

DRCOG End-of-Year UPWP Status Report

FY 2022 Unified Planning Work Program Activity
October 1, 2021 through September 30, 2022

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OBJECTIVE 1.0 PROGRAM ADMINISTRATION AND COORDINATION

Activity 1.1 Direct Program Management

Activity 1.1 Tasks	Activity 1.1 Status
Supervise DRCOG personnel assigned MPO planning work. Monitor staff work on the UPWP	<ul style="list-style-type: none"> • Ongoing
Monitor internal strategic management and performance measurement system	<ul style="list-style-type: none"> • Developed draft activity tracking tool • Prepared quarterly performance measures
Prepare and maintain adequate records of correspondence, purchasing, and contracts	<ul style="list-style-type: none"> • Ongoing
Routine personnel, office, and administrative activities	<ul style="list-style-type: none"> • Interviewed, hired, and provided onboarding activities for multiple positions (Safety/Regional Vision Zero Planner, Senior Mobility Planner, Emerging Mobility and TDM Planner, Crash Data Consortium Senior Planner, transportation planner (4 positions; have only been interviewed), two regional plan implementation planners, GIS Analyst) • Developed and implemented TPO and RPD division re-organization • Participate in organizational conversations related to improving recruitment ads and outward facing recruitment web pages • Organized and updated contacts for more effective communication • Participated in organizational conversations related to office configuration solutions to accommodate growing staff

Activity 1.2 DRCOG Staff Training and Development

Activity 1.2 Tasks	Activity 1.2 Status
Provide training in-house and offsite for DRCOG staff	<ul style="list-style-type: none"> • Participated in the following (in-house and off-site): <ul style="list-style-type: none"> ○ National Highway Institute ITS Awareness Web-based Training ○ CDOT Local Agency process training ○ WTS Mid-Career Leadership Program ○ CDOT Bicycle Facility Design Training ○ CDOT Roadway Data Improvement Program (RDIP) workshop ○ Researched training courses in qualitative research (mobile ethnography, online focus groups, and social media tracking)

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Attend webinars

- Attended webinars related to UPWP tasks and federal metropolitan planning factors, including:
 - AMPO Public Involvement Working Group Meetings
 - AMPO Performance-Based Planning and Programming Working Group Meetings
 - AMPO GIS and Data Visualization Working Group Meetings
 - AMPO Emerging Technologies Working Group Meetings
 - AMPO Socioeconomic Modeling Working Group Meetings
 - Mobility Data Interoperability Principles
 - FHWA/ITE Curbside Inventory Report Webinar
 - DME The Future of Autonomous Vehicles
 - DME Drones, UAS, and Air Taxis
 - TRB Women in Motion Webinar Series
 - Kentucky Transportation Cabinet on Online Public Engagement Strategies Webinar
 - Planning Webcast Series: Planning for Innovation in Transportation
 - Smart Growth Network: National Models and Methods for Achieving Equitable Development
 - MPO socio-economic modeling forums (hosted by MAG, PSRC, and now an AMPO working group)
 - ArcGIS Pro training series for new hires
 - GCoM USA Helpdesk webinar series
 - Rocky Mountain Land Use Institute-RoundUp series
 - MPO Equity Working Groups (multiple)
 - The Safe System Approach in Action
 - National Roadway Safety Strategy Launch
 - Updated HSIP Guidance under BIL
 - Safe Streets and Roads for All Grant
 - CDOT STSP Crash Data Resources
 - Road to Zero Annual Meeting
 - 2022 FHWA Complete Streets Training Workshop
 - FTA Flex Funding Overview
 - USDOT Getting Ready for SMART Grant Program
 - Shared Mobility and GHGs
 - Carbon Reduction Program
 - Inequities within Planning and What We Can Do

