



# Active Transportation Capital Project Prioritization and Selection

October 3 and 5, 2023

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# Background

- Fairfax County Board of Supervisors Seeking \$100 million over Six Years for Active Transportation Access and Safety Improvements
- Fairfax County Department of Transportation (FCDOT) Developed Project Prioritization Methodology
  - Proposed List of Projects Developed to Consider for Funding
  - Seeking Public Input on Proposed List of Projects



# Funding

- More than \$30.2 of the 100 million Allocated
- Additional \$26.48 million this Fall
- Future Funding Anticipated
- Also Leveraging Grant Opportunities for Additional Funds
  - Safe Streets and Roads for All
  - Transportation Alternatives Program – “TA Set-Aside”
  - Safe Routes to School
  - Multiple other programs





# Funding - \$30,208,830 Allocated to Date

- \$9.450 million for 30 “Lower Cost” Crosswalk Projects
  - Ongoing coordination with VDOT to expedite projects
  - VDOT implementing four of the projects
- \$15.695 million for 18 Priority Projects
- \$2.8 million for Active Transportation Infrastructure Maintenance
- \$100,000 to Fairfax County Police Department for Speed Feedback Signs
- Local Cash Match for Project Grants, Additional Funding for Existing Projects, Consultant Support, and Contingency





# Online Survey

- Projects from FCDOT Prioritization Process
- Seeking Public Input
  - Help prioritize overall list of candidate projects
  - Assist in selection of projects to be funded now
    - Projects not selected can be considered for future funding

