible. This project will increase capacity within the Primary Service Area (PSA), has minimal R/W acquisition needed, and makes efficient use of available funds and existing survey and design work.

Total Project Cost Estimate 2011:

PE:	\$	600,000	
R/W:		350,000	
CN:		<u>11,000,000</u>	(Includes multipurpose trail)
Total:		<u>\$12,550,000</u>	

2) Olde Towne Road (Route 658)

To address identified safety and visibility concerns, staff recommends increasing the radius of the curve adjacent to The Colonies at Williamsburg Timeshares (Attachment 3). During the special use permit process for the Colonies, the developer proposed a right-of-way swap with VDOT where surplus right-of-way would be given to the Colonies to meet buffer requirements in exchange for land to straighten the curve between the entrance of the Colonies and Scott's Pond. Additionally, the Colonies offered a "reserve lot" should any surrounding home need to be relocated. The land swap has been completed. Staff estimates one parcel would be need to be acquired to adequately straighten the bend. It should be noted there is a time limitation of 15 years for the County to take advantage of the reserve lot (the special use permit was approved in 2005).

Staff recommends that the Board place Olde Towne Road as the second priority project on the SSYP for PE and R/W (\$1,050,000) only in FY 12. The project will improve safety and visibility on a highly traveled road within the PSA and take advantage of R/W and a potential reserve lot secured through the development process for the Colonies.

Total Project Cost Estimate 2011:

PE:	\$ 700,000
R/W:	350,000
CN:	<u>1,500,000</u>
Total:	<u>\$2,550,000</u>

3) Longhill Road (Route 612)

Staff recommends widening Longhill Road from Route 199 to Olde Towne Road from two to four lanes separated by a variable width median with curb and pedestrian accommodations (Attachment 4). Similar to Croaker Road, currently funding is available for the Longhill Road Corridor Study (\$500K) and planned Traffic Signal Upgrade and Installed Median (\$412K). This section of road can exceed 20,000 trips per day and currently is over capacity. Longhill Road is recommended for improvement in the 2009 Comprehensive Plan. Due to immediate needs for this road segment, staff does not recommend waiting for the completion of the corridor study to begin accruing funds.

Staff recommends that the Board place Longhill Road as the third priority on the SSYP for PE only (\$800,000) in FY12-15 to utilize all sources of funds as efficiently as possible. The project will address an immediate need within the PSA, relieves pressure on the most congested portion of the corridor, and makes efficient use of available funds.

Total Project Cost Estimate 2011:

PE:	\$ 800,000
R/W:	2,000,000
CN:	<u>9,000,000</u>
Total:	<u>\$11,800,000</u>

Special Funding Projects

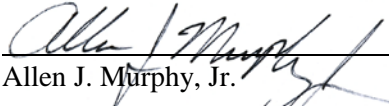
VDOT utilizes a special funding mechanism which provides annual allocations to localities for unpaved roads and bridge projects. Staff recommends keeping these projects on the SSYP in order for the County to continue to receive money towards unpaved roads and bridge projects. The funds would be utilized when needed. However, there have been no funds allocated in the past years as part of the SSYP.

4) Racefield Drive (Route 622)

As part of the unpaved road funding program, funds are applied to this project yearly until enough money is accumulated to pave the road. Staff recommends this road stay on the SSYP until the project is fully funded and the road is paved.

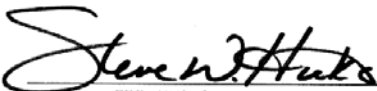
5) Bridge Funds

As part of the bridge funding program, funds are applied to this project yearly until enough money is accumulated to replace a bridge. Staff recommends that "Bridge Funds" stay on the SSYP until sufficient funds are accumulated to consider replacing a bridge.


Allen J. Murphy, Jr.


