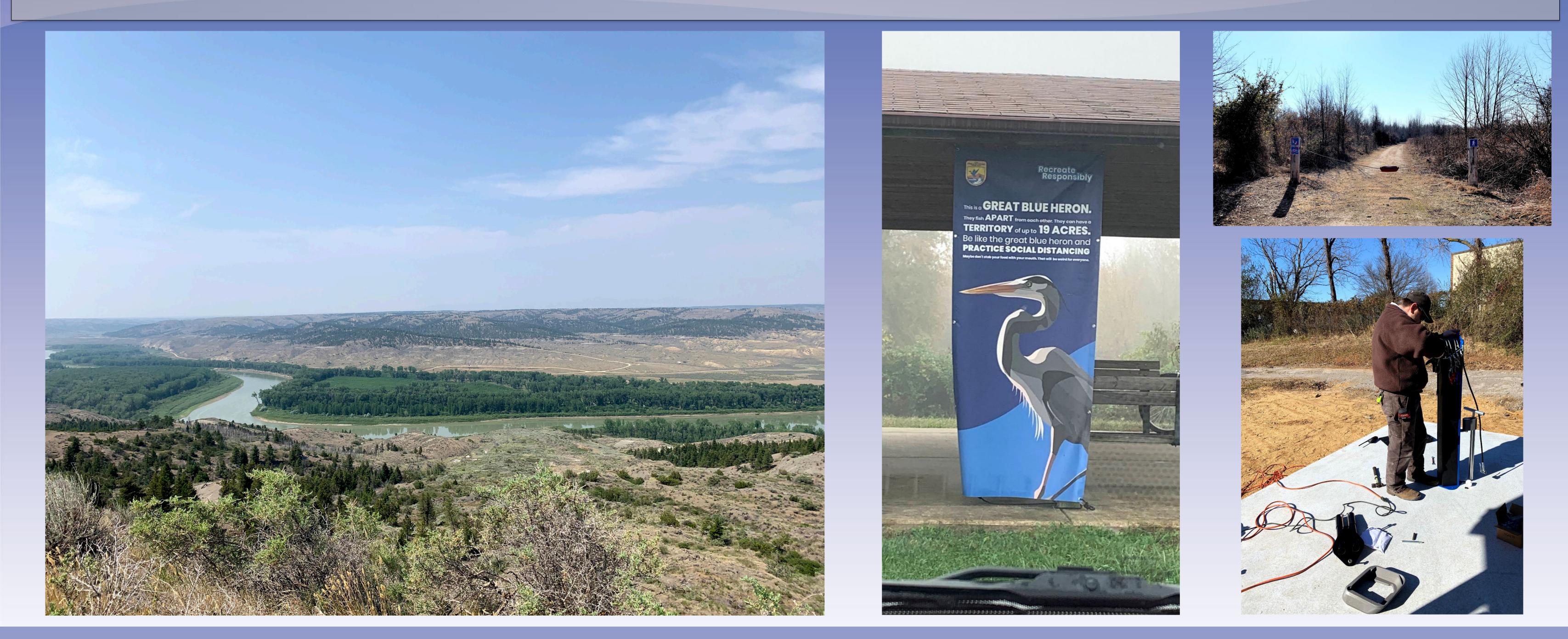
### 2020-2022 Public Lands Transportation Fellows Program



### Presented by: Laura Whorton and Naomi Fireman, HQ Transportation Branch















- Duration is 1:00 2:00 PM Eastern
- Webinar recorded and archived. For quality of recording, please stay muted during presentation
- At the end there will be time for Q&A
- Please feel free to use the chat to ask questions or provide comments



# Webinar Logistics











To document and archive the work completed by the PLTF at the HQ Transportation Branch from 2020-2022, including her lessons learned and tips and tricks for applying these to other USFWS units.

Intended as a training for future classes of PLTF.



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## Goal of this Webinar







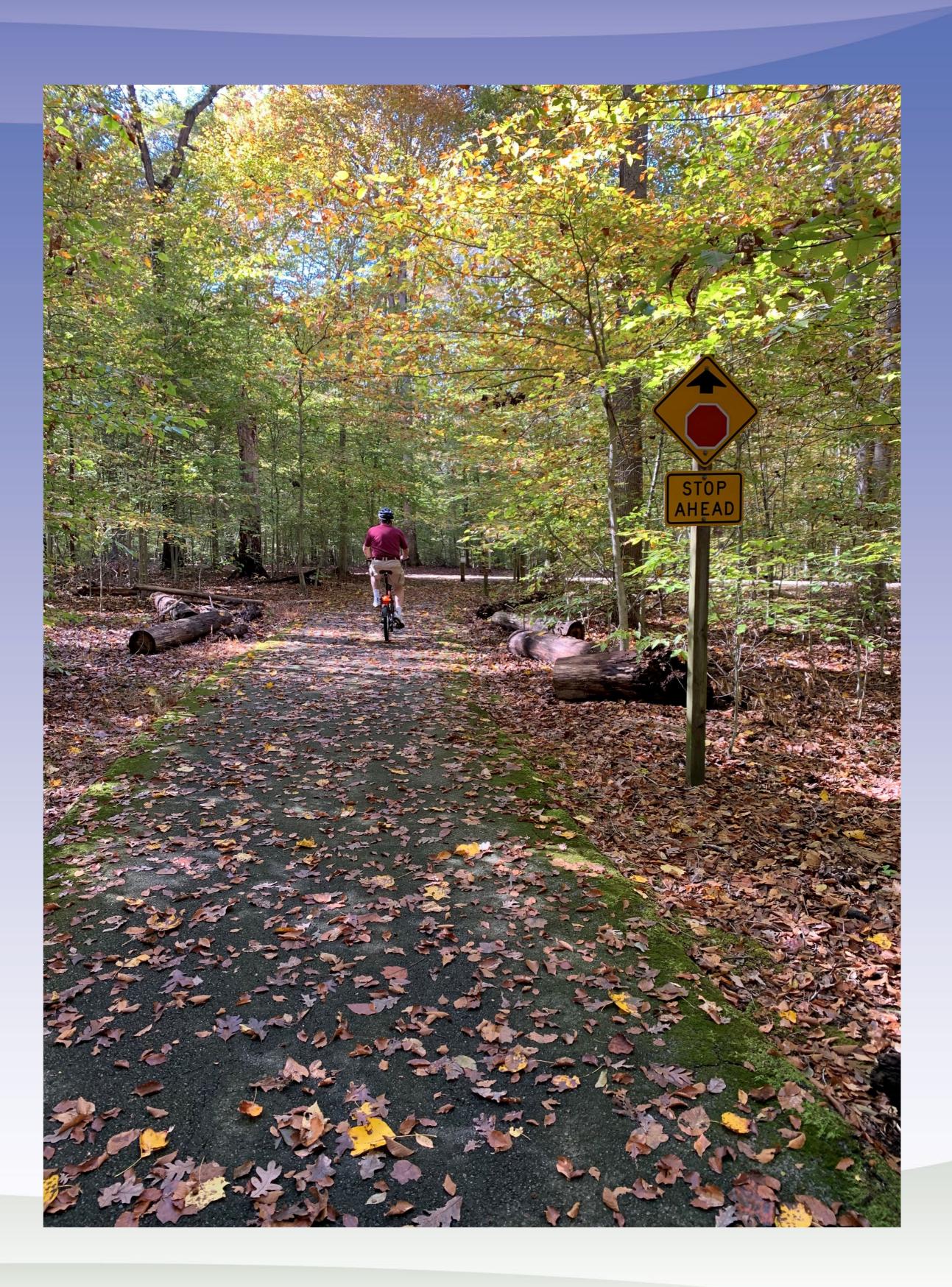


- 1. Introduction by Supervisor
- 2. Presenter Profile
- 3. Three Great Teams
- 4. Project List
- 5. Projects
- 6. Lessons Learned
- 7. General Suggestions
- 8. Acknowledgements
- 9. Q&A









## **PLTF Program Introduction**

- Began in 2012
- Modeled after the NPS Transportation Scholars Program
- Currently serves USFWS and NPS
- Full time, paid fellowship with benefits
- 12 to 24-month position with the possibility of extension/promotion
- Locations across the U.S. at select National Parks and National Wildlife Refuges















- Provide transportation and planning support to National Parks and National Wildlife Refuges
- Develop transportation solutions that preserve valuable resources and enhance visitor experience
- Experience work at park/refuge, regional office, and national headquarters levels
- Work, learn and grow through orientation, conferences, guest lectures, and mentorship



**Fransportation** 

## Our Fellows...

Welcome to your National Vildlife Refuge











Laura Whorton Transportation & Data Management Branch Chief HQ Infrastructure Management Division



**Public Lands Transportation Fellows (PLTF) Program** 

## Today's Presenters



Naomi Fireman Advanced Public Lands Transportation Fellow (PLTF) HQ Transportation Branch