# Project Prioritization Process

Step 1 - Need and  
Demand Analysis

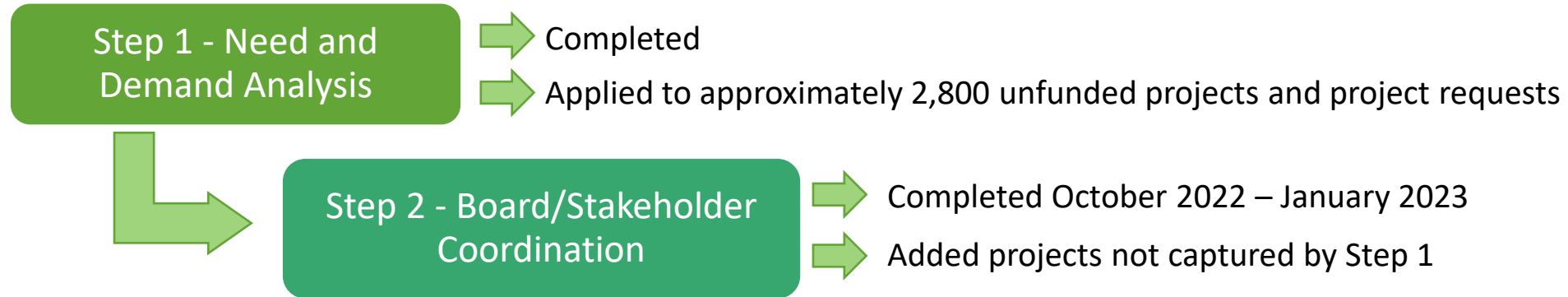


Completed

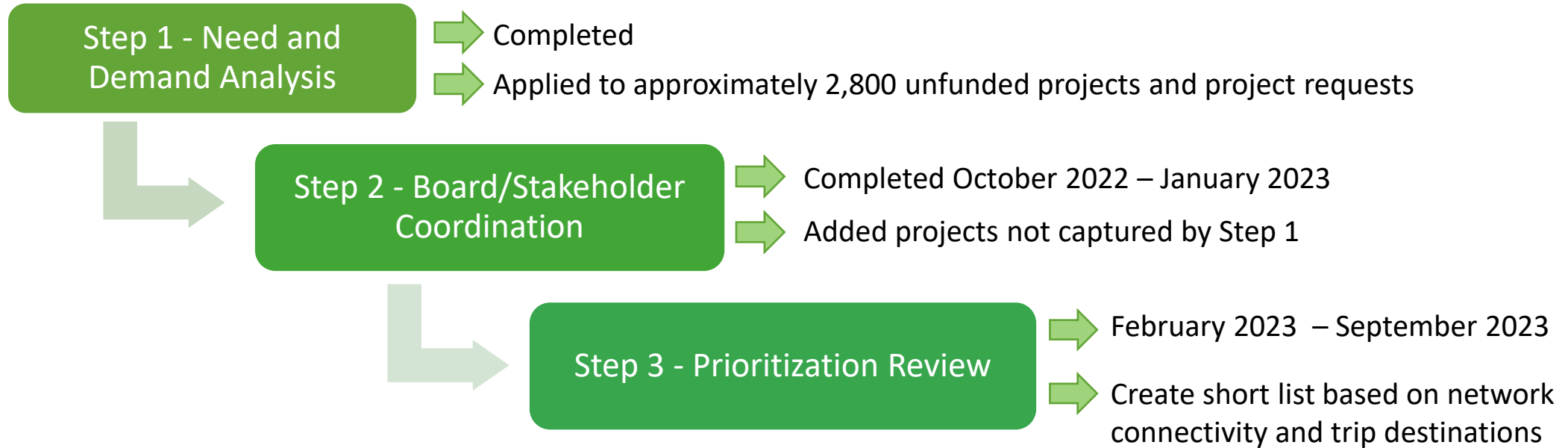


Applied to approximately 2,800 unfunded projects and project requests

# Project Prioritization Process



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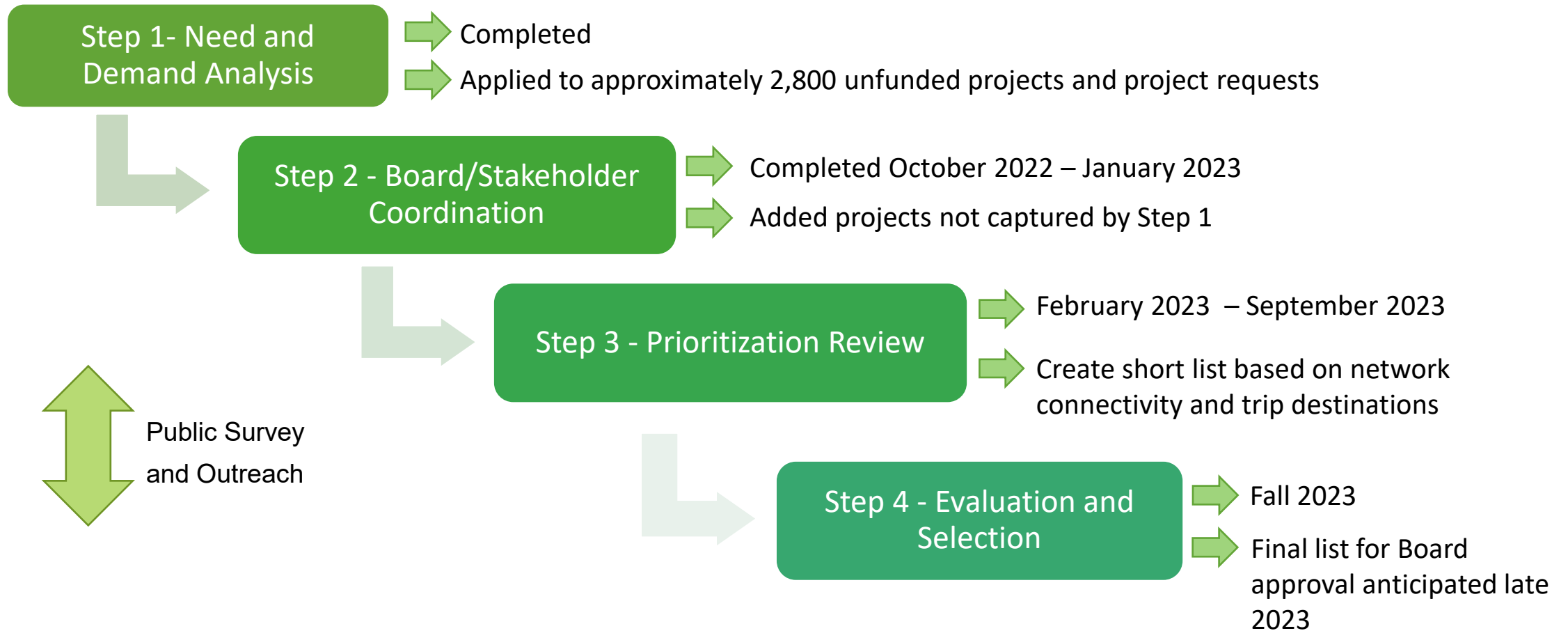




