

**ROCK
CREEK**
FAR WEST
Livability Study

Public Workshop #3

August 27, 2019



What is Livability?

Livability refers to the quality of life as experienced by the people who live, work, and recreate in a community.

In a transportation context, livability refers to **improvements in public space that increase safety and access for all users of the transportation system.**

Livability studies are approached from a system-wide or network perspective.

Livability studies align with Mayor Bowser's Vision Zero Initiative, which has an objective to reach zero fatalities and serious injuries to travelers of the District's transportation system by 2024.

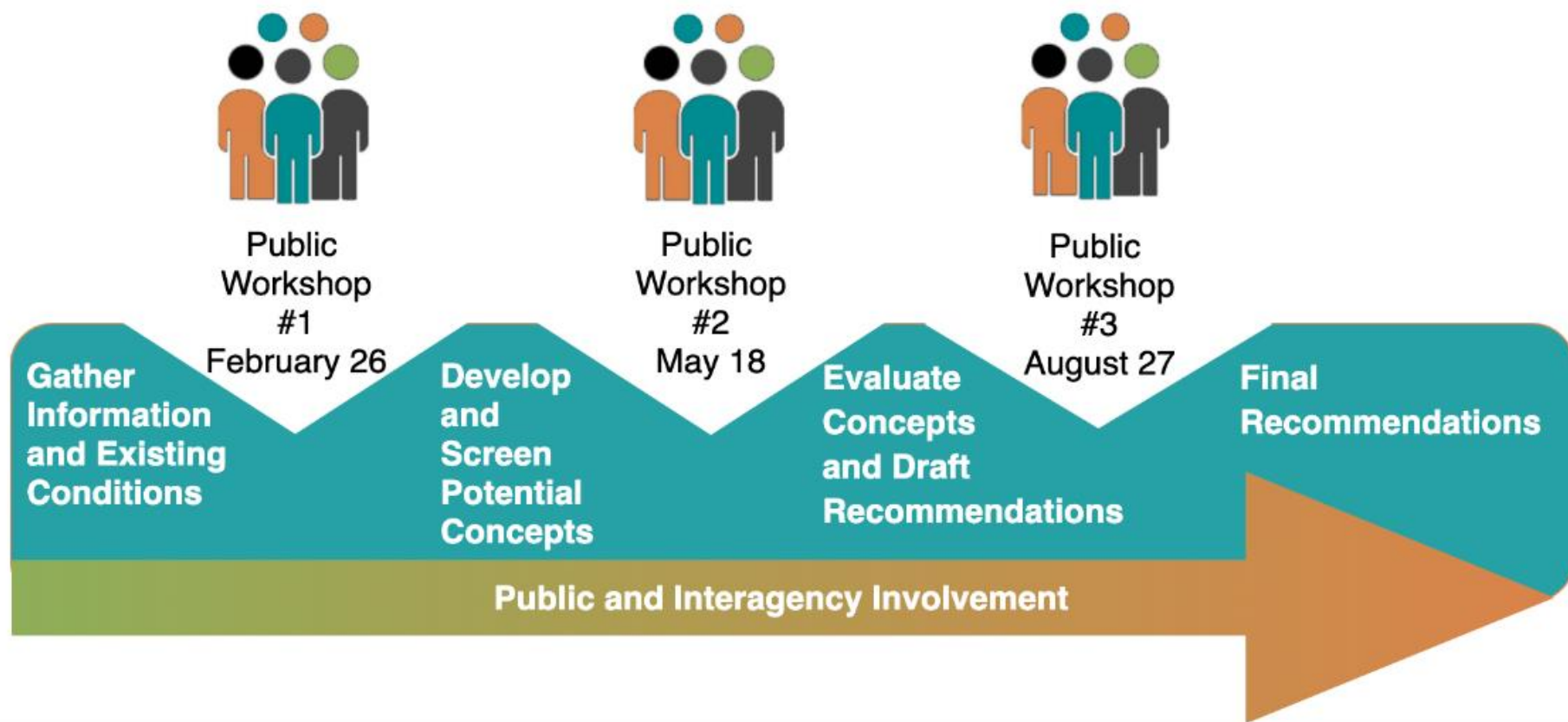
Study Area



Goal

Identify opportunities for safer travel for residents and visitors to the study area, and improve the transportation network, regardless of how you get around.

