VILLAGE OF LUCKETTS SAFETY IMPROVEMENTS

Virtual Public Information Meeting
VDOT PROJECT 0015-053-128; UPC 68760

Kimberly McCool, P.E.
VDOT Preliminary Engineering Manager

July 29, 2021
Virtual Public Information Meeting in Response to COVID-19

This virtual public information meeting and the VDOT website provides the same information as an in-person public information meeting:

✔ Project information
✔ Process for submitting comments
✔ Key contacts
Webex Meeting Tips

• Participants will be muted during the presentation.

• The project team will respond to as many oral and written questions as we can after the presentation.

• Written questions may be submitted at any time using the Q&A box.

• Instructions for oral participation will be discussed at the end of this presentation.

• Additional questions not submitted tonight can be emailed to meetingcomments@vdot.virginia.gov. Please include “Village of Lucketts Safety Improvements” in the subject line.

• The meeting tonight will be recorded. The video will be available on the project website.
Project Location
Project Team

Kimberly McCool, P.E.
VDOT
Preliminary Engineering Manager - Loudoun County

Hamid Misaghian, P.E.
VDOT
Project Manager, Location & Design

Mark Phillips, P.E.
Kimley-Horn and Associates, Inc.
Presentation Outline

- Project Overview
- Project History
- Alternative Concepts
- Project Concept Plan
- Preliminary Project Schedule
- Preliminary Project Estimate
- Questions and Comments
Project Overview

- Loudoun County administered the Village of Lucketts Safety Improvements project from 2004-2006 resulting in a concept design endorsed by the Board of Supervisors that was estimated to cost $12 million.

- VDOT assumed administration of the project in 2007 with a budget of $4 million but suspended work in 2015 due to the absence of adequate funding to complete the project.

- In 2018 the project became subject to the Federal Highway Administration’s (FHWA) “10 year rule”:
  - By federal code, a project using federal funds must advance to right of way acquisition or construction within 10 years or the funds need to be returned in full to FHWA, unless an extension is granted
  - A reduction in scope was needed to have a project that could be built with the remaining budget of $2.3 million; VDOT selected the gateway elements from the 2006 concept design, and received an extension from FHWA to June 2021
  - VDOT presented the project featuring gateway elements to the public in September 2019 but received feedback expressing a preference for improvements within the limits of the village
Begining in 2020, VDOT identified and evaluated several additional concepts for improvements in the village – sidewalks, turn lanes, and intersection improvements. Coordination with county agencies and further public involvement on these concepts was delayed during the Covid-19 pandemic.

In 2021, with the 10-yr deadline approaching, VDOT selected a preferred concept and obtained a second and final time extension from FHWA to Dec 2024.

This presentation will review more details of the project history, additional concepts evaluated by VDOT in 2020 not previously reviewed with the public, and provide details of the preferred concept including a future schedule.

The intent is a viable project scope that:
- Provides a beneficial safety improvement internal to the Village of Lucketts
- Can be completed within cost and time constraints
- Is consistent with the Board-approved 2006 concept
- Is separate but compatible with other projects proposed by the County
Project History - Loudoun County Efforts

- **Community Vision**
  - Walkable, safe community that will protect its historic character while allowing continued growth

- **Extensive Community Involvement**
  - Citizen Input Meeting (November 18, 2005)
  - Public Workshop (June 15, 2006)
  - Corridor walk (July 8, 2006)

- **Loudoun County Board of Supervisors endorsed the Concept Plan in October 2006**
2006 Concept Plan
2006 Concept Plan

Village Gateway Elements
2006 Concept Plan

Raised Medians, Curb and Gutter and Landscaping and Lighting Elements

Virginia Department of Transportation
2006 Concept Plan

Sidewalk Elements

Virginia Department of Transportation
2006 Concept Plan

Traffic Elements - Turn Lanes, Access Consolidation

Virginia Department of Transportation
Project History - VDOT Efforts

- Project handoff to VDOT after Concept Plan development
- Scoping Meeting held March 14, 2007
- Value Engineering completed September 2013
- Advanced Design towards Public Hearing Stage in 2015
  - Environmental Document
  - Plans developed to 40%
  - Project Estimate
- Project Placed on hold in 2015 due to funding issues
Project History - VDOT Efforts

- Beginning in 2018, VDOT evaluated smaller scope projects that could be implemented within available funding.
- Received an extension of FHWA ‘10 year rule’ in December 2018.
  - A project using federal funds must advance to right of way acquisition or construction within 10 years of allocation or the funds need to be returned, unless an extension is granted.
- September 30, 2019 Community Meeting.
  - Public preferred improvements internal to Lucketts.
- Evaluated several alternative concepts in coordination with Loudoun County.
- Received Second and Final Extension of FHWA 10-year Rule July 1, 2021.
Alternate Concepts

