

DESTINATION 2045 IMPLEMENTATION PLAN PROGRESS REPORT

Year One (2022) Specific Actions

- Continue to refine equity analysis tools available for project identification and prioritization in support of vulnerable road users and under-represented populations
 - ✓ **Equity Index is developed, discuss how to use**
- Analyze bicycle and pedestrian crash locations to scope improvements
 - ✓ **Pedestrian crashes analyzed**
 - ✓ **Bicycle crashes analyzed**
- Establish an interdisciplinary safety committee to lead organizational actions for incorporating safety into all transportation related functions
 - ✓ **Create as part of SS4A**
- Educate member agencies on the significance of highway safety and how their agencies can contribute to a safer road system
 - ✓ **Discussed Safety Countermeasures with Street Typology Subcommittee**
 - ✓ **Incorporated with SS4A activities**
- Educate public on rules of the road for all users
 - ✓ **SafeAcross – promoted to members to adopt SGF Yields**
 - ✓ **Coordinated with LGSTC to provide Bicycle Safety Course**
 - ✓ **Promoted safety initiatives on OTO social media**
 - ✓ **Pop-up event and outreach during Destination Safe Streets**
 - ✓ **Coordinated with Safe Kids Springfield on bicycle education events for children**
- Provide safety information on safe driving behaviors
 - ✓ **Discussion at LGSTC Level**
 - ✓ **Promoted safety initiatives on OTO social media**
 - ✓ **Pop-up event and outreach during Destination Safe Streets**
- Develop a process for discretionary funding requests
 - ✓ **Use Congressional Format and Include on Website**
- Utilize a website and other communication for centralized requests
 - ✓ **OTO Legislative Priorities Web Page**
- Anticipate federal funding priorities and develop ready-made analysis materials

- ✓ **Developed data sources and built dashboards**
 - ✓ **Debrief RAISE/BUILD and INFRA grants**
- Review performance measures and targets to best direct investment decisions
 - ✓ **Developed additional measures with SS4A**
 - ✓ **Connected to projects in TIP**
 - ✓ **Annual performance measure report**
- ✓ Update the Transit Coordination Plan and identify actions to enhance coordination
 - ✓ **Plan adopted**
- ✓ Develop Trail Implementation Dashboards
 - ✓ **Developed for Regional Trail Priorities**
- Identify connectivity gaps and provide a map for easy reference
 - ✓ **Adopted Official Trail Map into LRTP**
- Develop a list of investments needed to complete the ITS network
 - ✓ **Coordinated with MoDOT to update Regional ITS Architecture**
- Provide better project descriptions that include context sensitive solutions in the STIP prioritization process
 - ✓ **Descriptions include context-relevant information**
- ✓ Develop multimodal unfunded needs list
 - ✓ **Complete**

Year Two (2023)

- Develop a public and elected official education campaign with identified focus areas
 - **Need to further develop**
 - ✓ **State and Federal priorities rack card**
- Encourage members to adopt a Vision Zero (www.visionzeronetwork.org) approach to addressing transportation safety, including Complete Streets or Livable Streets
 - ✓ **OTO Accomplished through Safety Action Plan**
 - **Individual Communities have mixed Vision Zero Adoption**
- Use OTO staff to support streamlined project administration
 - ✓ **Complete through hiring of transportation engineer**
- Determine the next ready-to-construct trail project
 - ✓ **Ongoing**
- Develop standards for multi-modal accessibility
 - **Need to further develop**

- ✓ **ConnectSGF includes service guidelines, including for accessibility**
- Develop standards to improve aesthetics of transportation projects
 - **Need to further develop**
 - ✓ **For trails, coordinated with Ozark Greenways on trail design standards**
- Identify, document, and map accessibility improvements with the greatest benefits
 - ✓ **Supporting Republic and Springfield in SS4A ADA updates**
 - ✓ **Ongoing monitoring with annual implementation report**
 - ✓ **Sidewalk gap mapping and prioritization**
- Identify sidewalk network gaps that support local connections to essential services and transit stops
 - ✓ **Complete**
- Identify trail maintenance needs and develop a trail maintenance plan
 - ✓ **Developed inventory of trail by age and surface type**
 - ✓ **Developed spreadsheet to identify maintenance costs**
- Implement a local 5310 administration program to ensure timely delivery of transit capital
 - **In Progress**
 - ✓ **Supported local agencies in 5310 readiness**
- Identify and document large employers and assess the need for transit service
 - **Need to further develop**
 - ✓ **Began employer outreach through vanpool research**
- Identify transit service options for employment needs and recommend service needs to City Utilities Transit
 - ✓ **Integrated into ConnectSGF long-term recommendations**
- Identify large employers and provide information on transportation tax incentives
 - **Need to further develop**
 - ✓ **Began employer outreach through vanpool research**
- Connect vanpool providers with employers
 - ✓ **Ongoing research with outreach to employers, chambers of commerce, and workforce development**
 - ✓ **Maintain communication with vanpool provider**
- Assess feasibility of “mobility as a service” to supplement transit and other modes
 - **Need to further develop**
 - ✓ **Preliminary research through ConnectSGF’s technology and service guidelines**