# Project Prioritization Process



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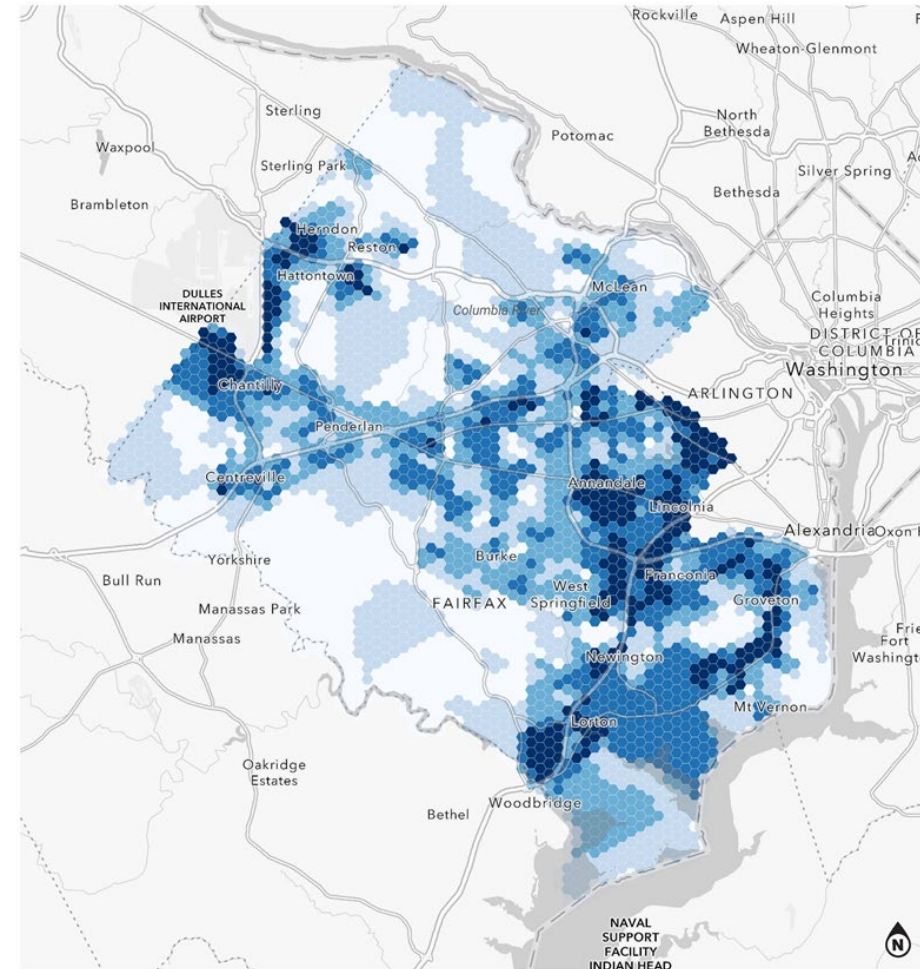
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# Step 1 – Need and Demand Analysis

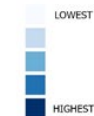
- Compile list of previously identified active transportation network gaps, unfunded projects, and project requests
- Map locations in GIS
- Identify highest scoring projects using the Need Analysis Tool and Demand Analysis Tool
- Create lists for each district

# Active Transportation Need Analysis

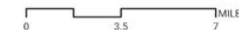
- Areas with high need for access to safe active transportation facilities
- Areas that are culturally less likely to request improvements
- Factors:
  - Race
  - Income
  - Disability
  - Air Quality
  - Age
  - Housing Cost burden
  - Linguistic Isolation
  - Educational Attainment
  - Single Parent Households



## NEED ANALYSIS



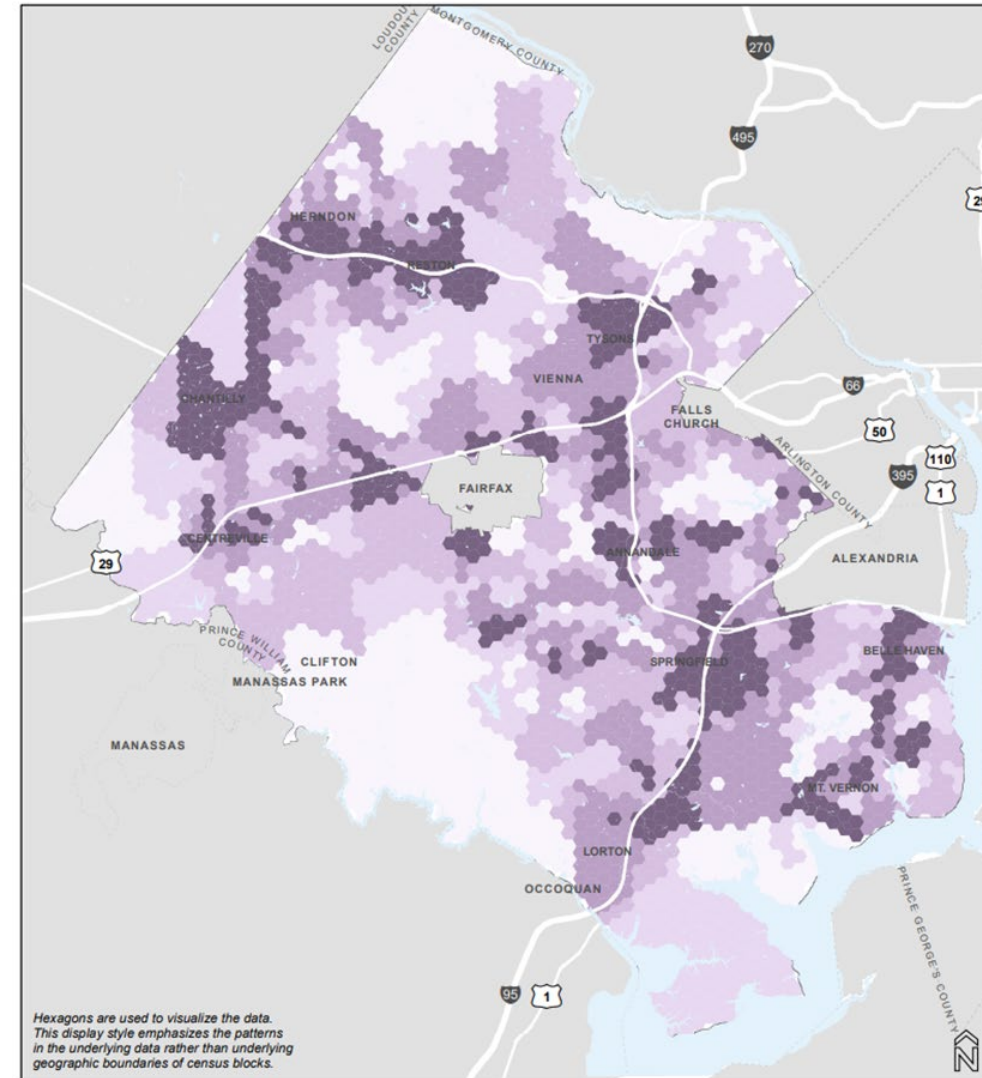
Data Sources: Fairfax County, TIGER  
ACS DATA (2019), EJScreen  
By: Alta Planning + Design



