UPC 102944
Centerville Road at News Road
James City County
May 10, 2016
Proposed Project Design

Cost Summary (in millions)

<table>
<thead>
<tr>
<th>Phase</th>
<th>Turn Lane Design</th>
<th>Roundabout Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEE</td>
<td>0.29</td>
<td>0.29</td>
</tr>
<tr>
<td>Right of Way</td>
<td>0.21</td>
<td>0.24</td>
</tr>
<tr>
<td>Utility Pals.</td>
<td>0.89</td>
<td>0.38</td>
</tr>
<tr>
<td>Construction</td>
<td>1.46</td>
<td>1.47</td>
</tr>
<tr>
<td>Total</td>
<td>2.85</td>
<td>2.36</td>
</tr>
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Proposed Right of Way

- Stormwater Management Design
- Expansion

Proposed Westbound Right Turn Lane
- New Road

Proposed Northbound Right Turn Lane
- Centerville Road

Proposed Southbound Left Turn Lane
- Centerville Road

Proposed Northbound Right Turn Lane
- Centerville Road

Proposed Southbound Left Turn Lane
- New Road

Proposed Westbound Right Turn Lane
- New Road

Proposed Right of Way
- Stormwater Management Design
- Expansion

This design concept includes:
1. Adding a right turn lane on New Road using Curb
2. Adding a left turn lane on Centerville Road using Curb instead of shoulder design
3. Adding a right turn lane on Centerville Road using curb (improves sight distance)
4. Adding a new traffic signal

Legend:
- Proposed Pavement
- Proposed Curb or Private Entrances
- Green Space Behind Curb
- Area of Proposed Permanent Easement
- Area of Proposed Right of Way
The current design includes the following:

- Left and right turn lanes on Centerville Road and a right turn lane on News Road to meet existing and future warrants.
- Sight distance improvements by adding the right turn lane on Centerville Road
- New traffic signal to address existing and future capacity issues
- Mountable curb on right turn lanes and left turn lane widening in order to reduce property impacts
## Cost Comparison

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<tr>
<th>Scope</th>
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<td>PE</td>
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- Values in millions
Right of Way Impacts Comparison

<table>
<thead>
<tr>
<th>Acquisition Type</th>
<th>Turn Lane Design</th>
<th>Roundabout Design</th>
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<tbody>
<tr>
<td>Proposed Right of Way</td>
<td>0.20</td>
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<tr>
<td>Proposes Permanent Easement</td>
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</tbody>
</table>

• Values in acres
Changes Since Public Hearing

- Alignment shift removed in order to reduce project length and lower costs for turn lane design.

- Shoulder section on west side of Centerville Road replaced with curb in order to minimize impacts on adjacent properties.