

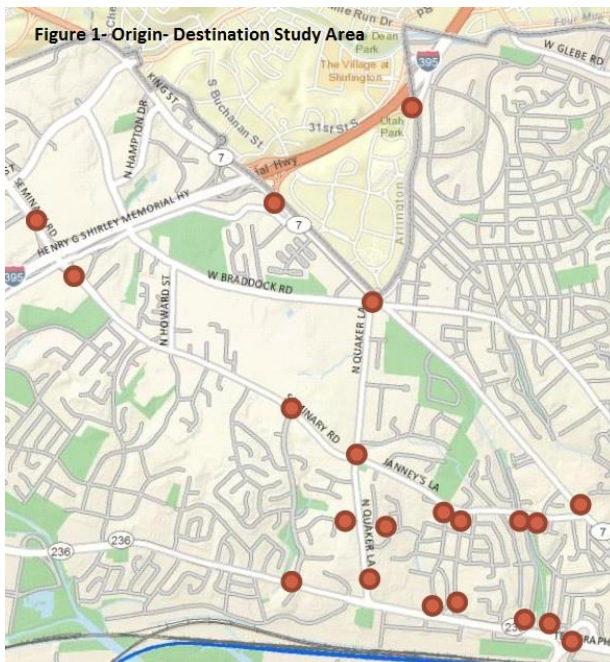
Central Alexandria Traffic Study Scope Summary - DRAFT
November 28, 2016

Introduction

In response to resident concerns about increased traffic and traffic diversion to neighborhoods in central Alexandria, City Council has directed to staff to conduct a comprehensive traffic study, which will examine traffic volumes, speeds, and traffic origins and destinations. The traffic study will specifically focus on Seminary Hill, Seminary Ridge, Clover College Park, and Taylor Run Civic Associations' areas.

Key Work Tasks

- Understand travel pattern, traffic volumes, speeds, and traffic origins and destinations as shown in Figure 1.



- Review background studies
- Collect existing conditions data: origin-destination (O-D), volume, speeds, crashes
- Acceptable methods for data collection include the use of cell phone data, bluetooth, license plate video/photo, and/or aerial photography
- Provide a matrix with pros and cons, and detection rate for each method and provide a sampling/survey plan
- Collect origin-destination data at between 15 and 20 locations when school is in session
- Duration of data collection - AM and PM peak hours for two-week period
- Approach volumes and speeds will be measured to support origin-destination data
- Prepare origin-destination report
- Prepare short term and long recommendations to mitigate cut-thru traffic
- Analyze existing conditions and mitigation measures
- Prepare preliminary cost estimates for potential improvements