

October 2024

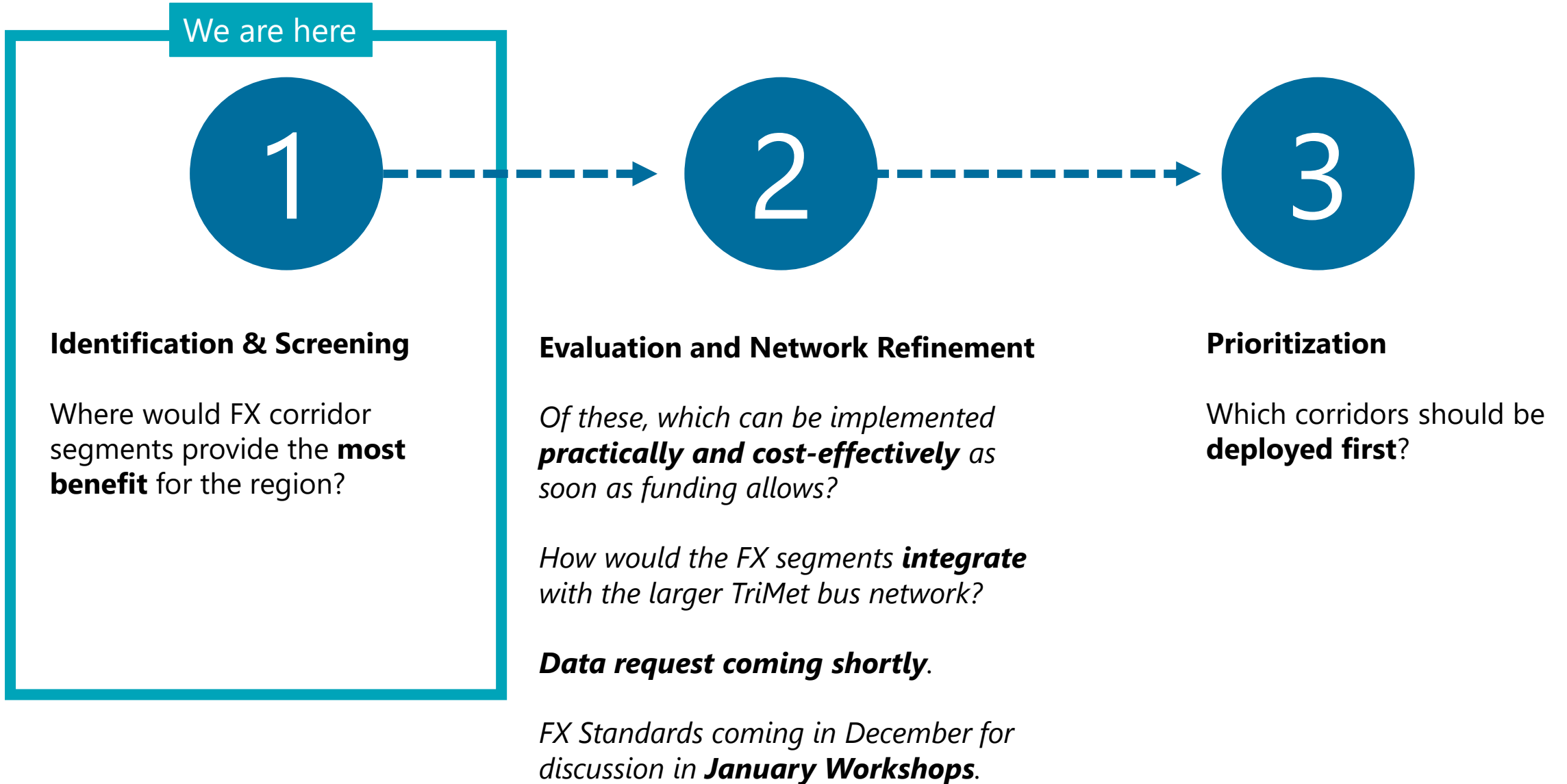
Corridor Screening Results

FX System Plan – East Multnomah County

Grant O'Connell, TriMet



Network Map Process



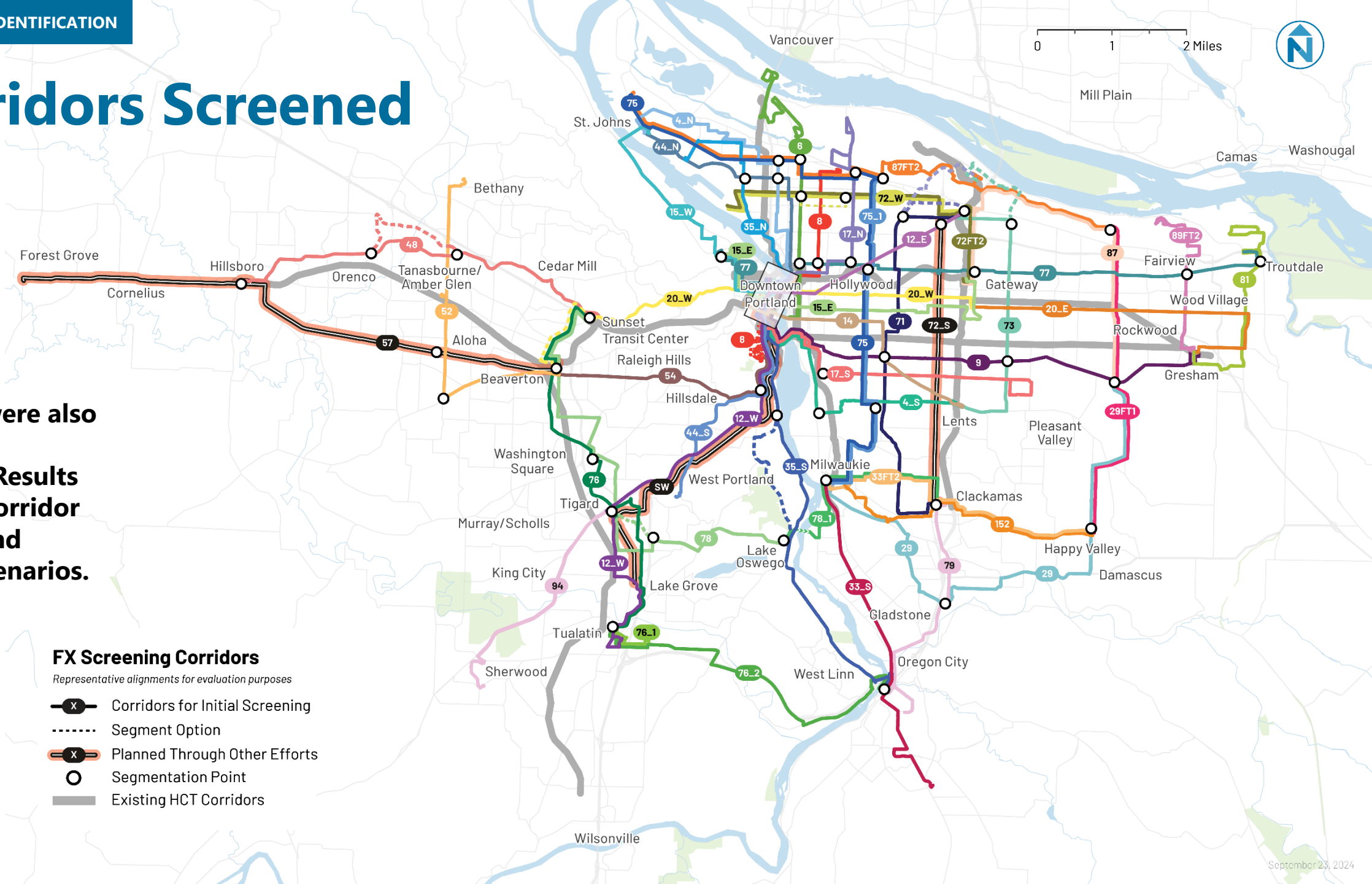
Screening Metrics

Metric Area	Screening Metric
Land Use and Access	Current Population and Employment Density (2020)
	Future Population and Employment Density (2045)
	Future Travel Demand (2045 productions and attractions per acre)
Equity	Share of Corridor within Metro Equity Focus Areas (EFA)
	Aggregate TriMet 10-Factor Equity Index Score
Ridership	Existing Ridership - stop-level boardings per corridor mile (Fall 2023)
Transit Speed and Reliability	Bus and passenger-weighted delay (Fall 2023) per corridor mile
	Aggregate Transit Operations Score (from Better Bus)
Walkability	Intersection density, 2020 and 2045
	Share of streets with completed sidewalks

Additional Consideration: **Geographic Reach.** To ensure adequate geographical distribution of potential FX corridors in the region, we propose to ensure some of the network corridors have “substantial” service to each of Clackamas, Multnomah, and Washington Counties

Corridors Screened

Corridors were also analyzed in segments. Results informed corridor selection and network scenarios.