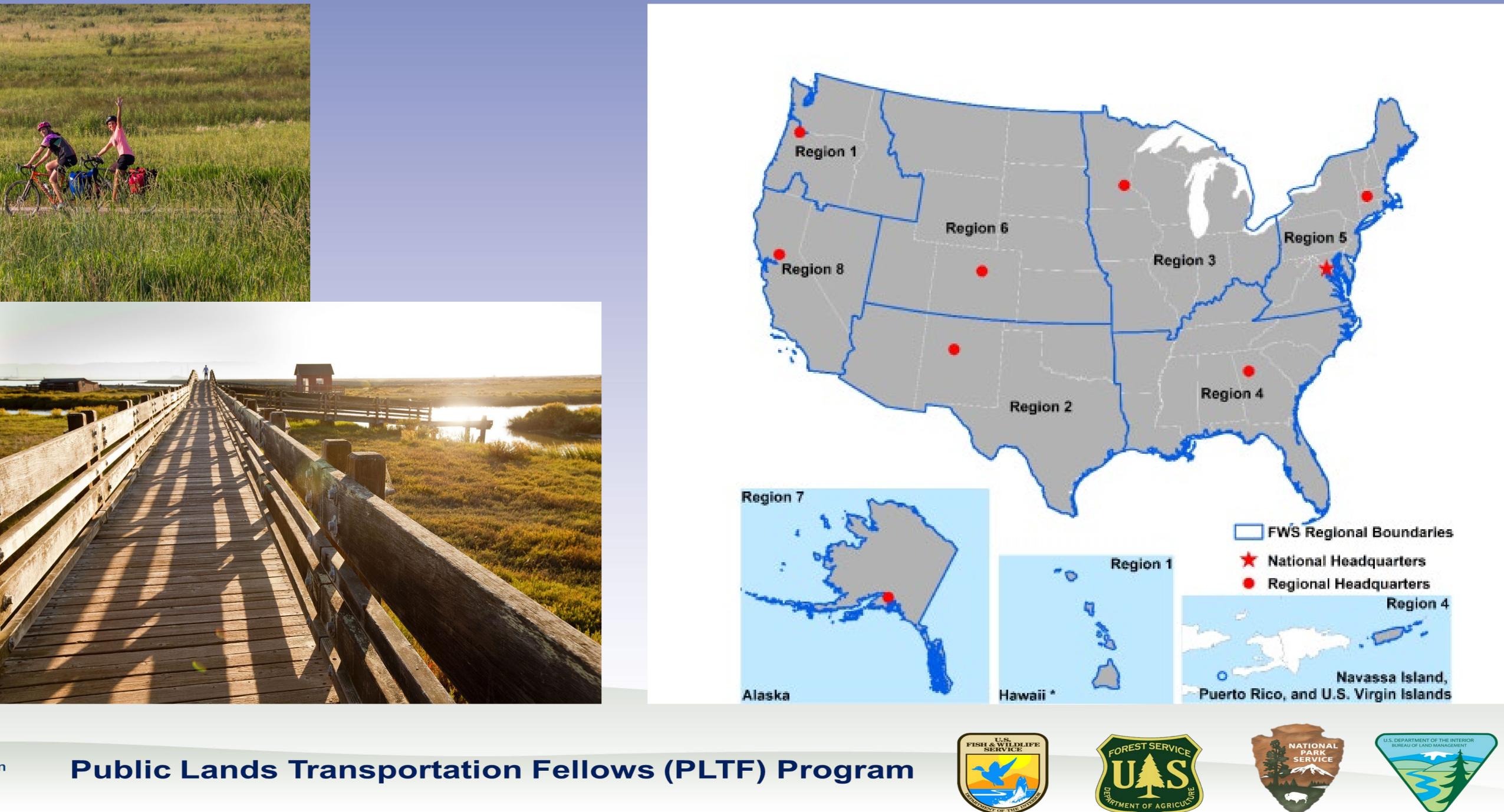




### U.S. Fish & Wildlife Service (FWS) Transportation Program

The FWS Transportation Program manages an extensive network of land, waters, infrastructure, and facilities to provide public access to wildlife recreation. The FWS transportation system is critical to this mission. Nearly all FWS lands and facilities are open for entry at no cost, and are accessible to the overwhelming majority of Americans.









### **Decision-Making Tools**

- Long Range
  - **Transportation Plan**
- Road Inventory
- Trail Inventory
- Bridge Inventory
- Visitor Surveys
- Other



**Public Lands Transportation Fellows (PLTF) Program** 

## **FWS Transportation Plan**

### **Long Range Transportation Plan Goals**



Coordinated Opportunities



Asset Management





Access, Mobility & Connectivity



Environment















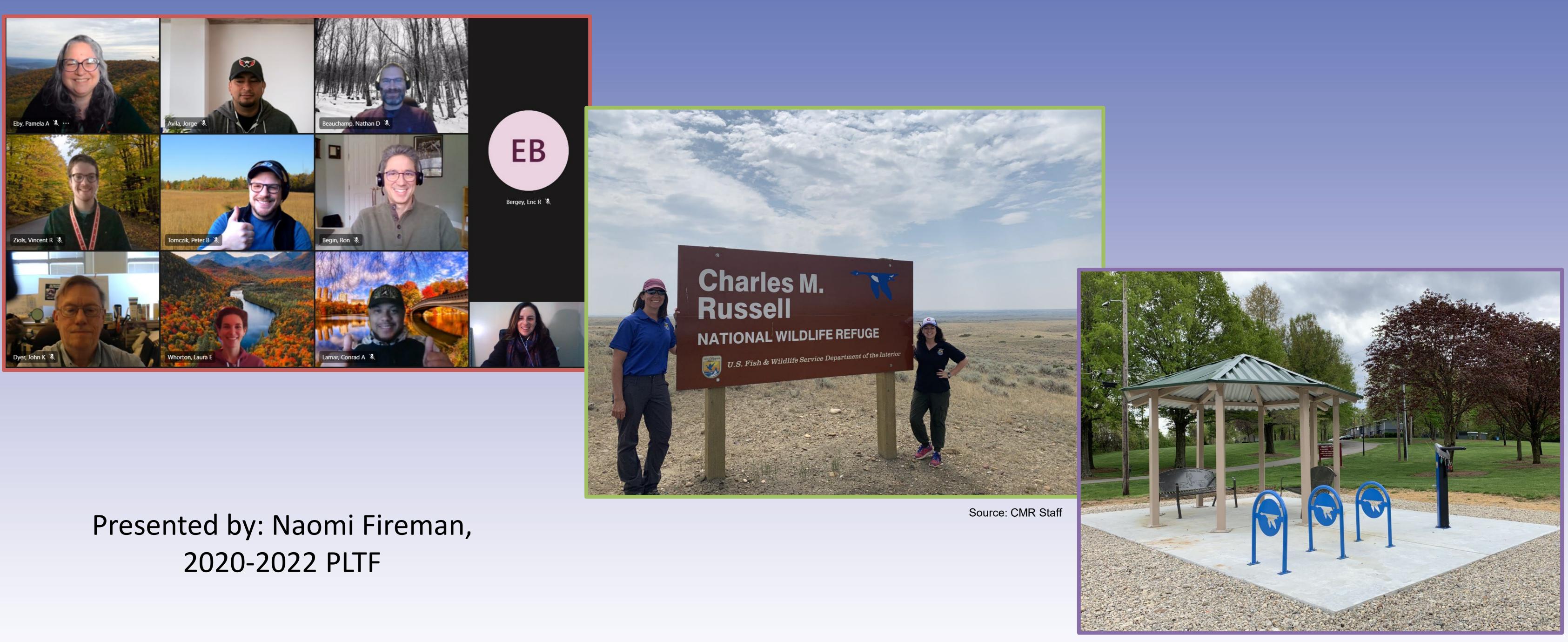








### A Tale of Three Levels: One Fellow's Work at the Unit, Regional, and National Offices of FWS





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Name: Naomi Fireman Start Date: August 1<sup>st</sup>, 2020 Place of Birth: Chicago, IL Educational Background: B.A. in **Biology and Environmental Studies with** concentration in Urban Sustainability Academic Focus: Sustainable urban planning, equity, climate change, ecology Fun Fact: Studied native wild bees in the mountains of the Ecuadorian Cloud Forest

## Presenter Profile



### **HQ Transportation Branch**

Laura Whorton Nathan Beauchamp Peter Tomczik **Conrad Lamar** Vince Ziols Eric Bergey Ron Begin Pam Eby Jorge Avila John Dyer





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## Three Great Teams

### **Region 6 Facilities Team**

Melissa Bordewin Lorri Harper Nathan Hughes Brent Waters Sandra Uecker Wade Briggs Stacy Hoehn





**Public Lands Transportation Fellows (PLTF) Program** 

### **Potomac River NWRs Staff**

**Amanda Daisey** Carina Velazquez-Mondragon Chris Wicker **Chuck Henschel** Stacie Allison Grant Miller **Cloe Traylor Delaney Curran** 





