

TRANSPORTATION DEPARTMENT FY2023 GOALS

1. **Goal:** Develop and maintain analytical tools for transportation project analysis.

Funding Source: FY2023 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, and Federal Transit Administration [FTA] Section 5303 funds), federal Surface Transportation Block Grant Program (STBG) funds, Regional Transportation Council (RTC) Local funds, and local funds.

Primary Work Tasks:

1. Maintain and enhance the Regional Travel Models (RTMs) for the Metropolitan Planning Area.¹
2. Maintain and improve an information system for transportation data.¹
3. Design and conduct travel survey and data collection projects.¹
4. Enhance demographic forecasting process and assemble related data.¹

Principal Performance Measures:

1. Maintain and enhance the Regional Travel Models, respectively called DFX and TAFT, ensuring usability and proper operation. Improve TAFT network coding and reporting capabilities. Maintain the software applications and archive system of model versions and model runs. Develop model description documentation. Provide support in the use of RTMs through updates to the software application and technical assistance to model users.
2. Continue to develop methods and computer tools to facilitate, disseminate, and optimize the integration of data collected by NCTCOG or provided by partner agencies. Integrate the data into SQL server databases and geographic layers. Provide support to staff and stakeholders for analysis of data. Review and integrate traffic data collected by radar side-fire devices.
3. Complete the analysis and documentation of the Limited Access Facilities Survey. Continue the data collection of the 2020 Transit Onboard Survey.
4. Provide support for demographic data for the existing forecast. Coordinate with local governments and gather data that will be used in the new forecasting process and improve demographic forecasting model components and documentation.

2. **Goal:** Engage local elected officials, public- and private-sector organizations, and the general public in the multimodal transportation and air quality planning process.

Funding Source: FY2023 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds and Federal Transit Administration [FTA] Section 5303 funds), federal Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds, federal Department of Defense funds, federal Environmental Protection Agency funds, Federal Transit Administration funds (Section 5307, Section 5339, and Section 5310), federal Regional Toll Revenue funds, federal Surface Transportation Block Grant Program funds, Texas Commission on Environmental Quality funds, Texas Department of Transportation funds, Texas Water Development Board, and local funds.

¹ NCTCOG Measure

² Federal Measure

³ State Measure

⁴ Local Measure

Primary Work Tasks:

1. Produce print and online content and publications to inform the public and media about regional transportation and air quality issues.^{1,2,3} (FHWA, FTA, TxDOT)
2. Engage local governments and public and private organizations, including community groups, business organizations, chambers of commerce, local community/technical colleges, and school districts, in transportation and air quality projects and programs.¹
3. Increase awareness of transportation and air quality programs through outreach and education campaigns.¹
4. Maintain a Public Participation Plan.^{2,3} (FHWA, FTA, TxDOT)
5. Offer multiple ways for the public to learn about and provide input on transportation plans.^{1,2,3} (FHWA, FTA, TxDOT)
6. Publicize opportunities for public involvement.^{2,3} (FHWA, FTA, TxDOT)
7. Provide reasonable accommodations to encourage individuals and groups protected by federal civil rights laws to participate in planning processes.^{2,3} (FHWA, FTA, TxDOT)

Principal Performance Measures:

1. Publish or contribute to monthly and semiannual newsletters and provide content to other publications, including those developed by the agency. Publish technical reports and other topic-specific publications as needed. Compile data and information from both internal staff and external agencies to create the content for an annual state-of-the-region report. Maintain and update the website and social media resources regularly to ensure current information is being presented. Provide timely responses to media inquiries and distribute press releases as needed.
2. Coordinate with regional partners on transportation and air quality projects and programs; plan for, host, and attend meetings. Provide educational resources to partners. Select and participate in transportation and air quality-related outreach events and educate the public about various transportation and air quality campaigns.
3. Implement transportation and air quality education campaigns. Monitor campaign web traffic and electronic email list of users and surveys to quantify effectiveness of educational campaigns. Provide graphic, 3-D visualization, audio/visual, educational, social media messages, and informational services for local governments, as well as NCTCOG's Transportation Department, on transportation and air quality-related programs/campaigns.
4. Update the Public Participation Plan, as necessary, to ensure that it is current with federal guidelines, paying particular attention to environmental justice elements.
5. Hold public meetings, partner to jointly host meetings with other organizations, or offer online opportunities on relevant transportation topics to inform the public and seek input on the decision-making process.
6. Maintain current contact information for individuals, transportation partners, elected officials, businesses, chambers of commerce, and others to whom public meeting notices and notices for online participation opportunities are sent by mail or email. Publicize opportunities for public involvement in newspapers, including minority and Spanish-language newspapers.
7. Select locations for public meetings based on physical accessibility and proximity to public transportation. When possible, provide an online viewing option for public meetings to help ensure resident participation in the decision-making process. Provide translation of materials when appropriate according to the Language Assistance Plan.

