

WELCOME!

Thank you for joining our webinar.

We will begin at 11 am pacific.

Federal Funding For Electric Vehicle Charging

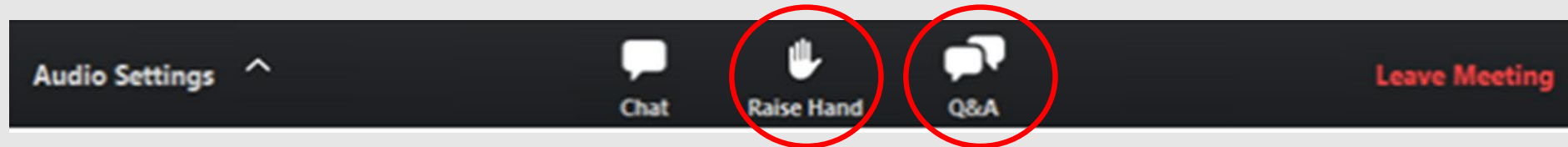
April 4, 2022



Zoom Webinar 101: What to Expect

- All attendees are muted.
- 30 min presentation
30 min Q&A
- Check the chat for links.
- Use the chat for technical difficulties.
- This webinar is being recorded and will be available soon.
- Host:
 - Matt Noble, ODOT Communications
- Panelists:
 - Amanda Pietz, Division Administrator, Policy, Data & Analysis
 - Suzanne Carlson, Director, Climate Office
 - Mary Brazell, Transportation Electrification Program Manager
 - Jillian DiMedio, Senior Transportation Electrification Analyst

Zoom Webinar 101: How to ask a question



- Method 1:

- Click the “Q&A” button and type in your question.
- You may submit your question at any time.
- The host (Matt) will read your question to the panelists.

- Method 2:

- Click the “raise hand” button, or dial *9 if you’re on the phone.
- Host (Matt) will unmute you.
- Please ask one, succinct question.

ODOT commits

 \$101M+

minimum to
transportation
electrification
charging
infrastructure

\$52M IJA dedicated funds + match +
Transportation Operating Fund +
Carbon Reduction Program + other

Drivers



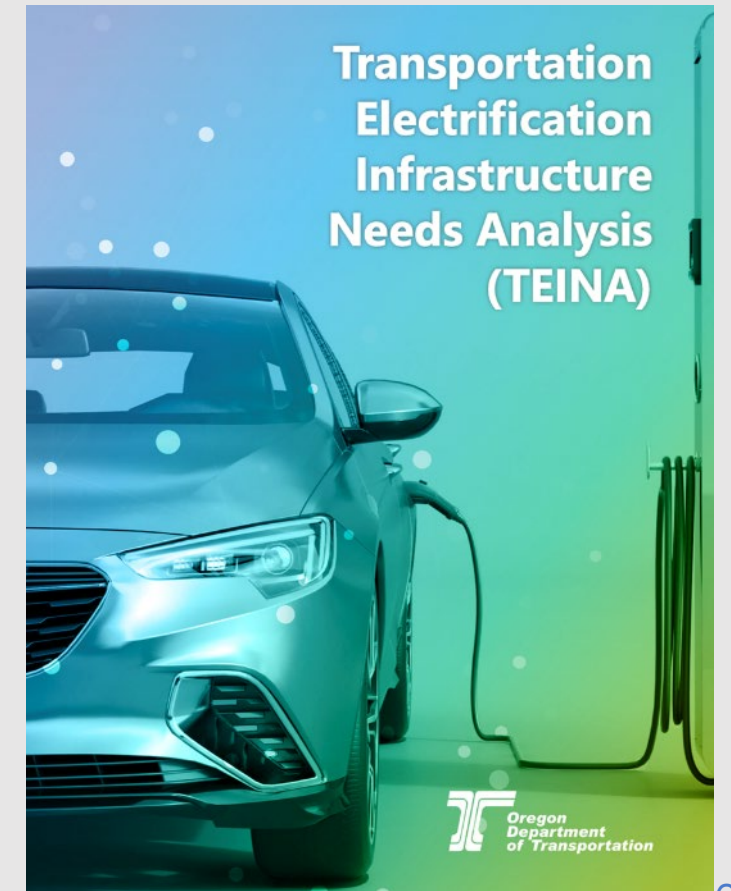
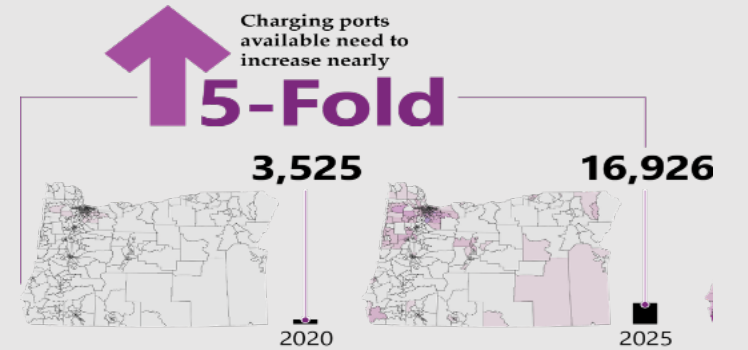
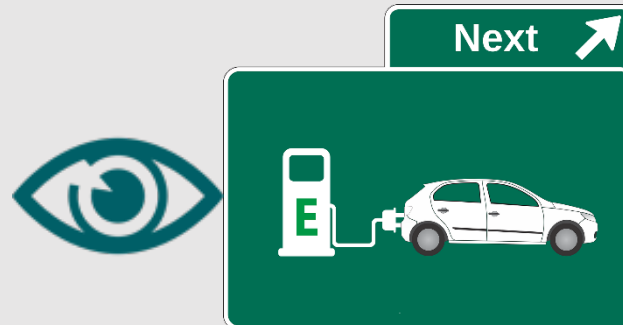
Oregon Statewide Transportation Strategy
A 2050 Vision for Greenhouse Gas Emissions Reduction