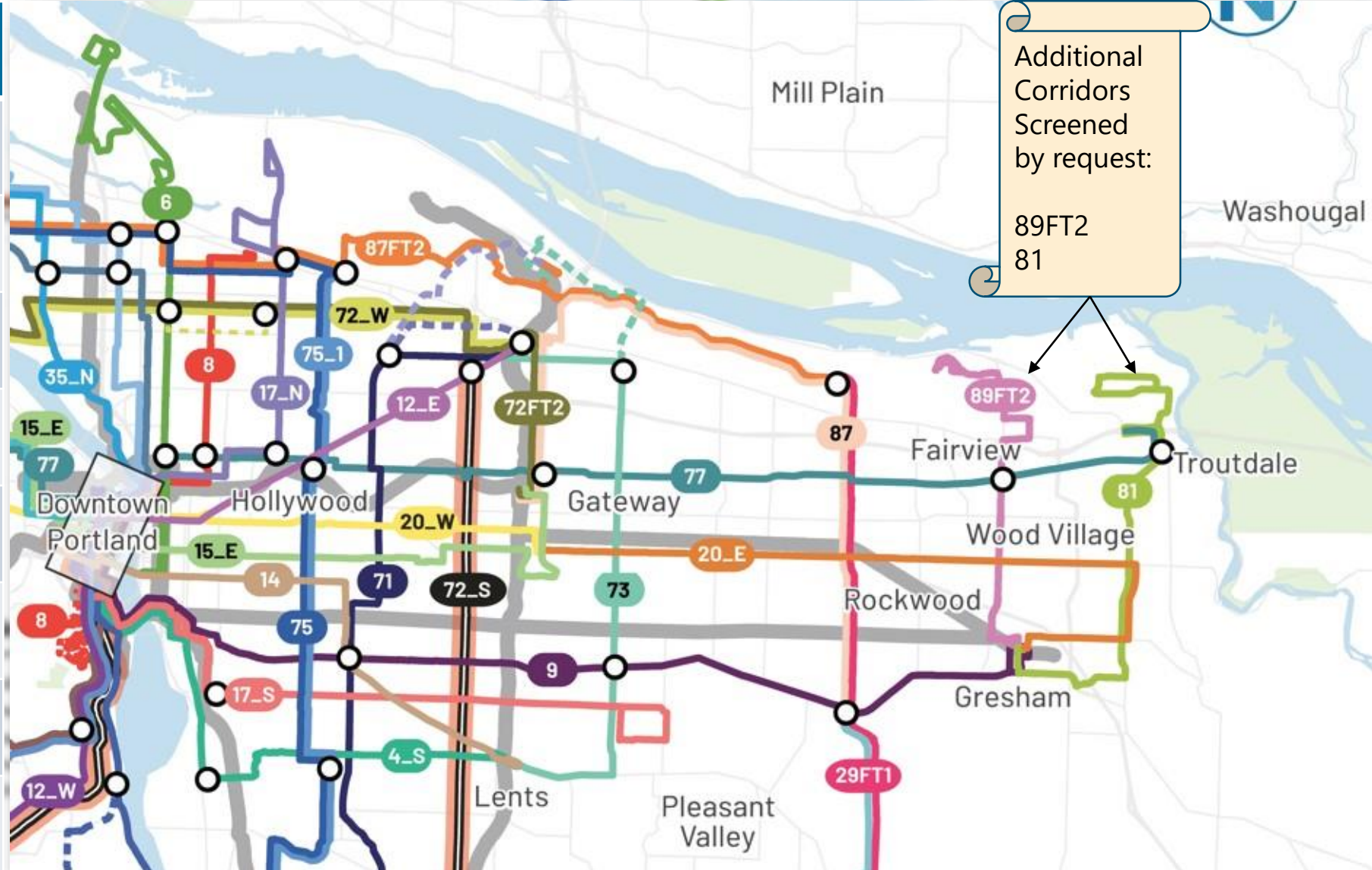
FX Screening Corridors

Representative alignments for evaluation purposes

- Corridors for Initial Screening
- Segment Option
- Planned Through Other Efforts
- Segmentation Point
- Existing HCT Corridors

East Multnomah County Corridors Screened

Map ID	Corridor
9	SE Powell Blvd
20_E	SE Stark St
29FT1	SE 172nd Ave / SE 190th Ave
77	NE Broadway/Halsey
81	NE Kane / NE 257 th Dr
87	NE Airport Way/SE 181st
87FT2	St. Johns / SE 181st
89	Gresham – Blue Lake Park (via SE 223 rd)



East Multnomah County Corridor Results






Map ID	Corridor	Total Score	Total Score Rank	Land Use	Equity	Ridership	S&R	Walkability
9	SE Powell Blvd	4.4	8	4.0	5.0	4.0	4.7	4.3
20_E	SE Stark St	3.9	14	2.2	6.0	4.0	4.0	3.3
77	NE Broadway/Halsey	3.3	25	3.6	4.0	2.0	3.3	3.3
89	Gresham - Blue Lake Park (via SE 223rd)	2.5	37	1.0	5.0	1.0	2.7	3.0
81	NE Kane/NE 257th Dr	2.2	44	1.0	4.0	1.0	1.3	3.7
87FT2	St. Johns / SE 181st	2.1	48	1.0	3.0	2.0	2.3	2.0
87	NE Airport Way/SE 181st	2.0	49	1.0	4.5	1.0	2.3	1.3
29FT1	SE 172nd Ave / SE 190th Ave	1.9	51	1.2	4.0	1.0	1.7	1.7

View corridor results interactively here: https://perkinsandwill.github.io/trimet-bdat/fx_system_plan/index2.html

- Total Score rank is out of 53 region-wide corridors.