¹ NCTCOG Measure

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³ State Measure

⁴ Local Measure

- 3. Goal:** Enhance safety and reduce congestion on the transportation system by improving reliability, reducing travel demand, and improving operations of the existing system.

Funding Source: FY2023 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds and Federal Transit Administration [FTA] Section 5303 funds) and federal Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds.

Primary Work Tasks:

1. Monitor, implement, and promote the Congestion Management Process (CMP) for the Dallas-Fort Worth Metropolitan Area, including integration with the Metropolitan Transportation Plan (MTP) and the Transportation Improvement Program.^{1,2,3} (FHWA, FTA, TxDOT)
2. Coordinate and oversee committee meetings, outreach events, and educational campaigns.^{1,2,3} (FHWA, FTA, TxDOT)
3. Enhance the collection, analysis, and reporting of safety-related performance measures.^{1,2,3} (FHWA, FTA, TxDOT)
4. Participate in and implement projects/activities that reduce traffic incident clearance times and reduce crash injuries and fatalities within the region.^{1,2} (FHWA)

Principal Performance Measures:

1. Coordinate tracking, evaluation, and implementation of the CMP, including projects and programs that better operate the transportation system and reduce travel demand. Monitor, track, promote, and implement Travel Demand Management and Transportation System Management and Operation projects in the region. Continue to monitor new project requests and project modification requests and ensure consistency with the MTP.
 2. Coordinate and oversee the activities of the Regional Safety Advisory Committee. Identify, coordinate, and host safety and/or security-related events, training and/or groups, as needed. Complete development and launch One-Day-A-Week education campaign.
 3. Coordinate with TxDOT on the State Crash Records Information System (CRIS). Request, analyze, and maintain regional safety data, including crash data from TxDOT's CRIS, fatality data from the National Highway Traffic Safety Administration (NHTSA) Fatality Analysis Reporting System (FARS), hazardous material spill data from the National Response Center, and other data sources as made available. Conduct crash data analyses for staff, member agencies, and the public as requested. Monitor and participate in activities related to TxDOT Safety Performance target setting as it relates to Metropolitan Planning Organization coordination; and set targets, monitor, and report on FHWA Safety Performance Measures. Track Mobility Assistance Patrol Program performance and monitor efficiency of patrol routes and coverage.
 4. Promote and track regional incident management performance measures, complete development/publish the Regional Roadway Safety Plan and begin prioritization and implementation of plan countermeasures, monitor intersection improvements at locations included in the Regional Intersection Safety Implementation Plan (ISIP) and the Texas ISIP, inventory activities for the Wrong-Way Driving Mitigation Project, and collect performance measures for the Safety Patrol/Incident Management Project.
- 4. Goal:** Support access to and expansion of general aviation facilities and assist in the safe integration and use of uncrewed aircraft systems (UAS) in the region.

¹ NCTCOG Measure

² Federal Measure

³ State Measure

⁴ Local Measure

Funding Source: FY2023 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds and Federal Transit Administration [FTA] Section 5303 funds), Regional Transportation Council (RTC) Local funds, and other local funds.

Primary Work Tasks:

1. Support the Air Transportation Advisory Committee (ATAC).^{1,2}(FHWA, FTA, TxDOT)
2. Support data collection to assess the impact of aviation activity on transportation planning and surface access to aviation facilities.^{1,2,3} (FHWA, FTA, TxDOT)
3. Review and initiate an update to the North Central Texas General Aviation and Heliport System Plan for accuracy.¹
4. Collaborate with regional educators, industry partners, and governments to seek and provide innovative ways to sustain regional aviation education and workforce programs.¹
5. Support the Uncrewed Aircraft Systems (UAS) Safety and Integration Task Force and working groups. Assist in the safe and efficient integration of UAS into the region's existing transportation system.¹

Principal Performance Measures:

1. Host four ATAC meetings to include briefings for elected officials at the local, State, and federal levels and provide status reports on ATAC activities to other NCTCOG committees. Monitor and track aviation funding provided to the region. Foster more communication and collaboration amongst ATAC members.
 2. Update travel-time contours to regional aviation facilities as needed. Monitor the aviation chapter in the Metropolitan Transportation Plan, Mobility 2045, related to implementation of programs and policies.
 3. Seek funding for a new North Central Texas General Aviation and Heliport System Plan.¹
 4. Participate on committees to share data and resources with stakeholders and support curriculum development to assist and facilitate aviation programs. Maintain, enhance, and promote www.NCTaviationcareers.com at aviation education outreach events.
 5. Host at least six UAS Safety and Integration Task Force and working group meetings for local, State, and federal partners, as well as industry experts, universities, and other organizations. Coordinate the UAS Task Force to monitor, inventory, and share efforts to implement UAS initiatives within the region. Host at least four Know Before You Fly workshops for the public and interested individuals
5. **Goal:** Develop and implement the Transportation Improvement Program (TIP) and support and facilitate the funding and implementation of transportation projects in the Dallas-Fort Worth Metropolitan Area.

Funding Source: FY2023 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds and Federal Transit Administration [FTA] Section 5303 funds), federal Surface Transportation Block Grant Program (STBG) funds, and Regional Toll Revenue (RTR) funds.

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Primary Work Tasks:

1. Begin the development of the 2025-2028 Transportation Improvement Program.^{2,3} (FHWA, FTA, TxDOT)
2. Modify the 2023-2026 TIP each quarter, in line with TxDOT's quarterly Statewide Transportation Improvement Program (STIP) modification cycle.^{2,3} (FHWA, FTA, TxDOT)
3. Maintain updated information system to track TIP projects and continue development of new project tracking system.¹
4. Monitor the status of RTR-funded projects and manage RTR funds.¹

Principal Performance Measures:

1. Conduct meetings with project sponsors and TxDOT Districts to gather updates on projects needed for development of the 2025-2028 TIP/STIP.
 2. Refine projects in the 2023-2026 TIP/STIP through coordination with cities, counties, and transportation agencies throughout the region. Project modifications will be submitted to TxDOT for inclusion in quarterly STIP revision cycles, as appropriate.
 3. Finalize, test, and deploy TIP Development module. Continue enhancing tools/reports in TIP Modification Editing, Invoicing, and Reports modules. Continue development of Geographic Information Systems (GIS) mapping tools, project status tracking, and obligations tracking.
 4. Track the implementation of RTR-funded projects by reviewing RTR-funded TIP modifications, coordinating with local government entities and TxDOT, monitoring fund balances to ensure financial constraint, processing closeouts as needed, and submitting Texas Transportation Commission (TTC) minute order change requests after each quarterly TIP modification cycle.
6. **Goal:** Optimize the advancement, delivery, and longevity of regional transportation projects resulting from coordinated, comprehensive, data-driven, and performance-oriented linkages of transportation, land use sustainability, and environmental planning processes based on equity, stewardship, and resiliency.

Funding Source: FY2023 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds and Federal Transit Administration [FTA] Section 5303 funds), federal Surface Transportation Block Grant Program (STBG) funds, federal Regional Toll Revenue (RTR) funds, and Texas Department of Transportation (TxDOT) funds.

Primary Work Tasks:

1. Assist the Texas Department of Transportation (TxDOT), North Texas Tollway Authority (NTTA), transit authorities, and other transportation implementing entities through partnership efforts to expedite planning, environmental evaluation, engineering review, prioritization, economic analyses, permitting/approval, programming, construction, performance monitoring, and lifecycle optimization of high-priority freeway, toll road, managed lanes (e.g., tolled, express lanes, truck lanes), thoroughfare, transit, and other multimodal transportation corridor projects.^{1,2,3,4} (FHWA, FTA, TxDOT, Local Public and Private Agencies)
2. Encourage and support innovative planning, design, and construction methods for projects that maximize cost-effective lifecycle functionality and include measures to facilitate enhanced and equitable integration between transportation and environmental

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mitigation, asset management, infrastructure resiliency, resource preservation, and context sensitivity.^{1,2,3,4}(FHWA, FTA, TxDOT, Local Public and Private Agencies)