Executive Summary

Oregon Sustainable Transportation Initiative (OSTI)
Accepted March 20, 2013



- Pricing
- Transportation Options
- System Operations
- Fuels
- Vehicles





INFRASTRUCTURE INVESTMENT AND JOBS ACT

\$7.5 Billion for EV Charging

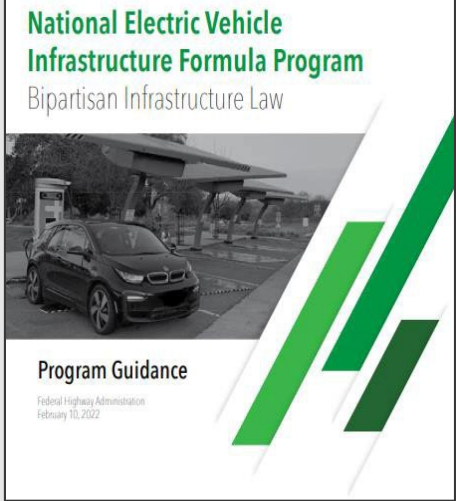
\$5 billion
Formula funding
(NEVI)

\$2.5 billion
Discretionary
(Sect. 11401 Grants)



INFRASTRUCTURE INVESTMENT AND JOBS ACT

\$5 billion
National Electric Vehicle
Infrastructure Program
(NEVI)



- \$52 million to ODOT over 5 years
- 20% non-Federal match required (some expected from private sector)
- Fiscal Year 2022: \$7.7 million
- Must be spent along Federally-approved Alternative Fuel Corridors

NEVI: Key Federal Requirements

Objective: Build a seamless national network of public EV charging that is reliable, convenient, affordable and equitable