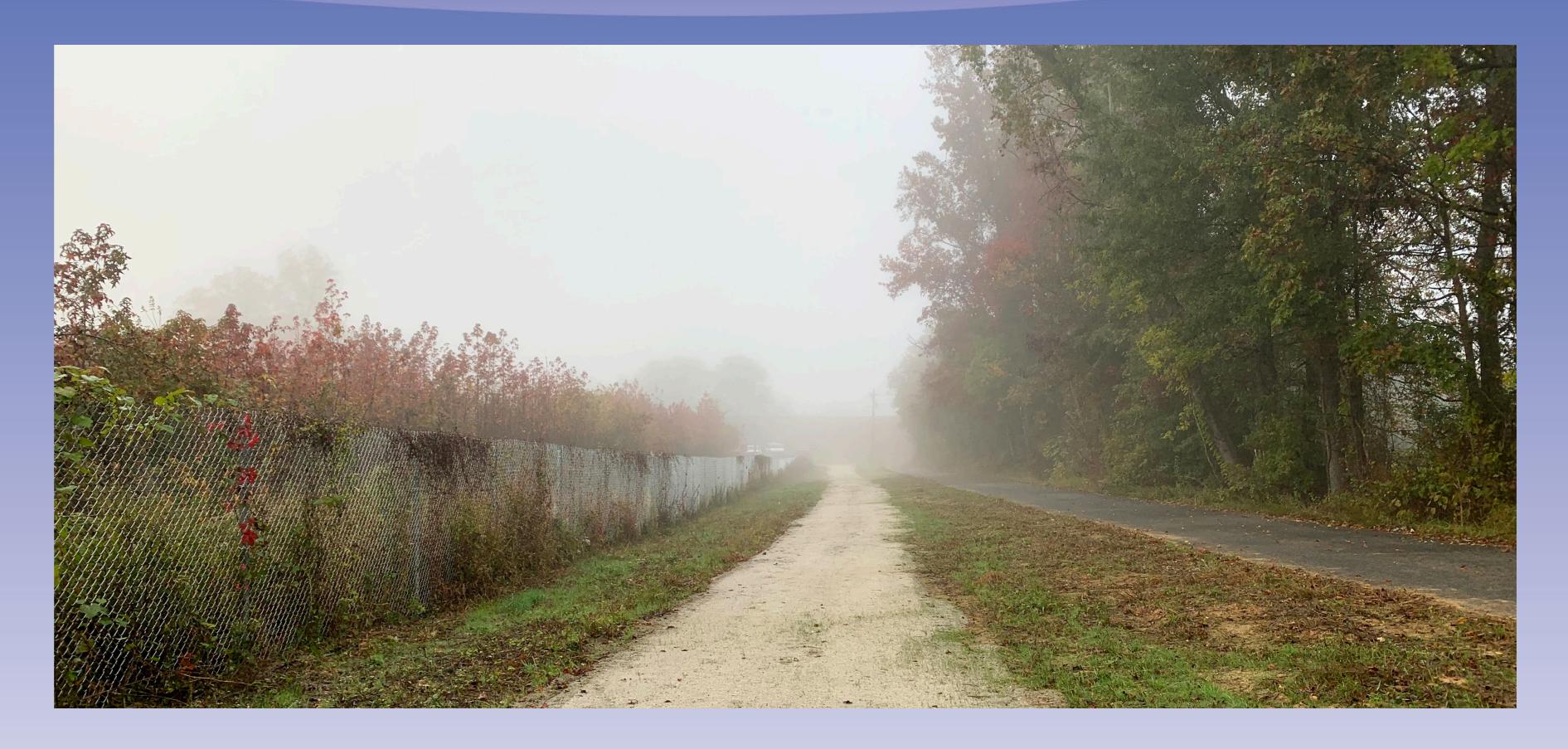




### National; HQ Transportation Branch:

- Federal Lands Access Program (FLAP) Inventory
- Cost Estimating: RSMeans Research, Current Replacement Value (CRV) Updates, and Transition to a New System
- Coordinated Technology Implementation Program (CTIP) Reference Document
- Unmanned Aerial System (UAS) Research Project
- California FLAP Call for Projects
- Infrastructure Management Division (IMD) SharePoint Site
- IMD Justice, Equity, Diversity, and Inclusion (JEDI) Program
- Improving Inclusive Recruitment
- Transportation Policy Reauthorization, Investment Strategy, and National Long Range Transportation Plan Update
- National Visitor Survey Alternative Transportation Report
- Policy Guidance Document Development and Review
- Urban Planning Session for the Urban Wildlife Conservation Program (UWCP): Building a Foundation Together Course
- Urban Connections Study (UCS) Online Application
- Electric vehicle (EV) Charging Station Coordination and National Gap Analysis
- Justice40 Data Call
- Rebranding Initiative with Public Lands Alliance
- FWS-FLH Work Groups
- Visitor Estimation Work Group
- Fellow Mentorship

## Fellow's Projects



### **Regional; Legacy Region 6 RTC:**

- Five-Year Transportation Plan Development
- Project Coordination
- Road Inventory Program (RIP) Data Reconciliation
- Trail Inventory Program (TrIP) Roll Out
- Great American Outdoors Act (GAOA) and Stimulus Project Ideas
- Sportsmen Access at Charles M. Russell NWR

- Mason Neck Trail FLAP Application and Follow Up • Potomac Heritage National Scenic Trail (PHNST) Eco-Counter
- Installation and Follow Up
- Occoquan Bay Entrance Concept Implementation
- Route 1 Signage Application
- E-Bike Day & E-Bike Photoshoot
- Belmont Bay Development Partnership with Caruthers Properties
- PHNST Partnership Strategy



### **Unit-Level; PRNWRC:**









## Federal Lands Access Program (FLAP) Inventory

FWS_Greenbook-style FLAP Inventory_Final.xlsx - Excel										<b>丞</b> 一		×				
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	A	В	С	D	E	F	G	н	I	J	К	L	М	N	0	
1	Project ID ↓†	Project Description	Refuge	Multiple Partners ?	Acceptance	Delivery Year	Region	State	Award Amount (from FWS data)	Programmed Amount from Master FLAP Inventor	Match	FWS FLTP Match ?	If so, how much?	Total FLAP/FLTP Project Cost	Total Project Cost T	
77	MI FLAP SGNW AM(1), BP(1)	Roadway reconstruction from gravel to asphalt and widen existing road on Ambrose and Bishop Road.	Shiawassee NWR	No	2017	2020	R3	Michigan	\$480,000	\$489,500	\$120,000	no	\$0	\$489,500	\$609,500	
78	MI FLAP SGNW HART(1)	Rehabilitate, widen, resurface, and provide aggregate shoulders along Hart Road.	Shiawassee NWR	No	2015	2016	R3	Michigan	\$0	\$1,056,800	\$399,200	no	\$0	\$1,056,800	\$1,456,000	
79	MI FLAP TRNTN TRL(1)	Construction of West Jefferson Greenways Trail, in Wayne County, MI.	Detroit River International Wildlife Refuge	No	2013	2016	R3	Michigan	\$320,000	\$326,000	\$128,416	x	\$123,416	\$449,416	\$454,416	
80	MN 50	Grading, and construction paved lanes and gravel shoulders	Rydell National Wildlife Refuge	No	2020	2022	R3	Minnesota	\$0	\$800,000	\$452,700	no	<b>\$</b> 0	\$800,000	\$1,252,700	
81	MN 60	Construction trail-head, trail connection, parking, and overlook	Mississippi River National Rive and	No	2020	2022	R3	Minnesota	\$0	\$565,000	\$2,056,238	no	\$0	\$565,000	\$2,621,238	
82	MN FLAP BLMTN OCA(1)	Construct 0.5 mile paved segment along Old Cedar Avenue Trail & rehabilitate the parking lot.	MN Valley NWR	No	2015	2016	R3	Minnesota	\$0	\$816,000	\$5,054,145	x	\$670,000	\$1,486,000	\$5,870,145	
83	MN FLAP BRNVL TRL(1)	Construct the 3.5 mile paved Black Dog Trail in the City of Burnsville, MN	Minnesota Valley NWR	No	2013	2016	R3	Minnesota	\$500,000	\$510,000	\$1,190,000	x	\$250,000	\$760,000	\$1,700,000	
84	MN FLAP DAKOTA TRL(1)	Cedar Avenue Trailhead / Dakota Co.	FWS- MN Valley NWR- Black Dog	No	2017	2019	R3	Minnesota	\$0	\$612,000	\$440,000	no	\$0	\$612,000	\$1,052,000	
85	MO FLAP BTS STLN(1)	Stabilizing stream bank that threatens SW County Road 1431.	Marais des Cygnes National Wildlife Refuge	No	2017	2019	R6	Missouri	\$96,320	\$126,344	\$31,534	no	\$0	\$126,344	\$157,878	
86	MO FLAP DOT 118(1)	Resurface and construct 2-ft wide paved shoulders with rumble stripes to 6.54 miles of MO Rte. 118.	Squaw Creek National Wildlife Refuge	No	2013	2016	R3	Missouri	\$910,000	\$928,000	\$222,081	no	\$0	\$928,000	\$1,150,081	
87	MS 69	Bourke Road Bridge Replacement	St. Catherine's Creek NWR	No	2020	2022	R4	Mississippi	\$0	\$753,000	\$188,706	no	\$0	\$753,000	\$941,706	-
88	MS FLAP PRLRVR BR139(1)	Bridge Replacement of Walkiah Bluff Road over Leslie Slough.	Bongue Chitto National Wildlife Refuge	No	2017	2017	R4	Mississippi	\$0	\$273,200	\$66,800	no	\$0	\$273,200	\$340,000	
89	MT DOT 117(1)	Fort Peck-Northeast. MT 117 Maintained by MDT.	Fort Peck Dam and Lake, Charles M Russell NWR	No	2013	2014	R6	Montana	\$5,000,000	\$5,035,000	\$780,431	no	\$0	\$5,035,000	\$5,815,431	
90	MT DOT 86(1)	Bozeman to Bridger Mountains Trail	FWS Bozeman Fish Tech Center, Drinking Horse Mountain Trailhead	Yes	2013	2017	R1	Montana	\$0	\$3,402,594	\$527,406	no	\$0	\$3,402,594	\$3,930,000	
	MT MCCONE 2013(1)	Rock Creek Roads Stabilization. North Fork Rock Creek Road, South Fork Rock Creek Road Maintained by McCone	Charles M Russell NWR, BLM, USACE	No	2013	2014	R6	Montana	\$433,774	\$1,619,046	\$250,954	x	\$202,971	\$1,822,016	\$1,870,000	-

Why does this matter?

FWS must have an accurate FLAP project inventory and good tracking methods to enable systematic yearly reporting and benchmarking. It is important for FWS to communicate how much FLAP funding they receive each year by leveraging FLTP dollars.

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• FLAP: Important discretionary funding source for FWS

• FWS can complete high dollar projects by leveraging Federal Lands Transportation Program (FLTP) funds as match









## Justice, Equity, Diversity, and Inclusion (JEDI) Initiative

### Goals:

Increase awareness of systemic problems in American society that continue to affect how IMD, the Refuge System, and/or the Service operate both internally and externally with the American people.