3. Coordinate with federal, State, and local partners and provide support for Transportation Department staff to maintain compliance and expand applications with appropriate nondiscrimination laws and regulations among plans, programs, and projects in pursuit of transportation equity objectives within all communities.^{1,2,3,4}(FHWA, FTA, TxDOT, Local Public and Private Agencies)
4. Develop, implement, review, and refine multifaceted analytical tools, benefit-cost analysis (BCA) and return-on-investment (ROI) inputs and calculators, performance and hazard-based data portals, database integration applications, and communication techniques to help inform the transportation planning and investment decision-making processes.^{1,2,3}(FHWA, FTA, TxDOT)

Principal Performance Measures:

1. Work cooperatively with North Central Texas transportation providers, federal and State resource agencies, and local governments to identify, track, and enhance the development, delivery, cost-effectiveness, condition, and performance of high-priority multimodal projects. Coordinate regularly with all partners to improve relationships, clarify roles and responsibilities, and develop and initiate strategies to reduce project implementation costs, delays, and opportunity barriers for high-priority transportation projects of all types.
2. Collaborate frequently with North Central Texas transportation providers, Federal and state resource agencies, subject-matter expert (SME) teams, industrial producers, environmental nonprofit groups, and local governments on strategies to enhance consideration and equitable incorporation of regional economic and environmental priorities within the metropolitan transportation planning process. Engage partners in defining and quantifying methods, opportunities, risks, and benefits in applying those strategies where feasible toward innovative and sustainable design, construction activities, mitigation efforts, vulnerability alleviation, and preservation measures.
3. Provide education, enable training opportunities, and apply best practices for staff and appropriate committees on federal nondiscrimination requirements, as well as monitor and document current efforts, coordinate with public involvement, and evaluate procedures and guidance for the NCTCOG Transportation Department and its partners, as necessary. Produce and update methodologies and planning products to analyze Title VI and environmental justice compliance for North Central Texas plans, programs, and project implementation, and outline progress and/or additional steps toward transportation equity achievements, and “Justice40 Initiative” objectives.
4. Coordinate with federal, State, and local entities, as well as with internal Department sources, regarding transportation and environmental data needs, applications, collection activities, protocols, and potential linkage or consolidation possibilities in addressing transportation project development, programming, decision making, and performance. Produce planning products such as maps, databases, dashboards, methodologies, manuals, reports, and other written or visual correspondence to better inform those processes.

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7. **Goal:** Achieve multipollutant emissions reductions and improve air quality.

Funding Source: FY2023 Transportation Planning Funds (Federal Highway Administration (FHWA) Section 112 PL funds and Federal Transit Administration (FTA) Section 5303 funds), federal Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds, federal Surface Transportation Block Grant Program (STBG) funds, US Environmental Protection Agency (EPA) funds, US Department of Energy (DOE) funds, Texas Commission on Environmental Quality (TCEQ) funds, Regional Transportation Council (RTC) Local funds, and other public or private funds and in-kind contributions.

Primary Work Tasks:

1. Initiate, develop, and assist with air quality planning measures that provide demonstrating transportation conformity, development of State Implementation Plans, conducting regional greenhouse gas emissions inventory, and provide research, technical, and educational air quality related projects.^{1,2,3,4} (FHWA, FTA, TCEQ, TxDOT, Local Governments)
2. Provide support to local public and private fleets in transitioning to the cleanest available transportation technologies.^{2,3} (EPA, DOE, FHWA, TCEQ)
3. Provide technical assistance, education and best practices to help local governments, businesses, and other community stakeholders facilitate deployment of lowest-emissions and efficient technologies.^{2,3,4} (DOE, FHWA, TCEQ, Area Businesses and Community Stakeholders)
4. Carry out initiatives to reduce emissions from consumer vehicles.^{2,3,4} (DOE, FHWA, TCEQ, Nonattainment Counties)
5. Provide financial incentives for clean vehicle technologies through grants or rebates.^{2,3} (EPA, FHWA, TCEQ)
6. Administer the Dallas-Fort Worth Clean Cities Coalition.^{1,2} (DOE)
7. Complete tasks associated with local participation in data collection projects.² (DOE)
8. Implement activities to improve local government capabilities with regard to regional energy management efforts.^{1,2} (DOE, SECO)
9. Pursue competitive grants to further efforts to reduce emissions from on- and off-road sources.^{1,2,3} (DOE, EPA, FTA, FHWA, TxDOT)
10. Purchase or lease and operate and maintain a low-emission vehicle.¹
11. Coordinate with local government representatives, health officials, academic representatives, and air quality experts to evaluate data to address and develop strategies on localized air pollution relating to public health.⁴ (Local Governments)

