

Agenda



Metro

600 NE Grand Ave.
Portland, OR 97232-2736

Meeting: Regional Emergency Transportation Routes (RETR) Ph 2: Technical Workshop 1

Date: Monday, March 10, 2025

Time: 2:00 p.m. to 4:00 p.m.

Place: [Zoom Meeting ID: 830 7608 9109 ; Passcode: 977235](https://us02web.zoom.us/j/83076089109?pwd=jDZ1b0C73dkbV8NuRP1iUtTbXZAaQX.1)
<https://us02web.zoom.us/j/83076089109?pwd=jDZ1b0C73dkbV8NuRP1iUtTbXZAaQX.1>

Purpose: Introduce the project and gather input to help develop a methodology for tiering/prioritizing Regional Emergency Transportation Routes

Outcome(s): Participants orient themselves to the project and share ideas to help the project team develop a prioritization methodology

- 2:00 p.m. Welcome! Introductions and Agenda Review
(Tom Kloster, Metro / John Mermin, Metro)
- 2:15 p.m. Project Background, Approach and Timeline
(John Mermin, Metro/ Carol Chang, RDPO)
- 2:35 p.m. Small Breakout groups (Briana Calhoun, Fehr & Peers)
- Ice Breaker: How do you see the ETR designations impacting your work or emergency response processes?
 - In the immediate aftermath of a disaster, what roadways do you need open first and why?
 - What key locations do you need to get to first?
 - What are the biggest logistical challenges in responding to an emergency?
 - Who are we missing from these discussions that are part of the initial response decisions and communications?
- 3:20 p.m. Report back from small groups (Tom Kloster, Metro)
- 3:50 p.m. Next Steps (Carol Chang, RDPO)
- Community Based Organization (CBO) workshop – April 3
 - Project workgroup meeting – April 10
 - Develop draft prioritization methodology to share at next technical workshop in June - date TBD

Metro respects civil rights

Metro fully complies with Title VI of the Civil Rights Act of 1964, Title II of the Americans with Disabilities Act, Section 504 of the Rehabilitation Act and other statutes that ban discrimination. If any person believes they have been discriminated against regarding the receipt of benefits or services because of race, color, national origin, sex, age or disability, they have the right to file a complaint with Metro. For information on Metro's civil rights program, or to obtain a discrimination complaint form, visit oregonmetro.gov/civilrights or call 503-797-1890. Metro provides services or accommodations upon request to persons with disabilities and people who need an interpreter at public meetings. If you need a sign language interpreter, communication aid or language assistance, call 503-797-1890 or TDD/TTY 503-797-1804 (8 a.m. to 5 p.m. weekdays) 5 business days before the meeting. All Metro meetings are wheelchair accessible. Individuals with service animals are welcome at Metro facilities, even where pets are generally prohibited. For up-to-date public transportation information, visit TriMet's website at trimet.org

Thông báo về sự Metro không kỳ thị của

Metro tôn trọng dân quyền. Muốn biết thêm thông tin về chương trình dân quyền của Metro, hoặc muốn lấy đơn khiếu nại về sự kỳ thị, xin xem trong www.oregonmetro.gov/civilrights. Nếu quý vị cần thông dịch viên ra dấu bằng tay, trợ giúp về tiếp xúc hay ngôn ngữ, xin gọi số 503-797-1700 (từ 8 giờ sáng đến 5 giờ chiều vào những ngày thường) trước buổi họp 5 ngày làm việc.

Повідомлення Metro про заборону дискримінації

Metro з повагою ставиться до громадянських прав. Для отримання інформації про програму Metro із захисту громадянських прав або форми скарги про дискримінацію відвідайте сайт www.oregonmetro.gov/civilrights. або Якщо вам потрібен перекладач на зборах, для задоволення вашого запиту зателефонуйте за номером 503-797-1700 з 8.00 до 17.00 у робочі дні за п'ять робочих днів до зборів.