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Activity 1.2 Tasks	Activity 1.2 Status
	<ul style="list-style-type: none"> ○ FHWA Intersection Guide for Bikes and Pedestrians ○ FHWA Lighting for Pedestrian Safety
Attend virtual in-state and out-of-state conferences	<ul style="list-style-type: none"> • Attended in-state and out-of-state conferences related to UPWP tasks and federal metropolitan planning factors, including: <ul style="list-style-type: none"> ○ International Association for Public Participation Annual North American Conference (virtual) ○ Rocky Mountain Land Use Institute annual conference and workshops 2022 (virtual) ○ 2021 Annual State Demography Summit ○ 2021 AMPO Annual Conference (in-person) ○ 2022 AMPO Planning Tools and Training Symposium (in-person) ○ FHWA Complete Streets training (virtual) ○ 2021 Colorado Transportation Symposium ○ 2022 Colorado Transportation Symposium ○ 2022 APA Colorado Annual Conference (in-person) ○ 2022 Association of Traffic Safety Information Professionals (ATSIP) Traffic Records Forum (TRF) (in-person) ○ 2022 GIS in the Rockies (in-person) ○ 2022 Esri User Conference (in-person) ○ CDOT Pedestrian Facility Design Training (virtual) ○ CDOT Bicycle Facility Design Training (virtual) ○ FHWA Peer Exchange on MPOs Role in Planning for Equitable Shared Mobility (virtual) ○ USDOT V2X Communications Summit (virtual)

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Activity 1.3 Unified Planning Work Program

Activity 1.3 Tasks	Activity 1.3 Status
Manage and administer the FY2022-2023 Unified Planning Work Program	<ul style="list-style-type: none"> Processed two amendments to the FY 2022-2023 UPWP (February 2022 and September 2022) Monitored UPWP activities, tasks, and deliverables
Develop and adopt the FY2024-2025 Unified Planning Work Program	<ul style="list-style-type: none"> No activity in this reporting period; begins Jan/Feb 2023
Evaluate progress on the UPWP	<ul style="list-style-type: none"> FY 2021 UPWP end-of-year report and FY 2022 mid-year report completed

Activity 1.3 Deliverables	2022
FY 2021 UPWP end-of-year report	<ul style="list-style-type: none"> Completed and distributed end-of-year report
FY 2022 UPWP mid-year report	<ul style="list-style-type: none"> Completed and distributed mid-year report

Activity 1.4 MPO Compliance

Activity 1.4 Tasks	Activity 1.4 Status
Support and participate in DRCOG’s transportation policy, planning, and programming committees with agendas, meeting logistics, maintenance of membership, and miscellaneous communications	<ul style="list-style-type: none"> Held 11 Regional Transportation Committee (RTC) meetings, 13 Transportation Advisory Committee (TAC) meetings and 1 TAC special work session, 13 DRCOG Board meetings, 7 Board Work Sessions, 8 Agency Coordination Team (ACT) meetings, and 8 (air quality) Interagency Coordination Group (ICG) meetings Prepared ~400 agenda memos and associated attachments Initiated TAC discussion about updating/revising DRCOG Committee Guidelines
Incorporate guidance and participate in procedural efforts involving state and federal agencies on the regional transportation planning process, including addressing public involvement, environmental justice, and Title VI/Limited English proficiency/ADA Access	<ul style="list-style-type: none"> Participated in conversations with CDOT and other MPOs related to state GHG reduction targets and MPO planning process Submitted update of Title VI Implementation Plan, Limited English Proficiency Plan, and ADA Program Access Plan to TrAMS Continued work to develop accessible and inclusive documents, public engagement processes, and DRCOG meeting participation processes Developed and implemented an agency translation policy Participated in FHWA’s Equity Tools Technical Working Group

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Activity 1.4 Tasks	Activity 1.4 Status
Update the Transportation Planning in the Denver Region document and accompanying Planning MOA	<ul style="list-style-type: none"> Continued updating/revising the Transportation Planning in the Denver Region (Transportation Planning Framework) document in partnership with CDOT and RTD
Develop and implement new equity analysis methodology that complies with state and federal regulations	<ul style="list-style-type: none"> Developed new marginalized and disproportionately impacted communities (DIC) datasets using Census ACS data Investigated margin of error and data reliability in assessing marginalized communities Investigated dot density mapping to supplement thresholds analysis methods Developed new mapping methods of people of color and people with low-income to create an EJ zones dataset Investigating index analysis of ACS demographics variables to enhance project evaluation and prioritization practices Investigating benefits/burdens analysis to enhance project evaluation and prioritization practices Presented findings and work at multiple meetings
Address items that were contained within the 2020 joint FHWA and FTA Quadrennial Review of the MPO Planning Process	<ul style="list-style-type: none"> Several recommendations related to financial planning and fiscal constraint are completed. Other efforts are underway

Activity 1.4 Deliverables	2022
Updated complaint procedures and forms	<ul style="list-style-type: none"> Completed update to nondiscrimination complaint procedures Beginning translation of nondiscrimination complaint procedures
Updated Transportation Planning in the Denver Region and Planning MOA	<ul style="list-style-type: none"> Content draft completed in September; currently conducting copy-editing and design for committee review