# Active Transportation Demand Analysis

Areas with high density of pedestrian destinations:

- Population Density
- Employment Density
- Retail Job Density
- Transit Stops
- Educational Institutions
- Parks
- Regional Trails
- Public Facilities
- Hospitals



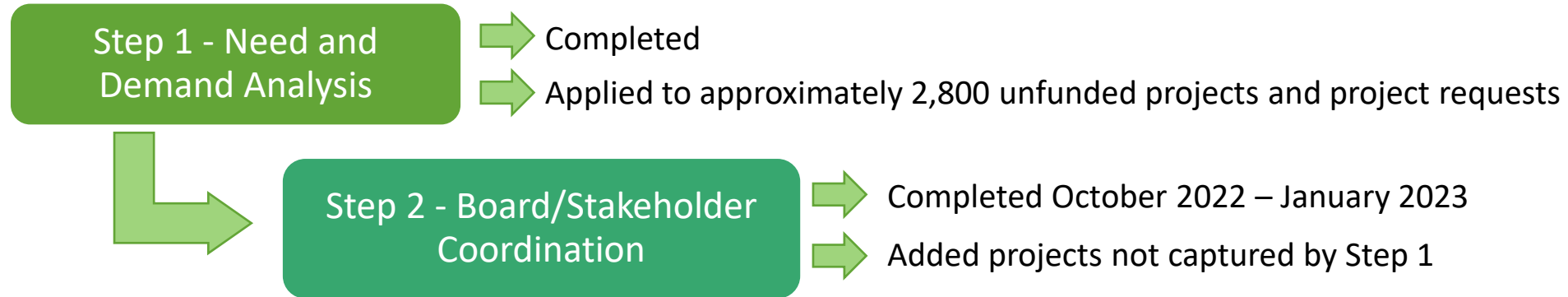
## DEMAND ANALYSIS | COMPOSITE DEMAND



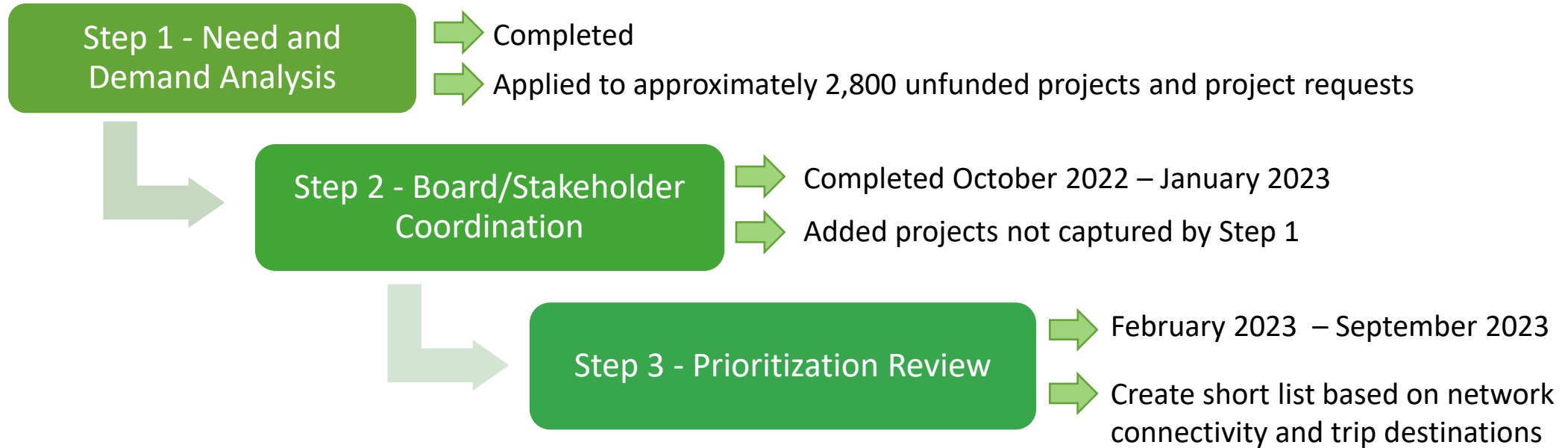
Data Sources: Fairfax County, TIGER  
Map Produced: 12/17/2020  
By: Alta Planning + Design