Minimum of four high-powered (150 kW) chargers at each site



Every 50 miles* along Alt. Fuel Corridors;
≤ 1 mile from corridor

*exceptions allowed



Collaboration with agency partners and stakeholders

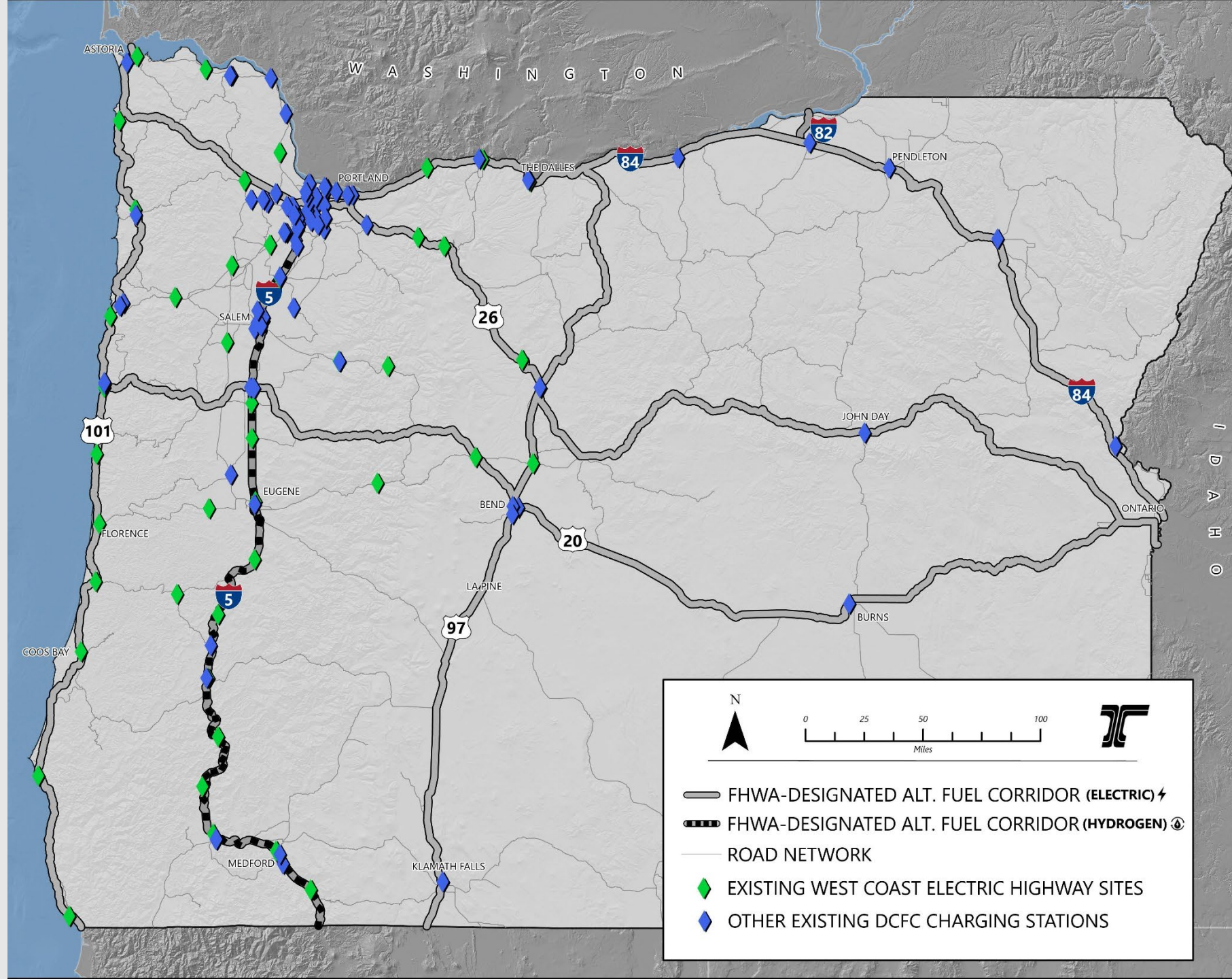


Development of a State Plan; to be approved by the Joint Office

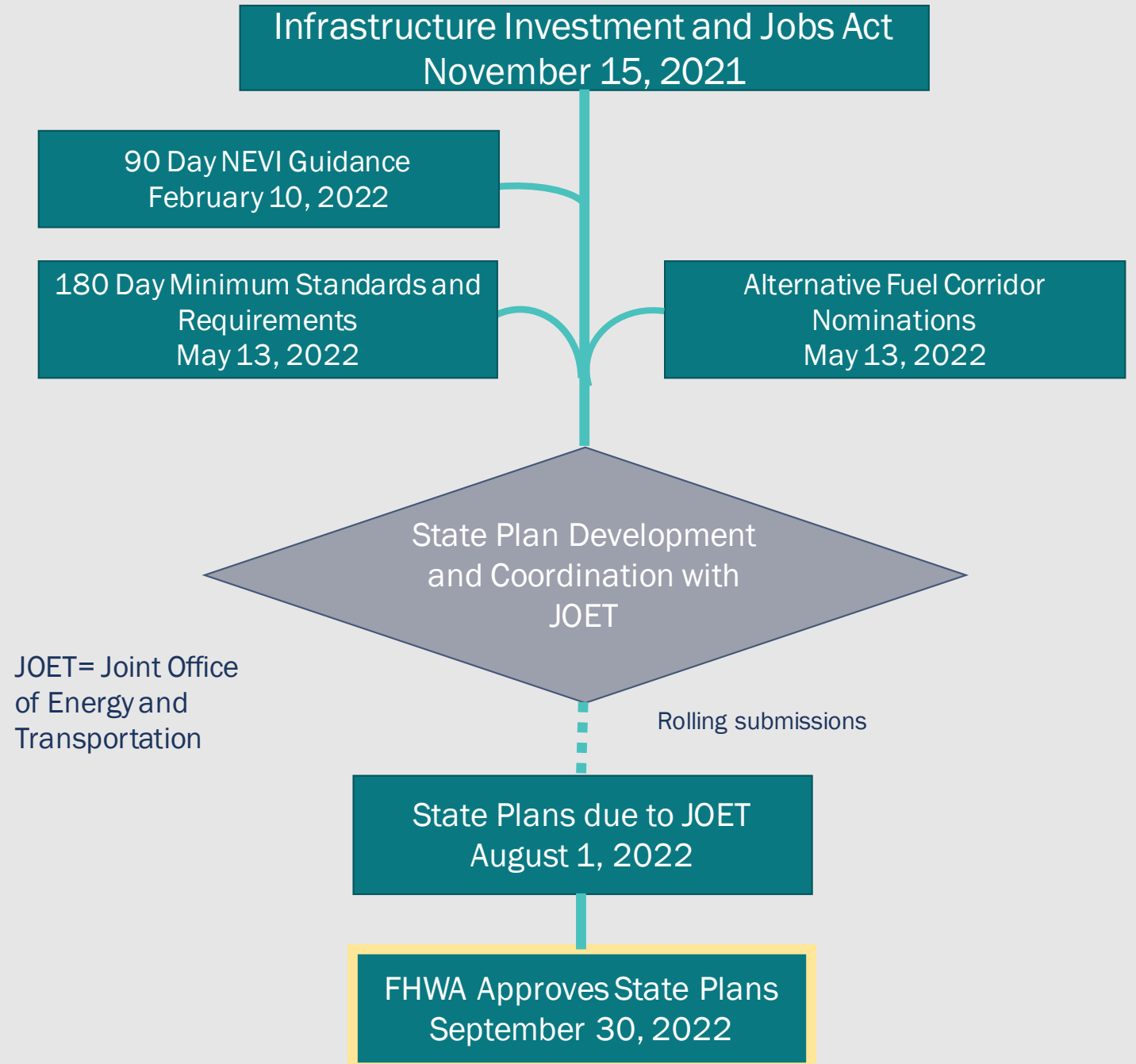
Oregon's Electric Alt. Fuel Corridors

7 FHWA-designated corridors currently

North-South:	East-West:
I-5	I-84
I-82	US 26
US 101	US 20
US 97	



FIRST YEAR NEVI SCHEDULE



Timeline



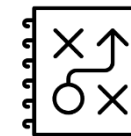
Five year plan due August 1st
FY22 emphasized in first year plan
Updated annually

Existing Conditions



Existing conditions of EV charging
deployment
(Transportation Electrification Infrastructure
Needs Assessment – TEINA study)

Deployment Strategy



How we will build on TEINA findings
and disburse funding

NEVI STATE PLAN

Equity



40% of benefits to Justice40
disadvantaged communities
Labor and workforce development

Collaboration



Partner agency coordination
Public & stakeholder engagement

Performance



Establish 5 year goals
Report on progress toward metrics

TEINA Study

Transportation Electrification Infrastructure Needs Analysis (TEINA)



