



Loudoun County

VIRGINIA

WHERE TRADITION MEETS INNOVATION

Virtual Public Information Meeting Live Q&A Event

Department of Transportation & Capital Infrastructure (DTCI)

Route 50 and Trailhead Drive Roundabout

December 17, 2020, 6:00 – 7:00 p.m.

The public outreach meeting will be conducted in a virtual manner due to COVID-19 restrictions and pursuant to the ordinance re-adopted by the Loudoun County Board of Supervisors on October 14, 2020.

Ground Rules

Introductions and Welcome

Overview Presentation

Enrolled Call-in Questions

Chat Room Questions

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Project Introduction & Description

- Intersection Improvement Project
- Project Need
 - Address safety concerns
 - Improve traffic operations
- Conceptual Design - Roundabout
 - Seeking Public Input
 - If design is significantly changed, additional public information meetings will be held.



Benefits of the Roundabout

- Improves Safety
- Provides Traffic Calming (Slows Operating Speeds)
- Increases Efficiency / Reduces Congestion
- Long-term Cost Effectiveness
- Allows for Aesthetic Treatment

[VDOT Video on Roundabouts](#)

<https://www.youtube.com/watch?v=fPbWjoSYU1Q&list=PLiCpIfP-UWcAyWyzg75uZ0UI6m44evCeT&index=2&t=9s>

Existing Conditions



- 30+ crashes in the past five years
- Field Observations
 - Aggressive driving
 - Lack of sight distance westbound
 - No left turn lane from Route 50 onto Trailhead Drive

Design Features

- Accommodates left turns from Route 50 westbound to Trailhead Drive.
- Bypass lane from Trailhead Drive to Route 50 eastbound.
- Alternate designs possible.
- No homes or businesses will be relocated.





APCO PROPERTIES, INC.
DB 808 PG 008
0202 AC
0707 2850433000

TIMBER RIDGE AT
HAYLAND, LLC
0202 AC
0202 2850433000

KVA, LLC
0202 AC
0707 2850433000

JOHN E. LYNCH SR., TRUSTEE
BETTY M. LYNCH, TRUSTEE
DB 808 PG 008
0202 AC
0707 2850433000

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DB 808 PG 008
0202 AC
0707 2850433000

TIMBER RIDGE AT
HAYLAND, LLC
0202 AC
0202 2850433000

ROUTE 50

ROUTE 50

LENAH GAS STATION, LLC
0202 AC
0707 2850433000

414 JOHN MOSEY, LLC
0202 AC
0707 2850433000

SAMUEL J. SKILLMAN, III, TRUSTEE
KAREN A. SKILLMAN, TRUSTEE
DB 804 PG 300
0202 AC
0707 2850433000

RED MARLA, LLC
0202 AC
0707 2850433000

FRANCIS WAYNE PEER
JEANETTE H. YOCUM
DB 807 PG 000
0202 AC
0707 2850433000

FRANCIS WAYNE PEER
JEANETTE H. YOCUM
DB 807 PG 000
0202 AC
0707 2850433000

LENAH RUN HOMEOWNERS
ASSOCIATION
DB 808 PG 100
0202 AC
0707 2850433000

SREEDHAR MARAM
BHACAREKHA MARAM
0202 AC
0707 2850433000

TRAILHEAD DRIVE

Design Features

- Design Vehicle
 - Route 50–Tractor Trailer
 - Trailhead – Fire Ladder Truck, School Bus, etc.
- Central Island
 - Inscribed Diameter = 140 ft
 - Raised Diameter = 80 ft
 - Not Traversable
 - Truck Apron
- Splitter Islands

Design Features

AM Peak Hour Roundabout – Video on next slide.

Lenah Farm Lane

Route 50

Route 50

Trailhead Drive

KAY A. L.L.C.
Inst.: 200404250041886
2,000 AC.
GPIN# 286404789000

FRANCIS WAYNE
JEANETTE
Inst.: 20170
Inst.: 20

NED MAMULA, LLC
Inst.: 200504180038771
1,09099 AC.
GPIN# 286406255000

TRUSTEE
TRUSTEE



Design Considerations

- Stormwater Management
- Environmental Compliance
- Maintenance of Traffic
- Utility Relocations
- Lighting
- Other



Design – Build Delivery

- Benefits:
 - Accelerates Project Completion
 - Invites innovation
- The design presented tonight is part of the Request for Proposal Package.
 - Refinements to the design.

Design – Build Procurement

Where are we in the process?

- **Phase 1 – Qualifications Phase**

- County Issued Request for Qualifications (RFQ) – 10/29/2020
- Contractors submit Qualifications (SOQ) – 12/21/2020
- County “Short-lists” 3 or more DB Contractors – Feb. 2021

- Phase 2 – Proposal Phase

Design – Build Procurement

- Phase 1 – Qualifications Phase
- **Phase 2 – Proposal Phase**
 - Request for Proposal Public Information Meeting
 - The public's input from the meeting will be included in the Request for Proposal (RFP).
 - County staff will review the feedback and shared with the design-build team.
 - County Issues Request for Proposals
 - Short-listed Firms Prepare & Submit Proposals
 - County Evaluates Proposals
 - Final Selection Based on Value – Combination of Price and Other Factors

Project Schedule and Cost

- Schedule

- Preliminary Design Started Fall 2019
- RFQ Issued October 29, 2020
- SOQ Due December 21, 2020
- Anticipated RFP Release – March 2021
- Anticipated Design-Build Award Date
- Construction Substantial Completion – November 2023

- Project Cost

- \$10 Million (est.) – This includes Design, Land Acquisition, Utility Relocation and Construction.

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TIMER

Two Minutes for Each Speaker



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Chat Room Questions

The project team is on the line and prepared to answer any questions that are asked through the Chat window.

To access the Chat window and ask a question:

- Click on the circular chat bubble in the middle of the WebEx screen.
- The Chat window will appear in the right margin.
- In that window you will see a box to enter your comment.
- In the drop down menu, scroll to the bottom and select **ALL PANELISTS**.
- Write your question in the box and click enter.

Project Team Contact Information

Loudoun County

Mark Hoffman, Design Program Manager

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Suheili Pérez-Jiménez, Project Manager

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Consultants

Michael Baker International

Thank You

For more information:



loudoun.gov/rt50trailheadroundabout



dtci@loudoun.gov



703-737-8624



Route 50 and Trailhead Drive Roundabout

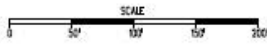
December 2020

Project Location



Route 50 & Trailhead Drive Intersection
Loudoun County

North Arrow & Scale



Legend

	PROPOSED ROADWAY		PROPOSED CONCRETE MEDIAN
	PROPOSED GRASS MEDIAN/BUFFER		PROPOSED TRUCK APRON
	PROPOSED NEW CURB OR CURB & GUTTER		POTENTIAL LOCATION OF STORMWATER FACILITY
	EXISTING RIGHT OF WAY		EXISTING EASEMENTS
	EXISTING PROPERTY LINE		

These plans are unfinished and unapproved and are not to be used for any type of construction.

Contact Information

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101 Silver Spring Dr., Ste. 102
PO Box 7500
Leesburg, VA 20177-7500

Michael Baker
INTERNATIONAL

Route 50 & Trailhead Drive/Lenah Park Lane Roundabout
Loudoun County, VA

DCDP42000010
Department of Building and Development Project Number

These plans are unfinished and unapproved and are not to be used for any type of construction or the construction of any structure. All required assessments for utility relocation may be required beyond the proposed right-of-way shown on these plans.