Metro 的不歧視公告

尊重民權。欲瞭解Metro民權計畫的詳情，或獲取歧視投訴表，請瀏覽網站 www.oregonmetro.gov/civilrights。如果您需要口譯方可參加公共會議，請在會議召開前5個營業日撥打503-797-1700（工作日上午8點至下午5點），以便我們滿足您的要求。

Ogeysiiska takooris la'aanta ee Metro

Metro waxay ixtiraamtaa xuquuqda madaniga. Si aad u heshid macluumaad ku saabsan barnaamijka xuquuqda madaniga ee Metro, ama aad u heshid warqadda ka cabashada takoorista, booqo www.oregonmetro.gov/civilrights. Haddii aad u baahan tahay turjubaan si aad uga qaybqaadatid kullanka dadweyne, wac 503-797-1700 (8 gallinka hore illaa 5 gallinka dambe maalmaha shaqada) shan maalmo shaqo ka hor kullanka si loo tixgaliyo codsashadaada.

Metro의 차별 금지 관련 통지서

Metro의 시민권 프로그램에 대한 정보 또는 차별 항의서 양식을 얻으려면, 또는 차별에 대한 불만을 신고 할 수 www.oregonmetro.gov/civilrights. 당신의 언어 지원이 필요한 경우, 회의에 앞서 5 영업일 (오후 5시 주중에 오전 8시) 503-797-1700를 호출합니다.

Metroの差別禁止通知

Metroでは公民権を尊重しています。Metroの公民権プログラムに関する情報について、または差別苦情フォームを入手するには、www.oregonmetro.gov/civilrights。までお電話ください。公開会議で言語通訳を必要とされる方は、Metroがご要望に対応できるよう、公開会議の5営業日前までに503-797-1700（平日午前8時～午後5時）までお電話ください。

សេចក្តីជូនដំណឹងអំពីការមិនរើសអើងរបស់ Metro

ការគោរពសិទ្ធិពលរដ្ឋរបស់ ១ សំរាប់ព័ត៌មានអំពីកម្មវិធីសិទ្ធិពលរដ្ឋរបស់ Metro ឬដើម្បីទទួលបានពាក្យបណ្តឹងរើសអើងសូមចូលទស្សនាគេហទំព័រ www.oregonmetro.gov/civilrights។
បើលោកអ្នកត្រូវការអ្នកបកប្រែភាសានៅពេលអង្គប្រជុំសាធារណៈ សូមទូរស័ព្ទមកលេខ 503-797-1700 (ម៉ោង 8 ព្រឹកដល់ម៉ោង 5 ល្ងាច ថ្ងៃធ្វើការ) ប្រាំពីរថ្ងៃ ថ្ងៃធ្វើការ មុនថ្ងៃប្រជុំដើម្បីអាចឲ្យគេសម្រួលតាមសំណើរបស់លោកអ្នក ។

إشعار بعدم التمييز من Metro

تحتزم Metro الحقوق المدنية. للمزيد من المعلومات حول برنامج Metro للحقوق المدنية أو لإيداع شكوى ضد التمييز، يُرجى زيارة الموقع الإلكتروني www.oregonmetro.gov/civilrights. إن كنت بحاجة إلى مساعدة في اللغة، يجب عليك الاتصال مقدماً برقم الهاتف 503-797-1700 (من الساعة 8 صباحاً حتى الساعة 5 مساءً، أيام الاثنين إلى الجمعة) قبل خمسة (5) أيام عمل من موعد الاجتماع.

Paunawa ng Metro sa kawalan ng diskriminasyon

Iginagalang ng Metro ang mga karapatang sibil. Para sa impormasyon tungkol sa programa ng Metro sa mga karapatang sibil, o upang makakuha ng porma ng reklamo sa diskriminasyon, bisitahin ang www.oregonmetro.gov/civilrights. Kung kailangan ninyo ng interpreter ng wika sa isang pampublikong pulong, tumawag sa 503-797-1700 (8 a.m. hanggang 5 p.m. Lunes hanggang Biyernes) lima araw ng trabaho bago ang pulong upang mapagbigyan ang inyong kahilingan.

Notificación de no discriminación de Metro

Metro respeta los derechos civiles. Para obtener información sobre el programa de derechos civiles de Metro o para obtener un formulario de reclamo por discriminación, ingrese a www.oregonmetro.gov/civilrights. Si necesita asistencia con el idioma, llame al 503-797-1700 (de 8:00 a. m. a 5:00 p. m. los días de semana) 5 días laborales antes de la asamblea.

