Interstate BRIDGE Replacement Program

Equity Advisory Group

June 21, 2021

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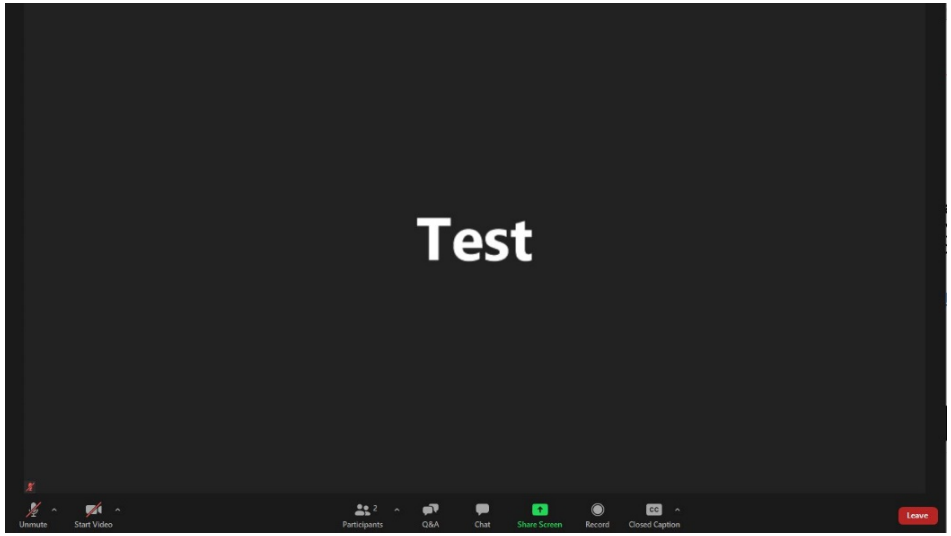

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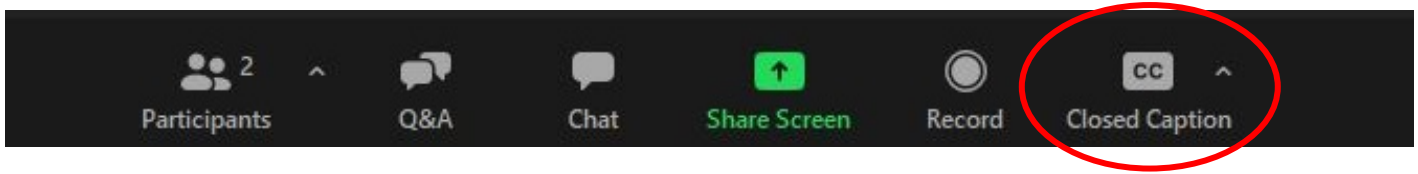


Interstate BRIDGE Replacement Program

Webinar Participation Tips

- Thank you for joining us today!
- Please join audio by either phone or computer, not both. We encourage panelists to turn on your video.
- Please keep your audio on mute when not speaking.
- Please say your name when you begin to speak.
- If you experience technical difficulties, please contact program staff at: (360) 329-6744

Interstate BRIDGE Replacement Program

Public Input Instructions

- **There will be an opportunity to provide brief public input later in the meeting today.**

- **To submit input after the meeting:**
  - Email comments to info@interstatebridge.org with “EAG Public Comment” in the subject line

  - Call 888-503-6735 and state “EAG Public Comment” in your message

Interstate BRIDGE Replacement Program

Today's agenda

- Program Administrator update
- Update on Screening Criteria & Performance Measures
- Data deep dive 2.0
- Equity Framework development: Elements & Timeline
- Public comment
- Wrap up

Program Update

Greg Johnson, Program Administrator

Executive Steering Group Update

May 20 Meeting

- Received information on EAG's work to frame equity on the IBR program
- Reviewed the written federal guidance on including equity and climate in the Purpose and Need, and further details on the IBR approach moving forward
- Provided feedback to the program to share with the Bi-State Legislative Committee
- Next meeting July 15: Update on Climate Framework, Screening Criteria, and Design Options

Community Advisory Group Update

- Staff meet with every CAG member to hear thoughts and experiences with program.
  - Received positive feedback and thoughts on improving processes.
- Approved Community Values & Priorities by consensus at June 3rd meeting.
- Filled vacant at-large position on CAG
- Program listened to CAG provide feedback on what program success looks like for each member & organization. Valuable feedback was heard.
- Next meeting is July 1st: will have screening criteria introduced.

Update: Screening Criteria & Performance Measures

Angela Findley, Environmental Lead

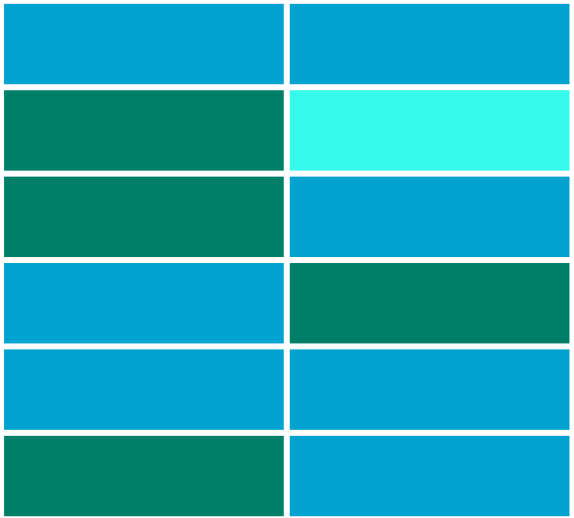
Design Options and Alternatives

- **Design Options**
  - Specific design choices that address physical or contextual changes
  - Will be considered on their own and in relation to other program elements

Option A **Option B**

Option C

- **Alternative**
  - Single combination of design options that, when packaged together, address the identified transportation problems



Interstate BRIDGE Replacement Program

Definitions

- **Program Outcomes**
  - Observable and measurable accomplishments for the IBR program
- **Program-Level Performance Measures**
  - Indicators to measure the IBR program's success over the lifespan of the program
- **Design Option Screening Criteria**
  - Requirements used to assess the trade-offs or potential impacts among the design options considered

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Example 1 - Equity

Outcome Promotes economic empowerment for communities of concern
Performance Measure Percent of construction contract values awarded to DBE firms

Note: because all options include this measure, no design option screening criteria will be used to contrast options.

Definitions

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  - Indicators to measure the IBR program's success over the lifespan of the program
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Example 1 - Equity

Outcome
Promotes economic empowerment for communities of concern

Performance Measure
Percent of construction contract values awarded to DBE firms

Example 2 - Climate

Outcome
Reduce GHG emissions by converting more SOV trips to transit

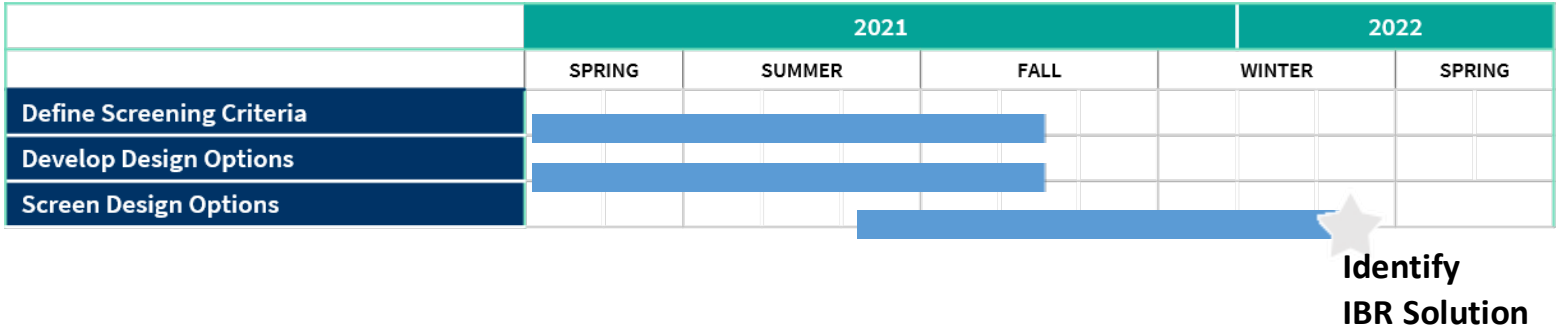
Screening Criteria
- Projected reduction in percent of vehicular traffic on I-5
- Projected increase in transit ridership