Study Process



Objectives

- Develop a comprehensive approach to managing traffic for all users, regardless of mode
- Identify specific safety issues
- Design cost-effective system improvements
- Emphasize safety and access improvements around public spaces and neighborhood facilities
- Enhance comfort and livability for everyone
- Make study approach and recommendations consistent with Vision Zero

Next Steps

Short Term (1-2 Years)

Can be executed through existing contracts and do not need capital funding design work or environmental clearance

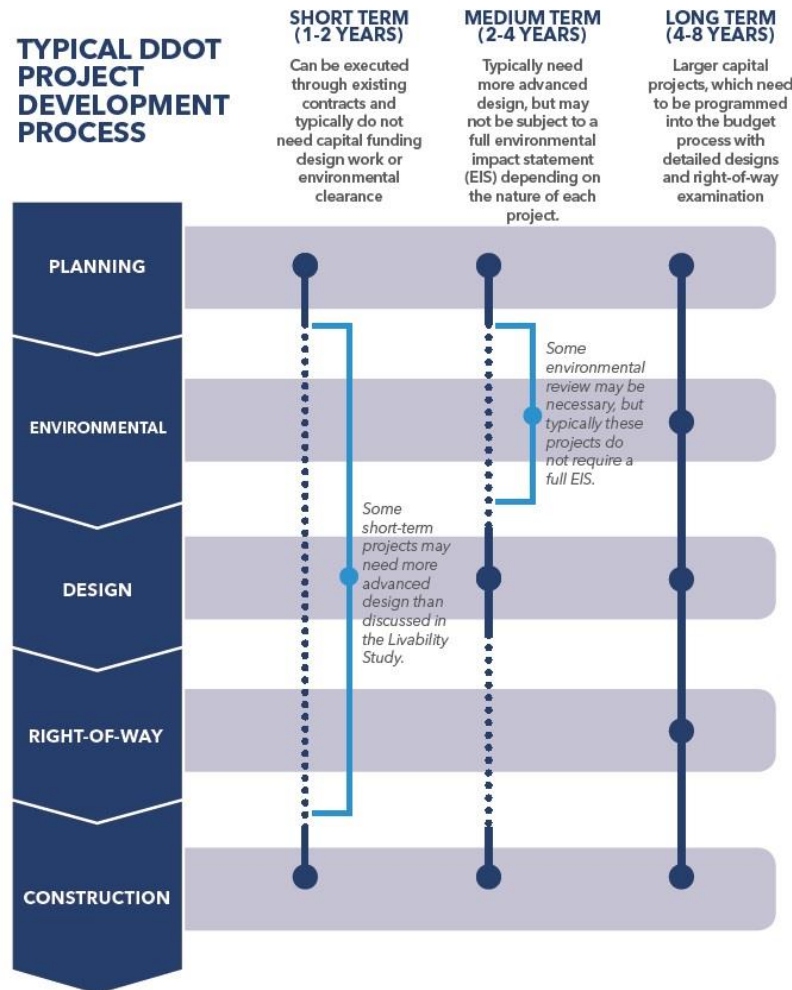
Medium Term (2-4 Years)

Projects that need more advanced design, but may not be subject to a full environmental impact statement (EIS) depending on the nature of each project.

Long Term (4-8 Years)

Larger capital projects, which need to be programmed into the budget process with detailed designs and right-of-way examination

Next Steps



Next Steps FAQs

Q: I support/oppose a recommendation from the study. How can I stay involved if it moves to the next step?

A: Go to the “Get Involved” page of the study website and indicate what recommendations you’re interested in. You can also leave comments today, or email the project team or project manager.

Next Steps FAQs

Q: How exactly would DDOT implement this recommendation, and how exactly will it impact my block?

A: The livability study completes the planning phase for the recommendation. DDOT would be able to discuss impacts in more detail in future phases (environmental, design, construction, etc).

