Project Purpose

- Improve mobility on Connecticut Ave (MD 185) and University Blvd (MD 193)
- Provide alternative route for Southwest-Northeast Travel
- Maintain and enhance community character

Project Location

Project Website: http://www.montgomerycountymd.gov/dot-dte/projects/summitave/index.html
Welcome & Project Overview

• Life of a Transportation Project
  – 2012 Kensington Sector Plan and goals of project

• June 13, 2017 Workshop & Why are we here?

• Facility Planning Phase I (we are here...) - funded
  – Public Outreach; Data, Master Plan; Conceptual alternatives including No Build
  – Planning Board and County Council’s Transportation, Infrastructure, Energy & Environment (T&E) Committee Review

• Facility Planning Phase II (35% Design) – funded, if T&E / Council directed
  – Public Input; preliminary engineering; soils; geometries; alignments; minimize and mitigate noise and environmental; detailed scope, schedule & costs

• Final Design (PE), Right-of-way (RW), and Construction (CO) – NOT funded

• Project Data Analysis Overview

• Comments Received to Date & Next Steps
Summit Avenue Extension

Montgomery County Department of Transportation

• Potential Improvements:
  - Construct extension of Summit Avenue from Plyers Mill Road to Connecticut Avenue
  - Add a 125’ Plyers Mill Rd. westbound left-turn lane at Summit Ave.
  - Extend Knowles Ave. eastbound left-turn lane at Summit Ave. to 250’
Summit Avenue Extension

Montgomery County Department of Transportation

Conceptual Design

Typical Section Option A
Summit Avenue Extension

Montgomery County Department of Transportation

Conceptual Design

Typical Section Option B
MD 185 and MD 193 Intersection Alternatives

Alternative 1

- Summit extension added as west leg to Connecticut / University intersection
- Full set of movements allowed to/from Connecticut and University for Summit extended
- Modify median and adjust signal timings
MD 185 and MD 193 Intersection Alternatives

Alternative 2

- Summit extension added as west leg to Connecticut / University intersection
- University, Connecticut, and Perry become one-way
- Full set of movements allowed to/from Connecticut and University for Summit
- Property impacts along Perry Ave.
- Modify median, adjust signal timings, remove or reallocate excess pavement
MD 185 and MD 193 Intersection Alternatives

Alternative 3

• Summit extension added as west leg to Connecticut/University intersection
• University and Perry become one-way
• Full set of movements allowed to/from Connecticut and University for Summit
• Property impacts along Perry Ave.
• Modify median, adjust signal timings, remove or reallocate excess pavement
Summit Avenue Extension

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Intersection Level of Service - 2040 No Build and Alternatives

- Projected 2040 level of service
- Signalized intersections on Connecticut
- No-Build vs. Alts 1-3
- LOS the same or minor improvement with 10% diversion of traffic
Traffic Volumes – Existing and Future AM (PM) Peak Hours

- Volumes in 2040 No-Build forecast to be higher than Existing – Operations will be worse
- Heaviest southbound in morning and northbound in evening
- Approximately 10% of peak direction Connecticut traffic diverts to Summit extended
Summit Ave Bridge Widening Analysis

Build Alts: Summit Ave Bridge Section

Build Alts - Summit Ave Bridge Section with Additional Northbound Right-Turn Lane)

- Additional lane provides minimal traffic benefit
- Estimated cost (~$600K) for adding one lane only
- Additional costs for bicycle and pedestrian accommodations
- Prefer consistency with thru section

Build Alts: Summit Ave Bridge Section

1. Additional lane provides minimal traffic benefit
2. Estimated cost (~$600K) for adding one lane only
3. Additional costs for bicycle and pedestrian accommodations
4. Prefer consistency with thru section
Summary – Property Impacts

<table>
<thead>
<tr>
<th>Alt</th>
<th>Potential Displacements (EA)</th>
<th>Fee Simple (Acres)</th>
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</thead>
<tbody>
<tr>
<td>Alt 1</td>
<td>7</td>
<td>2.64</td>
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<tr>
<td>Alt 2</td>
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<tr>
<td>No Build</td>
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## Estimated Right-of-Way (ROW) and Construction Costs

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<th>Alternate 1</th>
<th>Alternate 2</th>
<th>Alternate 3</th>
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<td>Total</td>
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<td>$22.2M</td>
<td>$20.8M</td>
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Note: Estimated costs do not include design and construction management.
General Comments Received to Date

1. Maintain and enhance community character and enhance neighborhood access
2. Improve walking and bicycle access across MD 185
3. Coordinate with Fire and Rescue Coordination
4. Discourage cut-thru and high speed traffic (Summit Ave., Knowles Ave., east of MD 185 / MD 193 etc.)
5. Grid concepts
6. Roundabout at MD 185 / MD 193
7. Consider interim connection to Dupont
8. No need for Parking on Summit Avenue Bridge
9. Transit Stop Improvements at Safeway and Turn lanes along MD 185
Summit Avenue Extension

Montgomery County Department of Transportation

Schedule & Next Steps

• Comment period EXTENDED from June 30, 2017 to October 16, 2017
• Review and summarize comments – Fall 2017
• Prepare Study Summary Report – Spring 2018
• Planning Board & Council T&E Overview – Spring / Summer 2018
• Phase II – Facility Planning, if approved – Fall 2018
• PE, RW and CO not funded at this time

Contact:
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Questions???

E-mail or mail in written comments until October 16, 2017


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