King Street
Complete Streets Project

North Ridge Citizens’ Association
April 11, 2016
Project Overview

• King Street resurfacing this summer
• Complete Streets policy
• Community Meeting #1 in November 2015
• Tonight: Present options and get feedback

Project Goals

• Provide facilities for people who walk, bike, ride transit or drive cars
• Improve the safety and convenience for all street users
• Implement City Council adopted plans and policies
Project Limits: Radford St. to Janney’s Ln.
Public Outreach Process to Date

- November 17, 2015 – Public Meeting #1
  - Received feedback on issues/concerns
- February 11, 2016 – Public Meeting #2
  - Presented 3 options – feedback
- February 15, 2016 – Alexandria BPAC Meeting
- February 23, 2016 – Meeting with Residents – Melrose Area
- February 12th – 29th – Alex Engage Open
- March 8, 2016 – Meeting with Residents – Kings Cloister Area
- March 16, 2016 – Transportation Commission Update
- March 28, 2016 – Traffic and Parking Board Update
- April 11, 2016 – North Ridge & Taylor Run Citizens Association
Summary - What we heard

What We Heard

Difficult to cross King Street
Pedestrian safety concerns near school
Vehicle speeds along King Street are high
Street crossings are long
Not enough time to cross at lights
Unsafe for people who bike
Difficult to access bus stops
Improvements needed at intersections
Need to change character of the roadway
Option 1
Complete Street Maintenance

Option 2
Pedestrian & Accessibility Intersection Enhancements

Option 3
Complete Street Corridor Improvements
King Street
Existing Conditions
Option 1: Complete Street Maintenance

Elements

- Improve curb ramps
- Install crosswalks along side streets
- Provide ADA compliant bus stops

Considerations

- Minimal pedestrian improvements
- No bicycle or vehicular improvements
- No major changes to street
Option 2: Pedestrian & Accessibility
Intersection Enhancements

- Remove westbound travel lane and install left turn lanes
- Provide pedestrian & streetscape improvements at intersections
- Improve pedestrian crossings at bus stops
Option 2: Considerations

- Westbound travel time along corridor increases by 13s in AM peak (11s in PM peak)
- Change character of roadway at intersections
- No improvements for people who bike
Project Limits: Radford St. to Janney’s Ln.

Section 1

Section 2
Option 3: Complete Street Corridor Improvements – Radford Street to Chinquapin Drive (Section 1)

- Remove westbound travel lane
- Provide westbound bike lane (to Kenwood Avenue) and east bound shared lane in front of school
- Provide left turn lane into school at Kenwood Avenue
- Provide left and right turn lane at Chinquapin Drive
Option 3: Complete Street Corridor Improvements – Chinquapin Drive to Janneys Lane (Section 2)

- Remove one travel lane in each direction and provide left turn lanes
- Provide pedestrian & streetscape improvements at intersections
- Improve pedestrian crossings at bus stops
- Install buffered bike lanes
Option 3: Considerations

- Eastbound travel time increases by 7s in the AM peak (3s in PM peak)
- Westbound travel time increases by 13s in AM peak (11s in PM peak)
- Provides separation between vehicles and sidewalk
- Provides designated space on street for all users for most of corridor
- Changes character of the corridor
- Provides major pedestrian improvements at Kenwood Avenue for increased safety at school
Option 3 Corridor Concept: Section 2
Typical Intersection improvements

• With option 2 & 3, “typical” improvements can be made to the following intersection:
  • Albany, Quincy and Tuckahoe

• Improvements Include
  • Planted pedestrian refuge island
  • High visibility crosswalk
  • Left turn lane
Lane Reduction Options 2 & 3

• Potential improvements with options 2 & 3
  • Change to overall character of roadway
  • Pedestrian refuge islands and new crosswalks at intersections with bus stops (6)
  • Major pedestrian improvements at:
    • Kenwood Avenue
    • Scroggins Road
    • Melrose Street
• Left turn bays/center turn lane
• Reduced speeds with speed indicator signs
What could it look like?
# Option Matrix

<table>
<thead>
<tr>
<th>What We Heard</th>
<th>Complete Street Maintenance</th>
<th>Pedestrian &amp; Accessibility Intersection Enhancements</th>
<th>Complete Street Corridor Improvements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Difficult to cross King Street</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Pedestrian safety concerns near school</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Vehicle speeds along King Street are high</td>
<td></td>
<td>✓ -</td>
<td>✓</td>
</tr>
<tr>
<td>Street crossings are long</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Not enough time to cross at lights</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Unsafe for people who bike</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Difficult to access bus stops</td>
<td>✓ -</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Improvements needed at intersections</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Need to change character of the roadway</td>
<td></td>
<td>✓ -</td>
<td>✓</td>
</tr>
</tbody>
</table>
Questions and Comments
Next Steps

• Public Meeting #3 – April 21\textsuperscript{st}

• Traffic and Parking Board Public Hearing – May 23\textsuperscript{rd}

Hillary.Orr@AlexandriaVA.gov
https://www.alexandriava.gov/86423