



TO: John McDonough, City Manager

FROM: Kevin J. Walter, P.E., Public Works Director

DATE: October 4, 2012, for Submission onto the Consent Agenda of the October 16, 2012 City Council Meeting

ITEM: Spalding/Mt Vernon Intersection Improvement (CIP T-0039) Preferred Design Alternative Approval

Recommendation:

Public Works staff recommends that the Mayor and City Council approve the current preferred alternative for the intersection improvement project of Spalding Drive and Mt. Vernon Road (CIP Project T-0039).

Background/Discussion:

The need and purpose of the project is to improve the existing sight distance when driving eastbound on Spalding Drive, to improve the overall traffic operations of the intersection, to improve pedestrian connectivity, and to minimize the impacts to the neighborhoods. After a competitive request for proposal (RFP) selection process was completed, a design services contract was signed with Southeastern Engineering, Inc. (SEI) in March 2012. Several alternatives were identified by staff and the design consultant and three public information meetings were held on the project between April 2012 and September 2012. Once the preferred alternative is approved by Mayor and City Council, the final construction plan development will commence which should result in beginning construction by the spring of 2013. Construction completion is tentatively anticipated by the spring of 2014.

Alternatives:

Council could decide not to proceed with the current preferred alternative in which case the much need improvement of the intersection may be delayed.

Financial Impact:

Mayor and City Council Authorized \$150,000 as part of the FY12 City budget for design services of this project. An additional sum was added in the FY13 budget for construction. The current engineer's estimate for the preferred alternative for the project is currently within the existing budget.

Attachments:

- I. Presentation
- II. Resolution

*Public
Works*

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

**CITY COUNCIL MEETING
CONSENT AGENDA**

OCTOBER 16, 2012



NEED AND PURPOSE FOR PROJECT

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■ SAFETY

- 20 Accidents in Four Years (2008-2012)
- 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

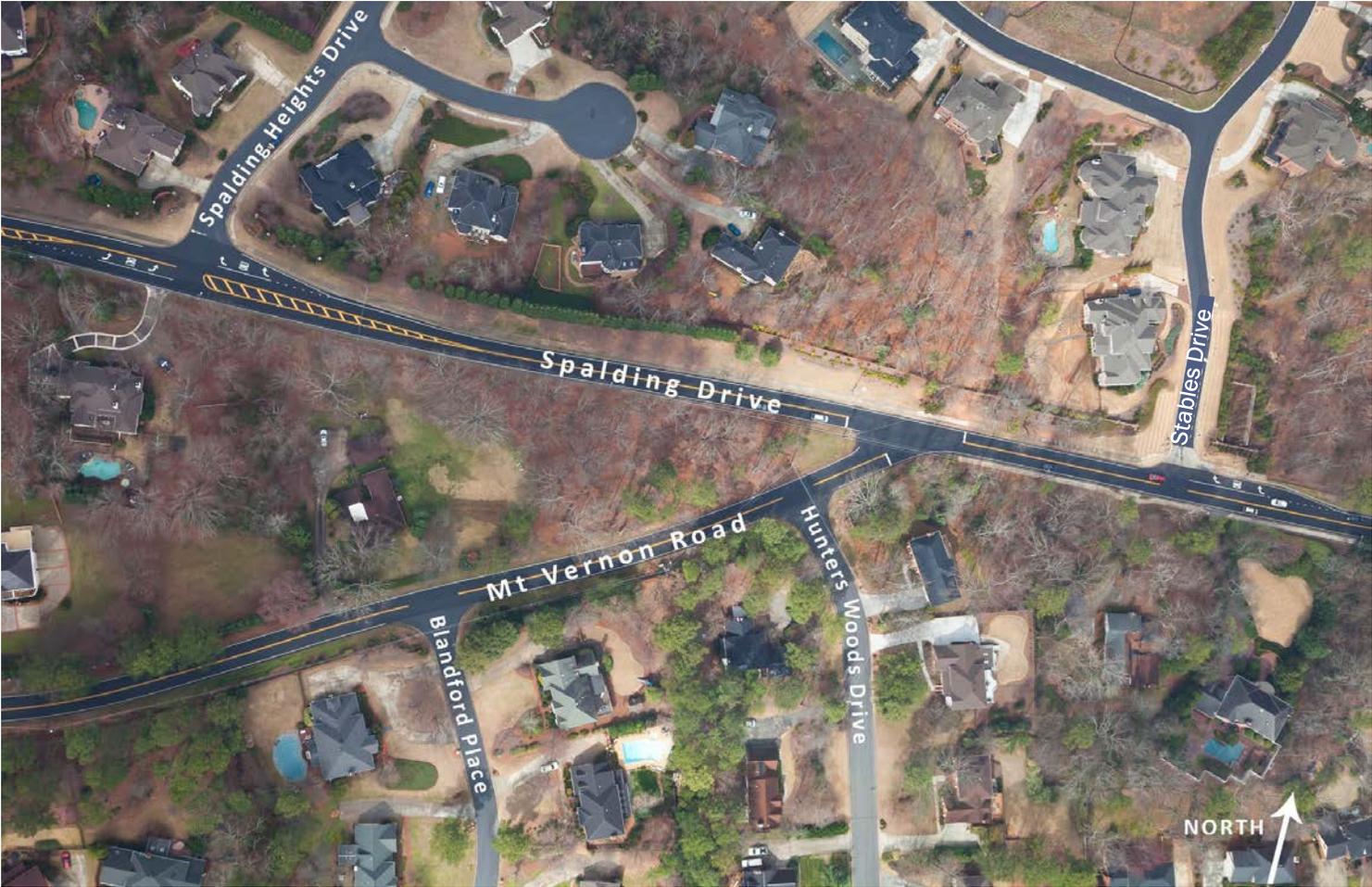
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- **FIRST OPTIONS TO MAXIMIZE SAFETY & TRAFFIC**
 - Roundabout Options
 - Cut Off or Isolated Hunters Woods Drive
 - Judged to have too large an impact on Neighborhoods