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OBJECTIVE 2.0 PLANNING COORDINATION AND OUTREACH

Activity 2.1 DRCOG Public Engagement and Outreach

Activity 2.1 Tasks	Activity 2.1 Status
Implement engagement and outreach strategies identified in the Public Engagement Plan and monitor and evaluate the effectiveness	<ul style="list-style-type: none"> • Implemented a variety of different engagement and outreach strategies for the 2050 RTP, TIP, and Regional Complete Streets Toolkit, including interactive online mapping, paid social media advertising, surveys, and continuation of new advisory groups
Conduct public hearings, forums, meetings, workshops, and others to gather input and public comment and/or inform the public regarding major planning products identified in the UPWP	<ul style="list-style-type: none"> • 2050 RTP: <ul style="list-style-type: none"> ○ Reinstated the Civic Advisory Group (met March-August 2022) ○ Subregional transportation forum meetings ○ Five virtual public meetings • Continued monthly Regional Vision Zero work group meetings • Held two public comment periods for TIP Call for Projects #1 and #2 (Regional and Subregional Share for the 2022-2025 TIP) • Held public comment period (Aug. 7-Sept. 6) and public hearing (Sept. 7) for updated 2050 RTP
Create and maintain various DRCOG web pages and other communications materials to inform the public of adopted documents, program amendments, and opportunities to offer comments. Revitalize DRCOG web properties through a website refresh project	<ul style="list-style-type: none"> • Maintained all the following main landing web pages, and all associated pages under, including: <ul style="list-style-type: none"> ○ Metro Vision ○ Data, Maps and Modeling ○ Regional Data Catalog ○ Transportation Planning ○ AMP ○ TIP Hub Site for sponsors and public comment ○ Online public engagement site and project-based sites (e.g., 2050 RTP Social Pinpoint site) • Hired a consultant to help with web maintenance
Hold the Civic Academy, a program to educate participants about regional issues and empower them to participate in civic decision-making	<ul style="list-style-type: none"> • Implemented rebranding plan and approach – transition from Citizens’ Academy to Civic Academy • The spring Civic Academy was postponed due to staff transitions. The Academy was reinstated in fall of 2022

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Activity 2.1 Tasks	Activity 2.1 Status
Investigate the feasibility of methods to increase public involvement, including integrating interactive virtual technologies and exploring additional equity-based community outreach opportunities	<ul style="list-style-type: none"> • Continued to investigate and evaluate engagement tactics and platforms • Reevaluated existing engagement platforms to ensure they're the most viable option and are being used to their fullest capacity • Investigating environmental justice stakeholder engagement strategies
Give presentations or short courses to community, advocacy, and other interest groups, as requested	<ul style="list-style-type: none"> • Presented to various groups including: <ul style="list-style-type: none"> ○ Leadership Douglas County Transportation Panel 01/05/22 ○ City of Englewood: Complete Streets 01/19/22 ○ UC Denver MURP Lecture on Regional Transportation Planning 04/13/22 ○ Urbanism Next Webinar Panel on MPOs and Micromobility

Activity 2.2 Deliverables	2022
Annual Report of Public Engagement Activities	<ul style="list-style-type: none"> • No 2021 report due to staff transitions, 2022 report anticipated in early 2023

Activity 2.2 Local Government and Stakeholder Education, Outreach, and Support

Activity 2.2 Tasks	Activity 2.2 Status
Educate local governments and other interested parties about the DRCOG transportation planning process, federal regulations, and associated documents	<ul style="list-style-type: none"> • Ongoing, including: <ul style="list-style-type: none"> ○ City of Englewood: DRCOG 101 for new sustainability staff 1/9/2022