Group 1

Group 2

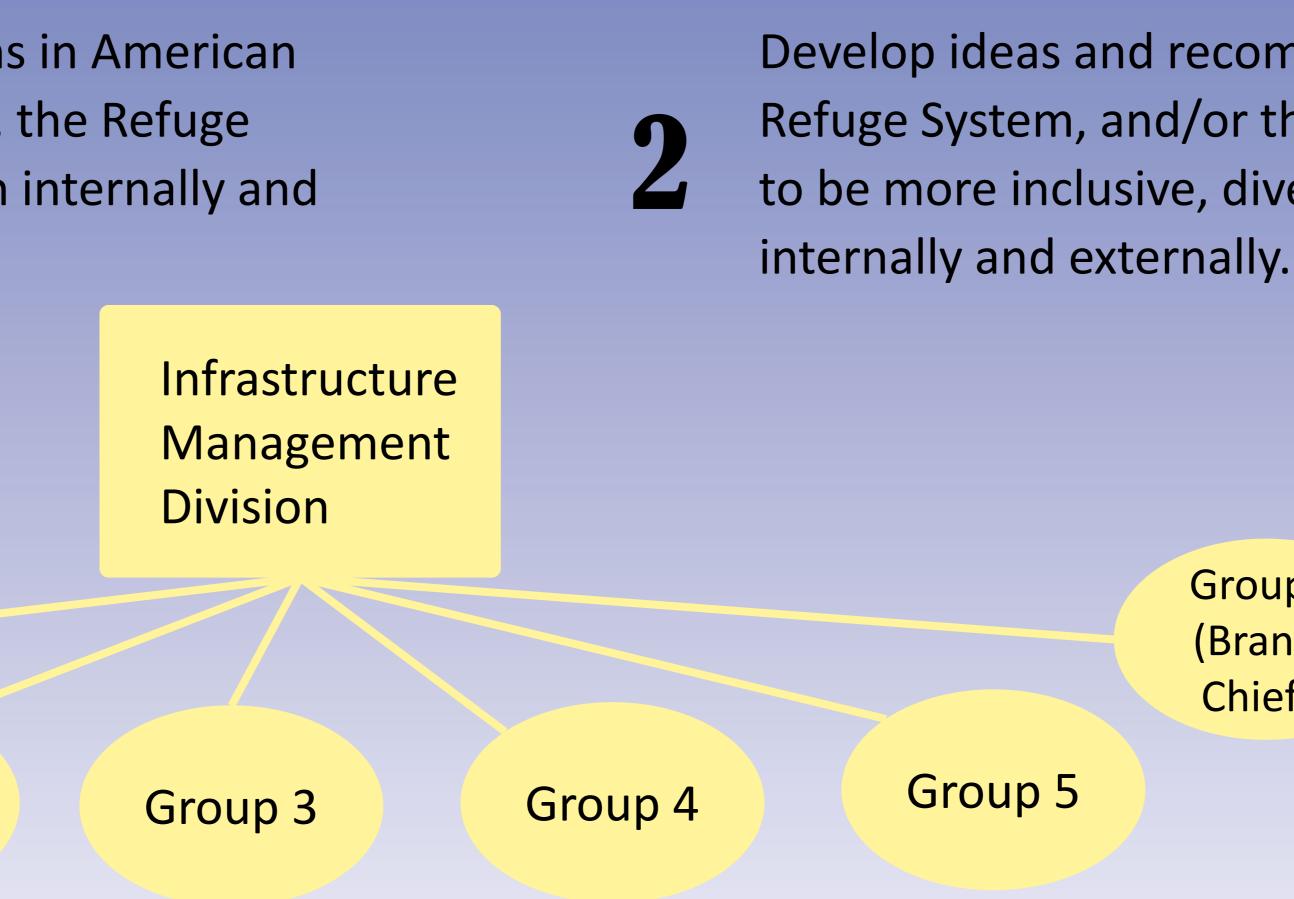
### Why does this matter?

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- IMD needed a space to converse, learn, and take action together.

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Systemic racism and other forms of inequity are ingrained into the fabric of our society. Every subject area, policy, and profession is affected.

This aligns with administration priorities and helps move us, little by little, toward a more just world.





Develop ideas and recommendations for how IMD, the Refuge System, and/or the Service can implement changes to be more inclusive, diverse, and equitable both

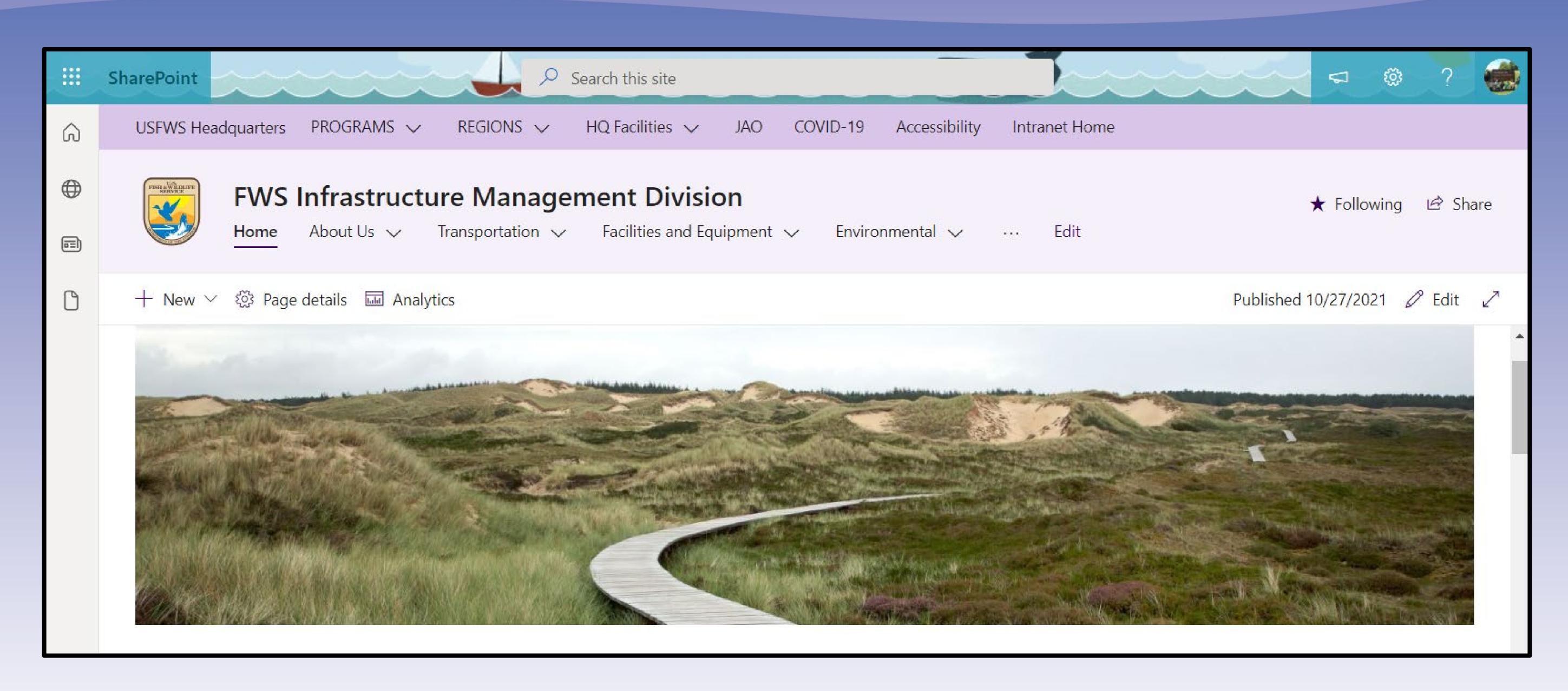
> Group 6 (Branch Chiefs)







## Infrastructure Management Division SharePoint Site



Why does this matter?

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When FWS migrated to Microsoft Office 365, they began transitioning from old sites like Inside FWS and Fishnet to SharePoint. Internal communications have improved greatly and IMD now has a site to share important infrastructure-related information with employees across the Service.

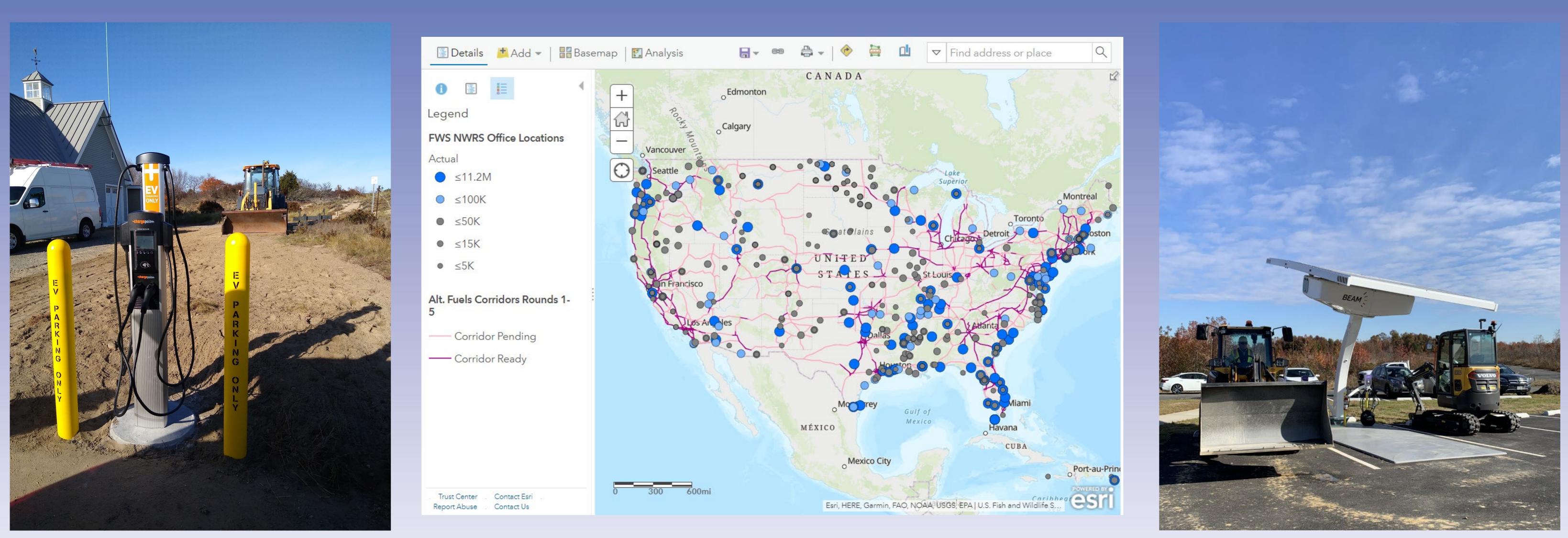








## **Electric Vehicles (EVs) and EV Charging Stations**



Source: Ella Weber

### Why does this matter?

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Executive Order 14008, Section 205 orders a transition to clean and zero-emission vehicles within Federal, state, local, and Tribal government fleets. • This is one small piece in a broad plan to address the current climate crisis.

