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**CITY COUNCIL AGENDA ITEM**

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**TO:** Mayor & City Council

**DATE:** March 25, 2014

**FROM:** John McDonough, City Manager

**AGENDA ITEM:** Update on Capital Improvement Project (CIP) T-0041 Riverside Drive, Road Realignment Project

**MEETING DATE:** For Submission onto the April 1, 2014, City Council Work Session Agenda

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*BACKGROUND INFORMATION: (Attach additional pages if necessary)*

See attached:

Memorandum  
PowerPoint Presentation

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APPROVAL BY CITY MANAGER:  APPROVED

PLACED ON AGENDA FOR: 4/1/2014

CITY ATTORNEY APPROVAL REQUIRED: (  ) YES (  ) NO

CITY ATTORNEY APPROVAL: 

REMARKS:



TO: John McDonough, City Manager

FROM: Garrin M. Coleman, P.E., Public Works Director

DATE: March 24, 2014 for submission onto the Agenda of the April 1, 2014 City Council Work Session

ITEM: Update on Capital Improvement Project (CIP) T-0041 Riverside Drive Road Realignment Project

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### ***Recommendation***

Staff recommends that the City proceed with current recommended improvements to Riverside Drive.

### ***Background***

The Capital Improvement Project (CIP) T-0041 Riverside Drive road realignment project seeks to improve the current existing conditions by:

1. Increasing the road shoulder width on both sides,
2. Providing a consistent horizontal curve,
3. Improving sight distance around the curve,
4. Installing a guardrail along the steep slope,
5. Allowing for wider lanes to better accommodate vehicles navigating the curve,
6. Allowing for adequate road shoulder for utility relocation, and
7. Improving the collection of road drainage with curb and gutter.

### ***Discussion***

The realignment of Riverside Drive was identified due to the existing conditions of the road which include steep slope, concrete barriers, exposed utilities, and the sharp curve which limits vehicles navigating this location. Repeated water main breaks along with a lack of drainage structures have allowed road drainage to flow over the slope resulting in uncovering utilities and undermining the existing road shoulder.

Riverside Drive is currently classified as a minor arterial street that carries approximately 22,000 average daily traffic (ADT). The right-of-way for the project was donated by the adjacent property owner.

### ***Financial Impact***

This project is budgeted for FY14 at \$500,000.

### ***Attachments***

- I. Power Point Presentation on T-0041 Project Update

**PUBLIC WORKS**

# CIP T-0041 RIVERSIDE DRIVE IMPROVEMENT PROJECT UPDATE

March 18, 2014



# Project Location

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# Existing Conditions

3

Northbound Approach



Southbound Approach



# Existing Conditions(continued)

4

Slope



# Existing Conditions (continued)

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## Concrete Barriers



## Exposed Utilities



# Existing Condition Summary

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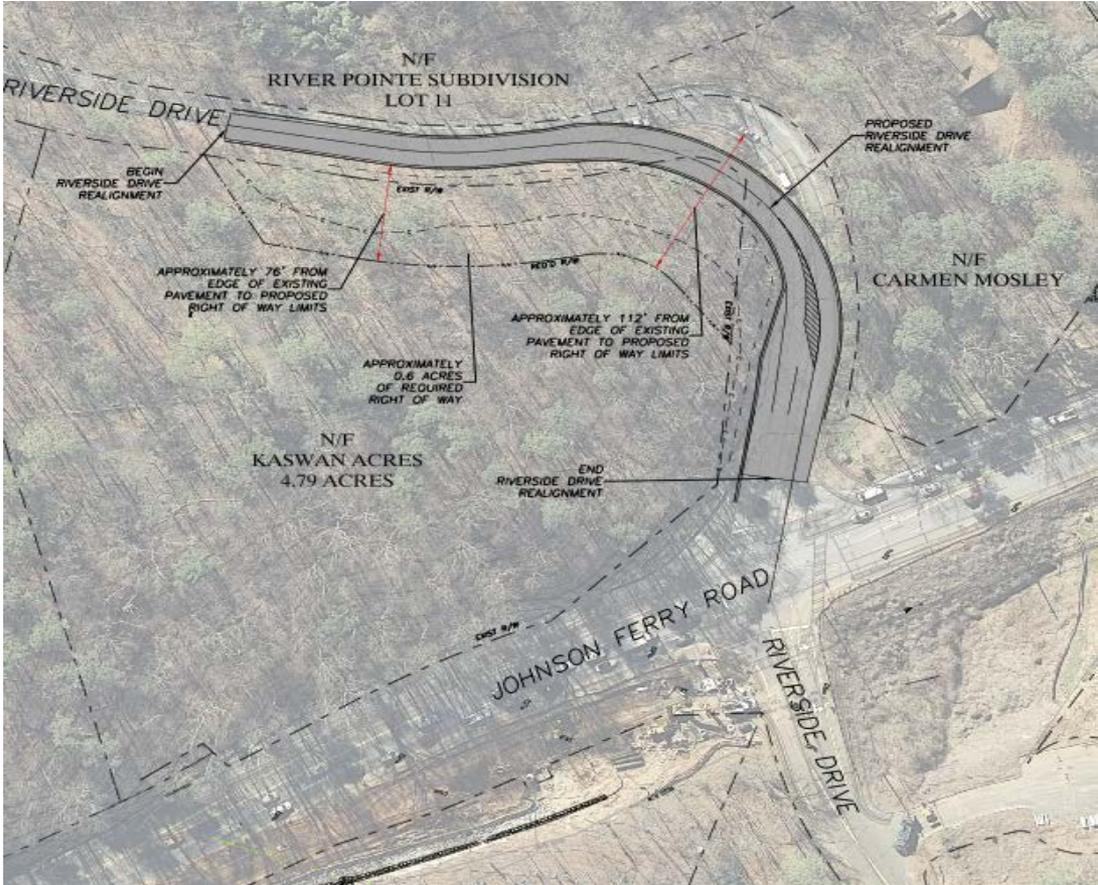
- Concrete Barrier wall in place
- The sharp curve limits larger vehicles
- Repeated water main breaks have uncovered utilities and undermined road shoulder
- A lack of drainage structures allows water to flow over the slope