# Project Prioritization Process



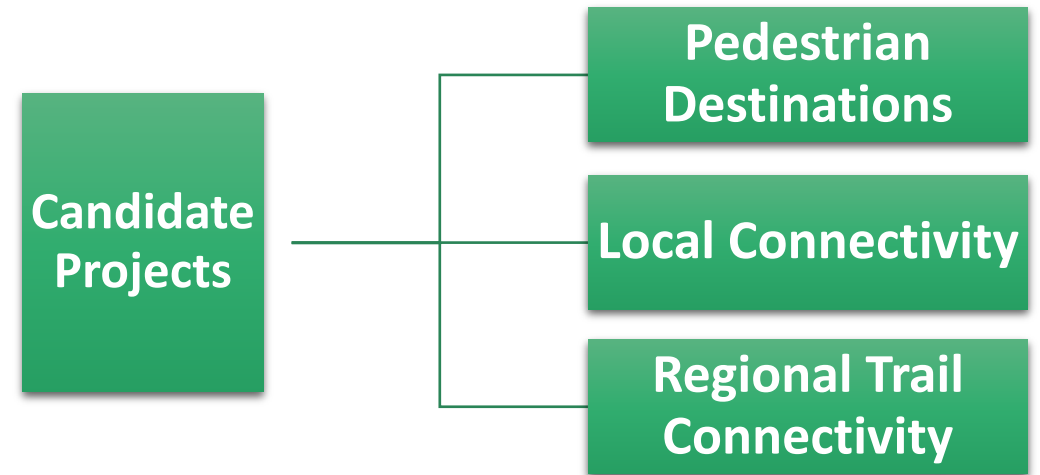
# Project Prioritization Process



# Step 3 – Prioritization Review

- Projects assessed by:
  - Proximity to pedestrian destinations
  - Local connectivity
  - Regional trail connectivity
- Projects rated
  - Rating: High, Medium, Low
- Projects ½ mile or less advanced due to available funding

## Prioritization Review

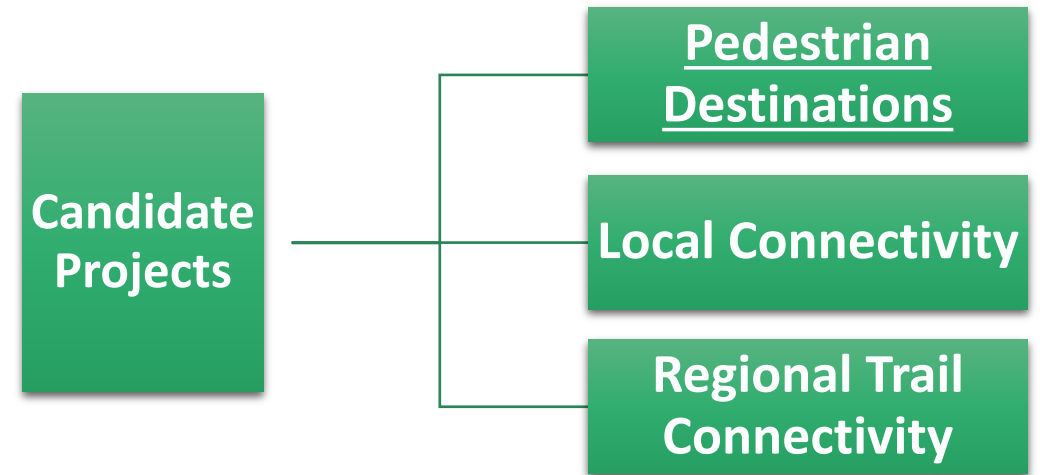


# Step 3 – Prioritization Review

- **Pedestrian Destinations**

- Schools
- Daycare facilities
- Retail centers
- Transit stops
- Community centers
- Libraries
- Places of worship
- Senior centers
- Sport and recreation centers
- Moderate to high density residential land uses

