



L RTP Project Evaluation Process

CONNECTED 2050

LONG-RANGE TRANSPORTATION PLAN FOR THE ST. LOUIS REGION

Guiding Principles



Our Communities and Region



Economic
Vitality



Thriving
Neighborhoods and
Communities



A Vibrant
Downtown and
Central Core



A Healthy and
Sustainable
Environment



Our Transportation System



Safe
and Secure



Choices and
Access for All



Seamless, Efficient,
and Reliable



Well-Maintained
and Resilient



Our Process



Collaborative



Equitable











Innovative











Performance-
Based

Criteria

Guiding Principles	Project Measures
 <p>Economic Vitality</p>	<p>supports regional freight movement and connections</p> <p>supports access to employment centers or tourism sites</p> <p>supports regional access to planned economic development opportunities</p> <p>supports access to jobs for Transportation Equity Populations*</p>
 <p>Thriving Neighborhoods and Communities</p>	<p>increases access to parks, education, groceries, healthcare, or essential services*</p> <p>supports community life and placemaking*</p> <p>reduces adverse impacts of transportation on communities*</p> <p>improves multimodal connectivity*</p>
 <p>A Vibrant Downtown and Central Core</p>	<p>improves access to, or travel options within, the downtown or central core</p>
 <p>A Healthy and Sustainable Environment</p>	<p>improves air quality and/or reduces greenhouse gas emissions*</p> <p>supports improved water quality</p> <p>does not adversely affect ecologically significant areas</p>
 <p>Safe and Secure</p>	<p>reduces traffic-related fatalities and serious injuries</p> <p>improves safety for people walking and biking.</p> <p>supports crime prevention and security (including reducing terrorism risk).</p>
 <p>Choices and Access for All</p>	<p>improves access for people with disabilities*</p> <p>improves transit services, transit rider experience and/or connections to transit</p> <p>enhances bicycling and/or walking</p> <p>supports other alternatives to driving alone (e.g carpool, rideshare)</p> <p>enhances multimodal travel options for Transportation Equity Populations*</p>
 <p>Seamless, Efficient, and Reliable</p>	<p>improves travel time reliability</p> <p>supports efficient management of the system (e.g. traveler information systems)</p> <p>improves freight reliability</p> <p>improves intermodal freight connections</p>
 <p>Well-Maintained and Resilient</p>	<p>addresses bridge preservation need</p> <p>addresses pavement preservation need</p> <p>addresses transit preservation need</p> <p>improves evacuations (e.g., due to terrorism, weather, etc.)</p> <p>supports transportation infrastructure to withstand extreme weather.</p>

Scoring

Guiding Principle	Possible Points	Equity points (included in total points)	Negative Points Possible
 Economic Vitality	12	4	
 Thriving Neighborhoods and Communities	12	3	Yes – noise and traffic increases
 A Vibrant Downtown and Central Core	4	0	
 A Healthy and Sustainable Environment	8	1	Yes – negative environmental impacts
 Safe and Secure	18	0	
 Choices and Access for All	18	5	Yes – creation of barriers to walking/biking
 Seamless, Efficient, and Reliable	12	0	
 Well-Maintained and Resilient	16	0	
TOTAL	100	13	

Key Themes

- Changes from Connected 2045 Process
 - Increased focus on resilience
 - Increased focus on equity
 - More evaluation criteria compared to previous LRTPs
 - Lower overall scores across all projects

- Projects that score well are
 - Multimodal in nature
 - Address key safety and congestion/reliability issues (particularly if it impacts freight)
 - Link to economic, environmental, and local community goals
 - Near term
 - Results of studies or plans

Next Steps

- Complete scoring using Guiding Principle evaluation criteria

- Coordinate with MoDOT, IDOT, and Metro on their asset management schedules and priorities