- **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

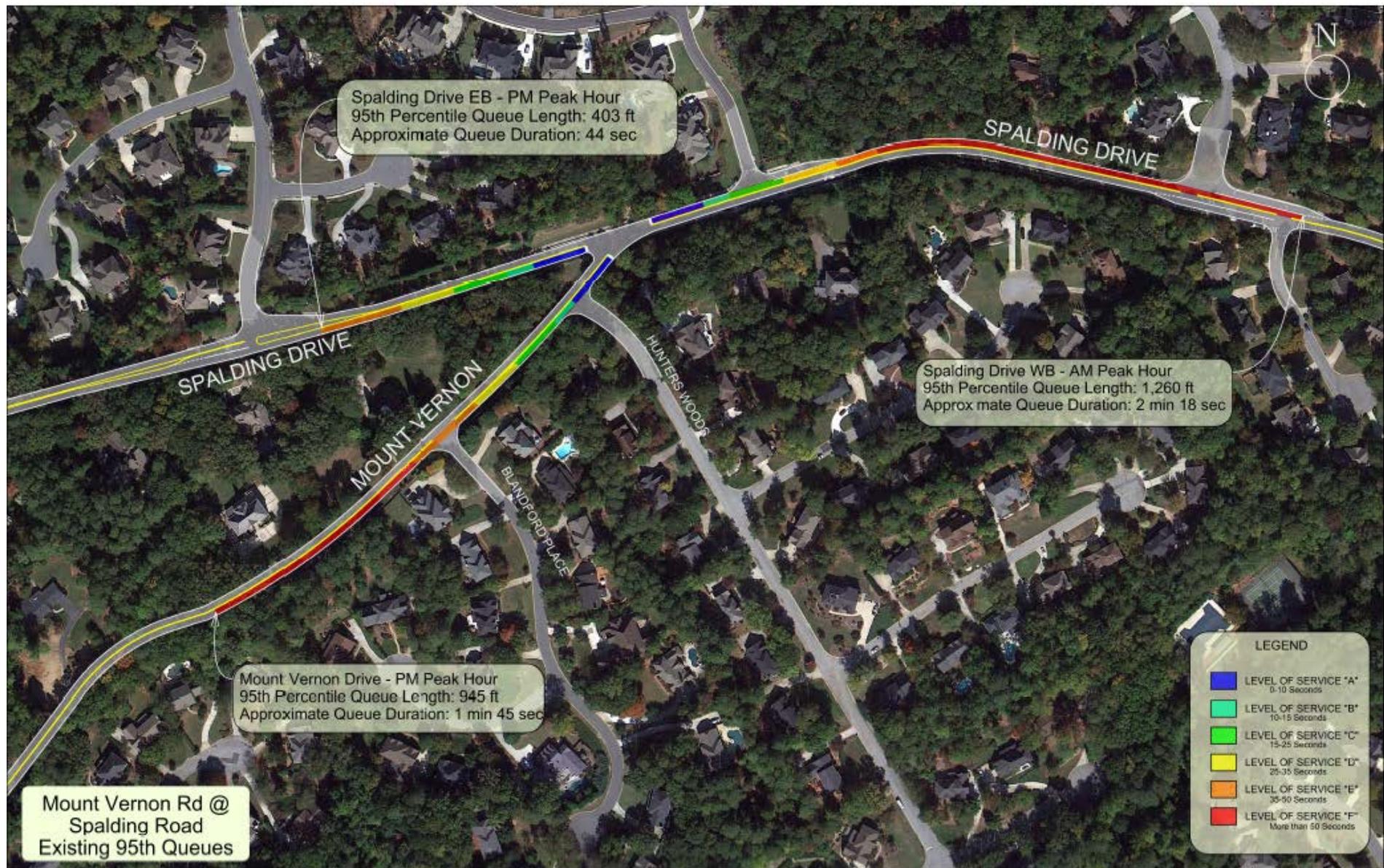
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- July 2009 Project Identified
- July 2011 Project Funded
- January 2012 Project Kickoff
- April 2012 1st Public Meeting
- June 2012 2nd Public Meeting
- September 2012 3rd Public Meeting
- October 2012 City Council Update
- Spring 2013 Start Construction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