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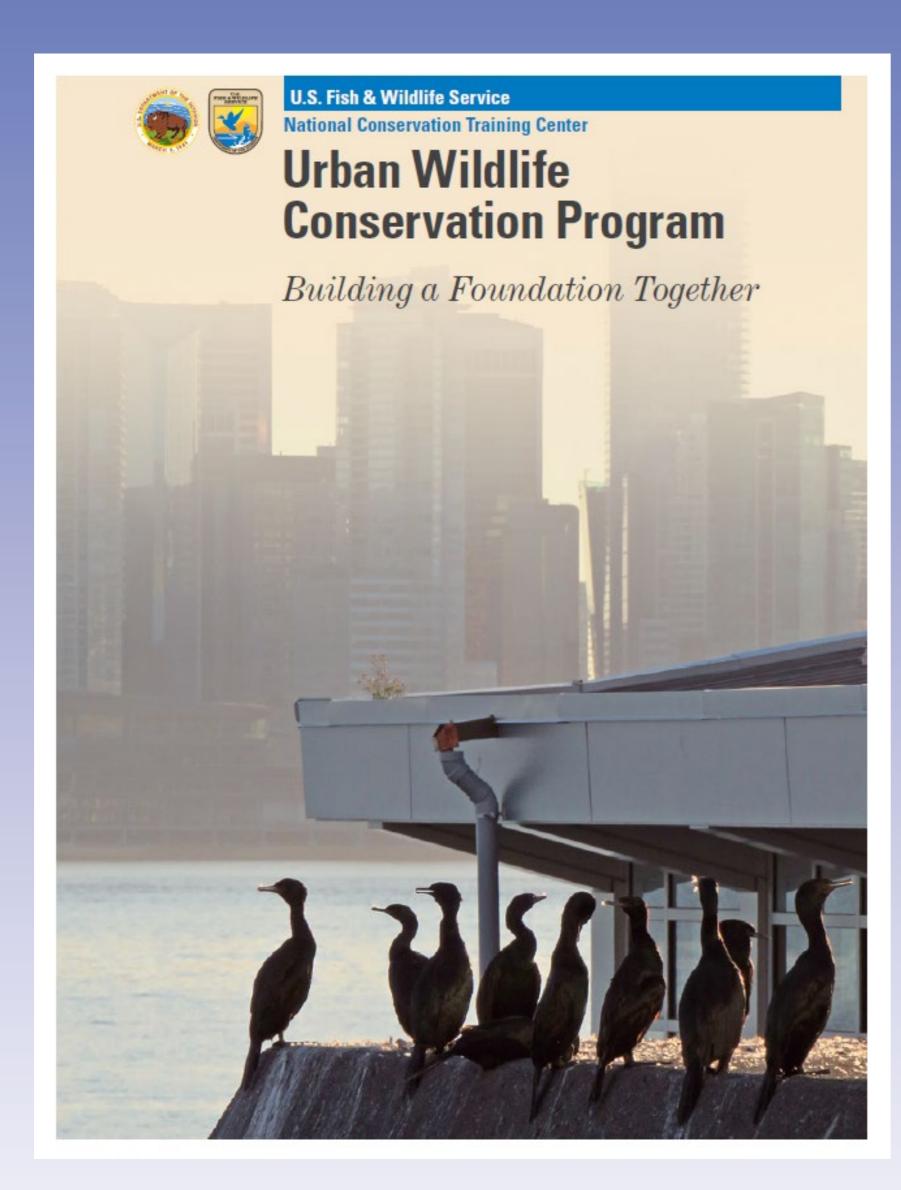








## Urban Wildlife Conservation Program (UWCP): **Building a Foundation Together**



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Why does this matter? This course was the first step to launching UWCP's 10-year strategic plan, which presents an intentional, inclusive, collaborative, and community-focused public engagement framework relevant to all Service programs, Friends, volunteers, and partners.

### Agenda: Day 2

Tuesday, Noven	nber 16th – Why "Urban"?	
TIME (EASTERN)	HOW & WHO	WHAT
1–1:15 PM	Webinar Session Shanice Jones	Opening Address Welcome and today's agenda.
1:15 – 2:30 PM	Webinar Session Dr. Dorceta E. Taylor, Senior Associate Dean, Diversity, Equity, and Inclusion, Yale School of the Environment Moderator: Nancy Monroe	Keynote Author of The Rise of the American Conservation Movement: Power, Privilege, and Environmental Protection, discusses the influence of race, class, and gender on conservation movements in America.
2:30 - 2:45 PM	Break & personal reflection	Move to the classroom
2:45 – 3:30 PM	Classroom Session Jessica Jia Vince Ziols	Presentation The impacts of planning and policies on land-use and urban communities (past & present) and where the Service and greater conservation community fit in.
3:30 - 3:45	Break	Stay in the classroom
3:45 – 4:00 PM	Classroom Session Angie Horn Naomi Fireman	Presentation Case study introduction and general instructions for the activity that follows.
4:00 PM		Move to your peer-learning break-out room
4:00 - 4:35 PM	Peer Learning Group Session	Activity in break-out groups Discussion/application of learning based on case study
4:35 PM		Move to the classroom
4:35 - 5:00 PM	Classroom Session	Full group discussion