 Oregon
Department
of Transportation

9 Use Cases

1. Urban LDV
2. Rural LDV
3. Corridor
4. Commercial Delivery
5. Long-Haul Trucking
6. TNCs
7. Transit and School Buses
8. Micro-Mobility
9. Disadvantaged Communities

Existing Conditions

Geographic
Characteristics
(Urban vs. Rural)

ZEV Adoption
Locations

Charging Infrastructure
By Type, Geography,
and Use Case

Stakeholder Engagement

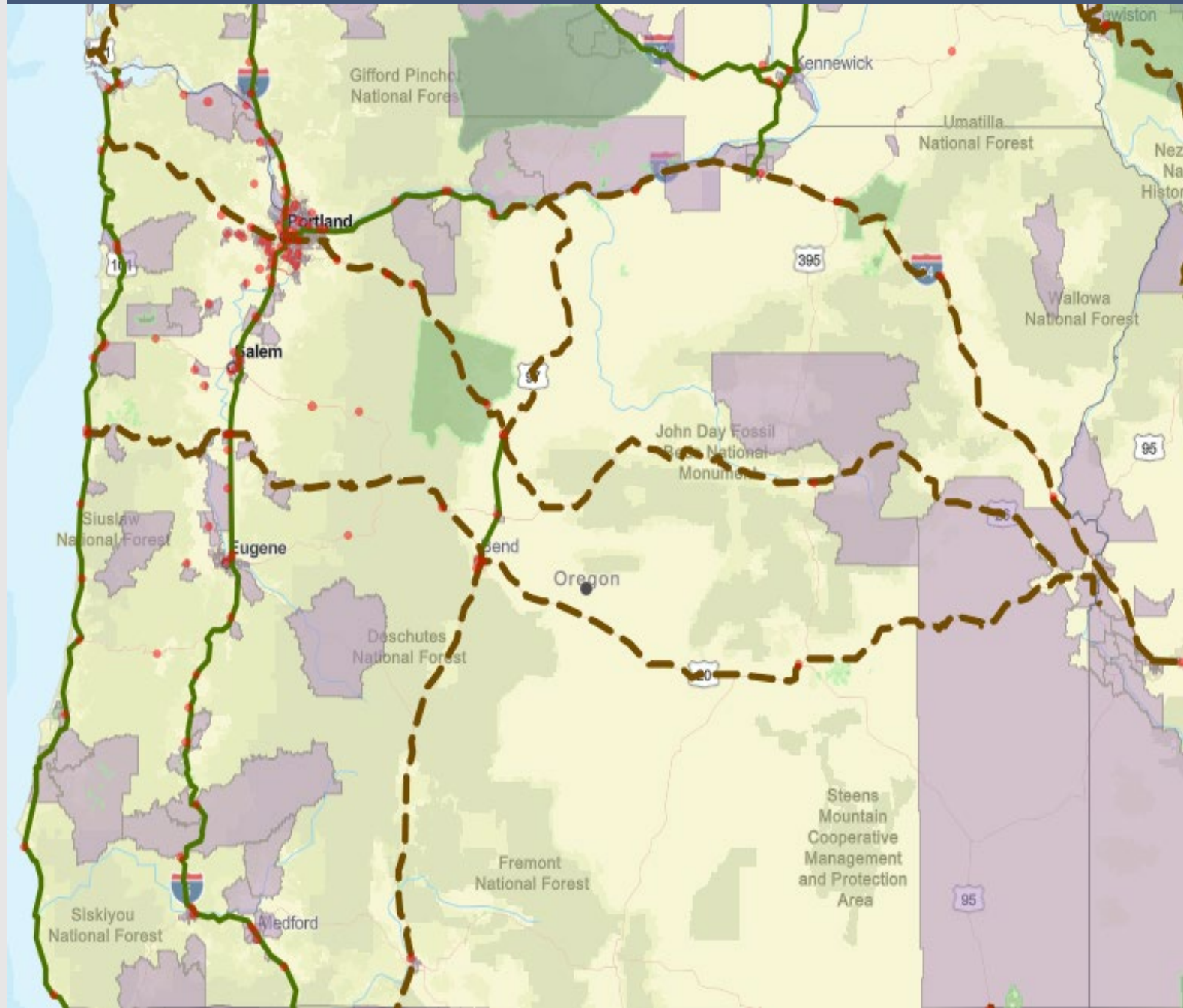
12 Listening
Sessions