Next Steps FAQs

Q: When will DDOT start the next phase of work for the recommendations?

A: Currently, DDOT has no budget to advance any recommendations past the livability study. Some projects would go through the capital budget process, and some could use funds that some DDOT teams receive every year. DDOT welcomes public feedback on which recommendations we should work on first.

Next Steps FAQs

Q: What do the final recommendations represent?

A: Each recommendation represents an opportunity DDOT has identified to improve transportation safety. The study was set up to identify opportunities and general tradeoffs that would be required to implement the recommendations.

Next Steps FAQs

Q: Has DDOT made final decisions on the recommendations?

A: At this early stage, DDOT has determined that all recommendations are feasible. After more work and coordination with residents, DDOT may determine that the tradeoffs for some recommendations are not worth the benefits, and they could be implemented differently.

Final Recommendations

LEGEND

-  Bicycle Facility Installation
-  Curb Extension
-  Corridor or Multi-intersection Study
-  Pedestrian Crossing Improvement
-  Shared Use Path
-  Sidewalk Installation



Dalecarlia Parkway Analysis

Street	Daily Traffic Volumes	Number of Travel Lanes
Dalecarlia Parkway	14,402	4
Loughboro Road	17,220	2
Foxhall Road	14,806	2
Arizona Avenue	12,386	2

Dalecarlia Parkway Analysis

Approach to Westmoreland Circle (AM Peak)

Measurement	Existing	Proposed
Volume-to-Capacity Ratio	0.72	0.85
Level of Service	C	C
Delay (Average seconds per vehicle)	16.6	24.9
95 th Percentile Queue Length	250	350

Dalecarlia Parkway Analysis

Approach to Westmoreland Circle (PM Peak)

Measurement	Existing	Proposed
Volume-to-Capacity Ratio	0.66	0.70
Level of Service	A	B
Delay (Average seconds per vehicle)	9.6	10.9
95 th Percentile Queue Length	125	150

Dalecarlia Parkway Next Steps

- Conduct additional data collection and analysis using updated traffic volumes
- Provide analysis results to the community
- Hold community meeting to answer questions and address concerns

If analysis continues to support the lane reduction, DDOT could pilot a 4-6 week trial experiment and would collect additional data during this time

Final Recommendations

- Study repurposing two lanes on Dalecarlia Parkway to add bicycle and pedestrian facility
- Protected bike lane on Loughboro/Nebraska (off-street facility east of Rockwood Parkway)
- Bicycle boulevards on 49th Street, Rockwood Parkway, Glenbrook Road, Norton Street
- Add bike lane on Arizona Avenue (three options)

Final Recommendations

- Improve existing bicycle network on Tunlaw Road, 37th Street, New Mexico Avenue and widen sidewalks where they are substandard
- Add bike facility on Whitehaven Street
- Add off-street shared-use path on Massachusetts Avenue
- Provide connection between W and 44th Streets

Final Recommendations

- Convert 48th Place between MacArthur and V to a shared street
- Provide connections to the Capital Crescent Trail at Arizona Avenue and Norton Street
- Intersection redesigns at Westmoreland Circle, Wesley Circle, Wisconsin/Calvert/37th, and Reservoir/Foxhall corridor
- Expand the sidewalk network on several streets
 - University Terr, University Ave, MacArthur Blvd, Loughboro Rd, 49th St, 48th St, V St, Tilden St, Sedgwick St, Cathedral Ave, Garfield St, Eskridge Terr, 42nd St

Final Recommendations

- Curb extension at Nebraska/Rockwood/Newark/45th
- Prepare signal warrants at Wisconsin/Fulton, MacArthur/Elliott, and Massachusetts/45th
- Multi-intersection study at Massachusetts/Wisconsin/Fulton triangle
- Add pedestrian crossing at Palisades Recreation Center entrance
- Pedestrian crossing improvements at key intersections of New Mexico Ave, MacArthur Blvd, Foxhall Rd, Cathedral Ave, Fordham Rd, Reservoir Rd, Massachusetts Ave
- Conduct corridor study of Massachusetts Ave for more detailed look at issues and opportunities

Contact Information

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