**Public Lands Transportation Fellows (PLTF) Program** 

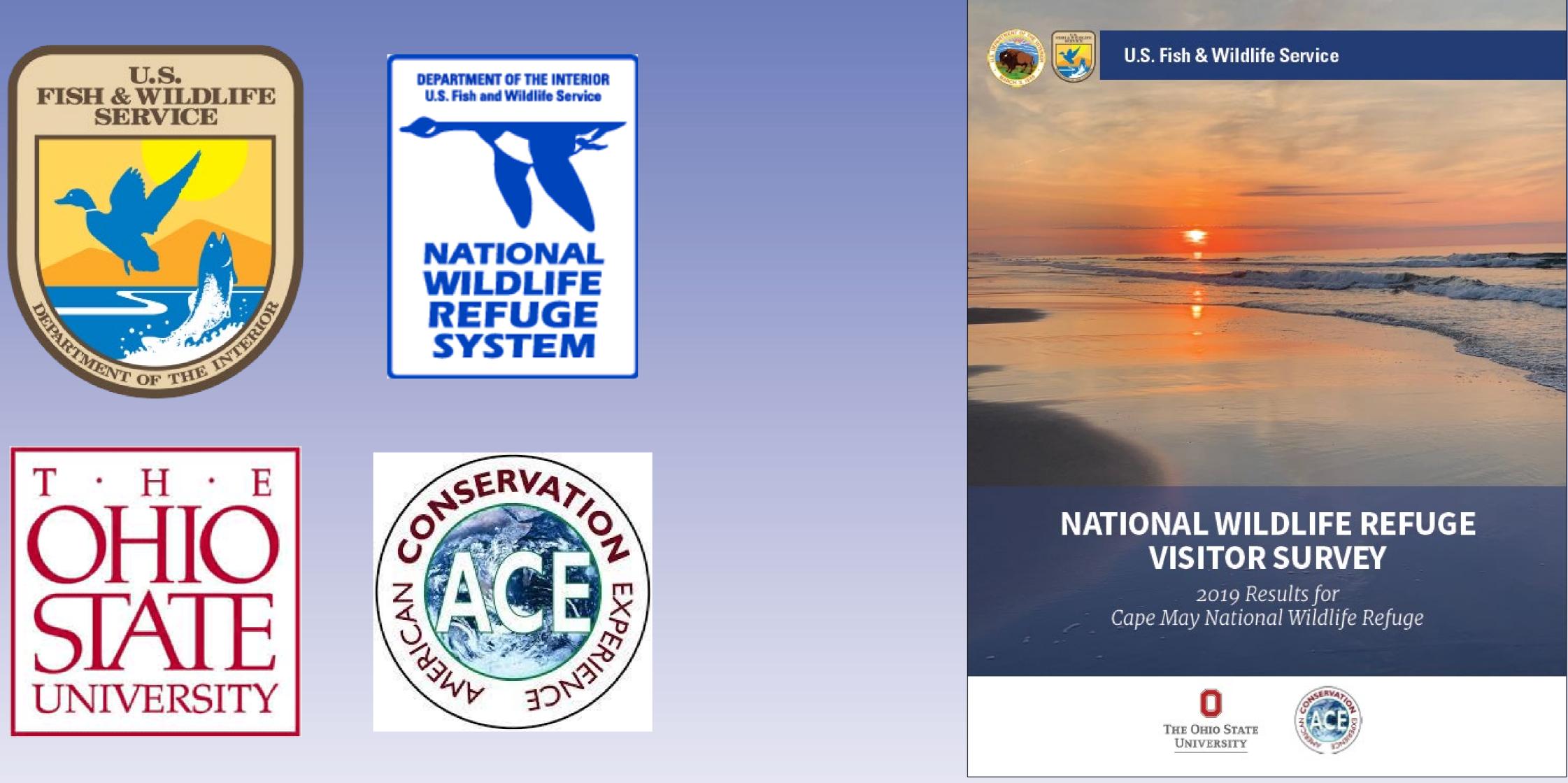


Source: Sandy Spakoff

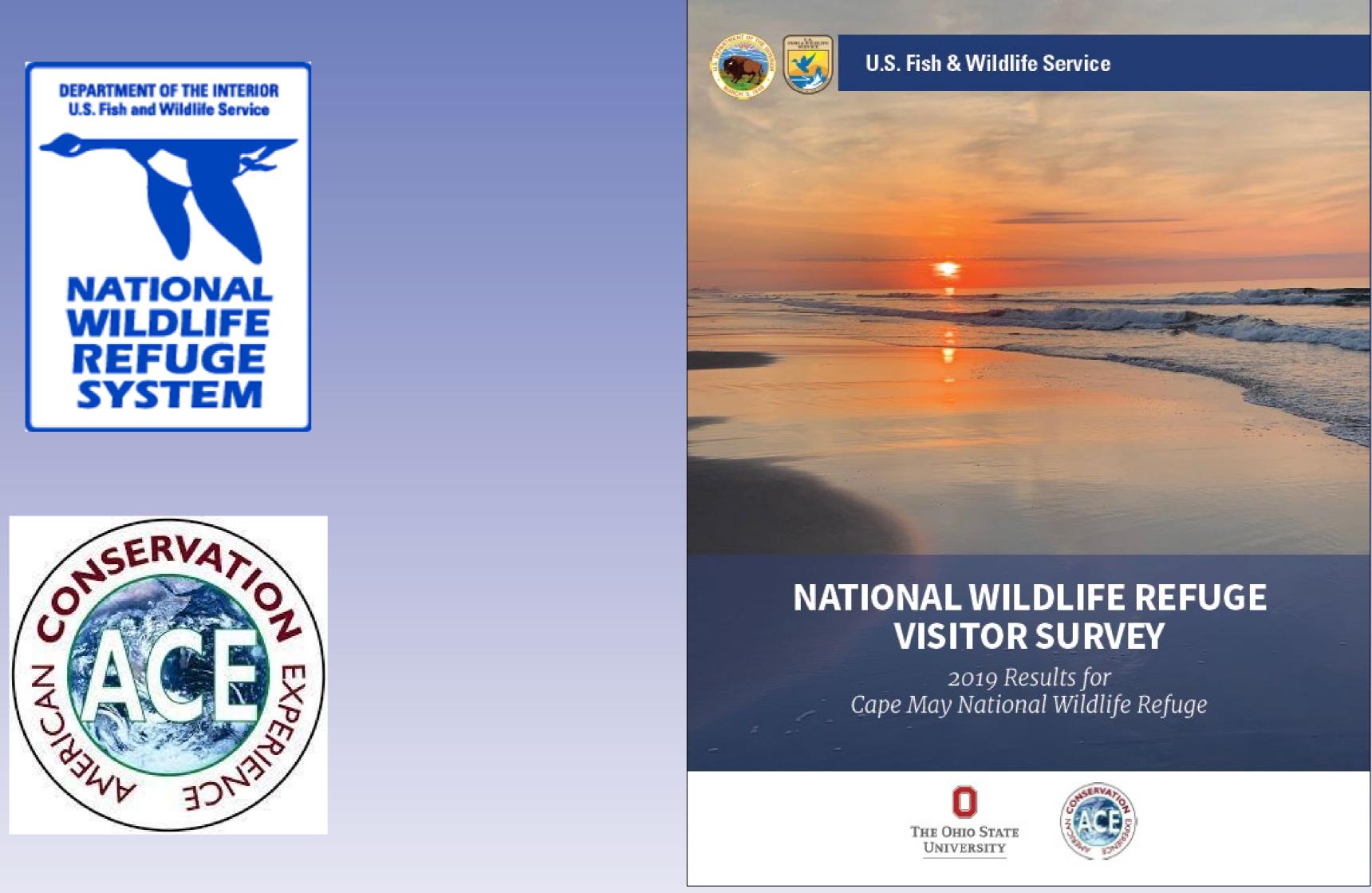














Why does this matter? FWS is interested in understanding alternative transportation use on their land and expanding projects outside station boundaries to create lasting transportation solutions for gateway/local communities, especially those that are disadvantaged or underserved.



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Q3: Which transportation-related features were visitors least satisfied with?

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Why does this matter? FWS is interested in understanding alternative transportation use on their land and expanding projects outside station boundaries to create lasting transportation solutions for gateway/local communities, especially those that are disadvantaged or underserved.

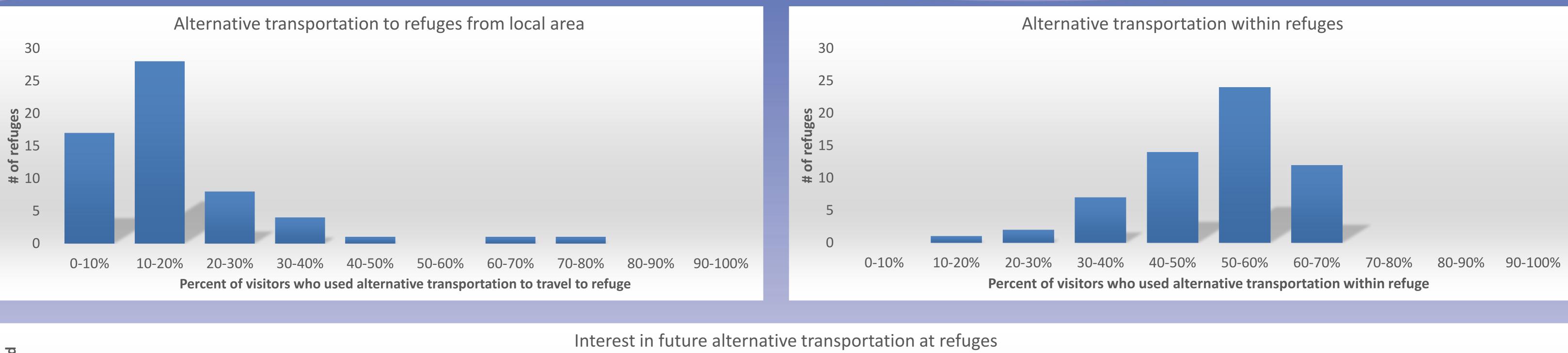
- Q1: What percentage of visitors used a form of alternative transportation as their primary recreation purpose?
- Q2: How many visitors are very or extremely satisfied/dissatisfied with trail hiking and bicycling opportunities?
- Q4: What percentage of visitors traveled from the local area to the refuge by anything other than private vehicle?
- Q5: What percentage of visitors traveled within the boundaries of the refuge by anything other than private vehicle?
- Q6: What percentage of visitors were very or extremely likely to use future alternative transportation?

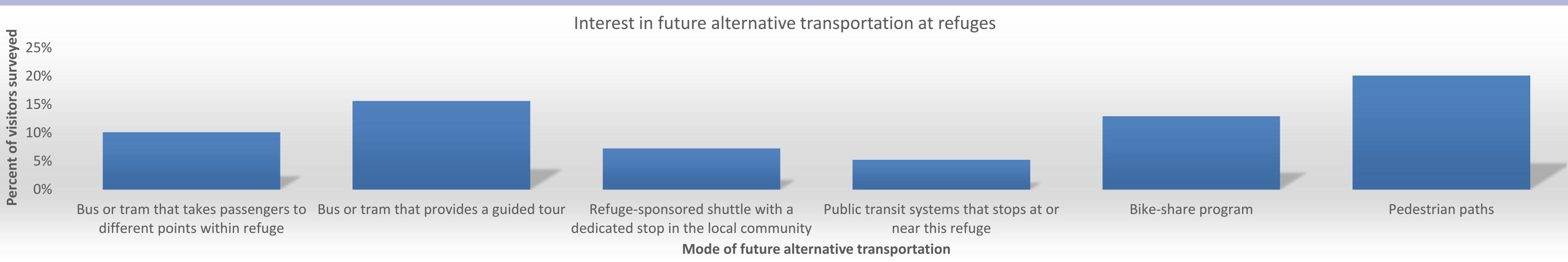












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Why does this matter? FWS is interested in understanding alternative transportation use on their land and expanding projects outside station boundaries to create lasting transportation solutions for gateway/local communities, especially those that are disadvantaged or underserved.



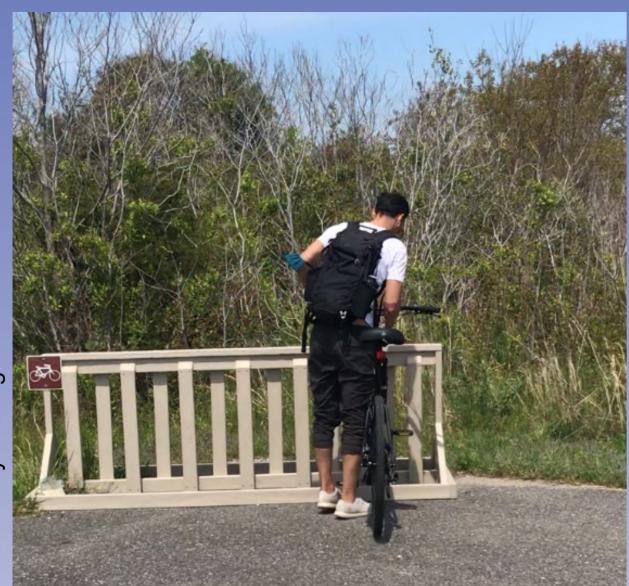
Refuges Surveyed = 70



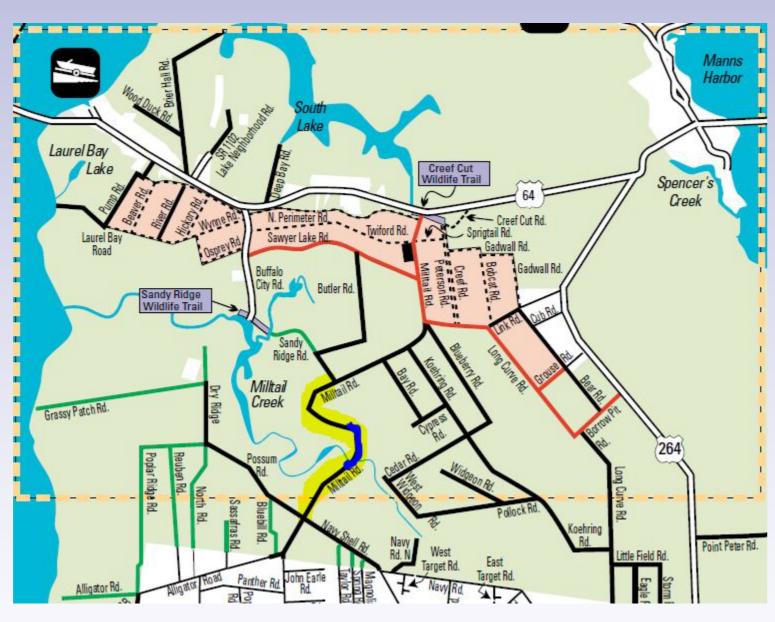








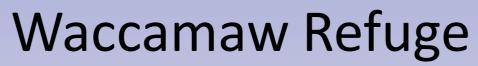
### Cape May Refuge





FWS





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### **Tualatin River Refuge**



