

NCTCOG TRANSPORTATION DEPARTMENT FISCAL YEAR 2024 PROJECTED GOALS

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

Funding Source: FY2024 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]), 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. Complete transit survey deliverables. Plan future data and travel survey projects.¹
3. Provide support for RTM application work. Develop and maintain geographic roadway and transit network files.¹
4. Enhance the demographic forecasting process and assemble related data.¹

Principal Performance Measures:

1. Maintain and enhance the RTMs 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. Continue investigation of other complimentary models, including a time-dependent network model, non-motorized trip model, traffic analysis model, and scheduled-based dynamic traffic assignment.
 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. Complete the data visualization and final report of the 2020 Transit Onboard Survey. Develop a multiyear data and travel survey plan to gather travel behavior and travel patterns.
 3. Provide support in the use of RTMs through updates to the software application and technical assistance to model users. Develop and maintain geographic roadway and transit network files for support of Metropolitan Transportation Plan, Air Quality Conformity Analysis, specifically roadway and corridor studies.
 4. Provide updated set of programs and procedures for demographic forecasts. Document general understanding of the forecasting process. Produce forecasts of population, households, and employment for sub-county geographies for 2050. Provide support for demographic data for the existing forecast. Develop and maintain a regional inventory of land-use and demographic data.
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: FY2024 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, Texas

¹ NCTCOG Measure

² Federal Measure

³ State Measure

⁴ Local Measure

Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]), 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, TxDOT funds, Texas Water Development Board funds, and local funds.

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 up to date 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.

¹ NCTCOG Measure

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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.

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: FY2024 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]) 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 implementation, evaluation, and tracking of the CMP, including projects and programs that enhance the operation of 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 and modification requests and ensure consistency with the MTP.
2. Coordinate and oversee the Regional Safety Advisory Committee and the Regional Intelligent Transportation System (ITS) Task Force. Identify, coordinate, and host safety events, training, and/or groups, as needed. Continue the development of regional safety education and trip reduction campaigns.
3. Analyze, maintain, and request regional safety data, including crash data from TxDOT's Crash Records Information System, fatality data from the National Highway Traffic Safety Administration (NHTSA), hazardous material spill data from the National Response Center, and regional incident management response data from local first responders. Conduct crash data analysis for staff, member agencies, and the public, as requested. Monitor, attend, and participate in activities related to TxDOT Safety Performance target setting as it relates to the Metropolitan Planning Organization; and set targets, monitor, and report on Federal Highway Administration Safety Performance Measures.

¹ NCTCOG Measure

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4. Offer Traffic Incident Management First Responder and Manager training classes and an Executive Level training course. Implement and oversee activities related to the 2020 Incident Management Equipment Purchase and 2021 Incident Management Freeway Blocking Equipment Call for Projects. Monitor and track Mobility Assistance Patrol Program performance and patrol routes, route coverage, hours of operation, and the efficiency of each patrol program. Continue coordination efforts with regional Commercial Vehicle Enforcement Working Group agencies to initiate additional projects, programs, and training that improve commercial vehicle safety, as needed.
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.

Funding Source: FY2024 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]), 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 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 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. Write the aviation chapter in the Metropolitan Transportation Plan, Mobility 2050, related to implementation of programs and policies.
3. Seek funding for a new North Central Texas General Aviation and Heliport System Plan.
4. Participate in committees to share data and resources with stakeholders and support curriculum development to assist and facilitate aviation programs. Recreate the North Central Texas' Aviation Education website.
5. Host 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.

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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.

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Primary Work Tasks:

1. Begin the development of the 2025-2028 Transportation Improvement Program.^{2,3} (FHWA, FTA, TxDOT)
2. Complete the 2025-2028 Transportation Improvement Program and submit it to TxDOT and the Federal Highway Administration for approval.^{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 Release 2.0 of the TIP Development module. Continue enhancing tools/reports in TIP Modification Editing, Invoicing, and Reports modules. Continue development of Geographic Information Systems (GIS) mapping tools, Federal Highway Administration (FHWA) concurrence module, 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 through a coordinated, comprehensive, data-driven, and performance-oriented linkage of transportation and environmental planning processes based on equity, stewardship, resilience, and sustainability.