Interstate BRIDGE Replacement Program

Applying Your Input

- **What shapes the design option screening criteria?**
  - Equity Framework
  - Climate Framework
  - Proposed changes to the Purpose and Need discussed previously
    - *Example of a screening criteria category:* ***Efficient movement of people and goods***
    - *Example of a screening criterion:* ***Number of low-income households within ½ mile of transit station location***
- **Screening criteria used to evaluate design options**
- **Inform mitigations and other commitments**

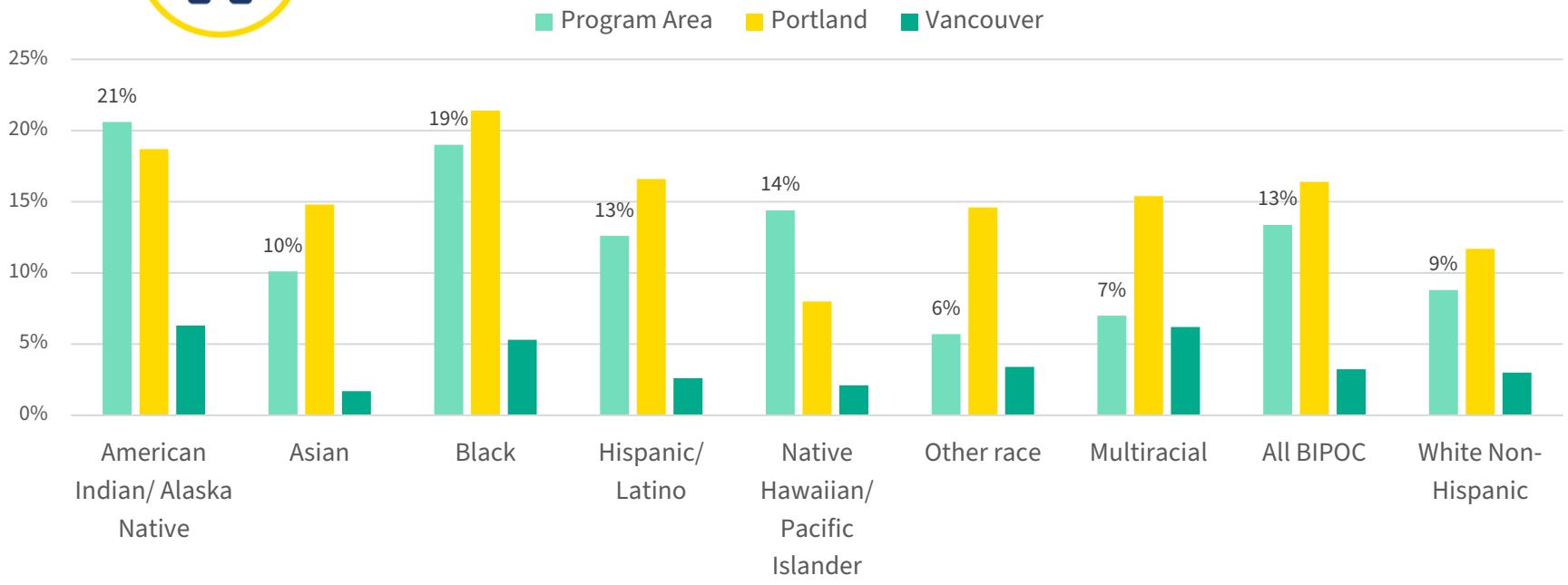
Schedule


2021
2022
SPRING
SUMMER
FALL
WINTER
SPRING
Define Screening Criteria
Develop Design Options
Screen Design Options
Identify
IBR Solution