- Conduct additional research on *Destination 2045* survey response regarding passenger rail and desire for inner-city versus inter-city transportation
 - ✓ **Supported FRA Long Distance Passenger Rail Study with Board Resolution**
 - **Include in 2050 Update Public Input**
- Using street typologies, develop an overlay plan that maximizes complete street investments
 - **In Progress**
- Implement access management to preserve roadway capacity and improve safety
 - ✓ **Coordinated at project level through Core Team participation**
 - ✓ **Maintained OTO design standards**
 - ✓ **Recommendations in *Destination Safe Streets***
- Develop an electric vehicle charging infrastructure plan
 - ✓ **Developed EV Charging Toolbox on website**
- Work with the Transportation Management Center of the Ozarks to identify and implement technology to accommodate connected and automated vehicles
 - ✓ **Supported SMART grant application**
 - ✓ **Regional ITS Architecture Update**
- Identify and develop a plan for improvements supportive of automated vehicles
 - **Developing white paper on projects that support automated vehicles**
- Create a connected vehicle infrastructure plan that identifies infrastructure needs
 - **In Progress**
- Review local ordinances and provide recommended changes to regarding neighborhood level connectivity
 - ✓ **Developed Connectivity Toolbox on website**
- Research and catalog recommendations in area plans for a more uniform regional approach
 - ✓ **Participated in local comprehensive planning efforts**
 - ✓ **Collected area plans as updated**
 - ✓ **Developed matrix of recommendations**

Year Three (2024)

- Survey the community to ascertain preference for transit coverage or frequency
 - ✓ **Addressed through ConnectSGF Plan**
- Continue to investigate integrated service between City Utilities Transit, Missouri State University, and OATS
 - ✓ **Ongoing**
- Work with the City of Springfield and City Utilities Transit to develop a high-frequency transit corridor
 - ✓ **Participated in ConnectSGF planning efforts, which provided a data-driven framework for identifying candidate high-frequency corridors and evaluating frequency tradeoffs**
- Explore options for regional transit service
 - ✓ **Prior regional transit analyses incorporated into ConnectSGF**
 - ✓ **ConnectSGF identified how future high-frequency or long-term corridors could align with regional extensions**
- Review and update EnviroSmart, consultation with environmental review agencies
 - ✓ **Ongoing**
- Develop projects that address connectivity gaps
 - ✓ **Scoring criteria in Bicycle/Pedestrian Funding Application**
- Identify and find solutions to freight bottlenecks
 - **Achieved access to datasets to support this analysis**
- Identify and map transportation facilities that are susceptible to flooding
 - ✓ **Created layer with flooding and rescue events along OTO roadways**
- Update TIM Strategic Plan
 - **In Progress**
 - ✓ **Completed FHWA Self-Assessment**
- Identify projects to improve signal timing, traffic bottlenecks, and capacity expansion needs
 - ✓ **Prioritization criteria considers delay and congestion metrics**
 - ✓ **Congestion Management Process identifies corridor and project needs**
- Assist member communities with improving gateways to their cities and the region
 - ✓ **Chadwick Flyer Bridge in Ozark**
 - ✓ **Aesthetics Planned for I-44**
 - ✓ **Support for using STBG-U to add aesthetics to projects**

- **Gateway analysis in progress**
- Use street typologies to better scope complete street projects
 - **Participating in Springfield Transportation Plan to develop typologies**

Year Four (2025)

- Explore alternatives to fixed route bus transit, such as light rail, streetcar/trolley, micro transit
 - ✓ **ForwardSGF and ConnectSGF recommends bus rapid transit-style pilot corridors**
 - **ConnectSGF provides the foundational analysis for further study of micro transit and higher-tier transit modes**
- Begin update of *Destination 2045* for 2050
 - ✓ **Underway**

Year Five (2026)

- Adopt 2050 long range transportation plan update
 - ✓ **Underway**

Ongoing Actions

Education

- Communicate unfunded needs to elected officials and the public
 - ✓ **Annual Needs Brochure**
- Communicate funding shortfalls to elected officials and the public
 - ✓ **Annual Needs Brochure**
- Educate public on transportation planning process
 - **Ongoing**
 - ✓ **Public Meetings**
 - ✓ **OTO Billboards**
- Continue education of elected officials on the positive effects of local control of federal suballocated funding
 - ✓ **Part of legislative education discussion points**
- Continue to prioritize improvements that improve safety
 - ✓ **Part of Prioritization Criteria**

- Continue to work with Missouri Public Transit Association to educate elected officials regarding the benefits of transit investment
 - ✓ **Ongoing**
- Use Let's Go Smart website to communicate transportation options
 - ✓ **Ongoing**
- Sponsor training opportunities for members and partner trade organizations on complete street best practices and emerging trends
 - ✓ **Have partnered and shared opportunities**
 - **Ongoing**
- Use SGF Yields as a regional model to promote pedestrian safety
 - ✓ **Expand through SS4A**
 - ✓ **Promoted Safe Across to members**

