

ETC Enhanced Transit Corridors Plan

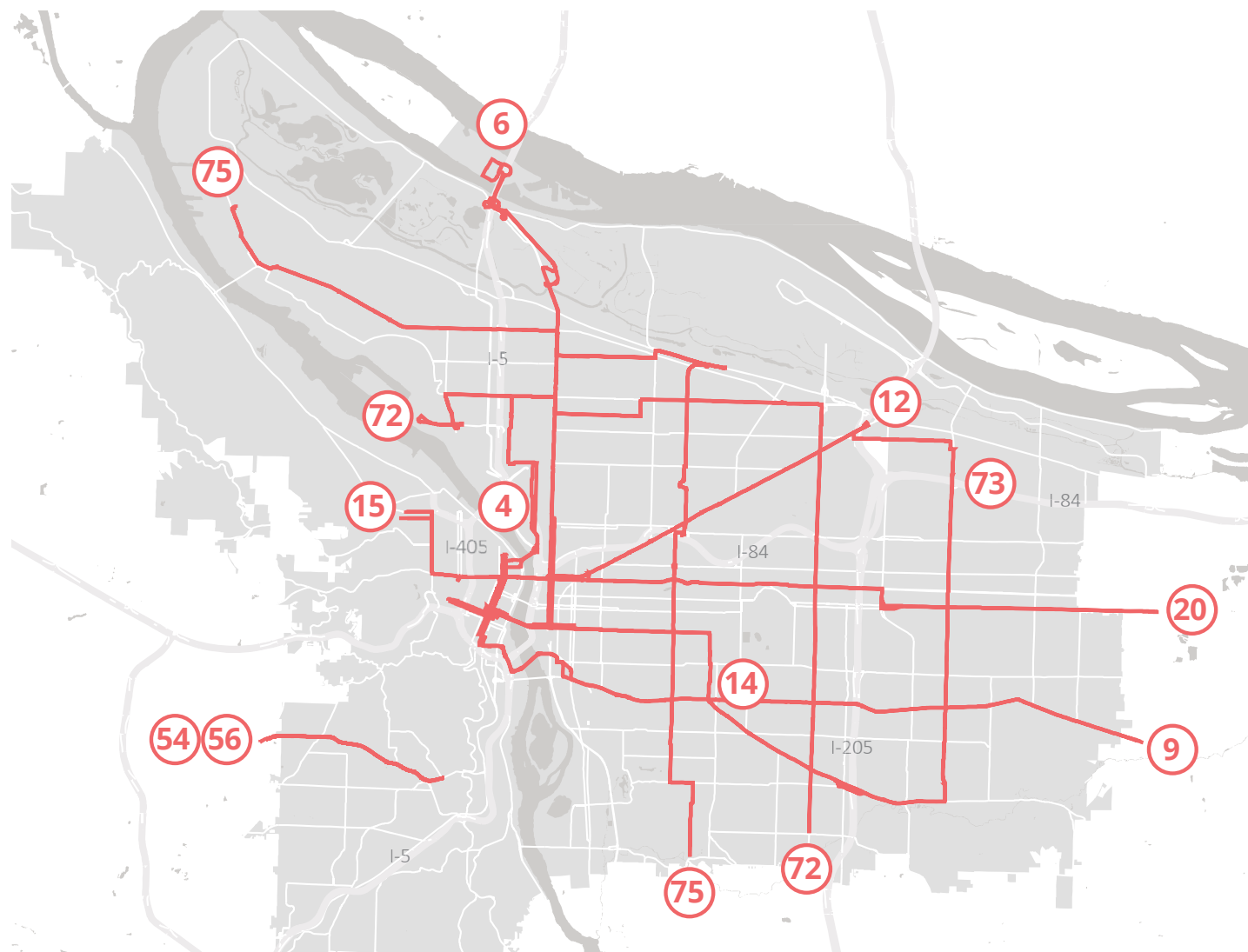
Project Description

The Portland Bureau of Transportation (PBOT) is leading a planning process in coordination with TriMet to develop the Enhanced Transit Corridors Plan. This plan will help identify where transit priority, streamlining, and access treatments could be most beneficial on the planned TriMet Frequent Service network within the City of Portland. Such improvements can help make transit a more attractive and reliable option for people to get to work, school, and to meet their daily needs, especially for people who depend upon transit.

Characteristics of Enhanced Transit

- Increased capacity, reliability and transit travel speed
- Flexible and context sensitive
- Moderate level of capital and operational investment
- Can be deployed relatively quickly

Map of Recommended Candidate Corridors



Source: PBOT Staff recommendation on eleven candidate corridors for Enhanced Transit and selection process (January 18, 2017)

Project Goals and Activities

- Support planned growth in centers and along corridors consistent with the City's Comprehensive Plan update
- Define and identify "Enhanced Transit Corridors" in Portland
- Guide the prioritization of capital and operational investments in Enhanced Transit Corridors
- Establish clear and objective operational performance measures and thresholds to define what success looks like for the most heavily used Frequent Service lines

Initial Evaluation Criteria and Measures

Transit Performance Measures

Average Existing Weekday Transit Trips



This measure is calculated using the Federal Transit Administration (FTA) Warrants ridership methodology.