Principal Performance Measures:

1. As necessary, develop a successful regional air quality conformity analysis incorporating new or updated projects proposed for inclusion in the Metropolitan Transportation Plan and Transportation Improvement Program (TIP) to confirm that on-road emission levels are consistent with the State Implementation Plan (SIP). Update and maintain a Mobile Source Emission Reduction Strategies database that will ensure the nonattainment area continues to meet federal requirements of timely transportation control measure implementation. Prepare and submit CMAQ annual report(s) of funded projects for use by the US Department of Transportation (USDOT). Prepare multi-pollutant emission inventories for inclusion into a comprehensive information system. Respond to technical and research requests from local municipalities, federal government agencies, NCTCOG

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policy committee representatives, and others. Actively participate in local, state, and national technical groups and committees dealing with National Ambient Air Quality Standards (NAAQS), and mobile source issues. Assist the TCEQ, EPA, local governments, and others with the development, analysis, and monitoring of elements contained in and required of the SIP, as necessary, to meet air quality requirements. Compile existing and future emission reduction control strategies for use in maintenance of air quality standards. Stay current and perform sensitivity analyses on EPA, FHWA, Federal Aviation Administration, and other model developments used in regional air quality planning. Continuously monitor and provide updates regarding lawsuits, legislative activities, the TCEQ public hearing announcements, NAAQS, and other pollutants including federal rulemaking activity. Conduct and maintain a regional greenhouse gas emissions inventory and continue work on development of a comprehensive multipollutant emissions reductions control strategy catalog toolkit.

2. Carry out administrative activities to support provision of funding for fleet activities that reduce emissions. Perform on-site auditing and monitoring visits of subrecipients and participating parties to ensure grant compliance. Promote use of programs available from NCTCOG and other agencies and assist with applications as needed. Administer a fleet recognition program. Hold meetings/webinars to educate fleets on the cleanest available transportation technologies. Facilitate events or other initiatives for fleets to experience technologies first-hand.
3. Provide planning support for deployment of electric vehicle (EV) charging and other alternative fueling infrastructure. Develop recommendations for local government actions to encourage EV adoption, such as building/parking standards and long-range goals. Promote adoption of RTC recommended policies that influence operations within local government jurisdictions. Maintain websites to provide technical and policy resources to regional stakeholders.
4. Provide information about EVs, idle reduction, proper vehicle maintenance, and other consumer-appropriate clean transportation measures at local events. Host or participate in opportunities for consumers to have hands-on experience with EVs and attend car care awareness events. Engage commercial vehicle stakeholders through a collaborative program. Support low-emission mobility options for consumers, such as EV rideshare, e-mobility, and coordination with travel demand management, transit, and sustainable development strategies. Support the Regional Emissions Enforcement Program by partnering with local law enforcement agencies to conduct on road enforcement.
5. Oversee implementation of and issue reimbursement for replacement of older, high-emitting diesel vehicles and equipment, as well as installation of electric vehicle charging stations and idle reduction technology.
6. Establish a DFW Clean Cities advisory committee. Maintain frequent stakeholder communications and current, relevant website content. Host events/meetings to advance local stakeholder knowledge and collaboration. Attend meetings and events and submit reports as expected by the Department of Energy for an active Coalition.
7. Facilitate data collection from local fleets regarding electric vehicle, charging infrastructure, and natural gas vehicle use as needed.
8. Develop, implement, and maintain strategies to improve energy management and efficiency efforts of local governments. Draft a survey to identify regional priorities, host workshops and roundtables on topics determined by survey results, maintain website resources, and create a whitepaper. Oversee completion of energy consumption reports in accordance with Texas Health & Safety Code Section 388.005(c). Comply with reporting and Justice 40 requirements.
9. Submit competitive grant proposals.

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10. Maintain and operate one low-emissions vehicle for staff business use.
11. Host meetings/webinars on related impacts of transportation pollution on public health. Leveraging time and resources to promote collaborative work on transportation impacts on local air quality and public health. Maintain platform to promote existing and pursue new research.

8. **Goal:** Continue to assist communities in the implementation of Sustainable Development initiatives such as bicycle and pedestrian planning, transit-oriented development, land use planning, economic development, parking, and community schools and transportation.

Funding Source: FY2023 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds and Federal Transit Administration [FTA] Section 5303 funds), federal Surface Transportation Block Grant Program (STBG) funds, federal Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds, Federal Transit Administration (FTA) funds, federal Regional Toll Revenue (RTR) funds, Regional Transportation Council (RTC) Local funds, and other local funds.