Data Deep Dive 2.0

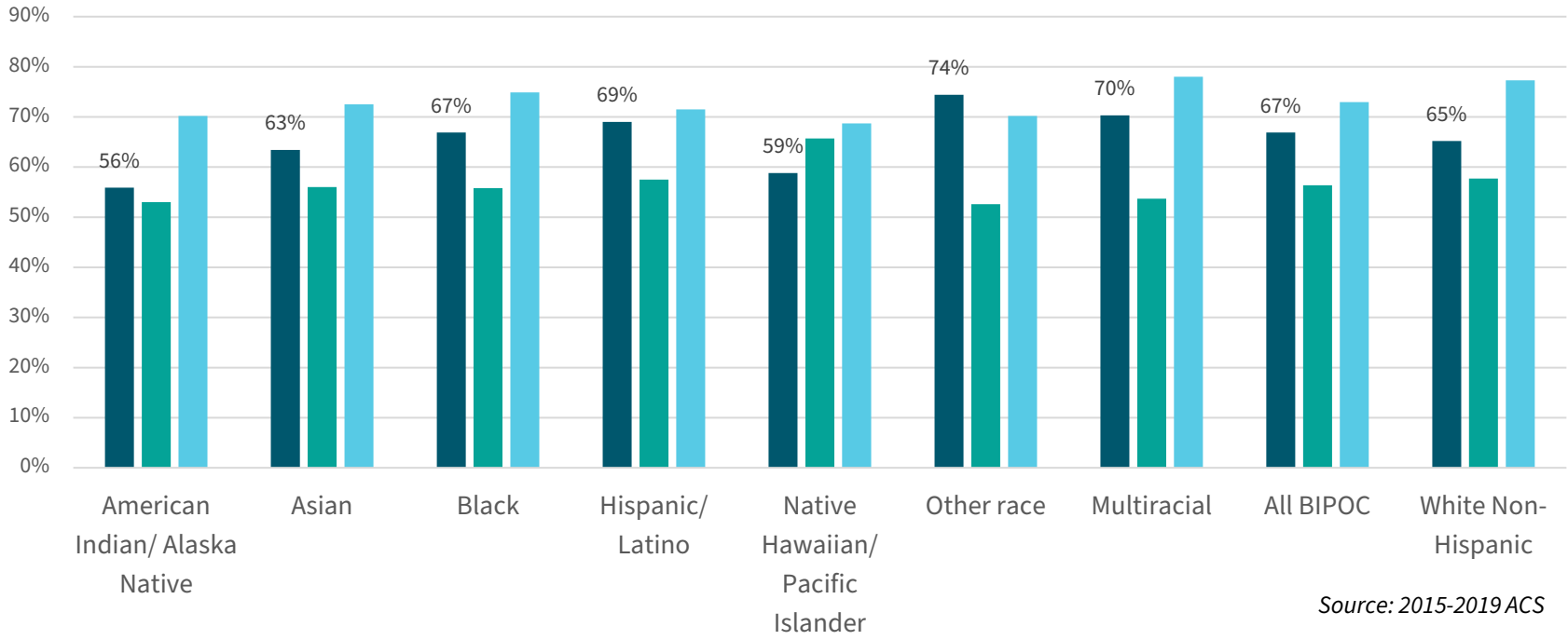
Jake Warr, Equity Lead

Pct commuting by transit, by race/ethnicity

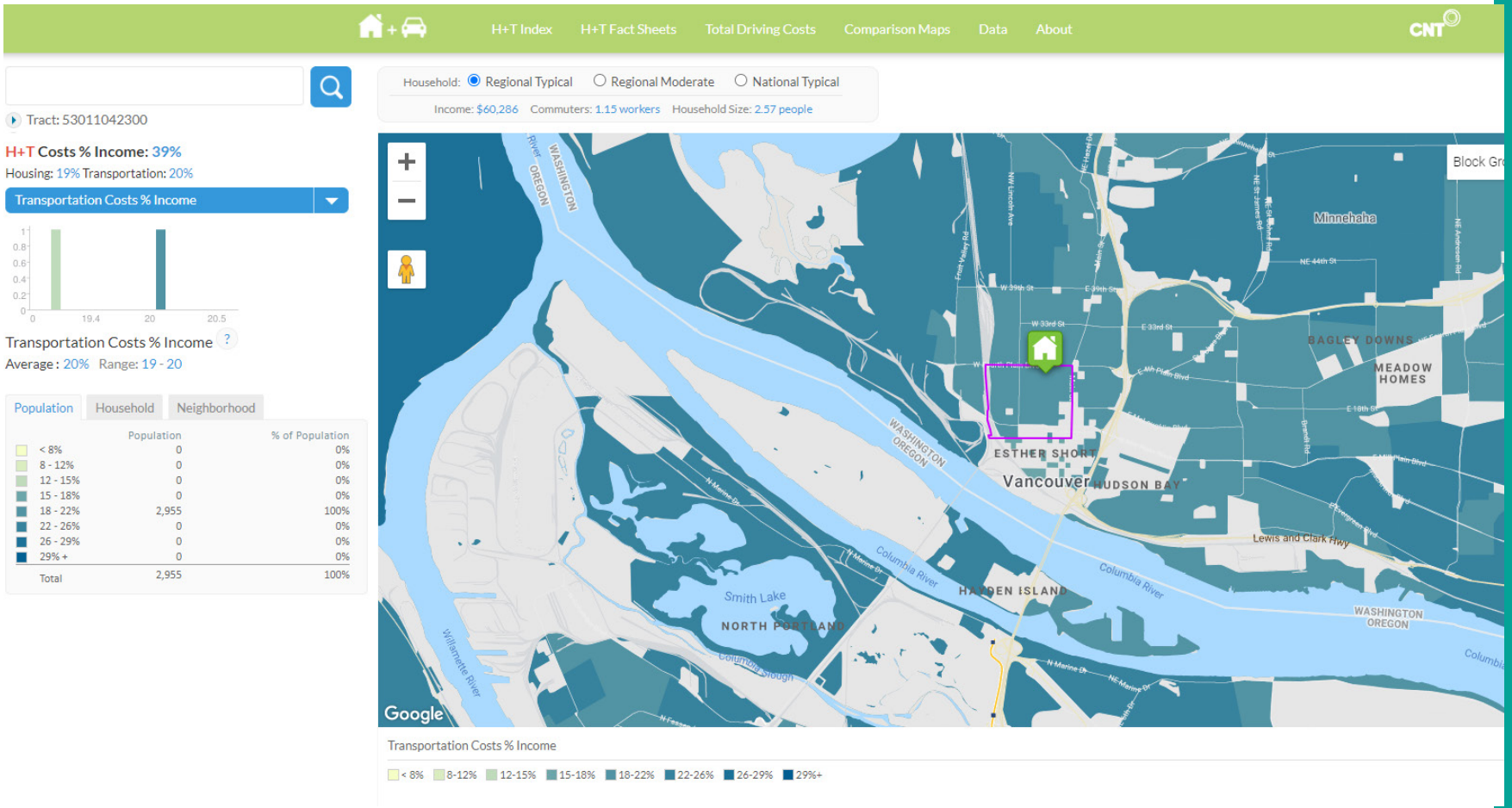


Source: 2015-2019 ACS

Pct driving alone to work, by race/ethnicity



Source: 2015-2019 ACS


H+T Index
H+T Fact Sheets
Total Driving Costs
Comparison Maps
Data
About
CNT
Household: Regional Typical Regional Moderate National Typical
Income: $60,286 Commuters: 1.15 workers Household Size: 2.57 people
Tract: 53011042300
H+T Costs % Income: 39%
Housing: 19% Transportation: 20%
Transportation Costs % Income
Transportation Costs % Income
Average : 20% Range: 19 - 20
Population
Household
Neighborhood
Population
% of Population
< 8% 0 0%
8 - 12% 0 0%
12 - 15% 0 0%
15 - 18% 0 0%
18 - 22% 2,955 100%
22 - 26% 0 0%
26 - 29% 0 0%
29% + 0 0%
Total 2,955 100%
Block Gr
Minnehaha
BAGLEY DOWNS
MEADOW HOMES
ESTHER SHORT
Vancouver
HUDSON BAY
Lewis and Clark Hwy
Columbia River
HAYDEN ISLAND
Smith Lake
NORTH PORTLAND
WASHINGTON
OREGON
Google
Transportation Costs % Income
< 8% 8-12% 12-15% 15-18% 18-22% 22-26% 26-29% 29%+

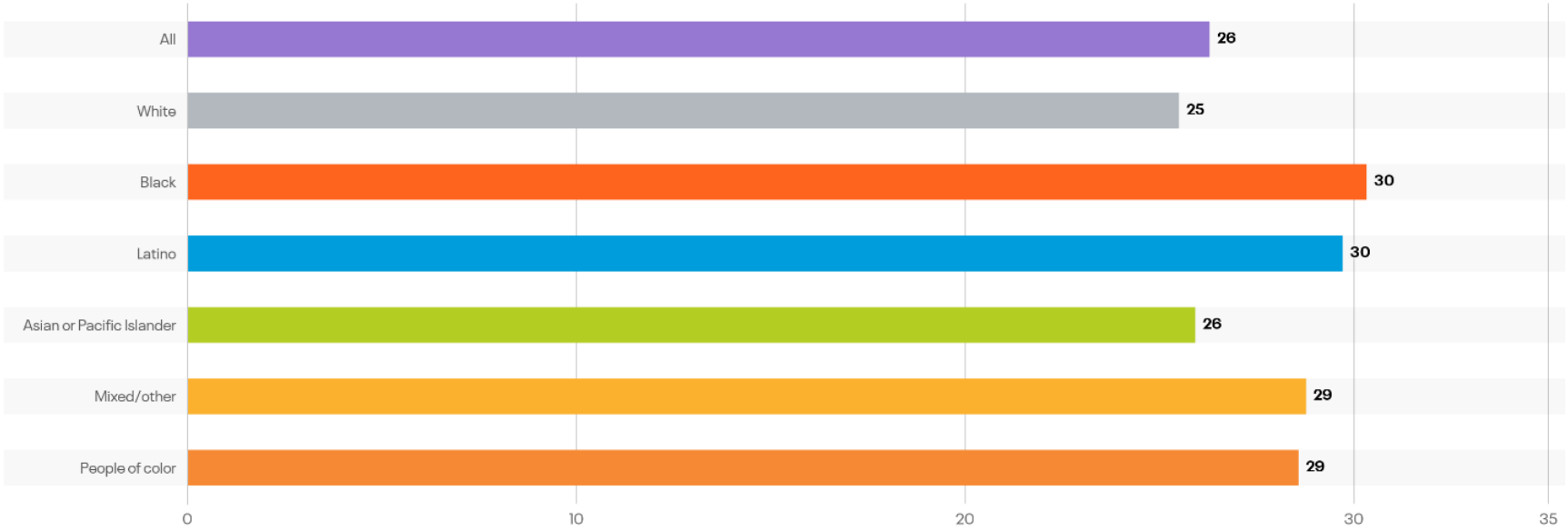
Average Annual Household Transportation Costs as Pct of Area Median Income

Source: CNT H+T Index (2017 Data)

Average Annual Household Transportation Costs

Source: CNT H+T Index (2017 Data)