Уведомление о недопущении дискриминации от Metro

Metro уважает гражданские права. Узнать о программе Metro по соблюдению гражданских прав и получить форму жалобы о дискриминации можно на веб-сайте www.oregonmetro.gov/civilrights. Если вам нужен переводчик на общественном собрании, оставьте свой запрос, позвонив по номеру 503-797-1700 в рабочие дни с 8:00 до 17:00 и за пять рабочих дней до даты собрания.

Avizul Metro privind nediscriminarea

Metro respectă drepturile civile. Pentru informații cu privire la programul Metro pentru drepturi civile sau pentru a obține un formular de reclamație împotriva discriminării, vizitați www.oregonmetro.gov/civilrights. Dacă aveți nevoie de un interpret de limbă la o ședință publică, sunați la 503-797-1700 (între orele 8 și 5, în timpul zilelor lucrătoare) cu cinci zile lucrătoare înainte de ședință, pentru a putea să vă răspunde în mod favorabil la cerere.

Metro txoj kev ntxaug daim ntawv ceeb toom

Metro tributes cai. Rau cov lus qhia txog Metro txoj cai kev pab, los yog kom sau ib daim ntawv tsis txaus siab, mus saib www.oregonmetro.gov/civilrights. Yog hais tias koj xav tau lus kev pab, hu rau 503-797-1700 (8 teev sawv ntxov txog 5 teev tsaus ntuj weekdays) 5 hnub ua hauj lwm ua ntej ntawm lub rooj sib tham.

Regional emergency transportation routes (ETR) update | Phase 2

Prioritizing and tiering the network routes

Disasters, both natural and human-caused, can happen anytime, and the transportation system needs to be prepared to withstand them and support lifesaving and life-sustaining activities.

Project overview

New technology, data and mapping have greatly expanded the region's understanding of potential hazard risks, including earthquakes, wildfires, landslides, floods, volcanoes and other extreme weather events.

Coordinated emergency management planning helps mitigate the risks these hazards pose to the public health and safety of communities and the region's economic prosperity and quality of life. Identifying emergency transportation routes is a critical element of emergency preparedness for the region.

First designated in 1996, regional Emergency Transportation Routes (ETRs) are travel routes that, in case of a major regional emergency or natural disaster, would be prioritized for rapid damage assessment and debris-removal to aid the movement of first responders, people who need medical care, fuel, supplies and equipment.

Outcomes from Phase 1

From 2019 to 2021, Metro partnered with the Regional Disaster Preparedness Organization (RDPO) on the first phase of the project to reassess and update the designated RETRs for the five-county Portland-Vancouver metropolitan region, which includes Clackamas, Columbia, Multnomah and Washington counties in Oregon and Clark County in Washington. Before that, the last update occurred in 2006.

The primary outcome of the first phase was a regionally-accepted network made up of **1,204 miles over 195 total routes connecting over 75% of state and regional critical infrastructure and essential facilities.**



There were 89 new routes totaling 305 miles added to the network. Visit the [RDPO project page](#) to view the route maps and detailed regional ETR data charts.

Criteria across the following three dimensions were used to identify the best regional routes for emergency response during a seismic event

- **Connectivity and access** to regional assets and from state to local routes
- **Route infrastructure resilience** to multiple natural hazards
- **Equitable access** to vulnerable and isolated communities

Desired outcome for Phase 2

This second planning phase will build on the previous work on regional ETRs by developing a tiering methodology and prioritization framework to inform which routes among the identified regional ETRs should be evaluated, cleared and opened first, next and last in a catastrophic scenario; and to guide on-going maintenance and capital investments to ensure top tier routes are increasingly resilient.