Levels of Service

Queue Length for the Existing Intersection 2012

6



Levels of Service

Queue Length for the Future Intersection

7



Accident Data

2008 - 2012

8



- Total of 20 accidents with 7 injuries (3 additional accidents this year)

WHAT IS THE SOLUTION-SELECTED DESIGN

9

■ 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

PLAN VIEW OF SELECTED DESIGN



STATE OF GEORGIA
COUNTY OF FULTON

A RESOLUTION TO APPROVE THE CURRENT PREFERRED INTERSECTION IMPROVEMENT DESIGN ALTERNATIVE FOR THE SPALDING DRIVE AT MOUNT VERNON ROAD INTERSECTION IMPROVEMENT PROJECT (CIP T-0039) SO THAT FINAL CONSTRUCTION PLANS CAN COMMENCE.

WHEREAS, it is necessary, from time to time, to establish policies, procedures and guidelines consistent with the administration of a municipal government consistent with the US Constitution, Federal Statutes, alignment with Federal, Georgia's State Constitution, and the Charter for the City of Sandy Springs and

WHEREAS, the Department of Public Works, in response to the guidance provided by the City Manager, entered into a contract for design services with Southeastern Engineering, Inc. (SEI) in March of 2011 for the engineering analysis associated for the design of the Spalding Drive and Mount Vernon Road Intersection improvement project (CIP T-0039); and

WHEREAS, the Department of Public Works further seeks the authority to proceed with the final engineering plans of the current preferred alternative for the project; and

WHEREAS, upon adoption of this Resolution, City of Sandy Springs Public Works Department staff will manage all applicable phases of the additional design services.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF SANDY SPRINGS, GEORGIA

That they approve the current preferred alternative for the design of the Spalding Drive and Mount Vernon Road Intersection Improvement Project (CIP T-0039) and authorize the Department of Public Works to proceed with final construction plans for the project.

RESOLVED this the 16th day of October, 2012.

Approved:

Eva Galambos, Mayor

Attest:

Michael Casey, City Clerk
(Seal)