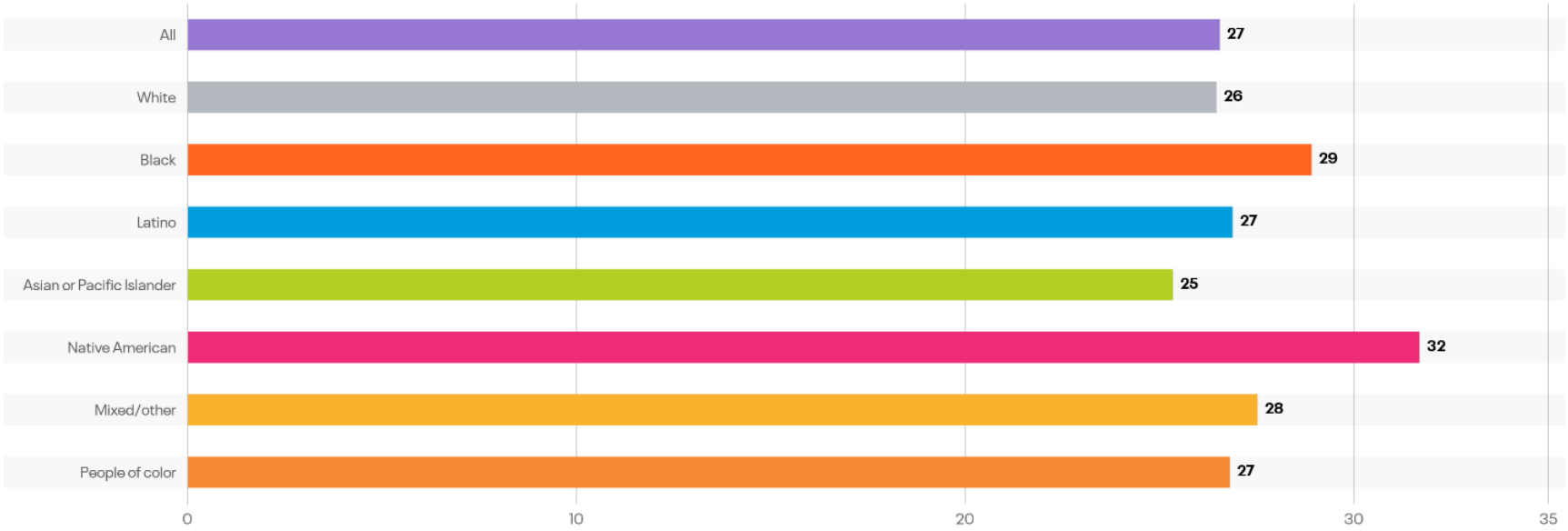
Average travel time to work (minutes) by race/ethnicity: Portland, OR; **Mode:** All modes; **Poverty:** All income levels; **Year:** 2017



Data source: IPUMS USA | National Equity Atlas

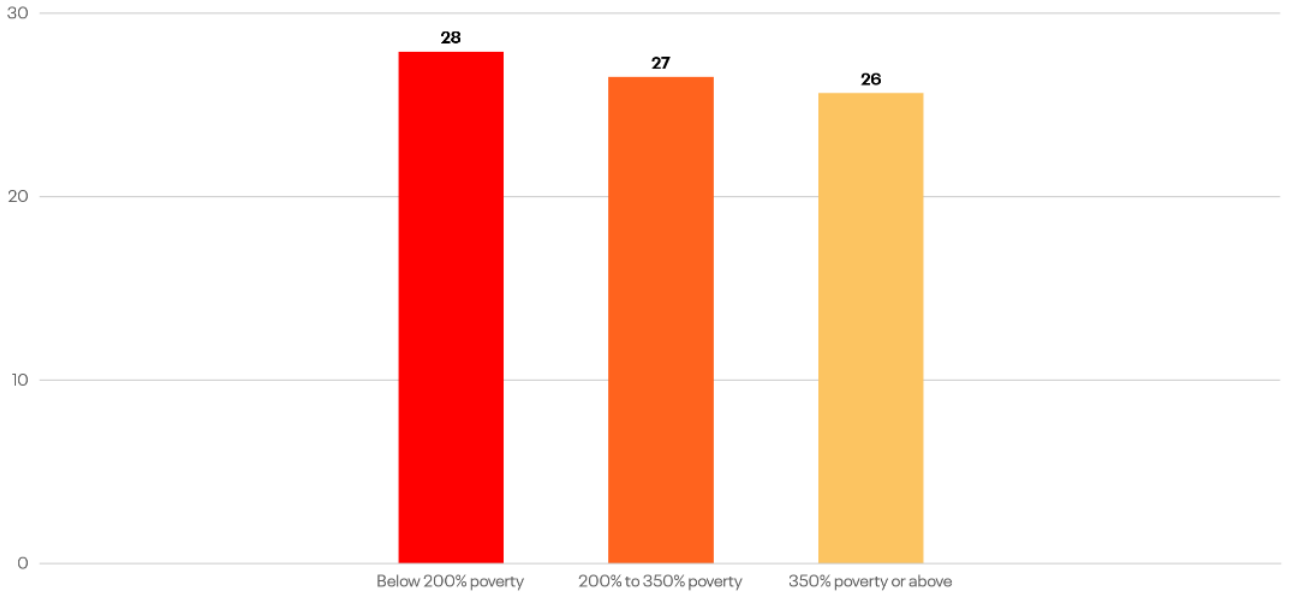
Interstate BRIDGE Replacement Program

Average travel time to work (minutes) by race/ethnicity: Portland-Vancouver-Beaverton, OR-WA; **Mode:** All modes; **Poverty:** All income levels; **Year:** 2017



Data source: IPUMS USA | National Equity Atlas

Average travel time to work (minutes) by poverty: Portland, OR; **Mode:** All modes; **Year:** 2017



