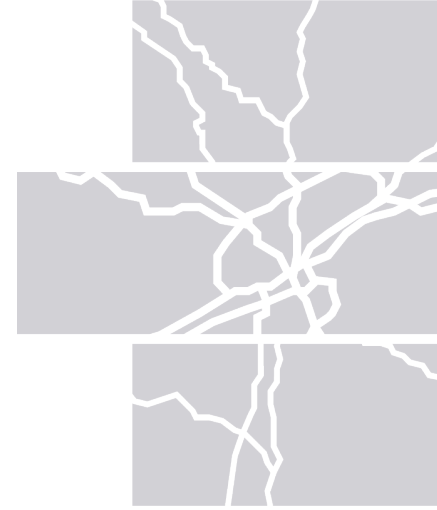


# Item 6

## Mobility Plan 2050 Update

**PRESENTER: MIKE CONGER, TPO STAFF**



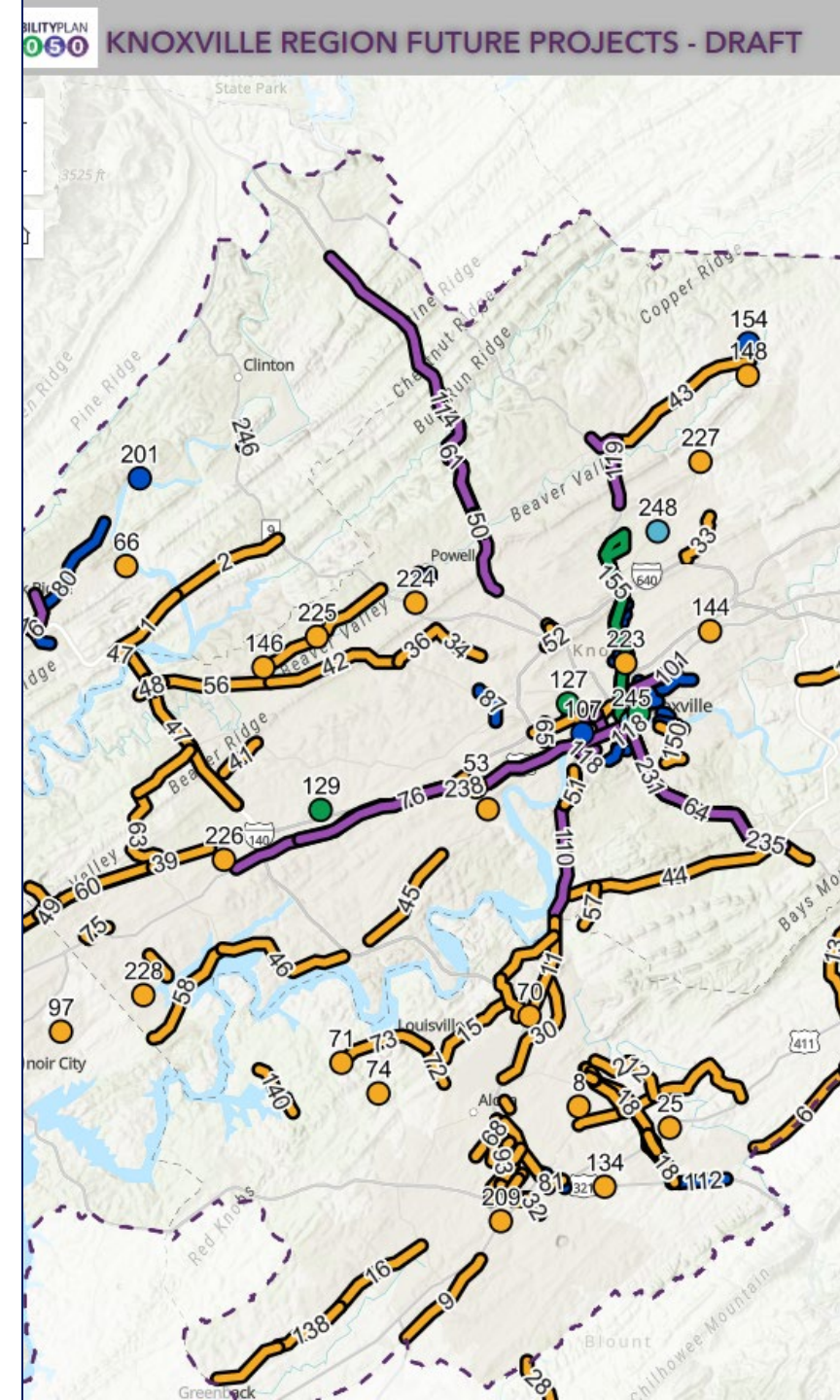
**MOBILITYPLAN**



# Knoxville TPO 2050 MTP Update

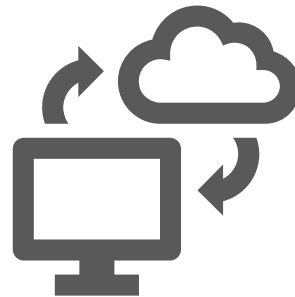
January 29, 2025





# Projects – Summary

- **118** rollover projects from 2045 Mobility Plan
- **~40 new** projects added
- Projects by Category
  - Roadway (73%) – reconstruction, widening, maintenance
  - Bike/Ped (14%) – greenway/trail, ped bridge, Complete Street
  - ITS / Transit (10%) – ATMS, signal prioritization, new buses
  - Study / Other (3%) – Smart Trips, safety program, study
- ArcGIS [Online map](#) for review



# Project Selection and Review

- Email sent on 1/8/2025 to each Technical Committee Member requesting review of your agency's projects
  - Make sure your projects included
  - Check details (name, termini, etc)
- TPO Staff made draft Project Selections by Horizon Year
  - 2026, 2030, 2035, 2040, 2045, 2050 or "Illustrative"
  - Rollover and especially existing FY23-26 TIP Projects given precedence
  - Reviewed technical score provided by Stantec against Goals – can be used as "tie-breaker"
- Draft List meets Fiscal Constraint by funding program and Horizon Year
  - Some flexibility to shift projects to match your local priorities

## Prioritization of Projects

With more project needs than funding available, our data-driven process evaluated all projects against the TPO's established eight regional goals. Weights for each goal were assigned by the Technical Advisory Committee based on whether a project was considered small/local, or large/regional, and evaluation criteria provided the measurable geographic features to determine the score (Table 3.4). Evaluation criteria were reviewed with input from the TPO and TAC members.