## Prioritization Review

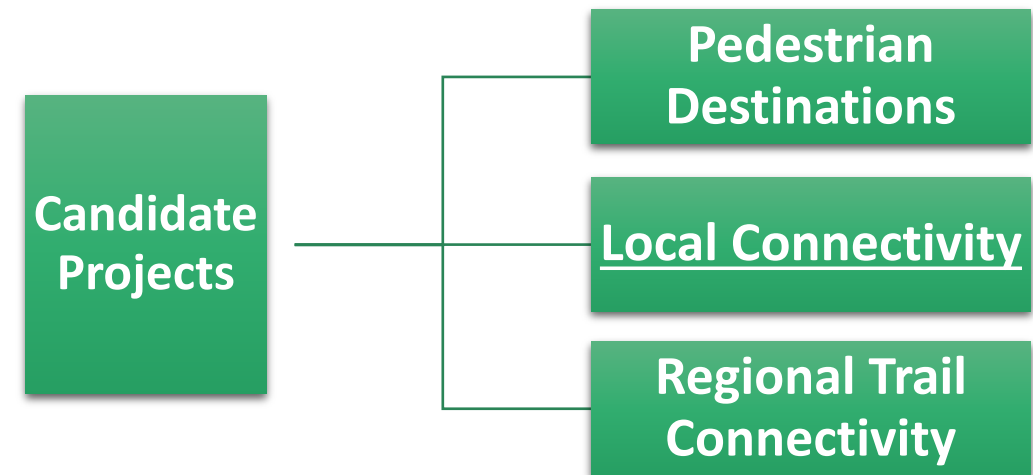


# Step 3 – Prioritization Review

- **Local Connectivity**

- Gaps within the existing network
- Benefit to pedestrian destinations
- Redundancy in the network

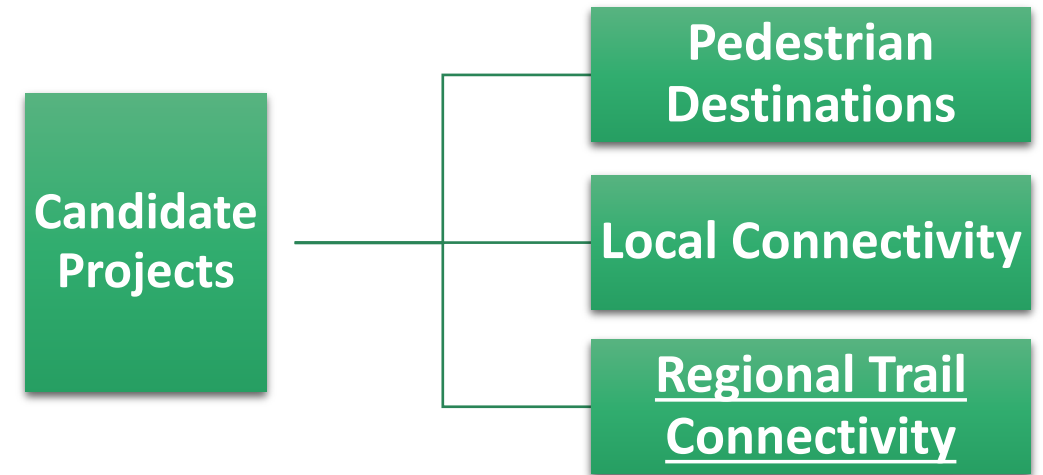
## Prioritization Review



# Step 3 – Prioritization Review

- **Regional Trail Connectivity**
  - Regional trail network
  - Connecting existing facilities to regional facilities

## Prioritization Review





# Step 3 – Prioritization Review



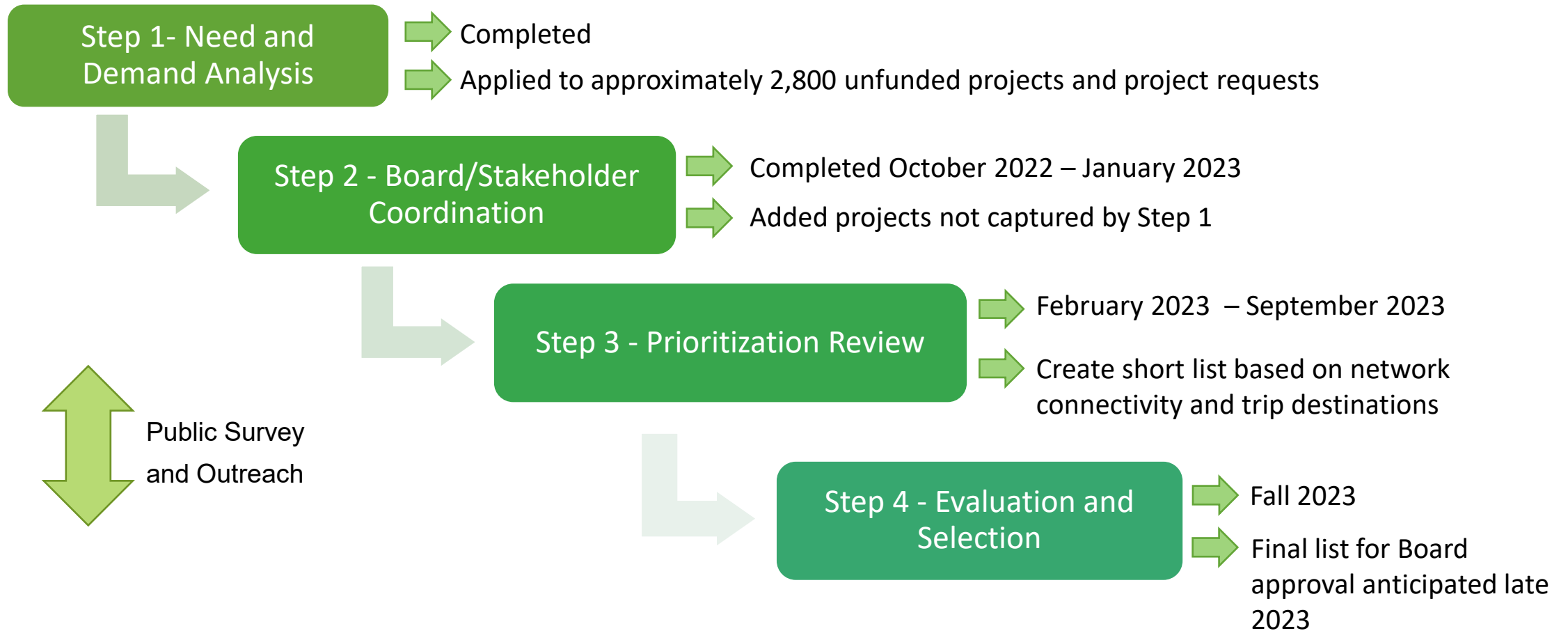
## ➤ Use Step 3 Results to:

- Create short list of projects for more detailed evaluation and selection
- Inform funding decisions

# Project Prioritization Process

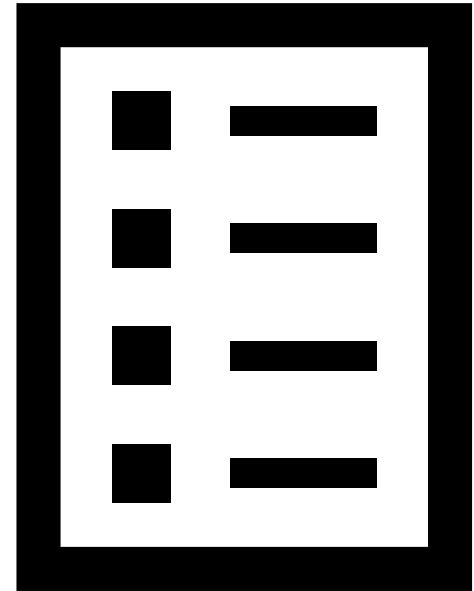


# Project Prioritization Process



# Step 4 – Evaluation and Selection

- Review Public Input
  - Refine list as needed
- Short List Projects
- Additional Analysis
  - Constructability
  - Property and environmental impacts
  - Order of magnitude cost
- Present projects to Board of Supervisors for approval as funding becomes available



# Next Steps

- Finalize Prioritization of Candidate Projects
  - Present to Board of Supervisors for Endorsement
  - Anticipated December 2023
- Present List of Projects to Fund with Available \$26.48 million
  - Present to Board of Supervisors for Approval
  - Anticipated December 2023
  - Projects not selected can be considered in future as funds are available
- Update and Prepare Recommendations for Future Projects as Funds become Available





# Learn More

➤ Webpage link:

[www.fairfaxcounty.gov/transportation/transportation/bike-walk/100-million-funding/phase-3](http://www.fairfaxcounty.gov/transportation/transportation/bike-walk/100-million-funding/phase-3)



### Department Resources

- Transportation Homepage >
- Contact Us >
- Fairfax Connector >
- Commuter Services >
- Bike-Walk >
- Projects & Studies >
- Boards and Commissions >
- Avoid I-66 Congestion >
- Disadvantaged Business Enterprise (DBE) >
- Solicitations & Bid Advertisements >
- Frequently Asked Questions (FAQs) >
- Civil Rights/Title VI >

### Active Transportation Project Prioritization for Funding

Fairfax County Department of Transportation (FCDOT) has developed a proposed list of projects that will be narrowed down further with input from the community to receive a portion of \$100 million funding allocated by the Board of Supervisors (BOS), in an effort to fund safer pedestrian and bicycle facilities, the Board approved \$100 million in new funding for one-time investments in pedestrian and bicycle infrastructure through FY 2027. To date, \$0.2 million of the dedicated \$100 million has been allocated for active transportation improvements and maintenance.

FCDOT will hold two virtual community meetings to present how the current list of projects was developed and seek input from the community through an online survey.