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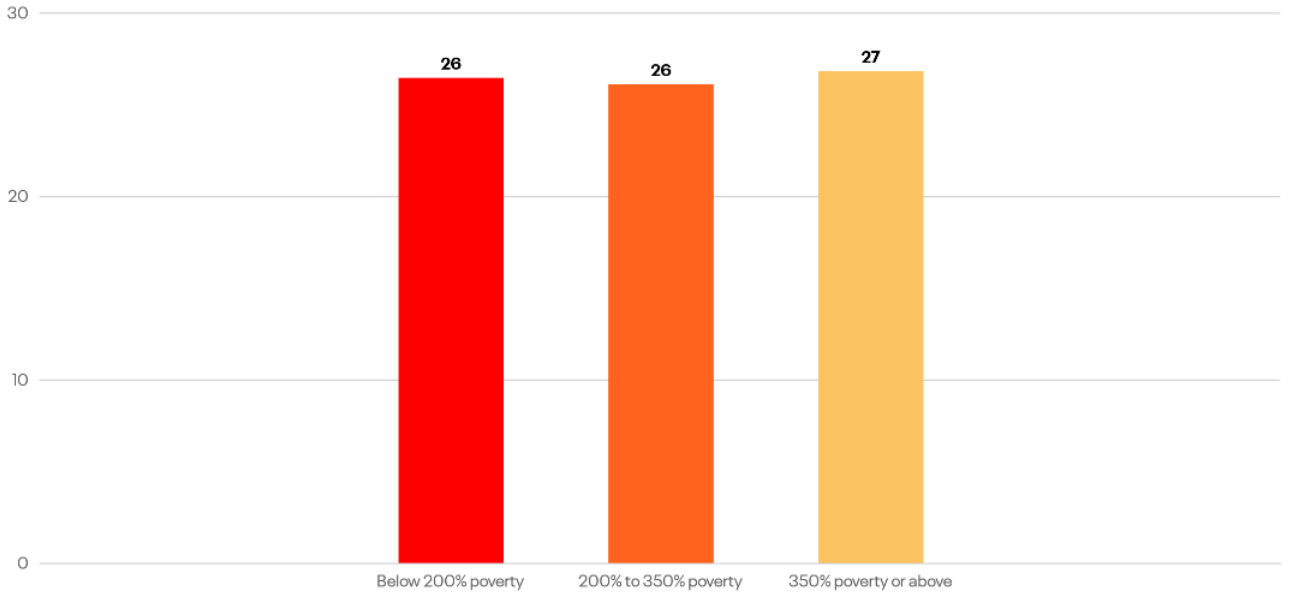
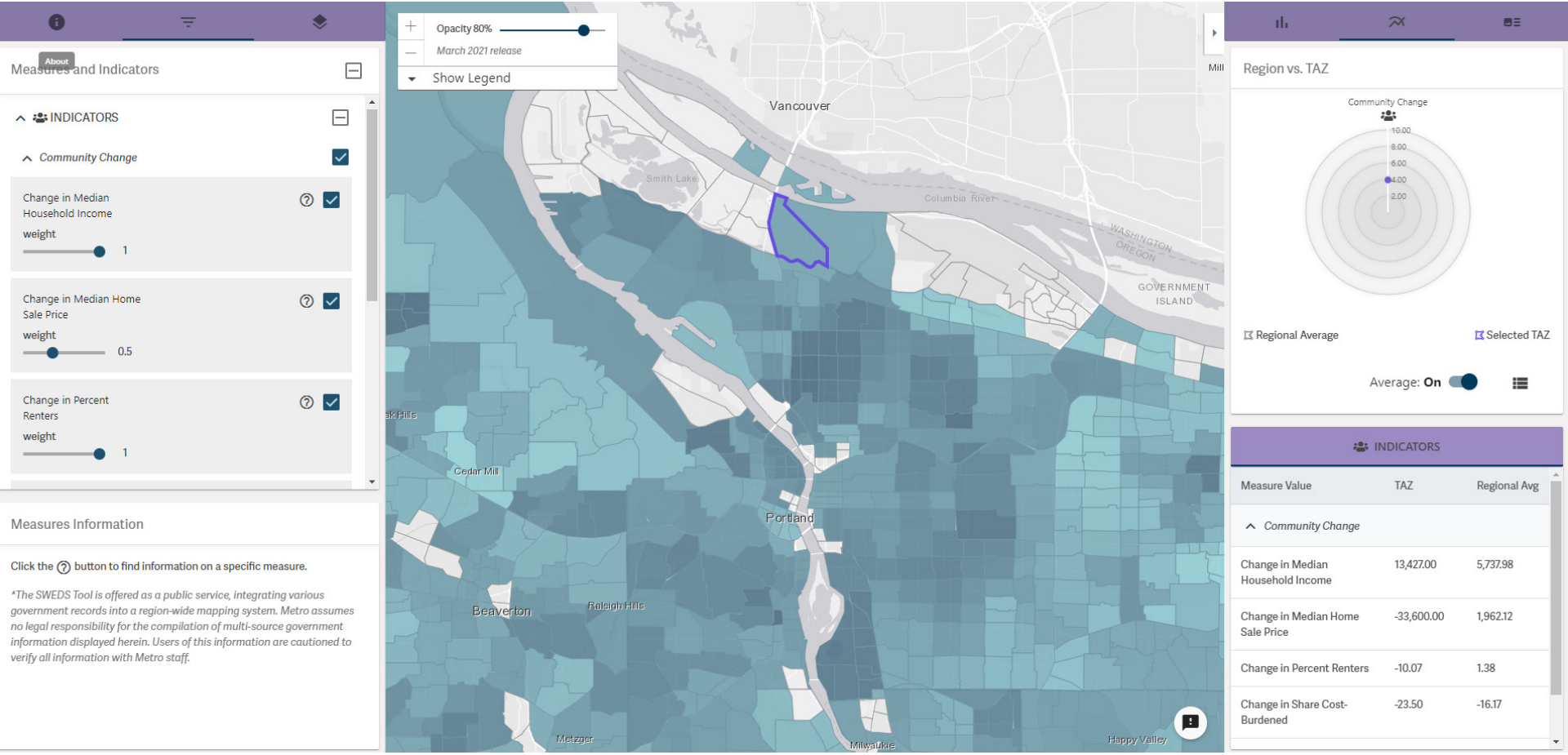
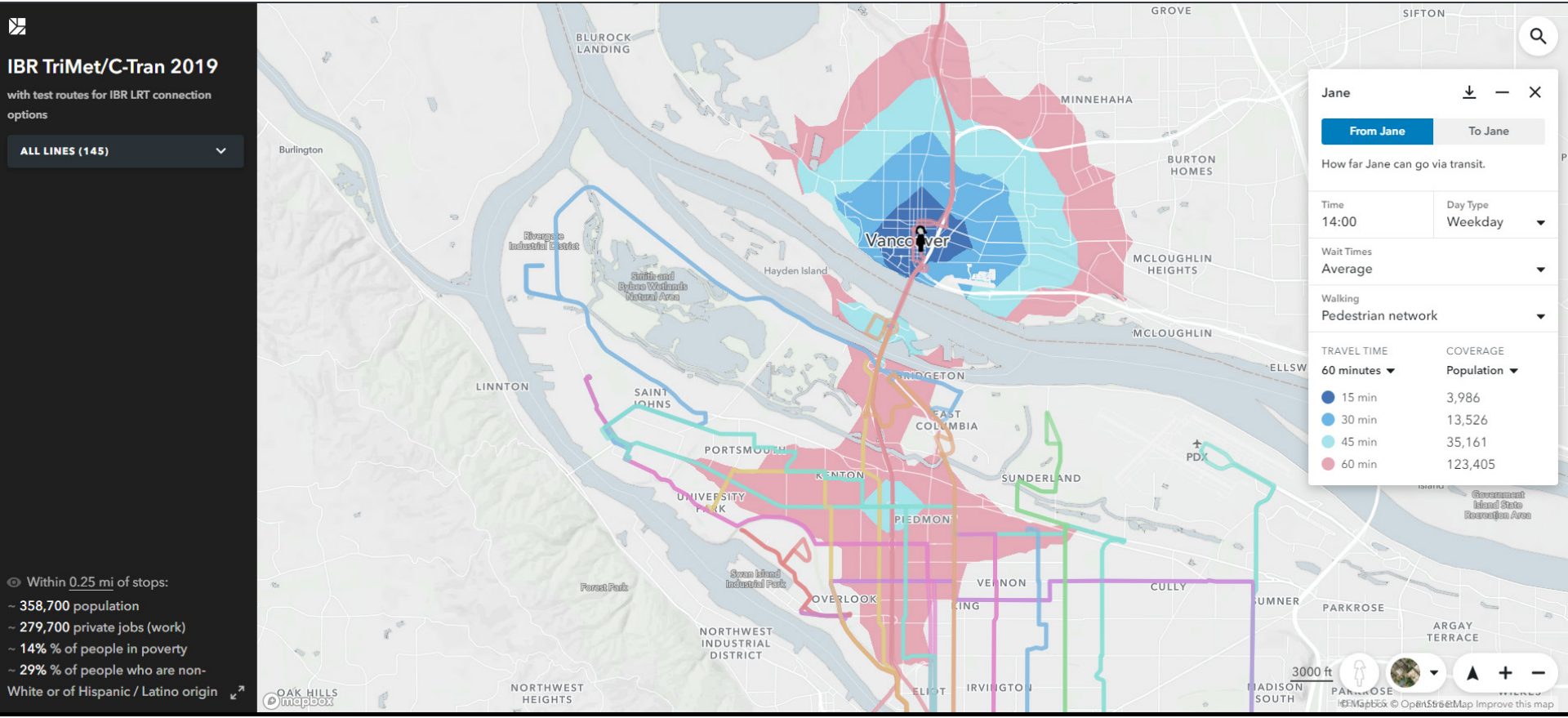
Average travel time to work (minutes) by poverty: Portland-Vancouver-Beaverton, OR-WA; **Mode:** All modes; **Year:** 2017



