

TRANSPORTATION DEPARTMENT FY2021 GOALS

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

Funding Source: FY2021 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, local funds, and Transportation Development Credits.

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. Develop and maintain demographic forecasts.¹

Principal Performance Measures:

1. Maintain and enhance the existing and new Regional Travel Models, respectively called DFX and TAFT, ensuring usability and proper operation. Improve TAFT reporting capabilities. Maintain the software applications, and archive system of model versions and model runs. Develop model description documentation and training materials and conduct user training sessions. 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.
3. Plan for continuation of the 2020 Transit On-Board Survey. Analyze data acquired from the 2017 National Household Travel Survey. Initiate the Toll Road User Survey.
4. Provide support for demographic data for the existing forecast. Coordinate with local governments, process data, and create a new set of demographic forecasts with the horizon year of 2045.

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: FY2021 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, federal Department of Energy funds, federal Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds, public and/or private funds, and Transportation Development Credits.

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, including in-person and online opportunities.^{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 virtual or in-person 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, electronic email list of users and surveys to quantify effectiveness of educational campaigns. Provide graphic, 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.

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3. Goal: Reduce congestion on the roadway system and improve reliability.

Funding Source: FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits), federal Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds, federal Surface Transportation Block Grant Program (STBG) funds, Texas Department of Transportation (TxDOT) funds, Regional Transportation Council (RTC) Local funds, and Transportation Development Credits.

Primary Work Tasks:

1. Complete update of the Congestion Management Process (CMP) for the Dallas-Fort Worth Metropolitan Area. ^{2,3} (FHWA, FTA, TxDOT)
2. Monitor the integration of CMP in the Metropolitan Transportation Plan (MTP) and the Transportation Improvement Program (TIP) and improve related processes and documentation. ^{2,3} (FHWA, FTA, TxDOT)
3. Monitor, implement, and promote Travel Demand Management (TDM) strategies outlined in the CMP and MTP. Coordinate TDM activities within the region and implement TDM projects. ^{2,3} (FHWA, FTA, TxDOT)
4. Monitor, implement, and promote Transportation System Management and Operations (TSMO) strategies outlined in the CMP and MTP. Coordinate TSMO activities within the region and implement TSMO projects. ^{2,3} (FHWA, FTA, TxDOT)

Principal Performance Measures:

1. Complete update of the CMP document. Track, evaluate, and respond to CMP Project Implementation documents submitted for projects that add roadway capacity. Perform planning analysis for added-capacity roadway projects.
2. Continue to monitor new project requests and project modification requests that add capacity for MTP conformity. Hold new project and project modification requests for added capacity in the TIP until congestion mitigation strategies are included in the TIP or other funding program. Track and monitor projects in the TIP. Complete process update of CMP compliance activities as part of CMP Update effort.
3. Continue to manage and oversee the Regional Trip Reduction Program, the Try Parking It Program, Vanpool reimbursement on managed lane activities, and HOV rewards program. Promote TDM strategies and participate in employer and community outreach activities. Monitor and track TDM-related performance measures.
4. Support and assist regional partners to plan and implement strategies, promote cooperation, participate in committee meetings, and support and develop existing and new TSMO projects in the region. Provide project oversight and management for the Regional Traffic Signal Program and Minor Improvement Program.

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4. Goal: Enhance the safety and security of the transportation system.

Funding Source: FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits), federal Surface Transportation Block Grant Program (STBG) funds, federal Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds, Regional Transportation Council (RTC) Local funds, other local funds, and Transportation Development Credits.

Primary Work Tasks:

1. Coordinate and oversee committee meetings, educational events, and activities.^{1,2,3} (FHWA, FTA, TxDOT)
2. Enhance the Regional Safety Information System; collect and analyze regional crash, fatality, and Hazardous Materials data.^{1, 2, 3} (FHWA, FTA, TxDOT)
3. Manage the regional Traffic Incident Management Training Program.^{1, 2} (FHWA)
4. Coordinate and support the Mobility Assistance Patrol Program (MAPP) and Commercial Vehicle Enforcement (CVE) programs and projects.^{1, 2} (FHWA)
5. Participate in projects/activities that will reduce traffic incident clearance times and reduce crash injuries and fatalities within the region.¹
6. Provide transportation security planning services to agency and regional partners.^{2,3} (FHWA, FTA, TxDOT)

Principal Performance Measures:

1. Coordinate and oversee the activities of the Regional Safety Advisory Committee, holding four meetings per year. Identify, coordinate, and host safety and/or security-related events, training and/or groups, as needed. Participate in PWERT (Public Works Emergency Response Team) committee meetings and assist with Continuity of Operations Plan as requested.
2. Coordinate with TxDOT related to the State Crash Records Information System (CRIS) and procure Web-based mapping software application(s) to house the Regional Safety Information System data. Request, analyze, and maintain regional safety data including: crash data from TxDOT's Crash Records Information System, 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 MPO coordination; and set targets, monitor, and report on FHWA Safety Performance Measures.
3. Offer TIM First Responder and Manager training classes and Executive-Level training courses. Review monthly invoices and performance reports, maintain course material as needed, and implement instructor recruitment strategies. Implement and/or oversee activities related to the 2020 Incident Management Equipment Purchase Call for Projects.
4. Track MAPP program performance and monitor program budgets for the Dallas and Tarrant County patrols. Evaluate and monitor patrol routes, route coverage, hours of operation, and efficiency of each of the programs using performance measures. Continue

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coordination efforts with regional CVE Working Group agencies to initiate additional projects/programs that improve commercial vehicle safety. Complete the CVE Equipment and Training Program which provides portable scales to North Texas CVE departments. Host commercial motor vehicle violations training for prosecutors and judges.

5. Continue efforts to promote and track regional incident management performance measures, monitor intersection improvements of locations included in the Regional Intersection Safety Implementation Plan (ISIP) and the Texas ISIP, monitor activities for the Wrong-Way Driving Mitigation Project, monitor performance of the Safety Patrol/Incident Management Project, and continue development of a regional safety education campaign and website.
6. Provide data and refine methodologies for Critical Infrastructure/Key Resources (CIKR). Develop transportation infrastructure nominations for inclusion in the CIKR database.

5. **Goal:** Support access to and expansion of general aviation facilities and assist in the safe integration and use of unmanned aircraft systems (UAS) in the region.

Funding Source: FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits), 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. Assess the viability of the current North Central Texas General Aviation and Heliport System Plan.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 Unmanned 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.

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. Review and initiate an update to the North Central Texas General Aviation and Heliport System Plan for accuracy.

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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 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.

6. **Goal:** Develop and implement the Transportation Improvement Program, and support and facilitate the funding and implementation of transportation projects in the Dallas-Fort Worth Metropolitan Area.

Funding Source: FY2021 Transportation Planning funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]), federal Surface Transportation Block Grant Program (STBG) funds, Regional Toll Revenue (RTR) funds, and Transportation Development Credits.

Primary Work Tasks:

1. Begin development of the 2023-2026 Transportation Improvement Program (TIP).^{2,3} (FHWA, FTA, TxDOT)
2. Modify the 2021-2024 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 2023-2026 TIP/STIP.
2. Refine projects in the 2021-2024 TIP/STIPs 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 enhancements in Invoicing module. Initiate development and testing of the TIP Development module. Continue the development of the new public web mapping site in a more robust ArcGIS Online.
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.

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7. **Goal:** Expedite the advancement and delivery of regional transportation projects resulting from a coordinated, comprehensive, data-driven, and performance-oriented linkage of transportation and environmental planning processes based on equity, stewardship, and sustainability.

Funding Source: FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]), federal Surface Transportation Block Grant Program (STBG) funds, 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, prioritization, engineering review, environmental evaluation, economic analyses, permitting/approval, programming, construction, and performance monitoring 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 agencies)
2. Encourage and support innovative design and construction methods for the projects that maximize 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.^{1,2,3} (FHWA, FTA, TxDOT)
4. Continue to develop, implement, review, and refine multi-faceted analytical tools, data governance measures, 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 and track the development, delivery, condition, and performance of high-priority projects. Coordinate regularly with all partners to improve relationships, clarify roles and responsibilities, and develop and initiate strategies to reduce project implementation costs and delays for high-priority projects.
2. Collaborate frequently with North Central Texas transportation providers, federal and State resource agencies, subject-matter expert (SME) teams, industrial producers, environmental non-profit groups, and local governments on strategies to enhance consideration and 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

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³ State Measure

⁴ Local Measure

feasible toward innovative and sustainable design, construction, 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.
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.

8. Goal: Improve air quality and ensure compliance with federal standards.

Funding Source: FY2021 Transportation Planning Funds (Federal Highway Administration (FHWA) Section 112 PL funds, Federal Transit Administration (FTA) Section 5303 funds, and Texas Department of Transportation (TxDOT) matching funds in the form of Transportation Development Credits), 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, and provide research, technical, and educational air quality related projects. ^{1,2,3,4} (FHWA, FTA, TCEQ, TxDOT)
2. Develop, implement, assist, and promote strategies and policies/best practices that reduce emissions from fleets and other commercial vehicles. ^{2,3} (EPA, DOE, FHWA, TCEQ)
3. Develop, implement, assist, and promote policies and other measures available to local governments and businesses that help facilitate deployment of lowest-emissions and efficient technologies. ^{2,3} (DOE, FHWA)
4. Develop, implement, assist, and promote initiatives to reduce emissions from consumer vehicles. ^{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

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² Federal Measure

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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 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, 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. 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.