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Activity 2.2 Tasks	Activity 2.2 Status
<p>Meet with local governments about their transportation planning issues and needs and provide support and technical assistance as necessary</p>	<ul style="list-style-type: none"> • Attended ongoing JEFFTAAG, JPAC, STRAC, and NATA meetings • Attended CDOT and local agency TIP project meetings (Denver, Broomfield) • Attended subregional technical committees and forums • Held discussions with local governments regarding TIP project concepts for ongoing calls for projects • Attended CDOT 4P meetings • Participated on Lone Tree’s Mobility Hub project team • Participated on Boulder’s Curbside Management Policy and Program project team • Eastlake Streetscape Conceptual Plan Technical Steering Committee (Thornton) • Castle Rock Downtown Alley Master Plan stakeholder discussion meetings • Met with Boulder County to discuss urbanized area information 11/10/2021 • Met and coordinated with Denver staff to discuss Denver Moves Everyone
<p>Meet and coordinate with local governments, and their planning and development partners, about local planned growth and development patterns; seek feedback on small area forecasts of households and employment, as needed</p>	<ul style="list-style-type: none"> • Initiated the Small-Area Forecast Working Group and convened three group meetings • Met with Aurora to discuss barriers to transit-oriented development at the 13th Avenue Station 3/30/2022 • Met with the Adams County Comprehensive Plan project management team 10/20/2021 • Met with Longmont planning staff and new community development director • Met with consultants for Northwest Parkway to discuss the latest small-area forecast 2/15/2022 • Refreshed the local government planning roster • Participated in the Commerce City comprehensive plan technical advisory group • Met with Adams County planning staff to answer questions about urban growth and the Strasburg area plan • Met with Brighton planning staff to answer questions about urban growth and Metro Vision

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Activity 2.2 Tasks	Activity 2.2 Status
Facilitate forums and educational opportunities for local government staff, data professionals, and other stakeholders to collaborate and exchange information	<ul style="list-style-type: none"> • Maintained webpages (including factsheets) for data acquisition projects (imagery, lidar, planimetric data, land use land cover) • Idea Exchange Webinars: <ul style="list-style-type: none"> ○ Counting the Future 12/9/2021 ○ Make small plans: State-funded opportunities for quick-wins in your community 5/4/2022 ○ Park and Ride: The Transportation-Recreation Connection 9/7/2022
Pilot a new transportation-land use connection technical assistance program for local agencies	<ul style="list-style-type: none"> • Scoped and initiated new pilot program to provide technical assistance to local governments regarding the transportation-land use connection, focusing on plan reassessment • Ran open process to recruit three projects from local governments: <ul style="list-style-type: none"> ○ Ralston Road multimodal corridor and urban center connectivity and land use reassessment in Arvada ○ Clear Creek Valley transit-oriented development plan re-evaluation in Adams County ○ Englewood Station multimodal corridor conceptual planning and design in Englewood • Received bids for consultant services to assist and initiated the contracting process
Host and convene the DRDC, an open and voluntary committee made up of GIS professionals interested in collaborative data initiatives	<ul style="list-style-type: none"> • Held Data Consortium meetings (11/18, 3/24) • Issued newsletters (10/15, 1/15, 4/15, 7/15)

Activity 2.3 Regional Planning Coordination

Activity 2.3 Tasks	Activity 2.3 Status
Maintain communication, coordinate, and exchange information with partners on planning for transportation facilities and services adjacent to mutual border; attend Statewide MPO Committee meetings; coordinate with neighboring MPOs on growth and development forecasting; work with federal partners to strengthen coordination around transportation issues on federal lands	<ul style="list-style-type: none"> • Maintained communication and exchanged information • Attended all statewide MPO and STAC meetings • Met with NFRMPO staff to share information on UrbanSim validation 3/24/2022