Tamara A. M. Rosario

CONCUR:


Steven W. Hicks

AJM/TAMR/nb
FY12-17SecPln_mem

Attachments:

1. Map of FY 12-17 SSYP Candidate Projects
2. Aerial Map - Croaker Road
3. Aerial Map - Olde Towne Road
4. Aerial Map - Longhill Road

Olde Towne Rd (Route 658)



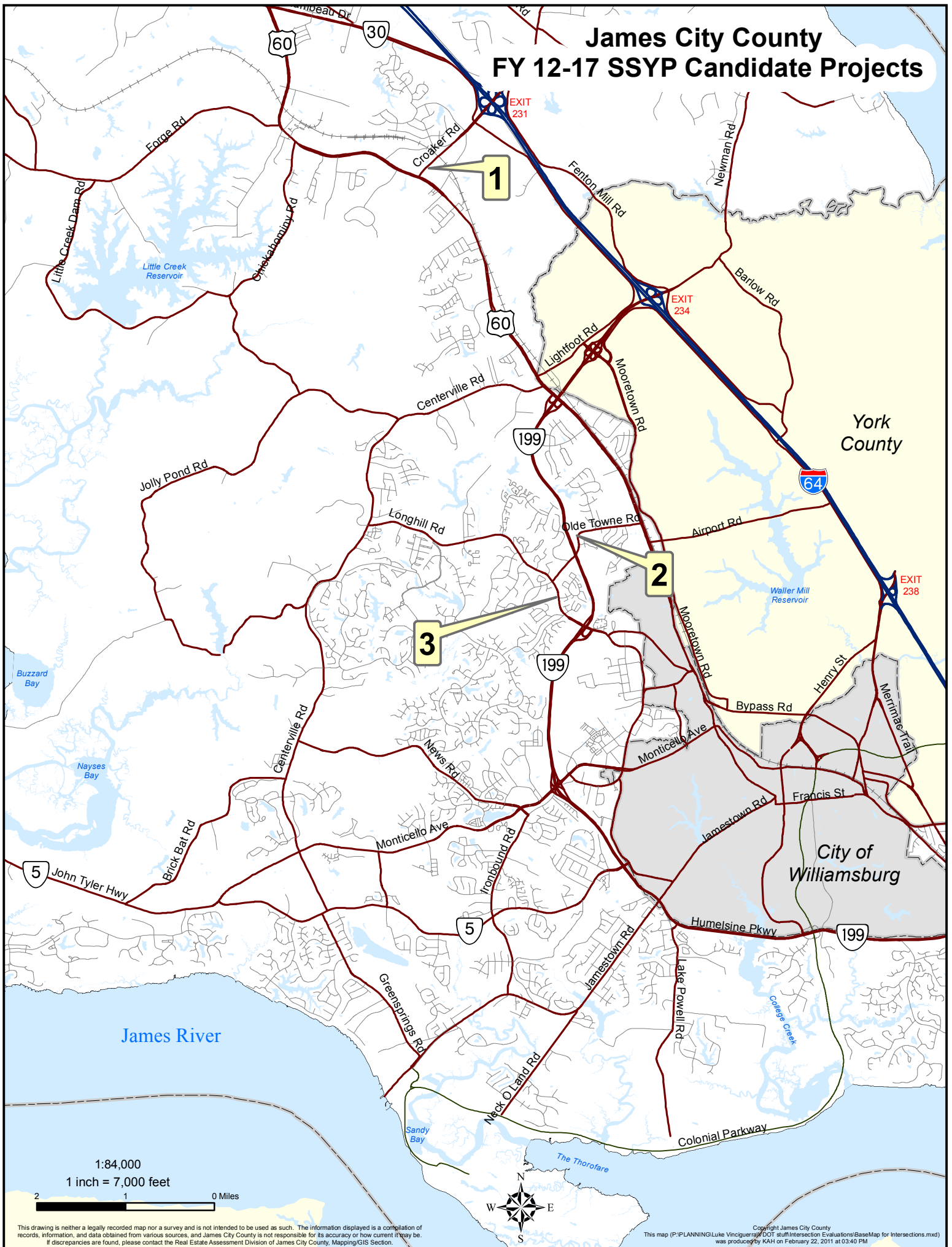
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1 inch = 250 feet