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Primary Work Tasks:

1. Assist TxDOT, the North Texas Tollway Authority (NTTA), transit authorities, and other transportation implementing entities through partnership efforts to expedite the feasibility assessment, general planning, environmental evaluation, engineering review, economic analyses, permitting/approval, prioritization, programming, construction, and performance monitoring of major freeway, toll road, managed lane (e.g., tolled express lanes, truck lanes), thoroughfare, transit, and other multimodal transportation corridor projects.^{1,2,3,4} (FHWA, FTA, TxDOT, Local Agencies)
2. Champion and encourage innovative design, energy/material uses and compositions, and construction methods for the projects maximizing cost-effective lifecycle functionality and include measures to facilitate enhanced integration between transportation and environmental mitigation, asset management, infrastructure resiliency, resource preservation, and context sensitivity.^{1,2,3,4} (FHWA, FTA, TxDOT, Local 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 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/visualization techniques to help inform, educate, and illustrate on 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 advance strategies to reduce project implementation costs, delays, and opportunity barriers for significant 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

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activities, protocols, and potential linkage or consolidation possibilities in addressing transportation project development, programming, decision making, mitigation needs, and short- and long-term performance. Produce planning products such as maps, databases, dashboards, methodologies, manuals, reports, and other written or visual correspondence to better inform those processes.

7. **Goal:** Improve air quality through multipollutant emissions reductions and increase use of cleaner transportation fuels.

Funding Source: FY2024 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]), 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)
2. Pursue competitive grants and provide financial support to local stakeholders in transitioning to the cleanest available transportation technologies.^{1,2,3} (DOE, EPA, FHWA, TxDOT, Local Governments)
3. Facilitate local stakeholder efforts to transition to alternative fuel vehicles and fuels, support alternative fuel infrastructure planning, and administer activities of the Dallas-Fort Worth Clean Cities Coalition.^{1,2,3} (DOE, FHWA, TxDOT)
4. Develop, implement, and maintain strategies to improve energy management and efficiency efforts of local governments.^{1,2,3} (DOE, SECO)
5. Coordinate development of a regional climate plan.^{1,2} (EPA)
6. Carry out initiatives to reduce emissions from consumer and commercial vehicles. 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, Nonattainment Counties)

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, Regional

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Transportation Council (RTC) 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. Coordinate in compiling 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, TCEQ public hearing announcements, NAAQS, and other pollutants, including federal rulemaking activity.

2. Submit competitive grant proposals. Promote funding opportunities related to emissions reductions, alternative fuels and energy, and assist local stakeholders in developing their own grant applications as needed. Provide financial incentives for clean vehicles or infrastructure technologies through grants or rebates.
 3. Maintain frequent stakeholder communications and current, relevant website content related to alternative fuel vehicles and infrastructure topics. Host events/meetings to advance local stakeholder knowledge and collaboration. Evaluate local fleet operations and make recommendations about vehicle technologies. Facilitate alternative fuel infrastructure planning and project development across the region. Coordinate regular meetings of the Dallas-Fort Worth (DFW) Clean Cities Advisory Committee. Establish plans, attend meetings, and submit reporting regarding DFW Clean Cities activities as expected of Clean Cities Coalitions by the Department of Energy.
 4. Host workshops and roundtables on energy-related topics and distribute related information at outreach events. Encourage completion of energy consumption reports in accordance with Texas Health & Safety Code Section 388.005(c). Promote local government participation in key energy efficiency or energy management programs (e.g., SolSmart, SECO Technical Assistance, RISE Coalition, etc.). Draft a white paper regarding resilience of electric vehicle charging.
 5. Develop a Priority Climate Action Plan for the NCTCOG region, including development of a regional greenhouse gas emissions inventory and prioritization of emissions-reduction strategies to achieve multipollutant goals. Coordinate regional stakeholders in submitting a competitive proposal for grant funding to implement regional strategies.
 6. Provide information about idle reduction, proper vehicle maintenance, and other consumer-appropriate emissions reduction measures at local events. Host or participate in opportunities for consumers to attend car care awareness events. Engage commercial vehicle stakeholders through a collaborative program. Support the Regional Emissions Enforcement Program by partnering with local law enforcement agencies to conduct on-road enforcement. Develop and promote recommendations for local government actions to encourage vehicle idle reduction. Promote adoption of RTC recommended policies that influence operations within local government jurisdictions and business fleets. Maintain websites to provide technical and policy resources to regional stakeholders, local governments, and businesses.
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: FY2024 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, Texas