Data source: IPUMS USA | National Equity Atlas

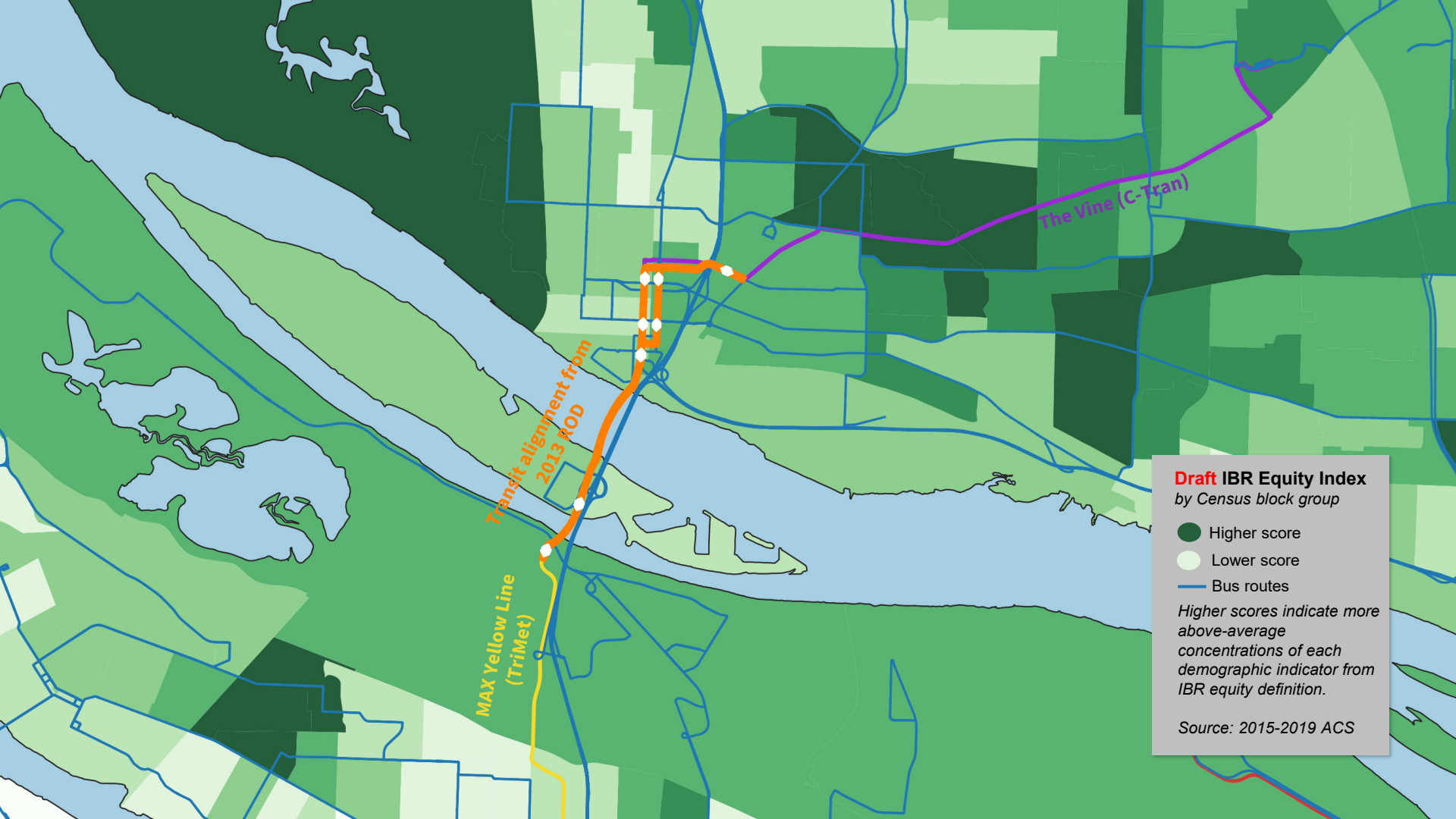
Interstate BRIDGE Replacement Program

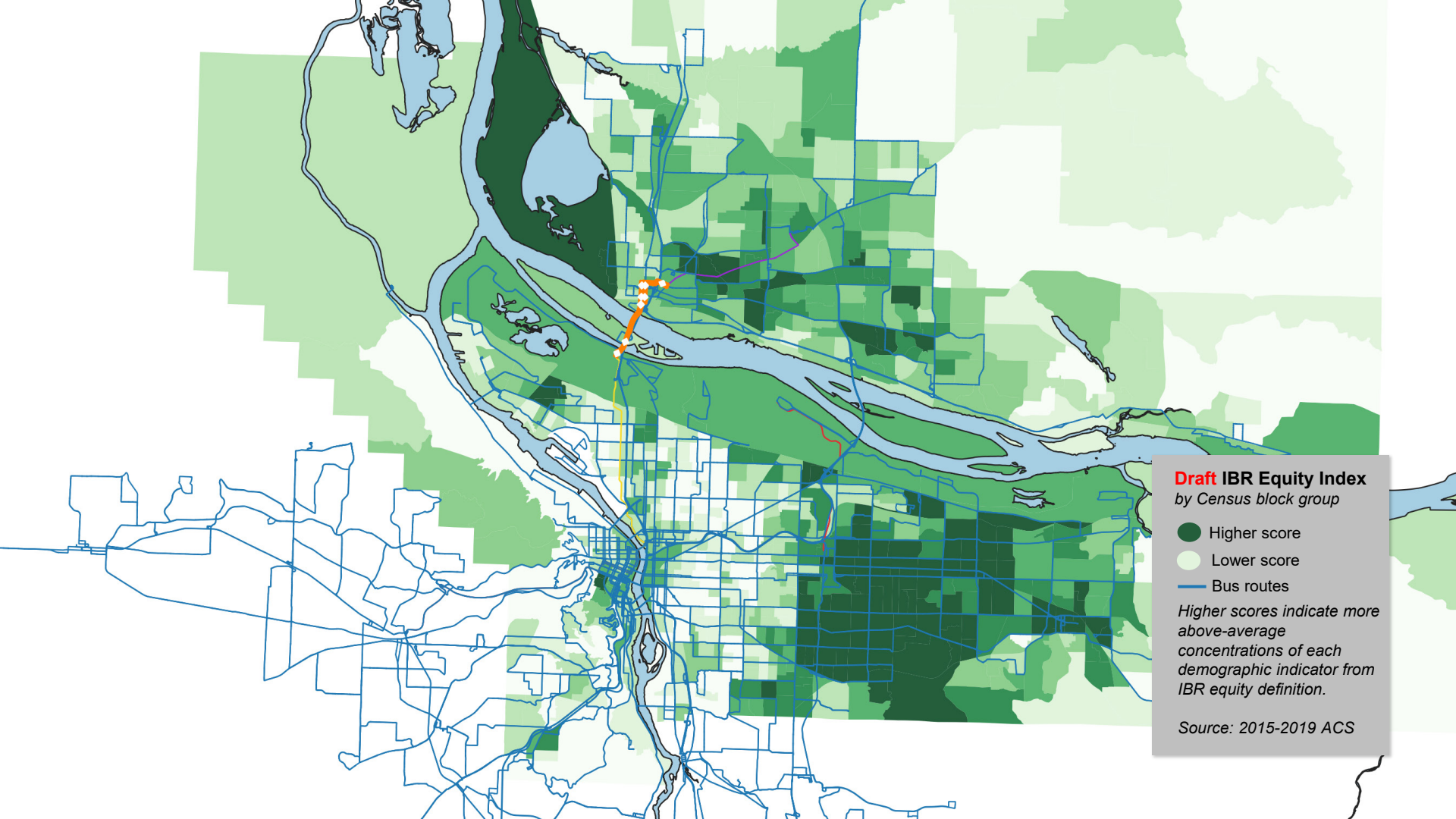

About
Measures and Indicators
INDICATORS
Community Change
Change in Median Household Income
weight
1
Change in Median Home Sale Price
weight
0.5
Change in Percent Renters
weight
1
Measures Information
Click the button to find information on a specific measure.
*The SWEDS Tool is offered as a public service, integrating various government records into a region-wide mapping system. Metro assumes no legal responsibility for the compilation of multi-source government information displayed herein. Users of this information are cautioned to verify all information with Metro staff.
Opacity 80%
March 2021 release
Show Legend
Vancouver
Smith Lake
Columbia River
WASHINGTON
OREGON
GOVERNMENT ISLAND
Cedar Mill
Portland
Beaverton
Raleigh Hills
Metzger
Milwaukie
Happy Valley
Region vs. TAZ
Community Change
10.00
8.00
6.00
4.00
2.00
Regional Average
Selected TAZ
Average: On
INDICATORS
Measure Value
TAZ
Regional Avg
Community Change
Change in Median Household Income
13,427.00
5,737.98
Change in Median Home Sale Price
-33,600.00
1,962.12
Change in Percent Renters
-10.07
1.38
Change in Share Cost-Burdened
-23.50
-16.17