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Activity 2.3 Tasks	Activity 2.3 Status
Host the Agency Coordination Team (ACT) and Interagency Consultation Group (ICG), and participate in CDOT and RTD regularly-scheduled meetings in order to facilitate communication among planning partners	<ul style="list-style-type: none"> • Hosted ACT/ICG meetings and independent ICG meetings • Attended CDOT R1/DRCOG quarterly meetings • Attended bimonthly STRAC meetings • Attended R4/DRCOG communities quarterly meetings • Held TIP/STIP-only CDOT R1/DRCOG quarterly meetings between planning staff
Monitor, participate, and assist with statewide or interregional transportation planning activities, corridor studies, NEPA studies, Planning & Environmental Linkage Studies (PELs), and funding opportunities. Implement or incorporate outcomes into planning documents as appropriate	<ul style="list-style-type: none"> • Attended, provided information for, and monitored numerous interregional studies • Attended, provided information for and/or monitored regional planning efforts, including: <ul style="list-style-type: none"> ○ US-85 N Interchanges, Belleview EA, I-25 Central Corridor, 1601s (Harvest, Airpark-Watkins), Floyd Hill, SH-52 PEL, East 88th Ave, Santa Fe Dr. PEL, N. I-25: SH-7 to SH-66, I-270 Corridor Improvements Study, I-270/I-70 Direct Connect, Denver Moves Everyone, US-285 TAC, CDOT R1 and R4 Bike/Ped Safety Studies, SH-7 Corridor Coalition, Crystal Valley/I-25, Lincoln Ave/I-25, Happy Canyon/I-25, 23rd & Speer at I-25, East Colfax BRT, Northwest Rail Peak Service Study, Coffman Street Busway, and I-76/WCR 8 Interchange, Parker Road Safety Study, I-70 East Corridor Multimodal TDM Plan ○ Updated corridor study tracking spreadsheet and started process of turning this into public webmap
Provide model components and outputs to planning partners, local governments, or consultants conducting NEPA or other studies	<ul style="list-style-type: none"> • Provided model information for: <ul style="list-style-type: none"> ○ Local Plans: Thornton, Arapahoe County, Denver, RTD, and Firestone ○ Studies: SH-119 T&R, US-285 & Broadway Interchange, I-270 Corridor Improvements, Colfax Transit Implementation, I-70 & Harvest Rd Interchange, and Smoky Hill Rd Study, and Crystal Valley/Lincoln Ave./Happy Canyon 1601 studies, SH-7 Land Use Analysis. I-270/I-70 Direct Connect
Participate in and/or monitor the state transportation-related enterprises and committees including High-Performance Transportation Enterprise, Statewide Bridge Enterprise, CDOT Transit & Rail Advisory Committee, CDOT Efficiency & Accountability Committee, State Transportation Advisory Committee, Southwest Chief & Front Range Passenger Rail	<ul style="list-style-type: none"> • Attended all TRAC meetings • Attended all scheduled STAC meetings • Attended remaining monthly meetings of the Colorado Southwest Chief & Front Range Passenger Rail Commission and new Front Range Passenger Rail District Board

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Activity 2.3 Tasks	Activity 2.3 Status
Commission/Front Range Passenger Rail District Board, and others as appropriate	<ul style="list-style-type: none">• Solicited and appointed DRCOG's representatives to the new Front Range Passenger Rail District Board per SB-238, and assisted with transition activities between the current Commission and new Board• Attended meetings of the HPTE Central 70 Tolling Equity Program
Participate in regional transportation funding initiative	<ul style="list-style-type: none">• Attended meetings with Metro Mayors Council and others regarding potential regional transportation strategies, needs, and options
Consult with housing agencies and incorporate housing into the transportation planning process	<ul style="list-style-type: none">• Prepared information for the DRCOG Board about housing in the region
Coordinate with CDOT and the US Department of Defense to identify any needed updates to the federal-aid highway system, including to the Strategic Highway Network (STRAHNET).	<ul style="list-style-type: none">• No requested activity in this reporting period

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OBJECTIVE 3.0 LONG RANGE AND MULTIMODAL PLANNING

Activity 3.1 Metro Vision Plan – Collaboration and Implementation Assistance

Activity 3.1 Tasks	Activity 3.1 Status
<p>Convene and facilitate local governments to form issue- and/or geography-based cohorts to identify and pilot initiatives affecting growth, development, economic vitality, and quality of life</p>	<ul style="list-style-type: none"> • Concluded local government cohort focused on inclusionary zoning – held fourth and final meeting during reporting period, published report • Prepared material for board consideration at workshop to help prioritize near-term strategic direction that included these topics
<p>Participate in regional partnerships that advance Metro Vision outcomes and objectives through direct involvement, sponsorship, events, workshops, or other collaboration</p>	<ul style="list-style-type: none"> • Staff served on: <ul style="list-style-type: none"> ○ Metro DNA committees and workshops ○ ULI Colorado Urban Mobility and Development (formerly TOD) Committee ○ American Planning Association – Regional and Intergovernmental Planning Division (Exec. Committee) ○ American Planning Association – Foresight Community ○ Lifelong Colorado Steering Committee ○ RAQC Climate Advisory Workgroup ○ Colorado Outdoor Regional Partnerships – Plan Development Coalitions ○ HB21-1271 Incentives Grant Program ○ AMPO GIS and Data Visualization Working Group ○ AMPO Socioeconomic Modeling Working Group • Coordinated with planning staff from CDPHE on Colorado’s State Physical Activity and Nutrition (SPAN) program to identify opportunities for collaboration and connecting with member governments • ULI DRCOG-sponsored Technical Advisory Panel conducted for Commerce City at 72nd Station report published • ULI DRCOG-sponsored Technical Advisory Panel conducted for South Platte River Corridor report published
<p>Maintain Metro Vision through member-sponsored plan amendments as well as other amendments to ensure consistency between Metro Vision and other regional initiatives</p>	<ul style="list-style-type: none"> • No activity during this reporting period