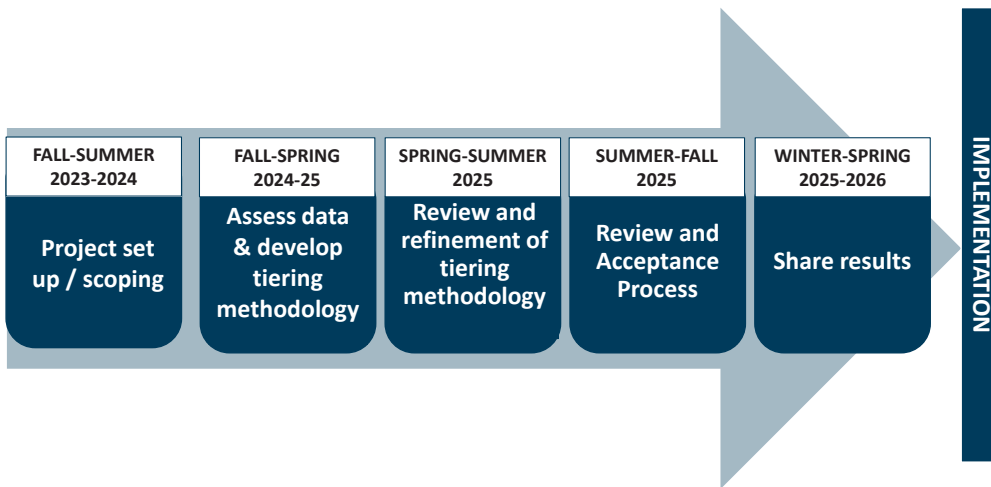
Metro RDPO

Regional Disaster Preparedness Organization



Project timeline and decision-making

Phase 2 scoping began in fall 2023 and the project is expected to be completed in spring 2026. Project recommendations will be brought forward for review and endorsement consideration by regional policymakers, including the RDPO Steering Committee, the RDPO Policy Committee, the Metro Council, Metro Joint Policy Advisory Committee on Transportation (JPACT) and the Southwest Regional Transportation Council (RTC).



Project phases

- **Fall 2023 to summer 2024:** Project set up and scoping
- **Fall 2024 to spring 2025:** Assess data and develop tiering methodology
- **Spring to summer 2025:** Review and refinement of tiering methodology
- **Summer to fall 2025:** Review and acceptance process
- **Winter 2025 to spring 2026:** Share results

Partnerships and collaboration

The regional ETR update project is co-led by the Regional Disaster Preparedness Organization (RDPO) at the City of Portland and Metro and will be supported by a number of local, regional and state partners, as well as a consultant.

As in Phase 1, Phase 2 will rely on existing RDPO and Metro technical committees and working groups, as well as briefings to county-level technical coordinating committees to engage individual cities within each county in a coordinated manner.

Other agencies and groups will be engaged and consulted as key stakeholders due to their roles in emergency response and/or critical infrastructure and social services for vulnerable populations, including community-based organizations and RDPO discipline-specific work groups.

This project is a collaboration between public, private and non-profit stakeholders, co-led by the five-county, bi-state Regional Disaster Preparedness Organization (RDPO) and Oregon Metro, the metropolitan planning organization designated by the Governor of Oregon to serve the urban portions of Clackamas, Multnomah and Washington counties.

Funding for this project is being provided by an Urban Areas Security Initiative grant.

Questions?

For more information contact:

Carol Chang

Senior planning coordinator
RDPO
carol.chang@portlandoregon.gov

John Mermin

Senior transportation planner
Oregon Metro
john.mermin@oregonmetro.gov

rdpo.net/emergency-transportation-routes

Materials following this page were distributed at the meeting.



RDPO
REGIONAL DISASTER
PREPAREDNESS ORGANIZATION



Metro

REGIONAL EMERGENCY TRANSPORTATION ROUTES PHASE II

TECHNICAL WORKSHOP 1 | MARCH 10, 2025



WELCOME & INTRODUCTIONS



AGENDA



Welcome &
Introductions



Project
Background



Approach &
Timeline



Breakout
Groups



Report Back



Wrap-Up & Next
Steps

Workshop #1 Objectives

- Introduce the project
- Bring together a broader audience representing more disciplines than we have at our project work group (transportation planning & emergency management)
 - Fire / Emergency Medical Services
 - Law Enforcement
 - Public works / Utilities
- Gather input that will inform development of a methodology for tiering/prioritizing Regional Emergency Transportation Routes to share at 2nd workshop in June