Primary Work Tasks:

1. Implement Sustainable Development infrastructure projects with focus on completion and close-out procedures.¹
2. Provide planning assistance for land use and transportation projects.¹
3. Provide meeting opportunities for coordination on coordinated land use/transportation planning for cities and transit agencies.¹
4. Advance strategic regional transit-oriented development (TOD) data collection and analysis, and planning assistance, as requested.¹
5. Advance the Community Schools and Transportation Program.^{1,2,3} (FHWA, TxDOT)
6. Host quarterly Regional Bicycle and Pedestrian Advisory Committee (BPAC) meetings.¹
7. Provide planning assistance for bicycle and pedestrian projects and continue mapping efforts.¹
8. Continue bicycle and pedestrian data collection and reporting.^{1,2} (FHWA)
9. Provide training and webinar opportunities to stakeholders on Sustainable Development principles such as bicycle and pedestrian safety and accessibility, land use, green infrastructure, safe routes to school/school siting, and parking.¹
10. Provide Regional Bicycle and Pedestrian Safety education and outreach.^{1,2,3,4} (FHWA, TxDOT, local governments in the Metropolitan Planning Area).
11. Finalize development of a citywide bicycle plan for the City of Irving.¹
12. Prepare and promote the development and adoption of Complete Streets policies by local jurisdictions in the region, a check list/guide for Complete Streets, and performance measures.¹
13. Continue Regional Smart Transit Corridors and Walkable Places planning.¹
14. Continue GIS mapping, analysis, and recommendations for priority investment in pedestrian and bicycle infrastructure projects located in bicycle facility priority zones in proximity to transit stations/stops/corridors.
15. Continue development of Regional Parking Management Initiatives tools and resources.
16. Initiate development of corridor level Silver Line TOD Plan for DART and corridor cities.^{1,2} (FTA)

¹ NCTCOG Measure

² Federal Measure

³ State Measure

⁴ Local Measure

Principal Performance Measures:

1. Work with local governments to implement projects by continuing oversight of design and construction on various Sustainable Development infrastructure projects. Review progress reports and invoices and provide overall project tracking and reporting of the program. Continue a focus on project closeouts.
2. Perform work related to planning technical assistance, workshops, land use and demographic analysis, review of existing conditions, policies, zoning, and code requirements.
3. Host Coordinated Land Use and Transportation Planning Task Force meetings or training opportunities during the year.
4. Develop regional data driven TOD planning resource products based on metrics such as demographics, land use policy, and development outcomes. Perform work related to planning technical assistance for TOD planning as needed by local governments.
5. Develop tools and resources and provide technical assistance related to safe routes to school and school siting, land use, and green infrastructure. Complete development of regional safe routes to school action plan.
6. Prepare meeting information and advertise for BPAC meetings. Develop agendas and presentations that provide educational information and updates on programs, projects, and funding opportunities.
7. Continue efforts to develop and fund regional trails. Provide updated mapping to the regional Veloweb, community pathways, and on-street bikeways, and provide technical assistance on community plan and project development.
8. Continue monitoring bicycle and pedestrian count data throughout the region and provide periodic reports of count data.
9. Host workshops/training sessions on Sustainable Development principles.
10. Continue regional safety outreach and promotion of LookOut Texans by providing education materials and items at events and online throughout the year.
11. Prepare recommendations and finalize the Irving citywide bike plan.
12. Continue to provide technical assistance and monitor the number of locally adopted Complete Streets policies in the region. Prepare templates and materials that encourage and support the adoption of Complete Streets policies by local jurisdictions. Prepare a regional planning approach for complete streets with associated guidance.
13. Develop pilot placemaking guide for local governments to temporarily demonstrate innovative treatments aimed at activating walking-friendly environments. Complete initial findings on jobs/housing balance in North Texas. Finalize guidance on value capture funding local best practices. Develop report on NCTCOG land banking for coordinated land use and transportation projects. Continue to refine data on walkable places in the region to provide analysis for best practices.
14. Provide planning-level recommendations and opinions of probable cost for priority implementation sections of the regional Veloweb, community trails, and sidewalk infrastructure that close significant gaps in the network and improve access to transit stations/stops/corridors, including high frequency bus routes in the Trinity Metro system.
15. Develop data-driven tools, strategies, and plans, and provide technical assistance to support management and programming of efficient parking at various locations in the region.
16. Conduct base data collection, report on existing conditions and coordinate with Silver Line TOD stakeholders. Advance work in routes to rail, jobs/housing balance analysis, and parking review. Work towards developing corridor level recommendations.