- Financial Capacity Analysis and cost analysis for projects

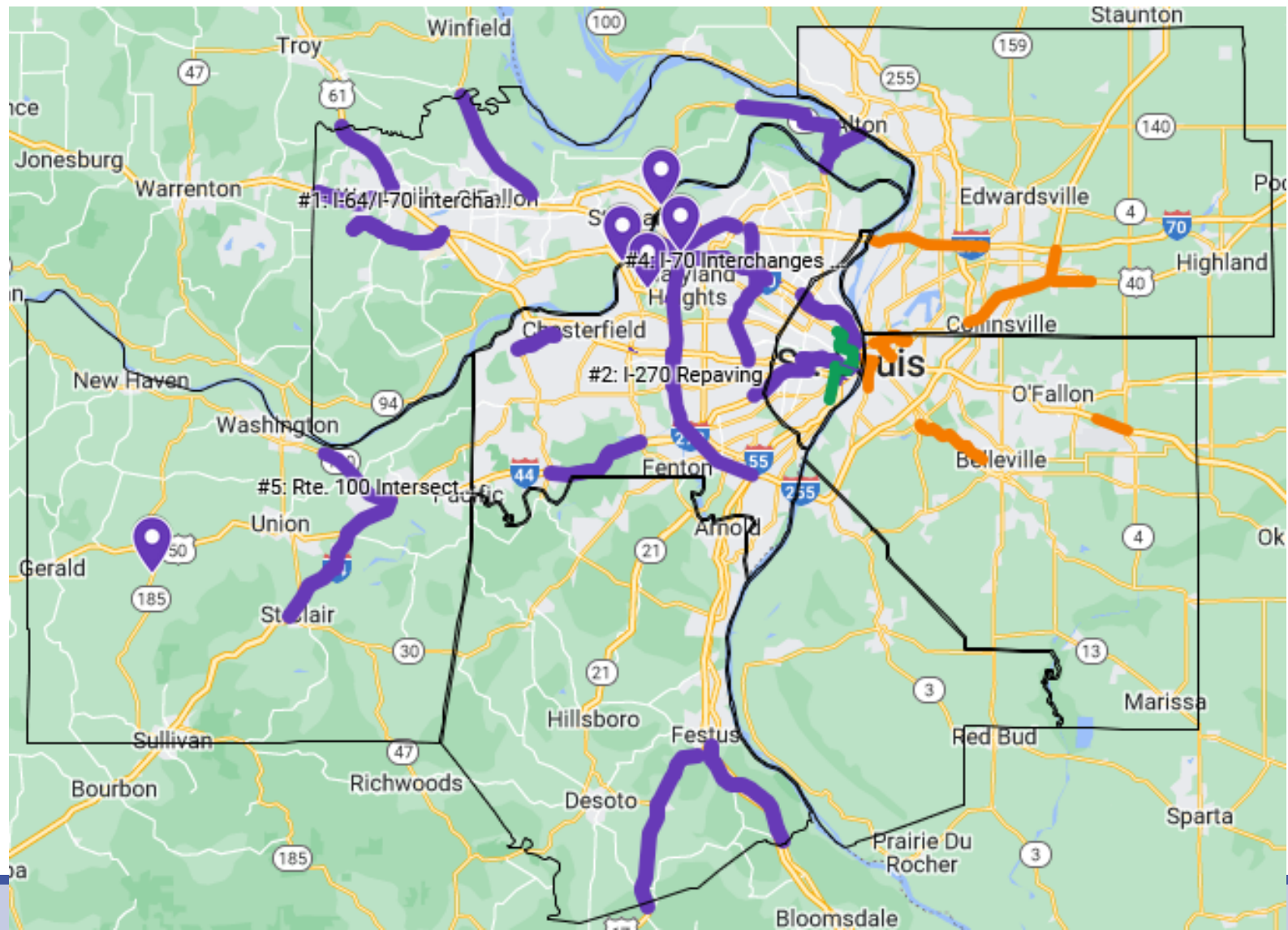
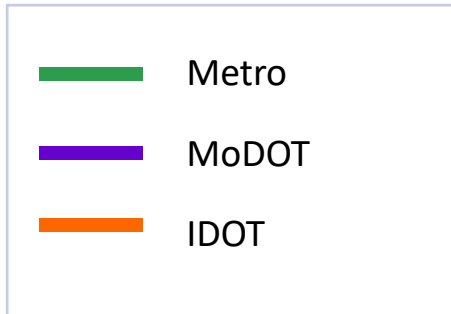
- Proposed project list
 - Priority Projects (split by investment period)
 - Illustrative Projects (split by tiers)
 - Corridor Studies

Project Timeline

- ❑ January to March 2023 – Finalize project priority list, air quality conformity
- ❑ March 2023 – Draft Plan
- ❑ April 2023 – Public Comment Period
- ❑ June 2023 – Final Plan

Unranked Project List

Project Submission Map



Major Projects

Project	Description	County	Included in Connected 2045
IL Route 3 Connector, Collinsville Rd to IL 3/203	Construct new two-lane roadway	St. Clair	Yes, Priority
MLK Bridge, over Mississippi River	New Bridge	Multi	Yes, Priority
IL 3, Riverpark to Monsanto Ave	Relocate; Construct new four-lane roadway (2-lane already funded)	St. Clair	Yes, Illustrative
I-70, Mississippi River to I-70	Construct new 4-lane Interstate on new alignment, with new interchanges	St. Clair	Yes, Illustrative
I-55/70, I-255 to I-270	Add Capacity (4 to 6 lanes)	Madison	Yes, Illustrative
I-270, IL 157 to Mississippi River	Add Capacity (4 to 6 lanes)	Madison	No
US 40, E. of Formosa Rd to Bethany Dr.	Add Capacity (2 to 4 lanes)	Madison	No
I-64, Reider Rd to IL 4	Add Capacity (4 to 6 lanes)	St. Clair	No
I-55,/I-64 Poplar Street Bridge, over Miss River	Reconstruct Bridge	Multi	No
I-70 Stan Span bridge, over Miss River	Construct companion bridge to I-70 Stan Span bridge	Multi	No