Goal	 Small & Local Projects	 Large & Regional Projects	Evaluation Criteria Datasets
Safety & Security	21	17	% project length on High Injury Network Tier 1
			% project length on High Injury Network Tier 2
			Interactive Map points "Speeding" or "Safety"
Congestion Reduction	15	19	Level of Travel Time Reliability (LOTR) Value
			Expected volume over capacity (V/C)
Maintenance & Efficiency	14	15	Interactive Map points "Congestion"
			Crosses a Bridge rated as "Poor" or "Critical Condition"
Health & Environment	13	12	Interactive Map points "Maintenance"
			Proximity to existing high-quality bikeway or pedway facilities
Equitable Access	11	9	Avoids potential impact with environmental resources
			Priority Population Index average value (vulnerable)
More Options	15	19	USDOT defined area of Persistent Poverty
			Population density of transit service
			Connected with existing transit service area
Preservation of Place	8	8	Interactive Map points "Barrier to walking/biking"
			Avoids potential impact with cultural resources
Economy of Freight	8	14	Density of freight facilities nearby
Local Priority			Project identified in other local plans (not quantifiable)

Table 3.4: Evaluation Criteria for Project Prioritization.

# Next Steps and Timeline

- Requesting Review of Project List and Prioritization by end of January
- TPO Staff can meet in-person or virtually to review project list and consider adjustments
- Currently in TDOT 30-Day Review Period for Draft Mobility Plan
- Concurrent FHWA and Public Review during March
- Adoption scheduled for April TPO Meetings