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9. **Goal:** Coordinate and support the planning for and deployment of emerging transportation technologies to improve the region’s transportation system.

Funding Source: FY2023 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds and Federal Transit Administration [FTA] Section 5303 funds), federal Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds, federal Surface Transportation Block Grant Program (STBG) funds, Texas Department of Transportation (TxDOT) funds, and Regional Transportation Council (RTC) Local funds.

Primary Work Tasks:

1. Sustain and expand current efforts to implement transportation innovations across the region.¹
2. Continue to establish initiatives to enhance and accelerate both planning and deployment of new mobility technologies across the region.¹
3. Support efforts by local, regional, state, and academic institutions to explore the impacts and planning considerations of automated transportation technologies.¹

Principal Performance Measures:

1. Encourage the deployment of automated vehicle technologies, cultivate transportation data sharing capabilities by local partners, support development of shared mobility services, educate regional decision makers and public on automated vehicle technology and planning considerations, and coordinate with local and state government entities on “smart city/smart transportation” initiatives. The Internet and other technology will be used as a tool to assist in transportation demand management.
2. Introduce and receive approval from the NCTCOG policy committee to develop a new phase of project development within the Transportation Technology and Innovation Program.
3. Develop web-based informational resources, data-driven forecasting, and modelling tools for long-range transportation planning, as well as continue to cultivate partnerships with local, regional, state, and academic entities.

10. **Goal:** Monitor and implement the Metropolitan Transportation Plan (MTP), Mobility 2045 Update, and perform planning studies to evaluate and refine roadway, transit, and freight projects recommended in the MTP.

Funding Source: FY2023 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds and Federal Transit Administration [FTA] Section 5303 funds), North Texas Tollway Authority (NTTA) funds, Texas Department of Transportation (TxDOT) funds, and public or private funds.

Primary Work Tasks:

1. Develop and monitor projects in the current long-range plan and conduct regular coordination with transportation planning partners and providers to identify potential modifications to the projects listed in the Metropolitan Transportation Plan.^{1,2,3} (FHWA, TxDOT, NTTA)
2. Monitor and evaluate potential revenue available for transportation projects between the years of 2023 and 2045.^{1,2,3} (FHWA, FTA, TxDOT)

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3. Evaluate transportation system needs and develop potential alternatives on major travel corridors between years of 2023 and 2045.^{1,2,3} (FHWA, FTA, TxDOT, NCTCOG)
4. Monitor system performance, develop and track performance measures, and incorporate performance-based planning in the implementation of the current Metropolitan Transportation Plan and the development of future Metropolitan Transportation Plans.^{1,2,3} (FHWA, FTA, TxDOT)
5. Engage the public in the process of amending and/or updating the Metropolitan Transportation Plan and provide results of the planning process.^{2,3} (FHWA, FTA, TxDOT)

Principal Performance Measures:

1. Identify, evaluate, recommend, and develop freight and multimodal improvements for implementation of the current Metropolitan Transportation Plan and any future amendments and/or updates to the plan through a collaborative process with transportation partners.
2. Document estimates of future year revenue availability using tax and revenue estimates from federal, State, local government, and private sector sources.
3. Produce reports that compare multimodal alternatives for inclusion in the Metropolitan Transportation Plan and follow-up efforts such as required environmental evaluation studies.
4. Monitor and assess transportation system performance using observed data and a variety of planning tools, including the Travel Demand Model. Monitor progress towards adopted performance targets and report performance results.
5. Develop and maintain online tools to inform and educate the public on the transportation planning process and the recommendations included in the Metropolitan Transportation Plan. Present information at committee and public meetings.

11. Goal: Enhance public transportation options and implementation in North Central Texas.

Funding Source: FY2023 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds and Federal Transit Administration [FTA] Section 5303 funds), Federal Transit Administration (FTA) funds, federal Surface Transportation Block Grant Program (STBG) funds, Texas Department of Transportation (TxDOT) funds, Regional Transportation Council (RTC) Local funds, and other public or private funds.