Reliability



Describes travel speed variability over the course of the day and helps identify the influence of traffic congestion on transit during peak periods. Reliability is defined as the percent difference between the 90th and 10th percentile operating speeds.

Transit Speed



This indicator identifies the overall operating speed and reveals a number of operating deficiencies across all time periods. Transit speed is defined as the 50th percentile average operating speed (exclusive of dwell time) proportional to the posted speed limit along each segment.

Dwell Time



This indicator describes open door time spent at bus stops, and helps to identify the influence of bus stop delay. Dwell time is defined as the 50th percentile dwell time proportional to the 50th percentile overall running time.

Future Growth (2010 – 2035)



Based on the Portland Comprehensive Plan 2035 Growth Scenario, this measure shows aggregated household and job growth between 2010 and 2035 within a quarter mile of a transit line.

Equity



Equity measures the percentage of households in each corridor with people of color, low income (households below 200% of the federal poverty level), and limited English proficiency (LEP) households; the score is a composite index of scores for these three demographic factors.

Website and Contact Info

Visit our website:
www.portlandoregon.gov/transportation/ETCplan

Contact Info:

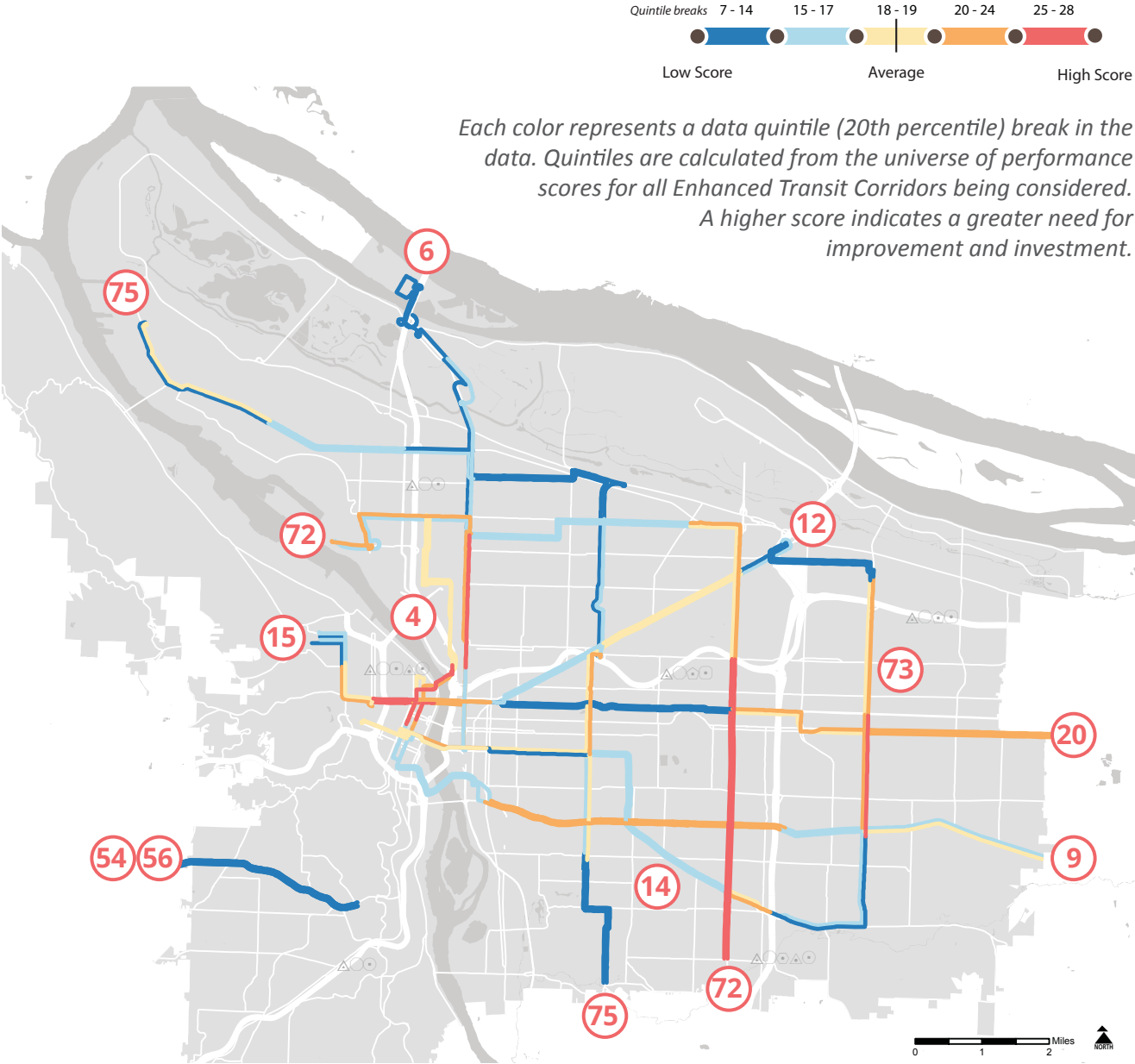
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Total Scores by Corridor Segment