2. Facilitate fleet and commercial vehicle technology improvements, such as vehicle/equipment replacements, alternative fuel or electrified parking infrastructure development, and other technology upgrades that reduce emissions. Administer and/or promote funding initiatives for fleet upgrades. Host or participate in workshops/meetings, trainings, webinars, loaner programs, and ride-and-drives for local fleets and commercial vehicle stakeholders to be exposed to and educated about advanced technologies and emissions-reducing strategies. Provide technical support to fleets in identifying grant opportunities, appropriate technologies, and setting policies/goals. Perform on-site auditing and monitoring visits of subrecipients and participating parties to ensure grant compliance. Engage fleets and commercial vehicle stakeholders through collaborative programs. Evaluate oversize/overweight heavy-duty diesel vehicle compliance by identifying and assessing associated emissions. Procure, operate and maintain department vehicles for staff use in department business. Identify and pursue opportunities for demonstration of new measures to improve efficiency and reduce emissions as appropriate.
3. Collaborate with local, state, and national stakeholders to identify and execute policy-related and community readiness strategies related to reducing emissions impacts from transportation and related sources. Promote local government adoption of RTC-recommended policies that influence operations within their jurisdictions. Develop template documents and guidance for regulatory changes that support deployment of the lowest-emissions technologies. Maintain websites to provide technical and policy resources to regional stakeholders. Evaluate new areas where regional policy development may be appropriate and incorporate policy statements in the Metropolitan Transportation Plan policy bundle, as applicable.
4. Develop and implement projects to inform the public and seek behavior change to reduce vehicle emissions. Host or participate in events to educate and expose the public to new vehicle technologies. Support the Regional Emissions Enforcement Program by partnering with local law enforcement agencies to conduct on-road enforcement, and pursuing improvements through local, regulatory, and legislative means. Identify and

¹ NCTCOG Measure

² Federal Measure

³ State Measure

⁴ Local Measure

pursue opportunities for demonstration of new measures to improve efficiency and reduce emissions as appropriate.

- 9. 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: FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits), federal Surface Transportation Block Grant Program (STBG) funds, federal Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds, Federal Highway Administration (FHWA), Federal Transit Administration (FTA) funds, Regional Toll Revenue (RTR) funds, Regional Transportation Council (RTC) Local funds, other local funds, and Transportation Development Credits (TDCs).

Primary Work Tasks:

1. Contract and implement Sustainable Development infrastructure projects.¹
2. Continue coordination and implementation on existing planning studies and focus on completion and close-out procedures.¹
3. Provide planning assistance for land-use and transportation projects, including transit-oriented development (TOD) projects.¹
4. Provide meeting opportunities for coordination on coordinated land use/transportation planning for cities and transit agencies.¹
5. Complete all products for the FTA TOD Planning Project.^{1,2} (FTA)
6. Advance the Community Schools and Transportation Program.^{1,2} (FTA)
7. Host quarterly Regional Bicycle and Pedestrian Advisory Committee (BPAC) meetings.¹
8. Provide planning assistance for bicycle and pedestrian projects and continue mapping efforts.¹
9. Continue bicycle and pedestrian data collection and reporting.^{1,2} (FHWA)
10. Provide training and webinar opportunities to stakeholders on sustainable development principles such as Bicycle and Pedestrian Safety and Accessibility, Land Use, School Siting and Safe Route to School, Green Infrastructure, Parking, etc.¹
11. Provide Regional Bicycle and Pedestrian Safety education and outreach.^{1,2,3,4} (FHWA, TxDOT, local governments in the Metropolitan Planning Area)
12. Continue developing a Regional Pedestrian Safety Plan.^{1,2,4} (FHWA, local governments in the Metropolitan Planning Area)
13. Initiate Regional Smart Transit Corridors and Walkable Places planning.¹
14. Initiate Regional Parking Management Initiatives.¹