IBR TriMet/C-Tran 2019
with test routes for IBR LRT connection options
ALL LINES (145)
Within 0.25 mi of stops:
~ 358,700 population
~ 279,700 private jobs (work)
~ 14% % of people in poverty
~ 29% % of people who are non-White or of Hispanic / Latino origin
Jane
From Jane
To Jane
How far Jane can go via transit.
Time
14:00
Day Type
Weekday
Wait Times
Average
Walking
Pedestrian network
TRAVEL TIME
60 minutes
COVERAGE
Population
15 min 3,986
30 min 13,526
45 min 35,161
60 min 123,405
Vancouver
BLUROCK LANDING
MINNEHAHA
BURTON HOMES
MCLOUGHLIN HEIGHTS
MCLOUGHLIN
Hayden Island
LINNTON
SAINT JOHNS
EAST COLUMBIA
PORTSMOUTH
KENTON
SUNDERLAND
PDX
UNIVERSITY PARK
PIEDMONT
VERNON
CULLY
OVERLOOK
PARKROSE
ARGAY TERRACE
NORTHWEST INDUSTRIAL DISTRICT
NORTHWEST HEIGHTS
OAK HILLS
IRVINGTON
MADISON SOUTH
Forest Park
Swan Island Industrial Park
Government Island State Recreation Area
3000 ft
© Mapbox © OpenStreetMap Improve this map

Layering demographics based on IBR Equity definition:

- BIPOC communities
- Low-income households
- People with disabilities
- LEP populations
- Immigrants & Refugees
- Older Adults
- Young People


The Vine (C-Tran)
Transit alignment from 2013 ROD
MAX Yellow Line (TriMet)
Draft IBR Equity Index
by Census block group
Higher score
Lower score
Bus routes
Higher scores indicate more above-average concentrations of each demographic indicator from IBR equity definition.
Source: 2015-2019 ACS


Draft IBR Equity Index
by Census block group
Higher score
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Bus routes
Higher scores indicate more above-average concentrations of each demographic indicator from IBR equity definition.
Source: 2015-2019 ACS

What about…

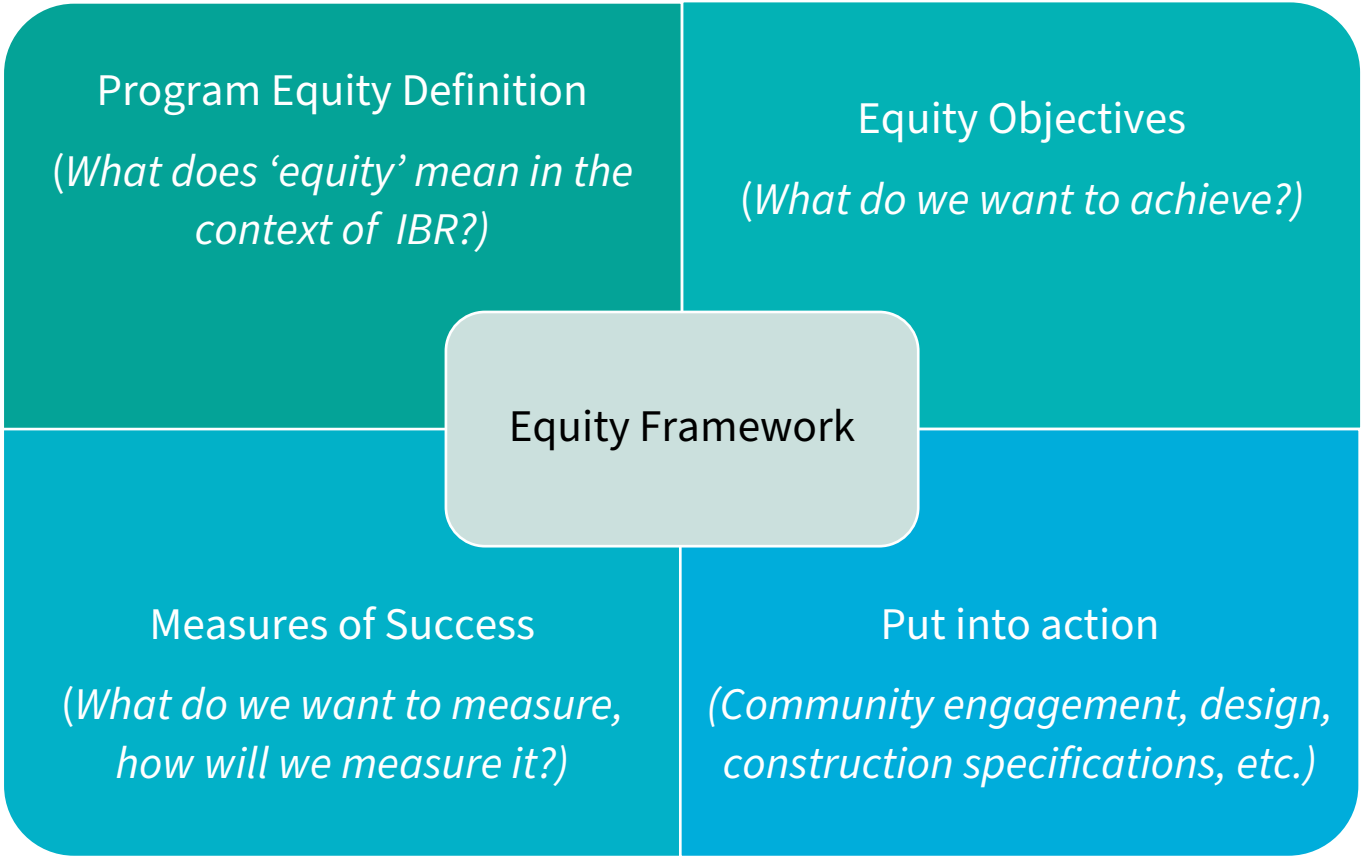
- **Disaggregated origin/destination data?**
  - Available O/D data does not capture this, will require some assumptions after combining with demographics
  - Commutes between census blocks by wage levels, age, and some industry classifications is available, analysis in progress
- **Figures for people with disabilities?**
  - No available census/ACS data cross-tabulating transportation and disability
  - Transit agency surveys? Other recommendations?

Equity Framework Development

Chris Lepe, IBR Equity Panel

Equity Framework Development: Purpose

- **What does it mean to achieve equity through the Interstate Bridge Replacement Program, & how will we achieve it?**
  - An essential step of the IBR equity advancement strategy is to develop an Equity Framework to provide a shared understanding of what the Program seeks to achieve and how it will be achieved. The Framework identifies the steps the Program will take to advance equity, including emphasis on both process and outcomes.


Program Equity Definition
(What does 'equity' mean in the context of IBR?)
Equity Objectives
(What do we want to achieve?)
Equity Framework
Measures of Success
(What do we want to measure, how will we measure it?)
Put into action
(Community engagement, design, construction specifications, etc.)

Draft Equity Framework Outline - Key Elements (Overview)

1. Context/background
2. Equity Definition
3. Operationalizing Equity
    a. Equity Objectives
    b. Measures of success
    c. Activities
4. Glossary
5. Authors and Contributors

1. Context/background

- Introduction/Purpose of the Framework
- Historic context
- IBR program equity commitment
- Demographic overview

2. Definition of Equity

The Interstate Bridge Replacement program defines equity in terms of both process and outcomes.

Process Equity means that the program prioritizes access, influence, and decision-making power for marginalized and underserved communities throughout the program in establishing objectives, design, implementation, and evaluation of success.