PROJECT BACKGROUND

Emergency Transportation Routes

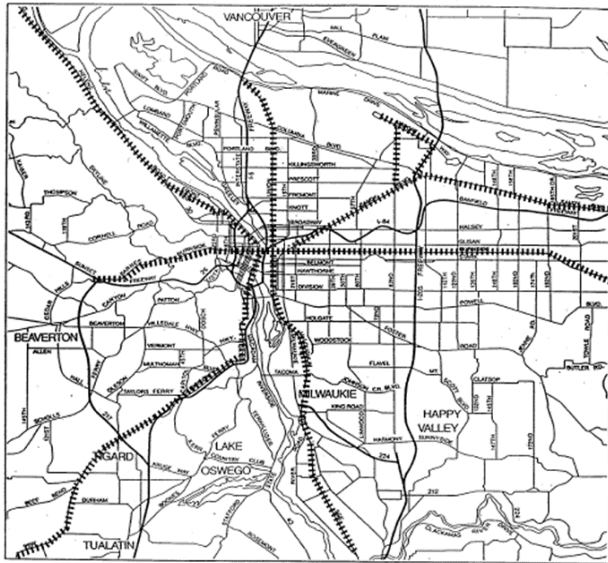
ETRs are priority surface roads targeted during an emergency for:

- rapid damage assessment
- debris clearance or repair
- life-saving and life-sustaining response activities

An ETR designation may also factor into long term maintenance and investment decisions.

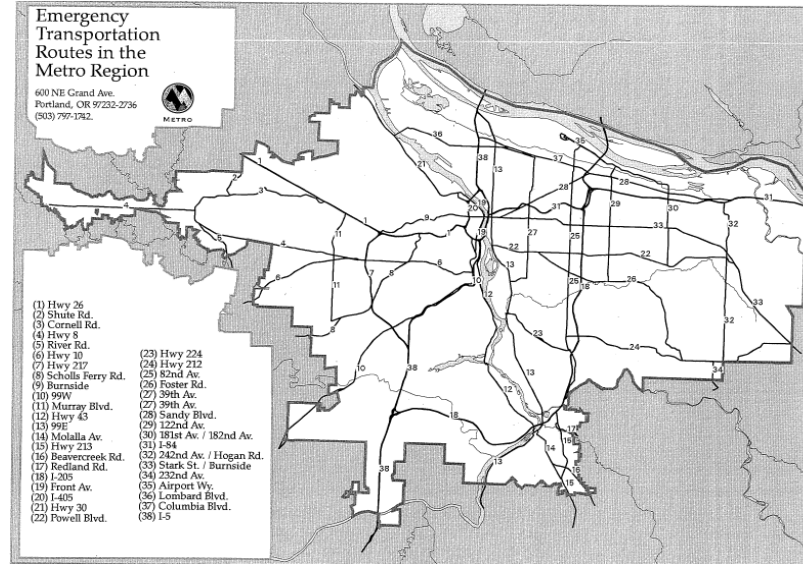
Brief History

Designated Emergency Lifeline Corridors (1994)



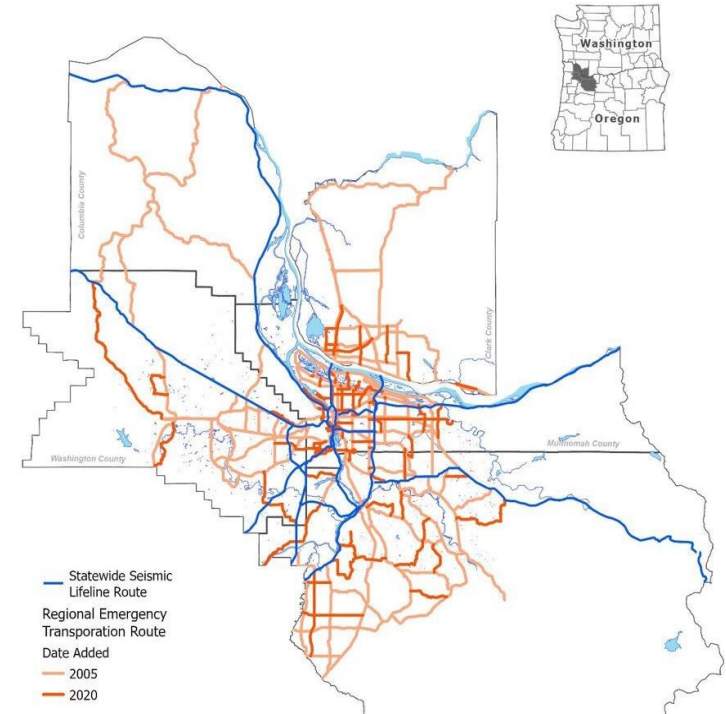
- 3 counties
- 6 routes identified
- Mainly N/S, E/W