Rehabilitation Projects

Project	Description	County	Included in Connected 2045
IL 13, IL 157 to 23rd St.	Pavement Rehabilitation	St. Clair	No

Missouri

Project Submissions – Major Projects

Project	Description	County	Included in Connected 2045
I-64, Kingshighway to Jefferson	Interchange Improvements and Rehabilitate Bridges	St. Louis City	Yes, Priority
NS/SS, Grand to Chippewa	New light rail extension	St. Louis City	Yes, Priority
I-270, Rte. 370 to US 67	Interchange Improvements, replace bridges, rehabilitate pavement	St. Louis	Yes, Priority
I-70, Bermuda Rd. Interchange	Interchange Improvements and Rehabilitate Bridges	St. Louis	Yes, Priority
MLK Bridge, over Mississippi River	New Bridge	Multi	Yes, Priority
I-44, Murdoch to Vandeventer	Reconfigure interchanges	St. Louis City	Yes, Priority
I-270, Rte. 180 Interchange	Interchange Improvements and Rehabilitate Bridges (Partial)	St. Louis	Yes, Priority
I-270, Rte. D / Rte. 364 Interchange	Interchange Improvements and Rehabilitate Bridges (Partial)	St. Louis	Yes, Priority
I-70, Missouri River to North Hanley	Reconfigure STL airport access, replace bridges, interchanges	St. Louis	Yes, Illustrative
I-70, City Limits to Benton Street	Safety and Interchange Improvements	St. Louis City	Yes, Illustrative
I-64, I-70/US-61 Interchange	Reconfigure Interchange and Bridge Rehabilitation	St. Charles	Yes, Illustrative
I-270, Rte. 100 to I-64	Congestion mitigation improvements	St. Louis	Yes, Illustrative
US 61, Rte. A to Lincoln Co.	Safety and Interchange Improvements (Partial)	St. Charles	Yes, Illustrative
I-170, I-70 to I-270	Interchange and corridor improvements (Partial)	St. Louis	Yes, Illustrative
I-44 / I-55, I-44 & I-55 Interchange	Reconstruct I-44 & I-55 Interchange & six bridges	St. Louis City	No
I-170, I-64 to I-70	Interchange and corridor improvements (Partial)	St. Louis	No
I-55,/I-64 Poplar Street Bridge, over Miss River	Reconstruct Poplar Street Bridge and approach structures	Multi	No
US 67, Missouri River to Mississippi River	Safety and Interchange Improvements (Partial)	St. Charles	No
Rte. 100, St. John to I-44	Intersection Improvements	Franklin	No
I-70 Stan Span bridge, over Miss River	Construct companion bridge to I-70 Stan Span bridge and southern connecting ramps I-44	Multi	No
I-70, Wentzville Parkway to Rte. T / Rte. W	Capacity improvements	St. Charles	No
I-64, Rte 141	Reconfigure Interchange	St. Louis	No
US 67, Rte. CC to St. Francois County Line	Interchange & Outer Road Improvements (Partial)	Jefferson	No
Rte. N	Capacity Improvements - Phase I	St. Charles	No
Rte. 79	Add alternating passing lanes	St. Charles	No

Missouri

Project Submissions – Rehabilitation Projects

Project	Description	County	Included in Connected 2045
I-270, McDonnell Blvd to I-55	Asset Management pavement resurfacing	St. Louis	Yes, Asset Management
I-44, Rte. 100 W to Rte. 30	Reconstruct pavement	Franklin	No
I-64, from 22nd Street to Poplar Street Bridge	Bridge rehabilitation	St. Louis City	No
I-44, Rte. 141 to Rte. 109	Reconstruct pavement	St. Louis	No
Rte. CC, Rte. 109 to Long Rd.	Reconstruct pavement	St. Louis	No
Rte. 185, over Bourbeuse River	Bridge rehabilitation	Franklin	No
Rte. 364, over Missouri River	Bridge rehabilitation	St. Charles / St. Louis	No
Rte. 370, over Missouri River	Bridge rehabilitation	St. Charles / St. Louis	No
I-44, from St. Charles Street to O'Fallon Street	Bridge rehabilitation	St. Louis City	No
I-44 / I-55, from Park Avenue to Gratiot Street	Bridge rehabilitation	St. Louis City	No
Rte. 94, Rte. H to US 67	Reconstruct pavement	St. Charles	No
US 61, US 67 to St. Genevieve Co. Line	Rehabilitate pavement	Jefferson	No
Rte. 364, over Creve Coeur Lake	Bridge rehabilitation	St. Louis (North)	No
I-70 / I-270 ramp, at I-70 / I-270 interchange	Bridge replacement	St. Louis (North)	No