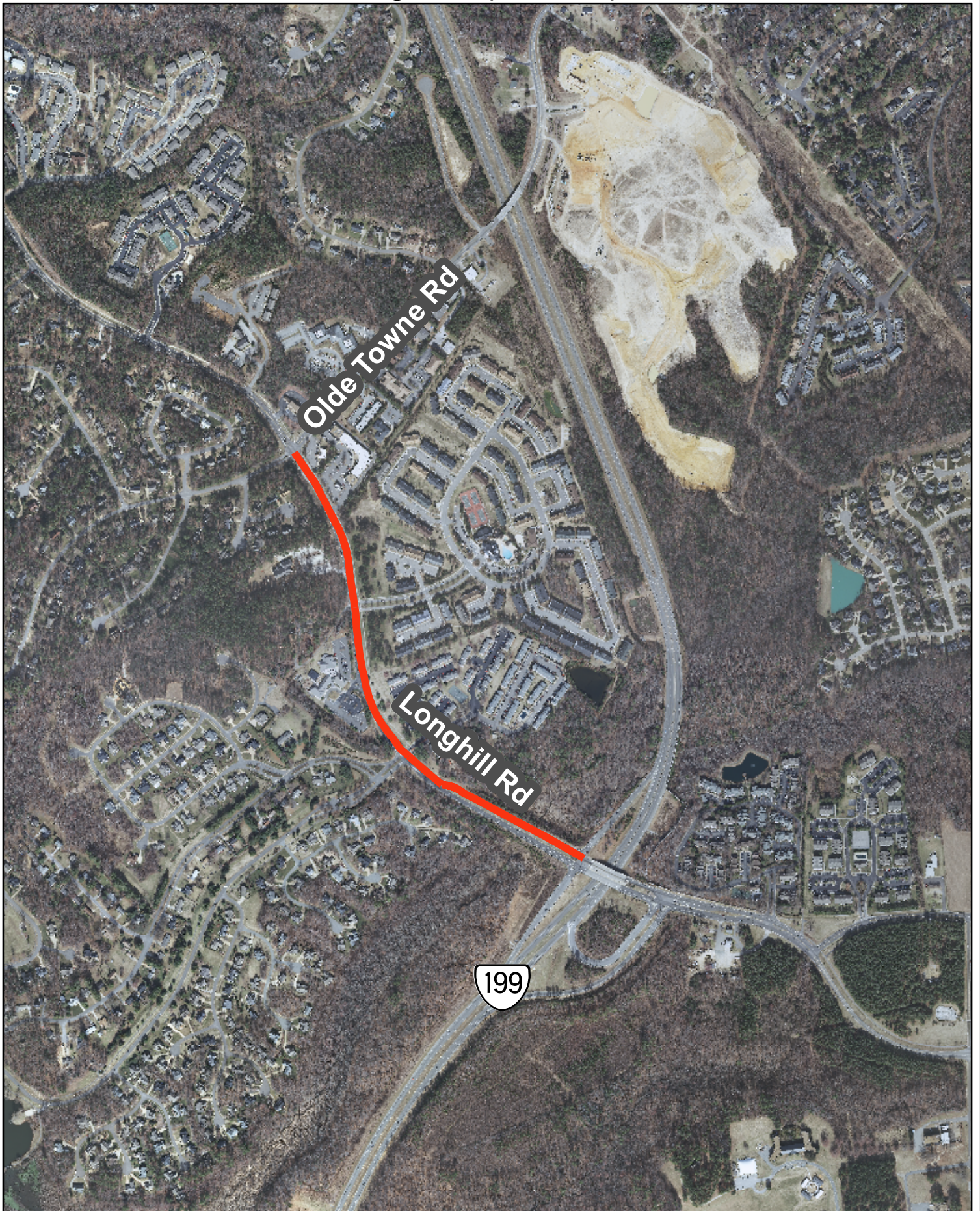
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James City County FY 12-17 SSYP Candidate Projects



Longhill Rd (Route 612)