by Use Case

Diverse Advisory
Group with Periodic
Public Meetings

Website, Fact Sheets,
and Public
Comments

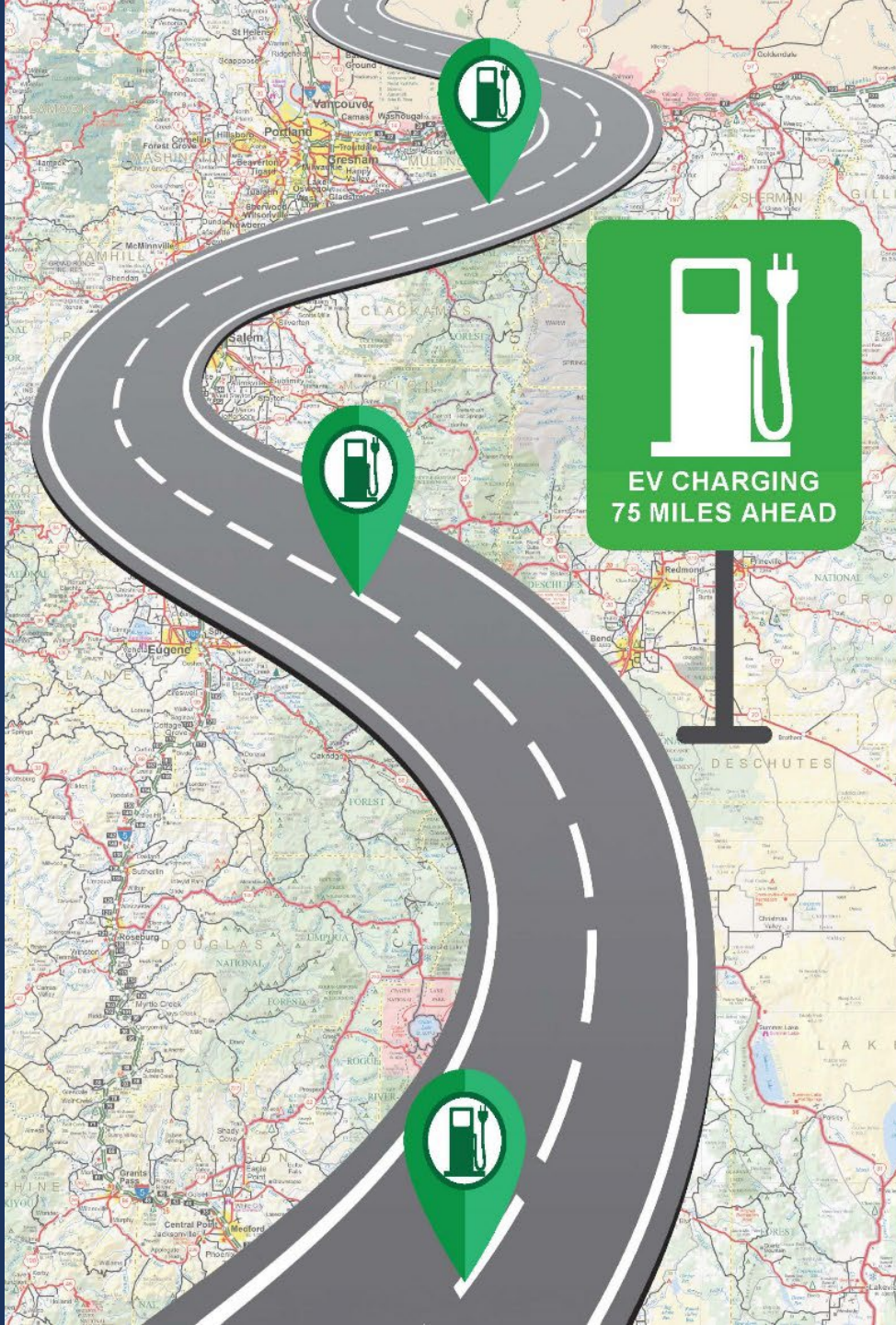
Justice40

- Minimum of 40% of program benefits to disadvantaged communities
- Benefits include:
 - Job growth & training
 - Increased access to affordable EV charging
 - Increased community engagement
 - Reduced exposure to harmful transportation-related emissions
- Additional guidance to come