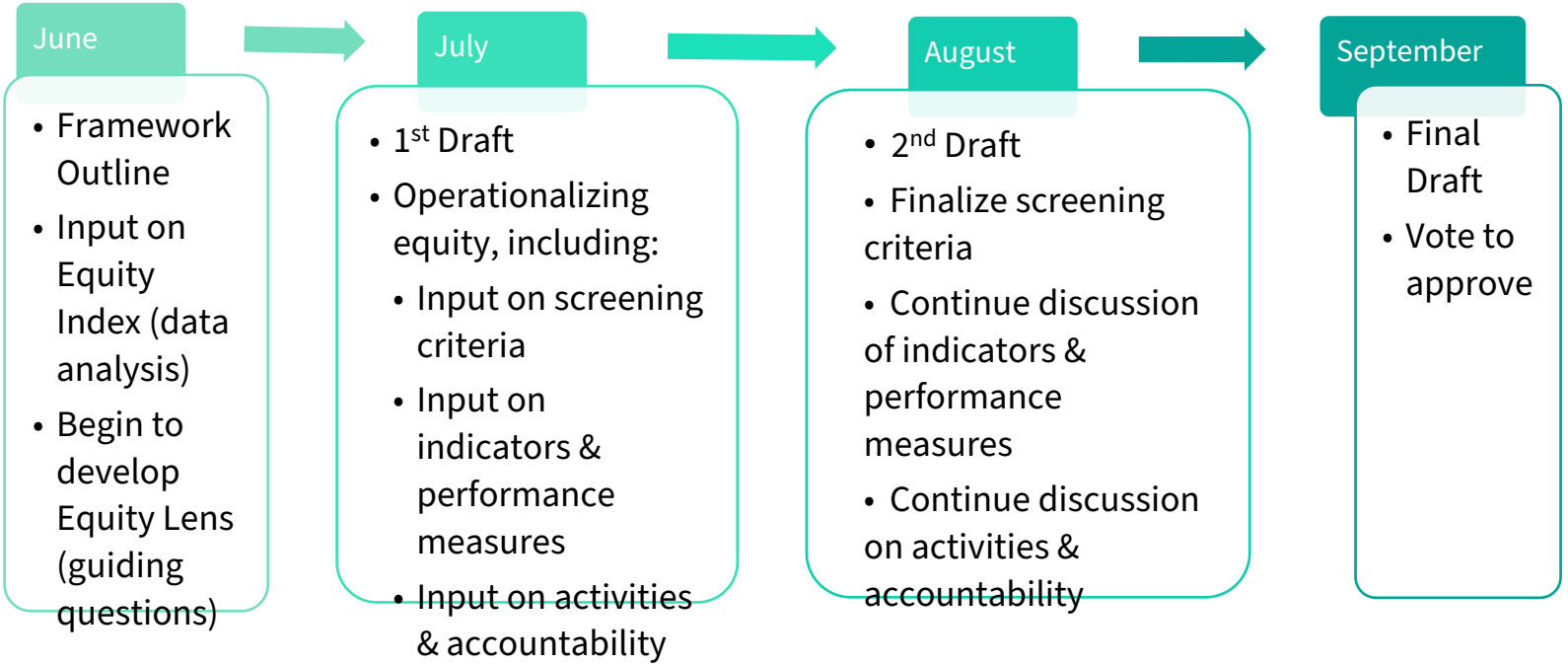
Outcome Equity is the result of successful Process Equity and is demonstrated by tangible transportation and economic benefits for marginalized and underserved communities.

Process Equity & Outcome Equity contribute to addressing the impacts of and removing long standing injustices experienced by these communities.

3. Operationalizing Equity

- Equity Results/Objectives
- Indicators & Performance Measures
  - How will we know we are achieving/making progress towards our equity objectives?
  - Includes NEPA Performance Measures
- Strategies
  - How will we meet the desired indicators?
  - Includes NEPA Screening Criteria
- Activities & Accountability
  - What is the timeline & who is responsible to implement each strategy?
  - Products & tools

Equity Framework Development Schedule



Building a program Equity Lens

- Many frameworks and toolkits include a series of questions that are intended to help think critically about each important step in the process.

- What **questions** should IBR teams be asking when making **key program decisions** to make sure equity is embedded throughout?

Equity Lens Examples

Multnomah County Equity and Empowerment Lens

- People
  - Who is positively and negatively affected (by this issue) and how?
  - Are people traumatized/retraumatized by your issue/decision area?
- Place
  - How are public resources and investments distributed geographically?
- Process
  - How are we meaningfully including or excluding people (communities of color) who are affected?
- Power
  - How is the current issue, policy, or program shifting power dynamics to better integrate voices and priorities of communities of color?

City of Portland Racial Equity Toolkit

OFFICE of EQUITY and HUMAN RIGHTS
CITY OF PORTLAND

- **Step 1: Set Equitable Outcomes** - What are the intended equitable results (in the community) and what community indicators measure those results?
- **Step 2: Collect and Analyze Data** - What are the relevant disparities for communities of color?
- **Step 3: Understand Historical Context** - Will any historical disparities/impacts be a determining factor in the ability to benefit from this proposal?
- **Step 4: Engage Those Most Impacted** - What did they tell you about the potential benefits or burdens resulting from this proposal? Did they identify any unintended consequences?

City of Portland Racial Equity Toolkit

OFFICE of EQUITY and HUMAN RIGHTS
CITY OF PORTLAND

- **Step 5: Develop Racially Equitable Strategies and Confirm/Modify Outcomes** –Given what you have learned, how will the proposal increase and/or decrease racial equity? List tradeoffs if any.
- **Step 6: Implement Changes** - What is the plan for implementation? Resources (budget & staff), engagement, communications, accountability, etc.
- **Step7: Evaluate / Accountability / Report Back** - How will you continue to partner and deepen relationships with communities of color to make sure your proposal is working and sustainable for the long haul?

King County Equity Impact Review

- **Phase 1: Scope** – Identify who will be affected
  - Reach, Intensity, Duration
- **Phase 2: Assess equity and community context**
  - Includes identifying unpotential unintended equity outcomes
- **Phase 3: Analysis and decision process**
  - How will alternative actions differ in improving or worsening current equity conditions?
- **Phase 4: Implement** – Are you staying connected with communities and employees?
  - Are there sufficient monitoring and accountability systems to identify unintended consequences?
- **Phase 5: Ongoing Learning** – Listen, adjust, and co-learn with communities and employees
  - Learn with the community to adjust your action as their priorities and concerns shift

Guiding Questions

What you've recommended previously:

- Are all communities that are affected by this bridge better than before it was replaced?
- Have best practices regarding accessibility been implemented?
- Do targeted outcomes align with past harms?
- Evaluation: what were we able to accomplish for targeted groups?
- Are we hiring responsible contractors with good benefits, labor practices, and DEI policies?

Small Group Discussions

1. Is there anything **missing** from the Equity Framework outline? (7-8 mins)

2. Are there any elements you would **refine and/or change?** (7-8 mins)

3. Equity Lens: What **questions** should IBR teams be asking when making **key program decisions** to make sure equity is embedded throughout? (20 mins)

Small Group Discussion

The EAG members are in breakout rooms. They will return to this webinar momentarily.

Public comment

Comment Instructions

To make a verbal comment:

- To make a live comment via phone, dial: 669 900 6833
  - Meeting ID: 986 0940 5983
  - Passcode: 701376
- Dial *9 to raise your hand
- The facilitator will call on participants to provide comment
- Dial *6 to unmute yourself
- Please provide your name and affiliation.
- Commenters will be given 2 minutes to speak.

If we run out of time and you have not had a chance to speak, you can still provide comments after the meeting.

Interstate BRIDGE Replacement Program

Comment Instructions

To submit comment after the meeting:

- Fill out the comment form on the program website or email your comments to **info@interstatebridge.org** with “EAG Public Comment” in the subject line.

- Call **888-503-6735** and state “EAG Public Comment" in your message.
- Written comments need to explicitly say “**EAG Public Comment**” in the subject line or in the body of the message for them to be identified and distributed to EAG members.
- All written comments must be received prior to 48 hours in advance of each upcoming meeting in order to be distributed to advisory group members. Comments received after that point will be distributed to members in advance of their next meeting.

Interstate BRIDGE Replacement Program

Wrap up

- Takeaways
- Next meeting: Monday July 19, 5:30 – 7:30 p.m.

Interstate BRIDGE Replacement Program

Thank you!