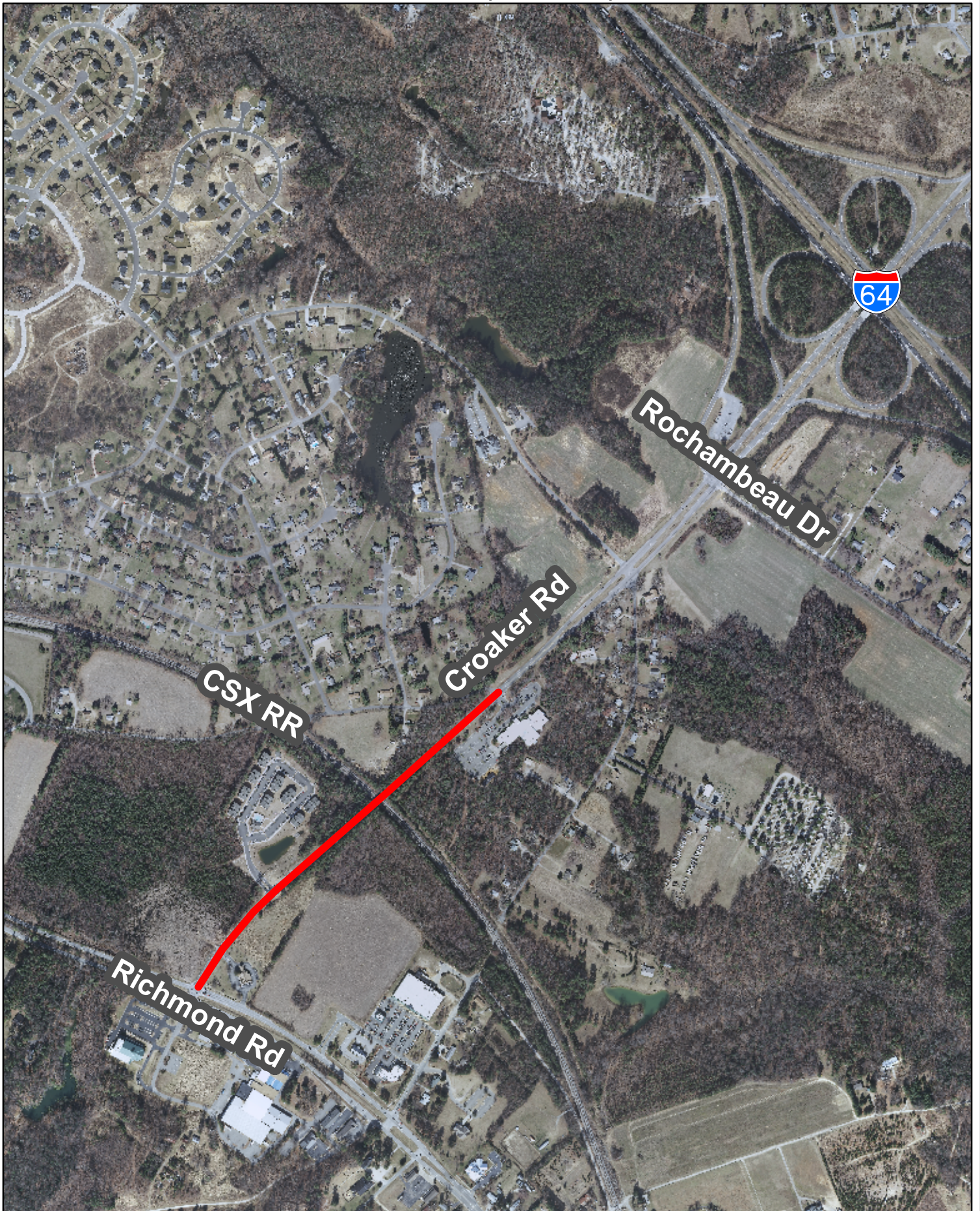
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1 inch = 800 feet

0 0.05 0.1 Miles



Croaker Rd (Route 607)



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