NEVI: Our Plans for a Typical Site

“the Oregon
Quad Pod”



Charging Stations Every 50-100 miles
Quad: 3x150 KW, 1x350 KW
Future proof for additional 350 KW chargers

Oregon NEVI Deployment Strategy



Partner with
Private Sector



Pair Corridors



Build New &
Upgrade
Existing



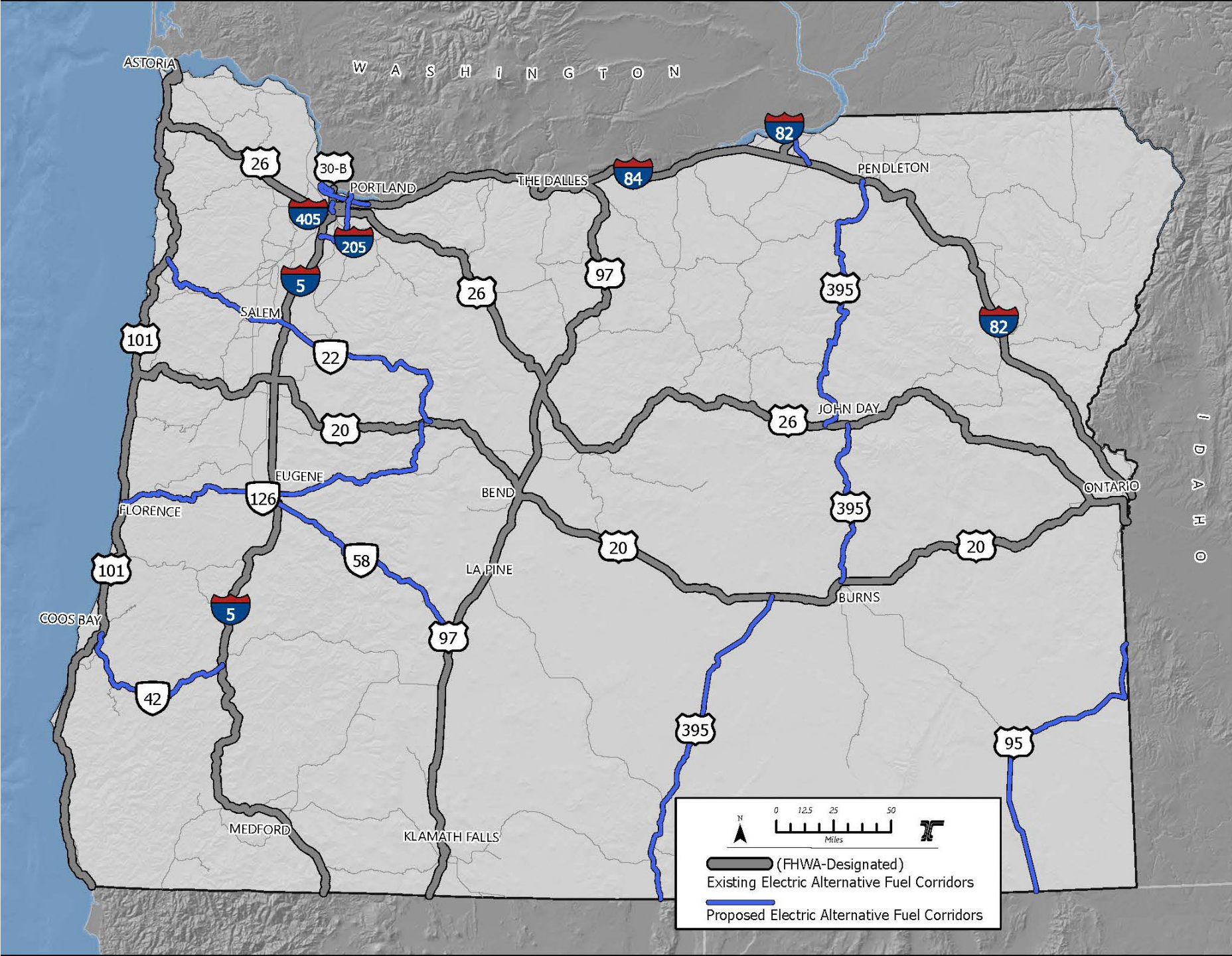
Target
Reliability



Expand