### **Alligator River Refuge**

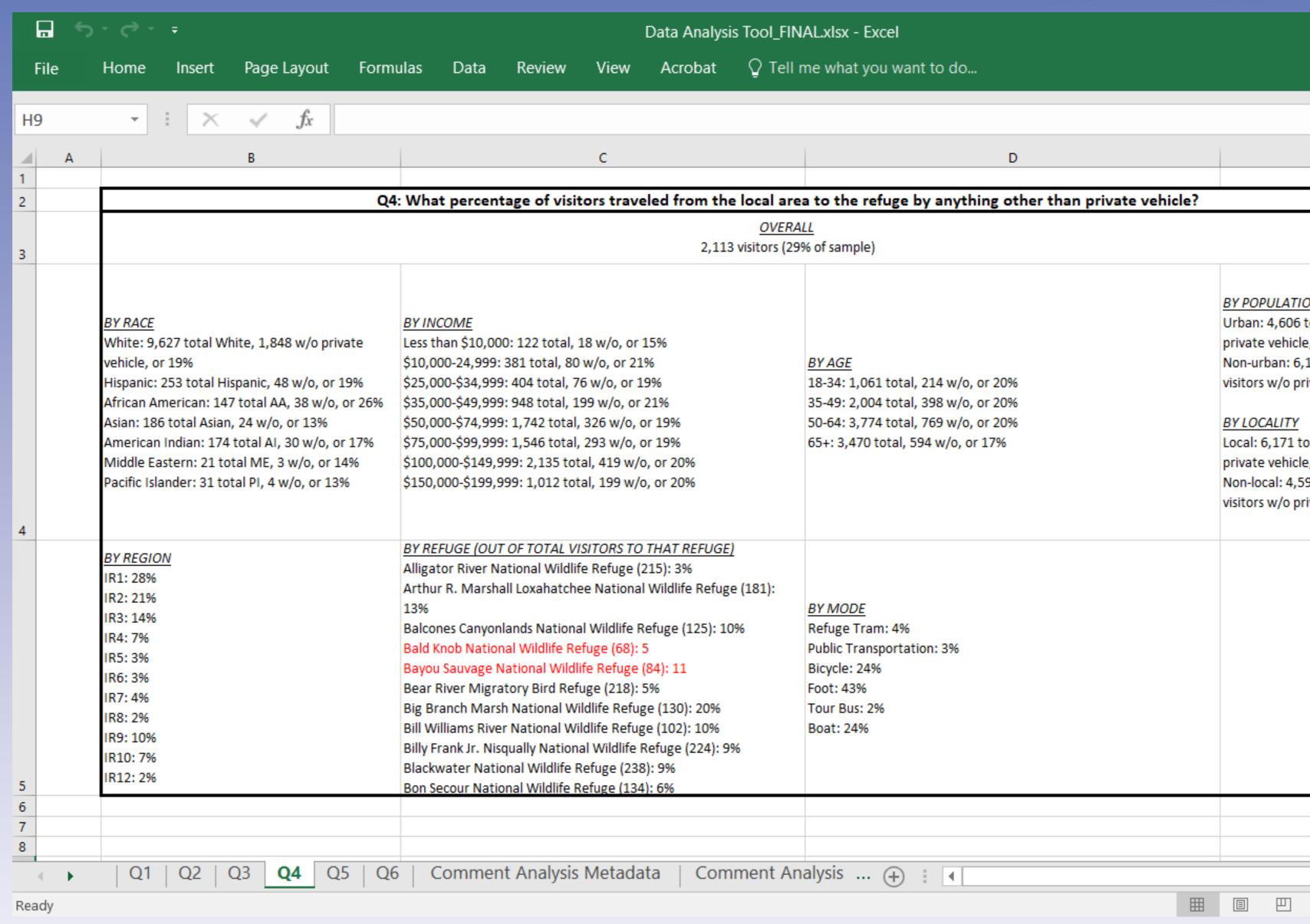


### National Elk Refuge









Why does this matter?

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FWS is interested in understanding alternative transportation use on their land and expanding projects outside station boundaries to create lasting transportation solutions for gateway/local communities, especially those that are disadvantaged or underserved.



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<u>ON</u> total urban, 799 visitors w/o e, or 17% .130 total nonurban, 1,275 rivate vehicle, or 21%		
otal local, 1,232 visitors w/o e, or 20% 93 total non-local, 846 rivate vehicle, or 18%		
	<b>•</b>	
	•	
	78%	



















## Goal: Deliver 40% of the overall benefits of relevant federal investments to disadvantaged communities.

Why does this matter?

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• Allows the federal government to measure and direct 40% of the overall benefits of relevant federal investments to disadvantaged communities. This is one piece in the Biden Administration's plan to make environmental justice part of every federal agency's mission.

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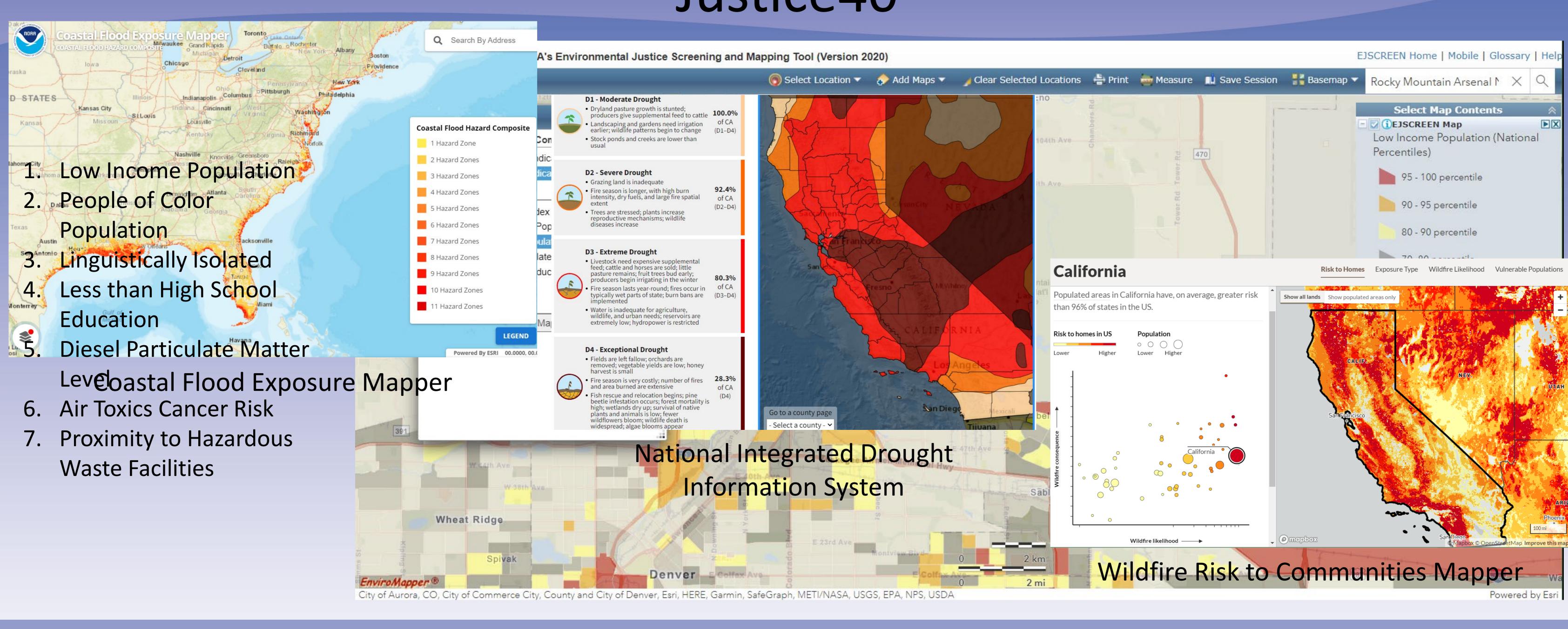












### Why does this matter?

MONTANA

Allows the federal government to measure and direct 40% of the overall benefits of relevant federal investments to disadvantaged communities. This is one piece in the Biden Administration's plan to make environmental justice part of every federal agency's mission.