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Activity 3.1 Tasks	Activity 3.1 Status
Build the capacity of local governments and other stakeholders to implement Metro Vision by creating, curating, and/or sharing self-assessment tools, case studies, and other implementation resources	<ul style="list-style-type: none"> • Shared information and data resources with Commerce City Comprehensive Plan staff • Advised Westminster on how they could use the Boomer Bond self-assessment to evaluate the needs of older adults including age-supportive housing and mobility needs • Provided Golden staff the Boomer Bond self-assessment, evaluating housing, mobility, and other needs related to aging in place, and reviewed their findings and presentation to Golden council • Featured projects that help implement Metro Vision with Metro Vision awards at annual awards celebration • Encouraged local governments to apply for funds available from DOLA after HB21-1271 to reduce barriers to affordable housing production
Organize attention around key geographies identified in Metro Vision and the MVRTP for use in regional and local planning and implementation activities (i.e., urban centers, high-opportunity areas)	<ul style="list-style-type: none"> • No activity during this reporting period

Activity 3.1 Deliverables	2022
Amendments (if any) to Metro Vision	<ul style="list-style-type: none"> • No amendment process during reporting period

Activity 3.2 Metro Vision Plan – Research and Performance Management

Activity 3.2 Tasks	Activity 3.2 Status
Routinely analyze and share progress on Metro Vision outcomes, including documentation of successes, ongoing challenges, and regional issues	<ul style="list-style-type: none"> • Published regional data briefs highlighting challenges in the region: <ul style="list-style-type: none"> ○ Data Brief – COVID's effects on construction ○ Data Brief – COVID-19 pandemic's effect on high-frequency transit • Updated the Performance Measure Status Report for 2020
Provide data, tools, and information that support local and regional plans and initiatives to address regional issues and help achieve Metro Vision	<ul style="list-style-type: none"> • Updated datasets related to MV objectives available on the Regional Data Catalog • Surveyed local governments on potential responses to state bills that would affect local zoning and housing policy

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Activity 3.2 Tasks	Activity 3.2 Status
Collect, compile, and purchase data in support of Metro Vision performance measurement	<ul style="list-style-type: none"> • Purchased employment data from the Colorado Department of Labor and Employment in support of Metro Vision metrics (December 2021) • Purchased Construction Monitor (November 2021) • Completed the 2022 annual data collection for gathering information from local governments
Develop, maintain, and update the Denver Regional Visual Resources that allow internal and external users to explore and consume information	<ul style="list-style-type: none"> • Updated and redesigned the Community Profiles visualization • Streamlined existing visualizations in advance of larger redesign project
Work with local governments and other stakeholders to understand the need for data, tools, and other enhancements that improve the ability to explore, consume, and contribute to regional data products	<ul style="list-style-type: none"> • Performed local government outreach to understand crash data needs • Advised Metro Denver Nature Alliance on conservation assessment and equity assessment studies • Advised technical group of state-level staff on approach in identifying disproportionately impacted communities
Support regional and local scenario analysis, including impacts of alternative land use and development patterns	<ul style="list-style-type: none"> • No activity during this period

Activity 3.2 Deliverables	2022
Metro Vision performance measure status report	<ul style="list-style-type: none"> • Updated the Performance Measure Status Report for 2020
Community and Legislative Profiles redesign and update	<ul style="list-style-type: none"> • Updated community profiles
Regional Data Briefs	<ul style="list-style-type: none"> • Data Brief – COVID's effects on construction • Data Brief – COVID-19 pandemic's effect on high-frequency transit

Activity 3.3 Metro Vision Regional Transportation Plan

Activity 3.3 Tasks	Activity 3.3 Status
Solicit and process (if needed) amendments to the 2050 MVRTP annually or as needed; assist local governments and other project sponsors with plan amendment questions and procedures	<ul style="list-style-type: none"> • Solicited project-based and Complete Streets typology amendments to the updated 2050 MVRTP • Coordinated with project sponsors on amendment requests
Work with local governments, CDOT, RTD, and other stakeholders to initiate and participate in project development activities to begin implementing 2050 MVRTP project and program investment priorities	<ul style="list-style-type: none"> • US 285 Study • Parker Rd Multimodal and Safety Study Kick-Off