Emergency Transportation Routes (1996)



- 3 counties
- First ETRs
- Relatively simple criteria – flat, state owned, low land slide potential

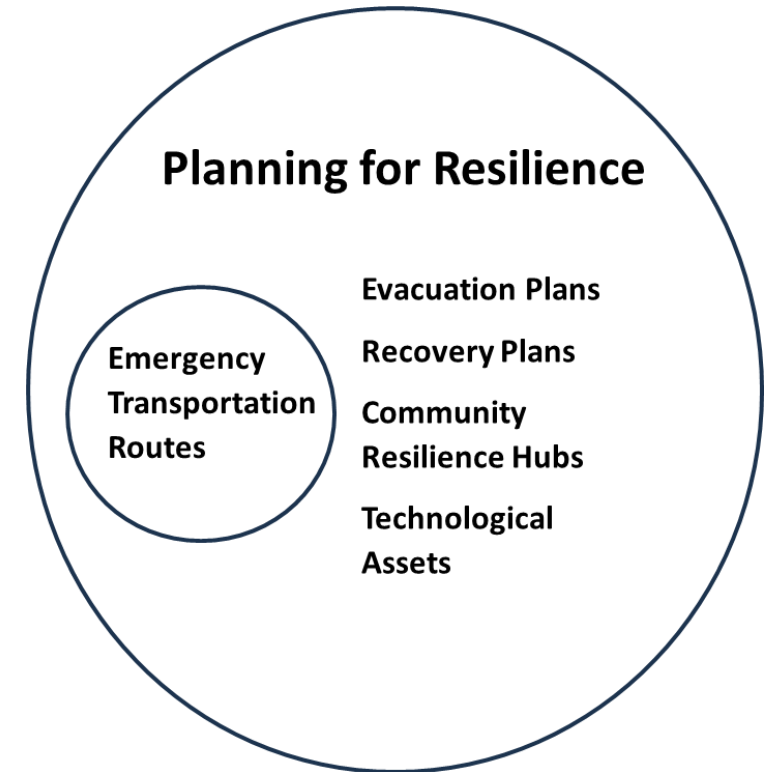
RETRs (2021)



- Expanded to 5 counties
- Considered connectivity & access, route resilience, community & equity

ETR Project Overview

- Joint Metro and RDPO led effort
- Phase 1 work (2019 – 2021) updated the network in 5-county region
- Phase 2 work (2024 – 2026) prioritize and tier network routes (called out in Metro's RTP chapter 8)
 - Data review and assessment
 - Workshops and engagement
 - Develop and apply methodology
- Out of scope - evacuation or recovery planning, establishing operational guidelines, funding decision