Primary Work Tasks:

1. Provide recommendations to the Regional Transportation Council for programming of FTA funds to support the operation of public transportation services in the region.^{1,2} (FTA)
2. Serve as the FTA Designated Recipient for Urbanized Area Formula Program (Section 5307), Bus and Bus Facilities Program (Section 5339), State of Good Repair Program (Section 5337), and Enhanced Mobility of Seniors and Individuals with Disabilities Program (Section 5310) funds on behalf of public transportation providers in the Dallas-Fort Worth-Arlington Urbanized and Denton-Lewisville Urbanized Areas.² (FTA)
3. Manage projects awarded Coronavirus Aid, Relief, and Economic Security (CARES) Act and American Rescue Plan (ARP) Act funds in the Dallas-Fort Worth-Arlington Urbanized Area.² (FTA)

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1. Serve as the lead agency for regional public transportation coordination and planning activities in the 16-county North Central Texas region.^{2,3} (FHWA, FTA, TxDOT)
2. Coordinate existing and planned transit studies and assist in planning activities, including technical assistance for service initiation and service modifications.^{2,3} (FHWA, FTA, TxDOT)
3. Coordinate transit services and implement innovative transit-related projects and programs to encourage the use of sustainable transportation options and access to public transit services.^{2,3} (FTA, TxDOT)
4. Identify and implement new and revised federal transit regulations.^{1,2} (FTA)
5. Monitor, implement, and promote the Regional Vanpool Program outlined in the Congestion Management Process (CMP) for the Dallas-Fort Worth Metropolitan Area and Metropolitan Transportation Plan (MTP) documents.^{2,3} (FTA, TxDOT)

Principal Performance Measures:

1. Develop annual Transit Section program of projects, and coordinate programming of funds in an approved Transportation Improvement Program (TIP)/Statewide Transportation Improvement Program (STIP).
2. Administer the Urbanized Area Formula Program (Section 5307), Bus and Bus Facilities Program (Section 5339), State of Good Repair Program (Section 5337), and Enhanced Mobility of Seniors and Individuals with Disabilities Program (Section 5310).
3. Obtain reimbursements for project implementation and reports summarizing compliance per federal guidance.
4. Monitor progress towards goals and strategies; continuously review data for existing and planned projects and service, to include networks, routes, and on-demand services; and facilitate task forces, working groups, and partnerships. Present data analyses, participate in public involvement activities, produce maps, document needs, identify gaps in transit service, and provide solutions to improve public transportation.
5. Perform work related to planning technical assistance, demographic analysis, review of existing conditions, and develop recommendations. Continue to monitor and manage existing consultant planning studies, review deliverables as available, and participate in the public involvement process. As studies are concluded, complete close-out procedures.
6. Identify strategic partnerships to establish or sustain transit services in the region. Develop and coordinate funding of project awards to transit services providers and public transit entities to address gaps in transit service and provide solutions to improve public transportation.
7. Provide plans and guidance to subrecipients in response to new regulations; assist transportation providers to revise policies, procedures, and plans based on new regulations.
8. Continue to manage and oversee the Regional Vanpool Program. Coordinate with transit agencies to create and promote a more streamlined program. Present data analysis, produce maps, document origin/destination of vanpools and track vanpool-related performance measures.

12. Goal: Successfully implement a performance-based planning and coordination process.

Funding Source: FY2023 Transportation Planning Funds (Federal Highway Administration (FHWA) Section 112 PL funds and Federal Transit Administration (FTA) Section 5303 funds).

¹ NCTCOG Measure

² Federal Measure

³ State Measure

⁴ Local Measure

Primary Work Tasks:

1. Review evolving rules and regulations related to federal performance-based planning and coordinate with partners on development of targets.^{2,3} (FHWA, FTA, TxDOT)
2. Support local performance planning and initiatives to assist the region in congestion, air quality and safety priorities due to limited resources.^{1,2,3,4} (FHWA, FTA, TxDOT, Local Governments)
3. Strengthen the role of data and performance measurement in transportation decision-making processes.^{2,3} (FHWA, FTA, TxDOT)

Principal Performance Measures:

1. Coordinate internal meetings among staff and monthly meetings with staff and partners. Coordinate presentations and action items for committees as needed. Adopt federal performance measure targets as required.
2. Develop trends and analyses for use in strategic planning.
3. Enhance/expand data collection, databases, analysis methodologies, and other processes to support performance-based planning efforts in the metropolitan transportation planning process. Update web-based performance measure monitoring reports.

¹ NCTCOG Measure

² Federal Measure

³ State Measure

⁴ Local Measure