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Activity 3.3 Tasks	Activity 3.3 Status
Provide travel model data results in support of 2050 MVRTP amendments	<ul style="list-style-type: none"> Conducted air quality modeling, including GHG analysis for the 2022 Amendments' fiscally constrained roadway and rapid transit networks Presented 2050 RTP GHG analysis updates at multiple DRCOG committee meetings, subregional transportation forum meetings, and to the Civic Advisory Group
Begin update process to MVRTP document	<ul style="list-style-type: none"> Completed significant update to the 2050 MVRTP to address and comply with the state Greenhouse Gas Planning Standard, process requested project-based cycle amendments, and street typology amendments. The DRCOG Board adopted the updated 2050 RTP at its September 21, 2022 meeting. Effort included: <ul style="list-style-type: none"> 22 committee and Board meeting briefings, 21 Forum presentations, 5 virtual public meetings, 1 public hearing, 45 social media posts, 3 eblasts, 5 updated appendices, and 1 new appendix and associated sub-appendices

Activity 3.3 Deliverables	2022
Amendments associated with the GHG update to the 2050 MVRTP	<ul style="list-style-type: none"> All items completed and adopted by the DRCOG Board at its September 21, 2022 meeting
Prepare associated GHG Transportation Report	<ul style="list-style-type: none"> Completed and adopted by the DRCOG Board at its Sept. 21 meeting
Prepare associated Mitigation Action Plan (if necessary)	<ul style="list-style-type: none"> Completed and adopted by the DRCOG Board at its Sept. 21 meeting

Activity 3.4 Federal Performance Measure Reporting

Activity 3.4 Tasks	Activity 3.4 Status
Compile data associated with transportation performance measures for PM1, PM2, PM3, Transit Asset Management, and Public Transportation Agency Safety Plan	<ul style="list-style-type: none"> Compiled and analyzed data received from CDOT for FHWA performance measures
Work with planning partners to set or revise targets and develop baselines for each federal performance measure	<ul style="list-style-type: none"> Adopted 2022 PM1 Safety targets Coordinated with CDOT on CMAQ and Traffic Congestion PM2 and PM3 targets Adopted CMAQ and Traffic Congestion PM3 targets
Prepare performance measure reports, and/or assist CDOT with preparing performance measure reports	<ul style="list-style-type: none"> Submitted to CDOT the CMAQ Full Performance Period Progress Report for the First Performance Period Submitted to CDOT the CMAQ Baseline Performance Period Report for the Second Performance Period

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Activity 3.4 Tasks	Activity 3.4 Status
Prepare/update CMAQ performance plan of TIP-funded projects	<ul style="list-style-type: none"> Submitted to CDOT the CMAQ Full-Performance Period Progress Report for the First Performance Period and the CMAQ Baseline Performance Period Report for the Second Performance Period
Work to integrate performance measures into other DRCOG work products, as appropriate	<ul style="list-style-type: none"> Ongoing

Activity 3.4 Deliverables	2022
Target reporting for federally required performance measures	<ul style="list-style-type: none"> 2022 PM1 Safety targets adopted CMAQ and Traffic Congestion PM3 targets adopted
CMAQ performance plans	<ul style="list-style-type: none"> Completed – Sept. 2022

Activity 3.5 Air Quality and Conformity

Activity 3.5 Tasks	Activity 3.5 Status
Monitor federal and state legislation regarding new standards, requirements, or procedures impacting transportation. Assist air quality agencies (i.e., APCD, RAQC), as needed	<ul style="list-style-type: none"> Ongoing Assisted with modeling analyses for inventory and emission calculations for Ozone SIP
Monitor the readings and trends of criteria pollutants in relation to established attainment standards	<ul style="list-style-type: none"> Ongoing
Host the Interagency Consultation Group (ICG) in order to facilitate better communication among planning partners and make air quality process decisions	<ul style="list-style-type: none"> Hosted ICG meetings
Prepare highway and transit networks (DRCOG), update planning assumptions, perform air quality conformity model runs (DRCOG and APCD), and review highway networks (CDOT) and transit networks (RTD) associated with amendments of the 2050 MVRTP	<ul style="list-style-type: none"> Network adjustments were made for the 2022 RTP Amendment Air quality conformity runs (PM-10 and Ozone) were completed for the 2022 Amended RTP
Provide travel model data results in support of air quality conformity analyses	<ul style="list-style-type: none"> Conducted for 2022 Amended RTP conformity determinations
Prepare air quality conformity findings (DRCOG) and assess findings (APCD and AQCC) associated with amendments to the MVRTP	<ul style="list-style-type: none"> Completed 2022 Amended RTP conformity determinations
Participate in the development of the new ozone State Implementation Plan (SIP) (carryover from FY 2020-2021 UPWP)	<ul style="list-style-type: none"> Ongoing
Continue with activities associated with the Regional Haze SIP	<ul style="list-style-type: none"> Ongoing
Assist with local and regional analyses of emissions, greenhouse gases, and other air quality topics	<ul style="list-style-type: none"> Ongoing
Coordinate with the State on developing a Carbon Reduction Strategy	<ul style="list-style-type: none"> No activity this reporting period
Evaluate opportunities and priorities for reducing on-road highway source carbon dioxide emissions	<ul style="list-style-type: none"> No activity this reporting period