Coverage

Oregon's Proposed Alt. Fuel Corridors

Phased approach for new Alternative Fuel Corridors over five years

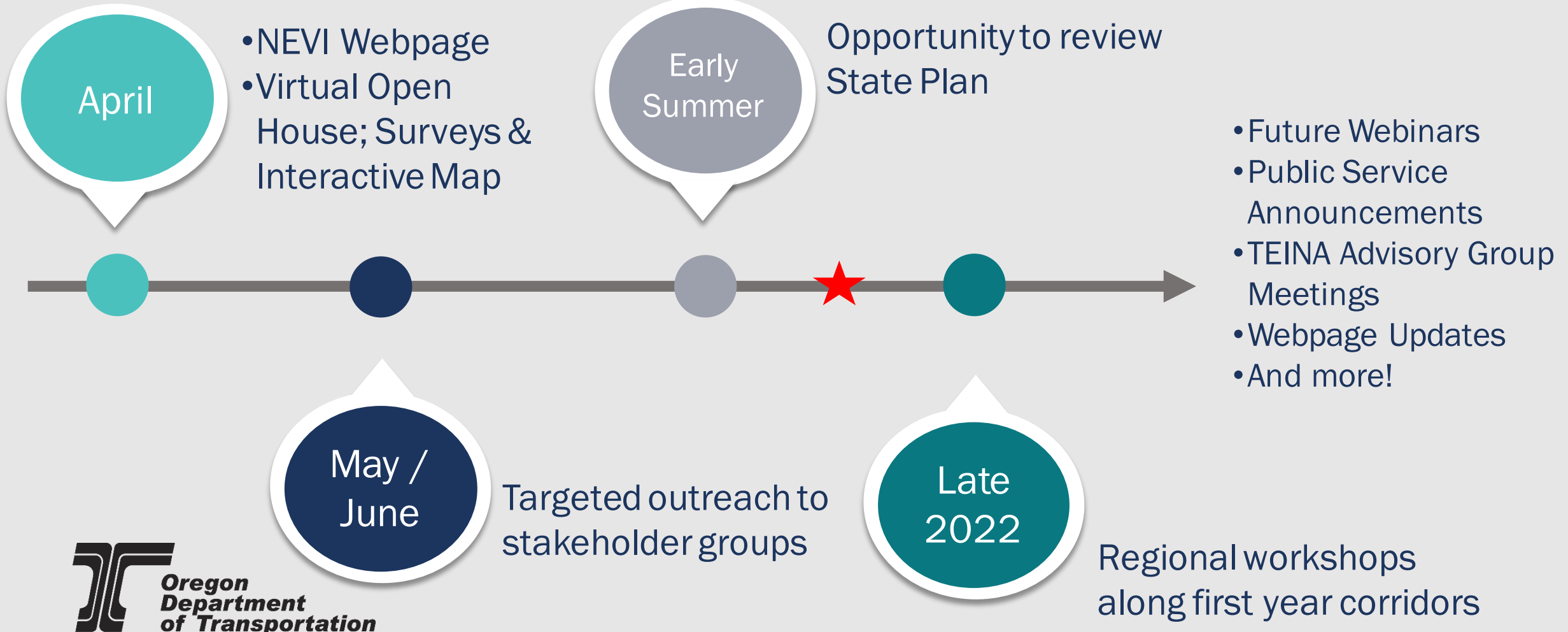


Working With Stakeholders

NEVI engagement – a “marathon, not a sprint”



How Can You Engage?



The Big Picture: Climate Office Transportation Electrification Efforts



Thank You!
Question & Answer?