Prioritization

- Utilize MoDOT asset management plan and City Utilities Transit asset management plan to ensure adequate investment in the transportation system
 - ✓ **Ongoing**
- Prioritize investments that maintain and prolong the useful life of the existing system
 - ✓ **Ongoing**
- Prioritize projects that improve congestion on the freeway system
 - ✓ **Ongoing**
- Promote investment decisions that direct growth near appropriate transportation facilities
 - ✓ **Added Economic Development to prioritization criteria**
- Prioritize projects that encourage job creation, retention, and wage growth
 - ✓ **Adopted additional criteria for prioritization**
- Continue to use the MoDOT Statewide Freight Plan to prioritize projects
 - ✓ **Ongoing**
- Make investment decisions that support performance targets
 - ✓ **Ongoing**
 - ✓ **Document through annual performance report and Transportation Improvement Program**

Revenue-Seeking

- Support funding requests for all modes of transportation that fit within the regional vision
 - ✓ **Provide letters of support and other information as requested**

- Identify grant opportunities and use OTO staff to complete grant applications
 - ✓ **Grants Administrator taking on this role**
- Identify and make application to federal discretionary programs
 - ✓ **Applied for RAISE and INFRA/Mega**
 - ✓ **Applying for SS4A next**

Partnerships

- Continue to partner with MoDOT to identify unfunded needs
 - ✓ **Ongoing**
- Encourage participation in the statewide cost share program
 - ✓ **Ongoing**
- Partner with local agencies to make shared investments
 - ✓ **Ongoing**
- Continue to participate in Missouri Coalition for Roadway Safety meetings and activities
 - ✓ **Ongoing**
- Support implementation of MoDOT's TSM&O Program and Action Plan
 - ✓ **Ongoing**
- Support the efforts of the Transportation Management Center
 - ✓ **Ongoing**
- Continue to participate in MoDOT scoping and core team meetings
 - ✓ **Ongoing**

Monitoring and Implementation

- Continue to publish an annual report on the state of transportation in the OTO region
 - ✓ **Ongoing**
- Monitor implementation of the TCP
 - ✓ **Ongoing**
 - **Scoping Update for 2027**
- Monitor trail implementation through a dashboard
 - ✓ **Dashboard developed**
- Continue to monitor ADA investment in the OTO communities
 - **Supporting Republic and Springfield in SS4A ADA updates**
 - **Ongoing monitoring with annual implementation report**
- Monitor funding available for investment in the regional trail system
 - ✓ **Ongoing**
- Maintain a list of investments needed to complete the ITS network
 - ✓ **Coordinated with MoDOT to update Regional ITS Architecture**

- Identify technology and data needs to better monitor congestion
 - ✓ **Have developed additional data sources and GIS visualizations**
- Develop trail projects that advance trail construction readiness
 - ✓ **OGI Trail Planning Services**
- Continue to make investments in the regional trail system as outlined in the adopted plan
 - ✓ **Ongoing**
- Use travel time and other congestion measures to ensure reliability
 - ✓ **Ongoing**
- Monitor transportation technology advancements
 - ✓ **Ongoing**
- Monitor status of Alternative Fuel Corridors
 - ✓ **Ongoing**
- Continue to monitor transit accessibility to essential public services
 - **Need to further develop**
- Build environmental mitigation early into the project development process, developing a process to ensure early communication with MoDOT, FHWA, and the appropriate agencies
 - ✓ **Have promoted environmental reviews to be concurrent with earlier stages of the project process.**

Committees and Community Involvement

- Serve on freight committees when available
 - ✓ **Ongoing**
- Regularly convene TIM meetings to identify incident response safety improvements
 - ✓ **Ongoing**
- Participate in Let's Go Smart: Transportation Collaborative
 - ✓ **Ongoing**
- Continue to participate in the Ozarks Clean Air Alliance to monitor air quality levels and identify ways to maintain Ozone attainment
 - ✓ **Ongoing**
- Be a resource to members for implementation at the community-level
 - ✓ **Ongoing**

Project-Level

- Promote the use of traffic impact studies that ensure developers are sharing in the costs of growth
 - ✓ **Ongoing**

- Support a connected grid network that allows for ease of alternate travel routing
 - ✓ **Ongoing**
- Continue to use and maintain EnviroSmart, OTO's environmental database, to inform local project sponsors of environmental considerations in transportation projects
 - ✓ **Ongoing**
- Ensure complete street design is incorporated into transportation improvement projects
 - ✓ **Project descriptions include context-relevant information**
 - ✓ **TIP includes bike/ped/trail plan checkpoint**
- Promote neighborhood level connections and discourage gated communities that limit transportation connections
 - ✓ **Sidewalk Gap Prioritization**
 - ✓ **Created Connectivity Toolbox**
 - ✓ **Maintained OTO Major Thoroughfare Plan and Design Standards**
- Encourage construction of sidewalks on most roadways
 - ✓ **Ongoing**
- Continue to invest in fiber connections to improve signal timing throughout the region
 - ✓ **Ongoing**
- Continue to make freeway and expressway investments that connect communities and maintain low commute times
 - ✓ **Ongoing**
- Support expansion of quality real-time traveler information
 - ✓ **Ongoing**