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Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]), 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 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 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. ^{1,2,3} (FHWA, FTA, TxDOT)
14. Continue development of Regional Parking Management Initiatives tools and resources.
15. Continue development of corridor-level Silver Line TOD Plan for DART and corridor cities.^{1,2} (FTA)

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; green infrastructure such as the Green-Grey-Blue Program; 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 transit-oriented development (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.

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5. Develop tools and resources and provide technical assistance related to safe routes to school, school siting, and land use. Complete development of a regional safe routes to school action plan and host a 2024 Walk to School Day program.
 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 an updated mapping database for the Regional Veloweb, community pathways, and on-street bikeways, and provide technical assistance for community plans and project development.
 8. Continue monitoring bicycle and pedestrian count data throughout the region, provide data to the Texas Bicycle and Pedestrian Count Exchange, 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, action items, and the finalized Irving citywide bike plan document.
 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. 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.
 14. 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.
 15. Continue data collection and coordination with Silver Line TOD stakeholders. Advance work in pedestrian and bikeway routes to rail stations, jobs/housing balance analysis, and parking review. Develop corridor level recommendations.
9. **Goal:** Coordinate and support the planning for and deployment of emerging transportation technologies to improve the region's transportation system.

Funding Source: FY2024 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]), federal Surface Transportation Block Grant Program (STBG) funds, Regional Transportation Council (RTC) Local funds, and Transportation Development Credits.

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

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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 the 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; begin developing the next plan, Mobility 2050; and perform planning studies to evaluate and refine roadway, transit, and freight projects recommended in the MTP.

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Primary Work Tasks:

1. Monitor projects in the current long-range plan and develop projects for the next plan, conducting regular coordination with transportation planning partners and providers to identify potential modifications to the recommendations 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. Begin to develop financial forecasts for the 2050 Metropolitan Transportation Plan.^{1,2,3} (FHWA, FTA, TxDOT)
3. Evaluate transportation system needs and develop potential alternatives on major travel corridors between the years of 2023 and 2050.^{1,2,3,4} (FHWA, FTA, TxDOT, NTTA)
4. Monitor system performance, develop and track performance measures through the development of new tools, 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 developing the 2050 Metropolitan Transportation Plan and provide results of the planning process.^{2,3} (FHWA, FTA, TxDOT)

Principal Performance Measures:

1. Identify, evaluate, recommend, and develop roadway, transit, freight, and multimodal improvements for implementation of the current Metropolitan Transportation Plan and the next plan through a collaborative process with transportation partners.

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2. Document estimates of future year revenue availability using tax and revenue estimates from federal, State, local government, and private sector sources. Compile revenue sources and draft expenditures for Mobility 2050.
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.

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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, Denton-Lewisville Urbanized, and McKinney-Frisco 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)
4. 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)
5. 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)
6. Coordinate transit services and implement innovative transit-related projects and programs to encourage the use of sustainable transportation options and access to public transportation services.^{2,3} (FTA, TxDOT)
7. Identify and implement new and revised federal transit regulations.^{1,2} (FTA)
8. 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)

¹ NCTCOG Measure

² Federal Measure

³ State Measure

⁴ Local Measure

Principle 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 services, 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: FY2024 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]).

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 the transportation decision-making processes.^{2,3} (FHWA, FTA, TxDOT)

¹ NCTCOG Measure

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⁴ Local Measure

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