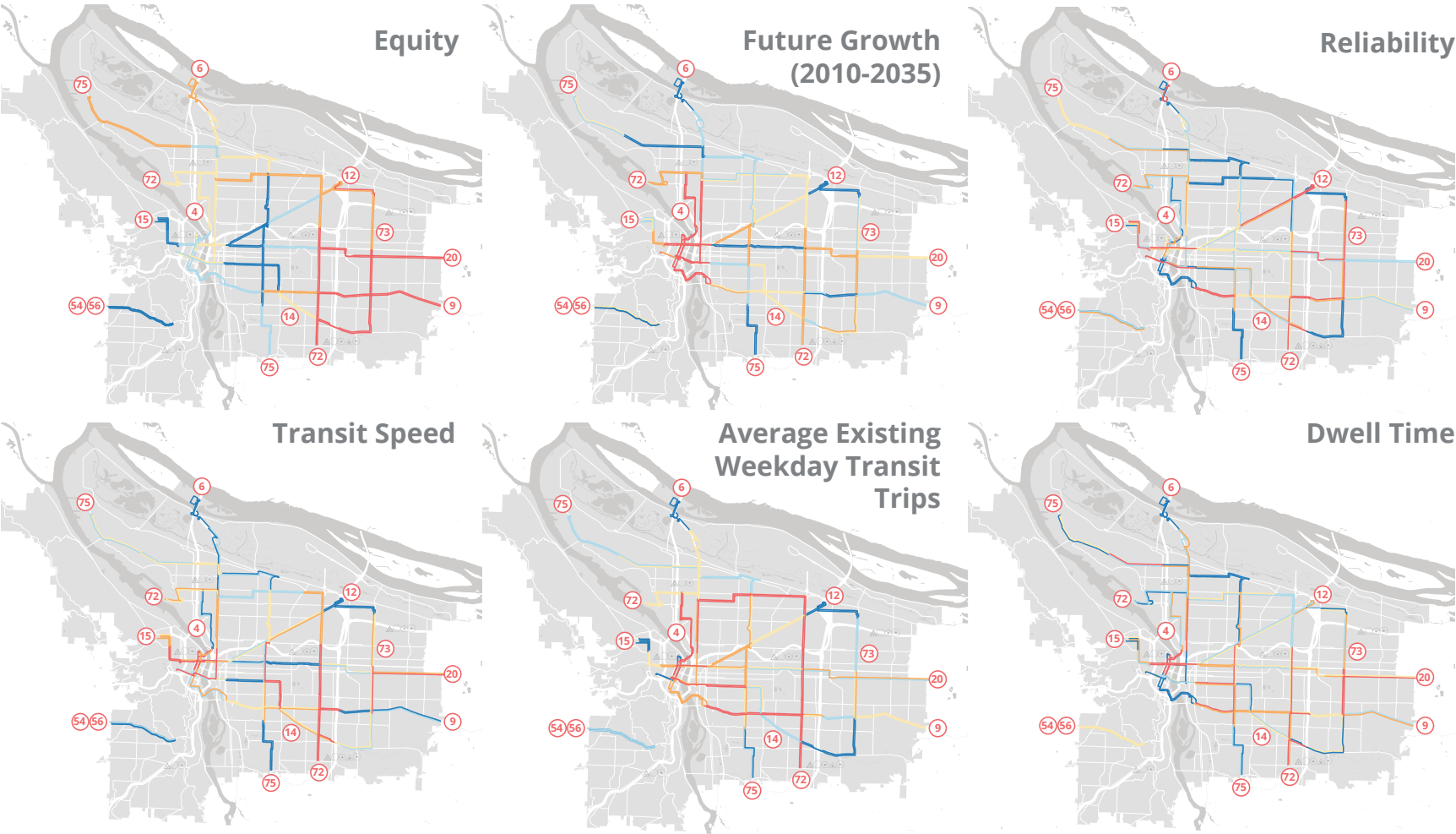
Methodology Total Scores Map



ETC Plan Next Steps

- Select up to three corridors for development of Conceptual Investment Plans
- Identify recommended revisions to existing projects or new projects for Metro’s Regional Transportation Plan (RTP)
- Re~~fine~~ne the methodology to identify, monitor, and prioritize transit lines for Enhanced Transit

Evaluation Results by Individual Criteria



* See reverse side for description of criteria

Top Corridor Segments					
Line	Corridor	Segment	Line	Corridor	Segment
1 72	82nd Ave	SE Flavel to SE Powell	6 9	Powell	SE 82nd to Powell Garage Dr.
2 72	82nd Ave	SE Powell to MAX	8 9	Powell	SE 12th to SE Cesar Chavez
3 73	122nd Ave	E Burnside to SE Powell	8 20	Burnside	NE 12th to NW 15th
4 20	Burnside	NW 5th to NW 19th	10 9	Powell	SE Cesar Chavez to SE 82nd
5 6	MLK	NE Holladay to NE Alberta	10 12	Sandy	NE Couch & 12th to SW 5th & Morrison
6 4	Steel Bridge	Rose Qtr Transit Ctr to SW 5th & Salmon			