# Proposed Improvements

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- Increase shoulder width on both sides
- Provide a consistent curve
- Improve sight distance through the curve
- Install guardrail along the slope
- Wider lanes in the curve to accommodate larger vehicles
- Provide adequate shoulder for utilities to relocate
- Improve drainage with curb and gutter to protect the slope

# Plan View

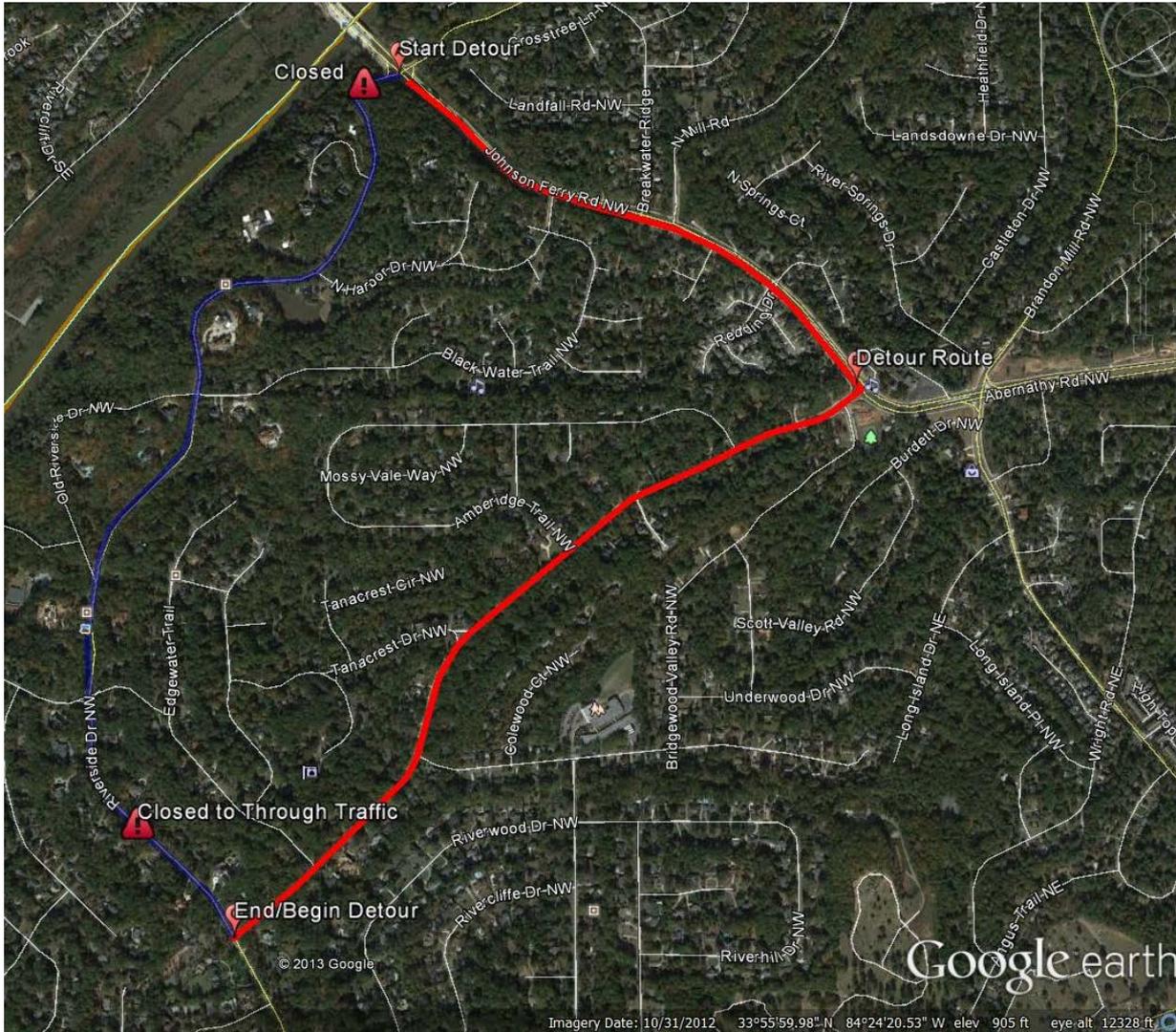


# Proposed Detour Route

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- Riverside Drive will be closed at Johnson Ferry Road and at River Valley Road to through traffic
- Only local traffic (local neighborhoods) will be able to travel on Riverside Dr. between North Harbor Rd. and River Valley Rd.
- The detour route will be River Valley Road
- Access to all neighborhoods, homes, and businesses will be maintained at all times as there are no existing curb cuts/driveways inside the construction zone

# Detour Route



# Proposed Schedule for Project

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- Project will require the roadway to be closed until the lanes can be constructed.
  - Estimate 3 to 4 months
- Targeting shut down after school has ended for the summer break, May 23<sup>rd</sup> and reopen prior to school starting again on August 11<sup>th</sup>.