





TO: John McDonough, City Manager

FROM: Kevin J. Walter, Public Works Director

DATE: September 20, 2012

ITEM: Spalding/Mt Vernon Intersection Presentation for 10/02/12 City Council Meeting Work session

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Attached is a PowerPoint presentation on the recommended design for the improvements to the Intersection of Spalding Drive and Mt. Vernon Road.

*Public  
Works*

**CITY OF SANDY SPRINGS  
SPALDING DR AT MT VERNON RD  
INTERSECTION IMPROVEMENT**

**CITY COUNCIL WORK SESSION  
PRESENTATION**

**OCTOBER 2, 2012**



# SPALDING DR AT MT VERNON RD INTERSECTION IMPROVEMENT

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## ▪ AGENDA

- Overview Of Need and Purpose For Project
- History Of Previous Options
- What Is The Solution
- How Will Traffic Flow Work (Computer Presentation)
- Questions

# NEED AND PURPOSE FOR PROJECT

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## ■ SAFETY

- 17 Accidents in Three Years
- Sight Distance on Spalding Drive Eastbound Unsafe

## ■ IMPROVE TRAFFIC OPERATIONS

- Currently a Level “F” (the worst on a scale from A-F)

## ■ IMPROVE PEDESTRIAN CONNECTIVITY

- Completes the Sidewalk System from this intersection to Orchard Park (Kroger)

## ■ MINIMIZE IMPACTS ON NEIGHBORHOODS

# HISTORY OF PREVIOUS OPTIONS

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- **FIRST OPTIONS TO MAXIMIZE SAFETY & TRAFFIC**
  - Roundabout Options
  - Cut Off or Isolated Hunters Woods Drive
  - Judged to have too large an impact on Neighborhoods
  
- **SECOND OPTIONS FOR UNSIGNALIZED CONTROL**
  - Best for Traffic Operations but still Judged to have too large an impact on Neighborhoods
  - Did not include measures to slow traffic on Spalding
  
- **OPTION WITH TRAFFIC SIGNAL**

# EXISTING INTERSECTION ALIGNMENT



# PROJECT TIMELINE

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- July 2009 Project Identified
- July 2011 Project Funded
- January 2012 Project Kickoff
- April 2012 1<sup>st</sup> Public Meeting
- June 2012 2<sup>nd</sup> Public Meeting
- September 2012 3<sup>rd</sup> Public Meeting
- October 2012 City Council Update
- Spring 2013 Start Construction
- Spring 2014 Complete Construction

# WHAT IS THE SOLUTION

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## ■ OPTION WITH TRAFFIC SIGNAL

- Provides Very Good Level of Service (Level of Service “B”) and Excellent Safety
- Does not isolate Hunters Woods Drive, Residents can get out in a controlled, safe manner
- Controls Speeding WB & EB on Spalding by road curvature and signal/signage
- Allows for safe Left Turns from Mt Vernon EB onto Spalding WB
- Minimizes Right-of-Way impacts to property owners

# WHAT IS THE SOLUTION



# Levels of Service

## Queue Length for the Existing Intersection 2012



# Levels of Service

## Queue Length for the Future Intersection

10