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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.
 2. 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.
 3. Perform work related to planning technical assistance, workshops, land-use and demographic analysis, parking, review of existing conditions, policies, zoning, and code requirements.
 4. Host a minimum of two Coordinated Land Use and Transportation Planning Task Force meetings or trainings during the year.
 5. Complete work to identify needs at the 28 stations of the study, develop priority corridors and improvement recommendations and costs. Continue coordination with city partners and DART.
 6. Develop tools and resources and provide technical assistance. Host a minimum of one large training to discuss regional issues related to school siting and transportation connections. Develop additional safe route to school plans and a regional safe routes to school action plan.
 7. Prepare meeting information and advertise for four BPAC meetings annually. Develop agendas and presentations that provide educational information and updates on programs, projects, and funding opportunities.
 8. 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.
 9. Produce an annual bicycle and pedestrian count report.
 10. Host a minimum of two workshops/training sessions on sustainable development principles.
 11. Continue regional safety outreach and promotion of LookOut Texans by providing education materials and items at events and online throughout the year.
 12. Continue development of a regional pedestrian safety plan, including analysis and recommendations to improve safety and connectivity and develop roadway safety audit locations.
 13. Develop multimodal planning reports and regional guidance documents to improve coordinated land use and transportation planning for current and future areas of interest.
 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.
- 10. Goal:** Coordinate and support the planning for and deployment of automated vehicles to improve the region's transportation system.

Funding Source: FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits), federal Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds, federal Surface Transportation Block Grant Program (STBG) funds, Texas

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Department of Transportation (TxDOT) funds, Regional Transportation Council (RTC) Local funds, and Transportation Development Credits (TDCs).

Primary Work Tasks:

1. Sustain and expand current efforts to implement transportation innovations across the region.¹
2. Establish initiatives to enhance and accelerate both planning and deployment of automated vehicles 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.
2. Select consultant expertise to launch regional automated vehicle planning initiatives.
3. Develop web-based informational resources; workforce impact research studies; and data-driven forecasting and modelling tools for long-range transportation planning; as well as cultivate partnerships with local, regional, state, and academic entities.

- 11. Goal:** Develop and monitor the Metropolitan Transportation Plan (MTP) and perform planning studies to evaluate and refine roadway, transit, and freight projects recommended in the MTP.

Funding Source: FY2021 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]), North Texas Tollway Authority (NTTA) funds, TxDOT funds, and public or private funds.

Primary Work Tasks:

1. 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 2022 and 2045.^{1,2,3} (FHWA, FTA, TxDOT)
3. Evaluate transportation system needs and develop potential alternatives on major travel corridors between years of 2022 and 2045.^{1,2,3} (FHWA, FTA, TxDOT, NTTA)

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4. Monitor system performance, develop and track performance measures, and incorporate performance-based planning in the development of Metropolitan Transportation Plan.^{1,2,3} (FHWA, FTA, TxDOT)
5. Engage the public in the process of updating the Metropolitan Transportation Plan and provide results of the planning process.^{2,3} (FHWA, FTA, TxDOT)

Principal Performance Measures:

1. Identify projects, evaluate, recommend, and develop freight and multimodal improvements for inclusion in the Mobility Plan Update through a collaborative process with transportation partners.
2. Document estimates of future-year revenue availability using tax and revenue estimates from federal, state, and local government 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 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.

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

Funding Source: FY2021 Transportation Planning Funds (Federal Highway Administration [FHWA] Section 112 PL funds, Federal Transit Administration [FTA] Section 5303 funds, and Texas Department of Transportation [TxDOT] matching funds in the form of Transportation Development Credits [TDCs]), Federal Transit Administration (FTA) funds, federal Surface Transportation Block Grant Program (STBG) funds, Texas Department of Transportation (TxDOT) funds and in-kind matching funds in the form of Transportation Development Credits, 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 Job Access/Reverse Commute Program (Section 5316) and New Freedom Program (Section 5317) funds in the Dallas-Fort Worth-Arlington and Denton-Lewisville Urbanized Areas.² (FTA)
4. Serve as the lead agency for regional public transportation coordination and

¹ NCTCOG Measure

² Federal Measure

³ State Measure

⁴ Local Measure

- planning activities in the 16-county North Central Texas region.^{2,3} (FTA, TxDOT)
5. 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)
 6. Identify and implement new and revised federal transit regulations.^{1,2} (FTA)
 7. 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} (STBG, 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 project compliance including any needed corrective actions for subrecipients awarded funding for Job Access/Reverse Commute and New Freedom projects.
4. Conduct meetings; participate in task forces, working groups, and coordinating committees; and facilitate 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. 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.
6. Provide plans and guidance to subrecipients in response to new regulations; assist transportation providers to revise policies, procedures, and plans based on new regulations.
7. Continue to manage and oversee the Regional Vanpool Program. Coordinate with transit agencies to create and promote a more streamlined program. Monitor and track vanpool-related performance measures.

¹ NCTCOG Measure

² Federal Measure

³ State Measure

⁴ Local Measure