**Splitter Island South**
Project Estimate $1,334,000

Reasons not advanced
- Not internal to Lucketts
- Lacked Community Support from 2019

Community Meeting

**Splitter Island North**
Project Estimate $938,000

Reasons not advanced
- Not internal to Lucketts
- Lacked Community Support from 2019

Community Meeting
Alternate Concepts

**Easterly Sidewalk With Left Turn Lane**
Project Estimate $3,129,000

Reasons not advanced
- Sidewalk connection between Elementary School and Community Center constructed in 2020
- High Cost

**Easterly Sidewalk Without Left Turn Lane**
Project Estimate $1,704,000

Reasons not advanced
- Sidewalk connection between Elementary School and Community Center constructed in 2020
Alternate Concepts

Route 15 Lucketts Road Intersection Improvements
Project Estimate $3,027,000

- Impacts to adjacent properties, utilities, drainage.
  Close proximity to buildings on NE & NW corners.
- High Cost

Westerly Sidewalk with Median Refuge Concept
Project Estimate $1,704,000

- Raised median not feasible due to turning vehicles

Reasons not advanced
Proposed Plan - Westerly Sidewalk and Curb Extension Concept
● Sidewalk with grass buffer on the west side of Route 15
- Sidewalk with grass buffer on the west side of Route 15
- Curb extension and bump out north of the school entrance
- Relocate the existing crosswalk to the north side of the school entrance
- Sidewalk with grass buffer on the west side of Route 15
- Curb extension and bump out north of the school entrance
- Relocate the existing crosswalk to the north side of the school entrance
- **New crosswalks**
  - Across school entrance
  - Across Stumptown Road with pedestrian signal/push buttons
Existing Conditions Photographs

Lucketts Elementary School - Northern Entrance (Looking North)
Existing Conditions Photographs

Lucketts Elementary School - Northern Entrance (Looking North)

- Add New Sidewalk
- Remove Existing Crosswalk
- Add New Crosswalks
- Concrete Bump Out

Virginia Department of Transportation
Existing Conditions Photographs

Intersection of Route 15 and Stumptown Road/Lucketts Road

(Looking West from Lucketts Road)

New Crosswalk
Pedestrian Signal

(Looking East from Stumptown Road)

Pedestrian Signal
New Crosswalk
Existing Conditions Photographs

Intersection of Route 15 and Stumptown Road/Lucketts Road

(Looking West from Lucketts Road)

(Looking East from Stumptown Road)
Upcoming Project Schedule Milestones

- Public Information Meeting (Virtual) - July 29, 2021
- Environmental Document - Winter 2021/2022
- Design Public Hearing - Winter 2021/2022
- Right of Way Acquisition - Begin Late Summer 2023
- Begin Construction - Spring 2025
- End Construction - Winter 2025
Project Funding

- Total allocations included $3,906,631 in Federal and State funding
  - $2,976,749 in Federal Demonstration Funds
  - $929,882 in NVTD Bond Funds
- Remaining Budget - $2,278,000
- Proposed Concept Plan Estimate - $2 million
Conclusion

Proposed plan is consistent with the 2006 Concept Plan
  - Sidewalk on west side of Route 15
  - Shortened Right Turn Lane

Proposed plan does not preclude future improvements

Proposed plan meets schedule and budget constraints
How to Submit Your Comments

Give feedback on the virtual public information meeting in the following ways by August 9, 2021:

Email Us
meetingcomments@VDOT.virginia.gov
Please reference “Village of Lucketts Safety Improvements” in the subject line

Mail Us
Mr. Hamid Misaghian
VDOT’s Northern Virginia District
4975 Alliance Drive
Fairfax, Virginia 22030

Comment
In the Questions window during the virtual meeting or online at www.virginadot.org/Lucketts using the comment sheet
Asking Questions in Webex Meeting

1. Click “Participants” in the lower right-hand corner

2. **TO ASK A WRITTEN QUESTION**
   - Expand the Q&A drop-down box
   - Type your question in the text box
   - Make sure the message is addressed to “All Panelists”
   - Then click send

3. **TO ASK AN ORAL QUESTION**
   - “Raise Your Hand” by clicking on the hand icon 🤘 in the right-hand corner of the Participants drop-down box.
     - All Participants are muted by default
     - The moderator will state your name when it is your turn to ask a question
     - Be sure to “ unmute” your microphone before you speak by clicking the microphone icon on the right hand side by your name and your “hand.”
     - Please limit your question or comment to approximately 3 minutes.
     - Click the hand icon again to “lower your hand” once you have completed your questions.
   - Phone participants dial *3 to request to speak.
   - If you get disconnected, please attempt to rejoin the meeting.
Questions? Comments.

www.virginiadot.org/Lucketts