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## Justice40

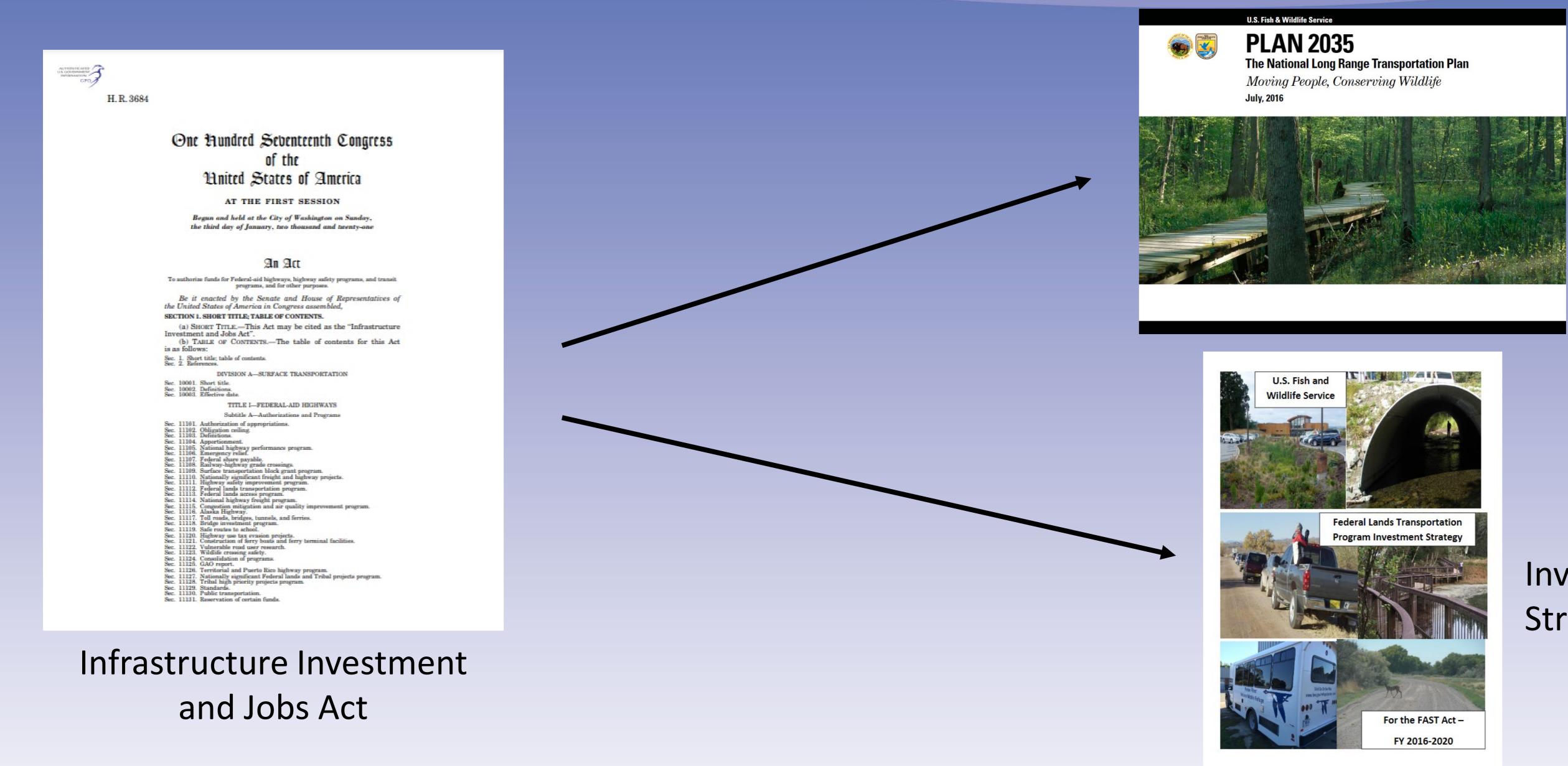








## Surface Transportation Reauthorization



### Why does this matter?

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• New surface transportation policy calls for a rethinking of strategic goals and benchmarks within the LRTP and submission of a new Investment Strategy to FHWA. These two documents go hand-in-hand with the LRTP priorities informing the Investment Strategy framework.



**Public Lands Transportation Fellows (PLTF) Program** 

Long Range Transportation Plan (LRTP) Update

Investment Strategy











Why does this matter? Having a detailee meant Legacy Region 6 could keep up with their transportation five-year plan submission and FHWA project coordination, and finish out data collection for the Road Inventory Program.



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## Detailing as an RTC





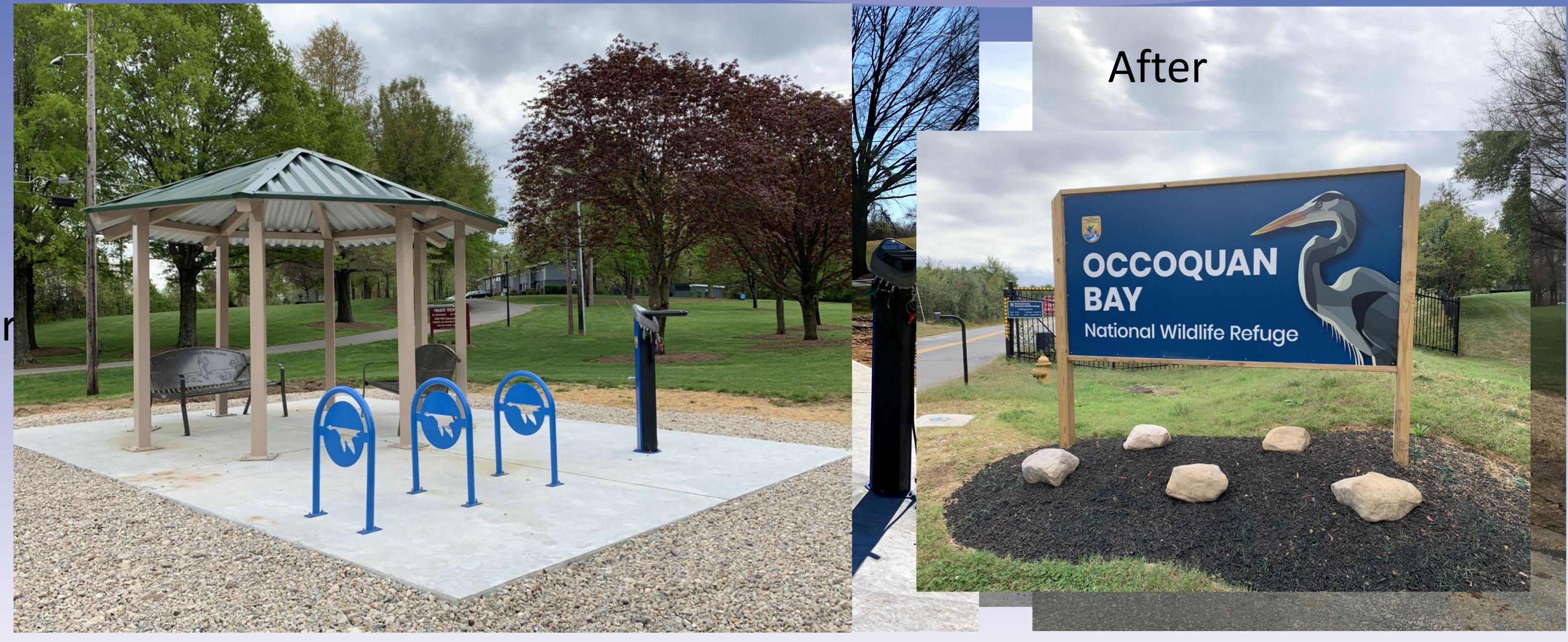








### **Occoquan Bay Entrance Vision Implementation**



Dur

### Why does this matter?

This welcoming, community-oriented entrance better represents FWS and provides a rest stop for Potomac Heritage National Scenic Trail users.



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- Do not be afraid to share forward-thinking ideas this is easier when you have a regular checkin scheduled with your supervisor.
- If you have the capacity, offer your help/services to folks outside your branch, division, program, etc.
- •Be persistent in moving a project along keep following up.
- •Learn to relinquish control when working on a team.
- •Be prepared to pause other work to help with quick-turnaround data calls.
- •Follow the organizational structure (HQ  $\rightarrow$  Regions  $\rightarrow$  Stations).
- •Communication and information sharing with and between agencies can be complex.
- •After a new law passes, every affected agency must figure out how to implement its new policies and initiatives efficiently.

## Lessons Learned

### National Level

- •5-year project planning is a balancing act between station needs, regional priorities, national policy, and future vision.
- Teams that participate in fun, group activities together work well together.
- •Good tracking methods are key to initiatives with multiple leaders at different times.
- •When stepping into a new role, take the time to build your own relationships with important stakeholders.
- •Find a mentor willing to invest time and energy into your growth.
- •Block off focus time without meetings to get mission critical work done.
- •The art of strategic conversation comes with practice.

## Lessons Learned

### **Regional Level**

- Take advantage of multi-agency partnerships they often allow you to complete projects you would not be able to do alone.
- •Get involved in local and regional planning and development efforts.
- •Encourage and aid local government agencies in applying for federal funding.
- •Stations are often under-funded and under-staffed which, no matter how much staff want to, hinders their ability to connect with local community groups and stakeholders.
- •If possible, show up to support your co-workers and volunteers at gatherings and events.
- •Station staff are inventive and resourceful when it comes to getting the most out of what they are given.

## Lessons Learned

### Unit Level

•Set projects up so that refuge staff can implement them independently.



- Spend some time with your Scope of Work.
- Make lists.
- Trust yourself to learn new skills.
- Say yes (as much as you can).
- Your expertise goes beyond transportation; use all of it.

- fellowship is meant to provide a supportive community.

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## General Suggestions

• Career conversations are a great way to engage with people inside and outside your agency and learn more about where you want to head next on your career journey. • Take lots of pictures. You will be glad you did once you are writing your final report. Build collaborative relationships with your fellows cohort, mentor, and the PLTF team. The









Including, but not limited to:

- Laura Whorton, Nathan Beauchamp, Peter Tomczik, Conrad Lamar, Vince Ziols, Eric Bergey, Ron Begin, Pam Eby, Jorge Avila, John Dyer
- Ryan Roberts, Angelina Yost, Ashleyann Perez-Rivera, Shanice Jones, Jessica Jia, Angie Horn
- Carl Melberg, Brandon Jutz, Andrea Smith, Joann Clark, Bruce Hickson • Melissa Bordewin, Lorri Harper, Nathan Hughes, Brent Waters, Sandra Uecker, Wade Briggs, Stacy Hoehn,
- Melissa Jucha, Andrew Rasmussen
- Amanda Daisey, Carina Velazquez-Mondragon, Chris Wicker, Chuck Henschel, Stacie Allison, Grant Miller, **Cloe Traylor, Delaney Curran**
- Phil Shapiro (mentor), Jaime Sullivan, and WTI staff Fellows Nate Begay, Tommy Egland, Taylor Long, Ella Weber, Pat McMahon, and Charlie Gould
- •





## Thank you











- email for copy)
- FWS Electric Vehicle Charging Station Gap Analysis (only accessible to FWS employees)
- Infrastructure Management Division SharePoint site (only accessible to DOI employees)
- H.R. 3684: Infrastructure Investment and Jobs Act
- EPA's Environmental Justice Screening and Mapping Tool
- National Integrated Drought Information System, by State
- NOAA's Coastal Flood Exposure Mapper
- USDA's Wildfire Risk to Communities Tool
- Career Conversations How-To and Resources



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**Public Lands Transportation Fellows (PLTF) Program** 

## Resources

• National Visitor Survey Alternative Transportation Report (only accessible to DOI employees,













### **Public Lands Transportation Fellows (PLTF) Program**



## Questions?







please contact:

Or contact the PLTF Program Manager at: (774) 571-3505 or jaime.sullivan2@montana.edu

https://westerntransportationinstitute.org/professionaldevelopment/public-lands-transportation-fellows/



**Public Lands Transportation Fellows (PLTF) Program** 

**Contact Information** If you have any questions related to this presentation,

> Laura Whorton at <u>laura</u> whorton@fws.gov Or Naomi Fireman at naomi fireman@fws.gov