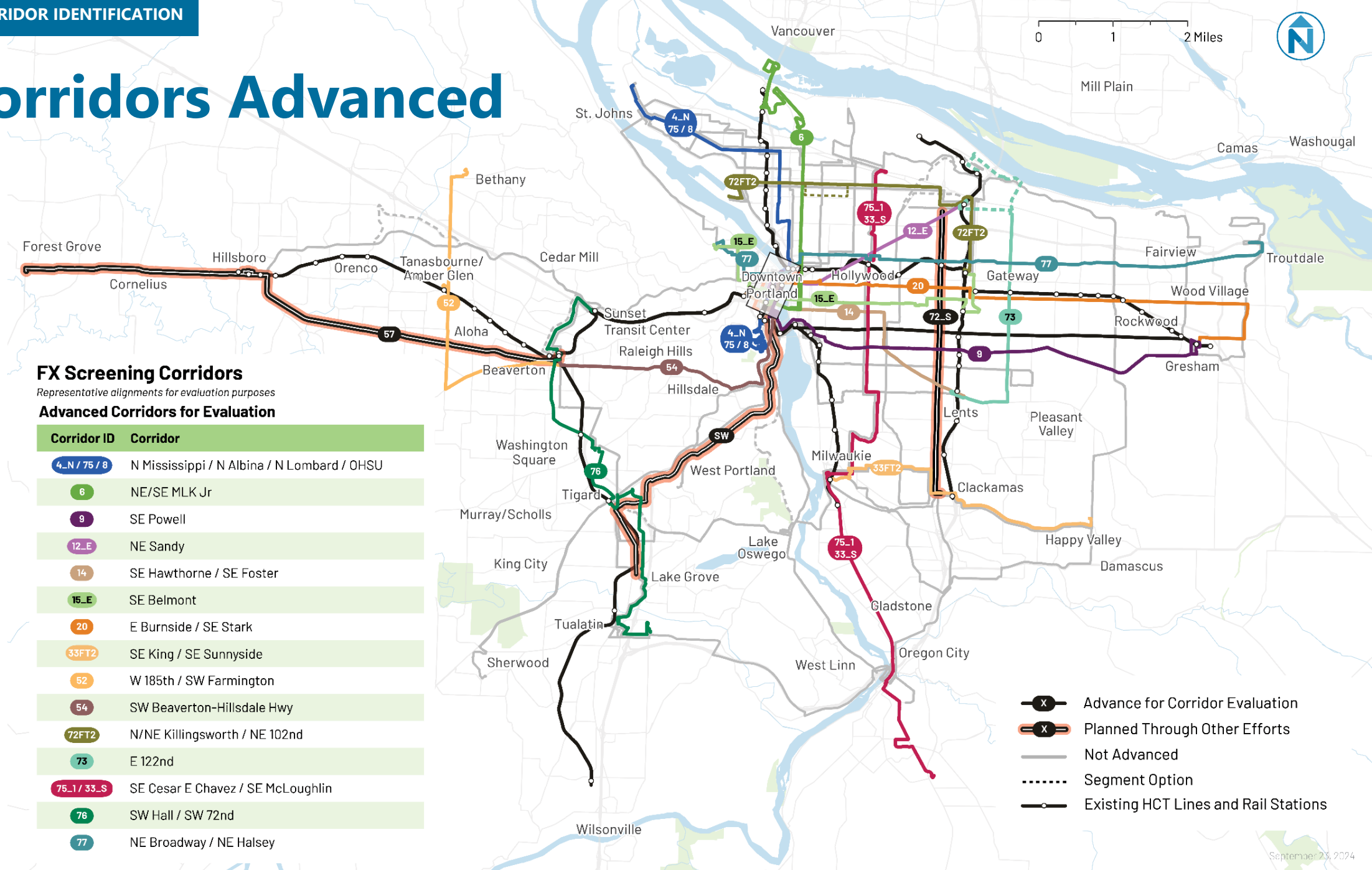
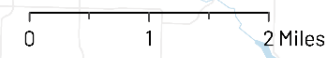
East Multnomah County Corridors Advanced

Map ID	Corridor
9	SE Powell Blvd
77	NE Broadway/Halsey
20	SE Stark St

-  Advance for Corridor Evaluation
-  Planned Through Other Efforts
-  Not Advanced
-  Segment Option
-  Existing HCT Lines and Rail Stations



Corridors Advanced



FX Screening Corridors

Representative alignments for evaluation purposes

Advanced Corridors for Evaluation

Corridor ID	Corridor
4_N / 75 / 8	N Mississippi / N Albina / N Lombard / OHSU
6	NE/SE MLK Jr
9	SE Powell
12_E	NE Sandy
14	SE Hawthorne / SE Foster
15_E	SE Belmont
20	E Burnside / SE Stark
33FT2	SE King / SE Sunnyside
52	W 185th / SW Farmington
54	SW Beaverton-Hillsdale Hwy
72FT2	N/NE Killingsworth / NE 102nd
73	E 122nd
75-1 / 33_S	SE Cesar E Chavez / SE McLoughlin
76	SW Hall / SW 72nd
77	NE Broadway / NE Halsey

- Advance for Corridor Evaluation
- Planned Through Other Efforts
- Not Advanced
- Segment Option
- Existing HCT Lines and Rail Stations

Network Map Next Steps