#### Community Meetings on Selection of Projects for Funding

**Tuesday, October 3, 2023, 7 p.m.**

- [Join the Meeting](#)
- [Join by Phone: 571-429-5982; Access Code: 802892823#](#)
- [View the Presentation](#)
- [View the Recorded Meeting](#)

**Thursday, October 5, 2023, 12 p.m.**

- [Join the Meeting](#)
- [Phone: 571-429-5982; Access Code: 453571439#](#)
- [View the Presentation](#)
- [View the Recorded Meeting](#)

#### Interactive Map and Prioritization Criteria

- [Interactive Map of Projects](#)
- [Database of Projects with Detailed Selection Criteria and Information](#)
  - [Descriptions of Terms](#)

**Take the Online Survey**

There are nine separate surveys. Below find candidate projects by district. Each tab has a list of projects, a list of projects with more details and a link to the online survey.

Additionally, below are links directly to the online surveys:

- [Braddock District](#)
- [Dranesville District](#)
- [Franconia District](#)
- [Hunter Mill District](#)
- [Mason District](#)
- [Mount Vernon District](#)
- [Providence District](#)
- [Springfield District](#)
- [Sully District](#)

**VIEW PROJECT LISTS AND TAKE THE SURVEY BY DISTRICT**

Braddock District
+

Dranesville District
+





# Learn More

**Active Transportation Project Prioritization** Fairfax County

Search Map ID or Street Address

(2 of 6)

**Spot Project: # 163**

- Map Id: 163
- District: Franconia
- Location: N Kings Highway
- Crossroad 1: Fairhaven Avenue
- Crossroad 2: Jefferson Drive
- Description: Install crosswalk across N Kings Highway at Fairhaven Avenue to serve bus stops.

Zoom to

Esri, NASA, NGA, USGS | County of Prince William, Fairfax County, VA, VGIN, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, ...

Spot Projects | Line Projects

Options Filter by map extent Zoom to Clear selection Refresh

Map Id	District	Location	Crossroad 1	Crossroad 2	Description	Need Score	Demand Score	Safety Corridor	Pedestrian Destinations	Local Connectivity	Regional Trail Connectivity
163	Franconia	N Kings Highway	Fairhaven Avenue	Jefferson Drive	Install crosswalk across N Kings Highway at Fairhaven Avenue to serve bus stops.	0.83	46	Yes	High	Low	Medium



# Provide Feedback

VIEW PROJECT LISTS AND TAKE THE SURVEY BY DISTRICT

- Braddock District +
- Dranesville District x
  - [View Projects in the Dranesville District](#)
  - [View detailed project list with selection criteria](#)
  - [Take the Survey - Closes October 16](#)
- Franconia District +
- Hunter Mill District +
- Mason District +
- Mount Vernon District +
- Providence District +
- Springfield District +
- Sully District +

## Interactive Map and Prioritization Criteria

- [Interactive Map of Projects](#)
- [Database of Projects with Detailed Selection Criteria and Information](#)
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# Provide Feedback

## Access Survey through Webpage:

[www.fairfaxcounty.gov/transportation/transportation/bike-walk/100-million-funding/phase-3](http://www.fairfaxcounty.gov/transportation/transportation/bike-walk/100-million-funding/phase-3)

**Survey Closes on October 16, 2023**

Mail feedback to:

Fairfax County Department of Transportation, Fairfax Bike/Ped Projects,  
4050 Legato Road, Fairfax, VA 22033

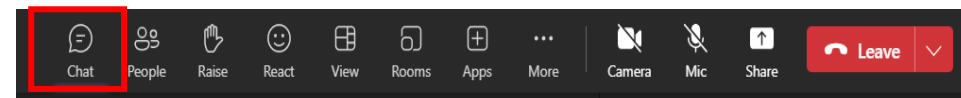
To request reasonable accommodations, Call 703-877-5600, TTY 711



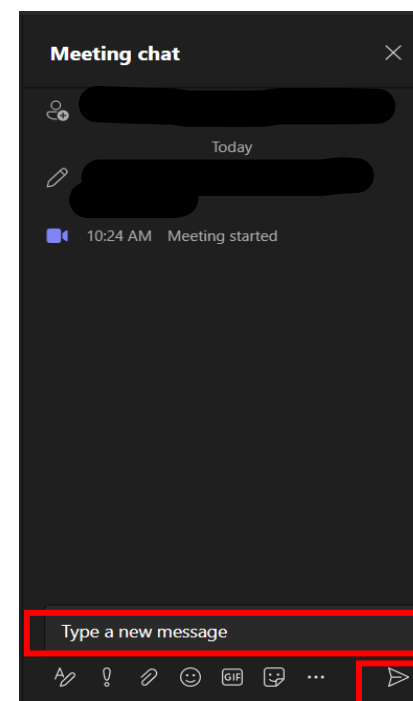


# Questions + Answers

To ask a question or provide a comment:



- Please ask your questions and provide comments in the chat. Presenters will read each question aloud and panelists will answer.
- If you are participating by phone, press \*5 (Star Five) to raise your hand and we will call on you.
- Comments about specific projects should be addressed when you take the survey, found on the webpage.







# Thank You