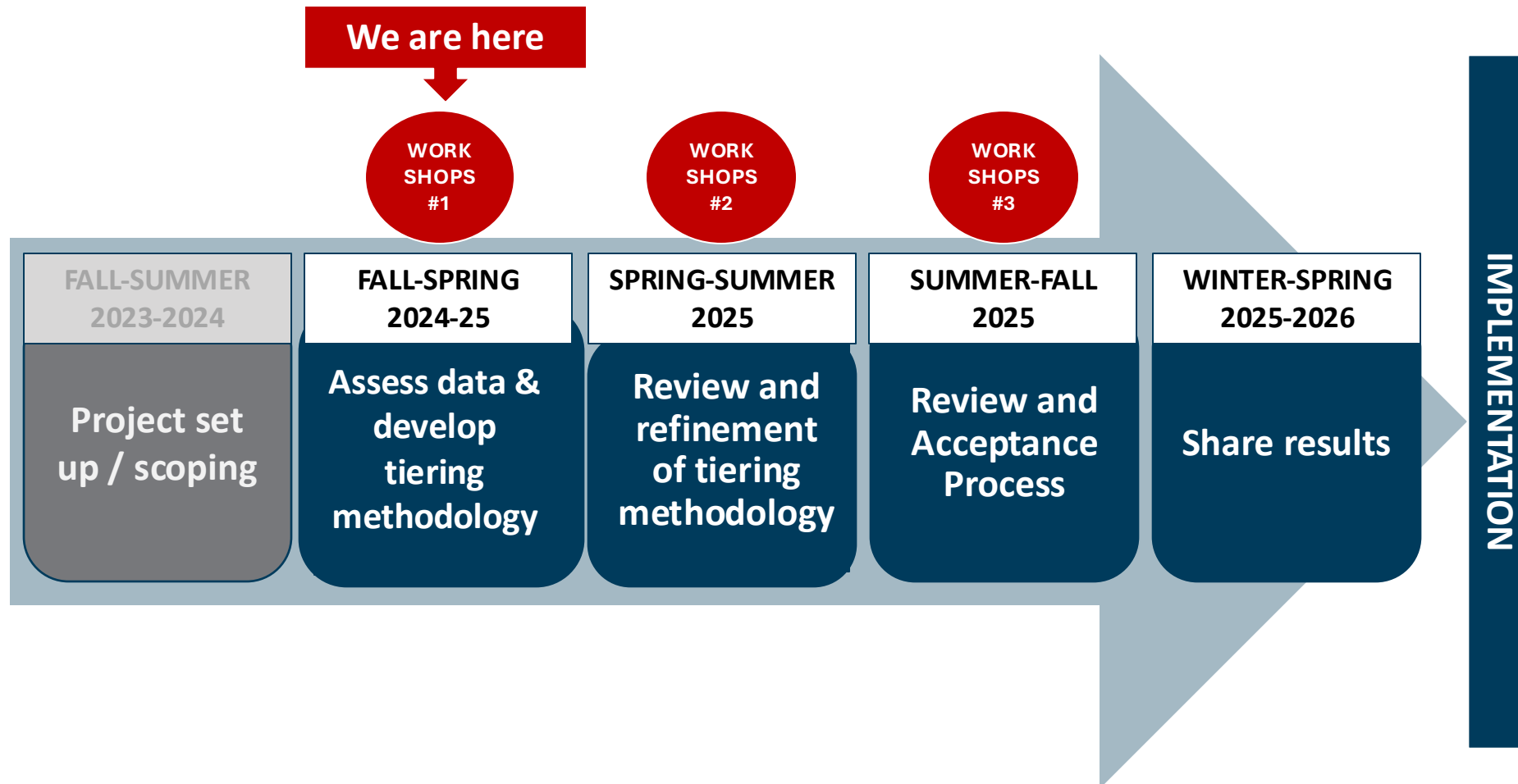


APPROACH & TIMELINE

Methods of Partner Engagement

- Quarterly project work group
- Hold technical workshops to develop and refine prioritization criteria
- Engage community organizations to get input from disaster vulnerable populations
- Tribal Government informal consultation
- Briefings to technical and policy group at Metro (TPAC, MTAC, JPACT, Council) and RDPO committees /work groups

Approach & Timeline





ACTIVITY

Breakout Groups Logistics

- Groups have been sorted into groups of 6-8 people by similar interest/function
- 40 minutes for discussion
- Each group will have a facilitator
- We're asking for a volunteer in each group to report back for your group (~3 mins) when we come together
- Those not participating in small groups are welcome to tune back in after they wrap up to hear the report back

Breakout Groups Discussion

- Ice Breaker: How do you see the ETR designations impacting your work or emergency response processes?
- In the immediate aftermath of a disaster, what roadways do you need open first and why?
- What key locations do you need to get to first?
- What are the biggest logistical challenges in responding to an emergency?
- Who are we missing from these discussions that are part of the initial response decisions and communications?



REPORT BACK

- In the immediate aftermath of a disaster, what roadways do you need open first and why?
- What key locations do you need to get to first?
- What are the biggest logistical challenges in responding to an emergency?



NEXT 3 MONTHS

FOR TECHNICAL WORKSHOPS

- Will share slides and notes
- Project team will draft a prioritization methodology to share at Technical Workshop #2 in June (date to be finalized)

FOR THE PROJECT

- CBO workshop – April 3
- Quarterly project work group meeting – April 10



THANKS FOR ATTENDING!

John Mermin, Metro

john.mermin@oregonmetro.gov

Carol Chang, Regional Disaster Preparedness Organization (RDPO)

carol.chang@portlandoregon.gov