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Activity 3.5 Tasks	Activity 3.5 Status
Assess opportunities for Healthy Streets projects; identify regional heat islands, tree cover, and impervious surfaces, etc., especially in low income and disadvantaged communities	<ul style="list-style-type: none"> No activity this reporting period

Activity 3.5 Deliverables	2022
Conformity Determination Reports for MVRTP amendments (as needed)	<ul style="list-style-type: none"> Completed 2022 Amended RTP conformity determination reports

Activity 3.6 Active Transportation and TDM Planning

Activity 3.6 Tasks	Activity 3.6 Status
Monitor progress on TIP-funded and other active transportation and TDM projects	<ul style="list-style-type: none"> Participated in TIP set-aside project evaluation process for TDM Set-Aside Participated in Commuting Solutions Northwest Regional TDM Plan
Monitor, evaluate, and compile bicycle use counts conducted by CDOT and local governments across the region. Maintain facility inventory, databases, and monitor new sources, methodologies, and applications for providing information	<ul style="list-style-type: none"> Included bicycle and pedestrian counts in the GIS Data Annual Request from local governments All counts collected, schema edited, data entered, guidance document created, and published webmap Bicycle and pedestrian counts data is available for download from the Regional Data Catalog and for exploration via a webmap The bicycle facility inventory is available for download from the Regional Data Catalog and for exploration via a webmap
Continue regional active transportation meetings/summits to facilitate communication and provide educational opportunities	<ul style="list-style-type: none"> Participated in CDOT statewide TDM Stakeholder Group and Urban Commuter Stakeholder Group
Respond to requests for assistance including participating in CDOT's Safe Routes to School program development and project selection process, as requested	<ul style="list-style-type: none"> No activity during the reporting period
Maintain, update, and continue implementation activities for the Active Transportation Plan and track metrics of implementation status	<ul style="list-style-type: none"> No activity during the reporting period

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Activity 3.6 Tasks	Activity 3.6 Status
Continue implementing the Regional Complete Streets Toolkit, including prioritizing complete streets safety investments in accordance with the IJJA, as well as maintain, amend, and update the Toolkit's Street Typology	<ul style="list-style-type: none"> • Developed webmap for soliciting changes to the Complete Streets typology dataset • Reviewed and processed appropriate street typology changes • Updated Street Typology webmap • Amended the updated street typology into the 2050 RTP 2022 Update • Performed cleanup of Complete Streets typology dataset • Coordinated with consultant to perform Complete Streets network prioritization analysis • Updating the network prioritization analysis with amended Complete Streets and environmental justice data (in-progress)
Conduct, develop, coordinate, and monitor other activities such as level of traffic stress assessment, regional wayfinding, "last-mile" studies, and TDM project benefit calculation methodology	<ul style="list-style-type: none"> • No activity during the reporting period
Begin development of new Regional TDM Strategic Plan	<ul style="list-style-type: none"> • Issued RFP and conducted consultant selection process for regional TDM Strategic Plan • TDM Strategic Plan kickoff in August 2022 • Development of Stakeholder and Public Engagement Plan for TDM Strategic Plan

Activity 3.6 Deliverables	2022
Regional Complete Streets StoryMap	<ul style="list-style-type: none"> • Developed Complete Streets for the Denver Region StoryMap
Complete Streets prioritization framework	<ul style="list-style-type: none"> • Coordinated with consultant team to complete network prioritization analysis
Regional bicycle facility inventory	<ul style="list-style-type: none"> • Continued to update and maintain bicycle facility inventory
Report on status of TIP-funded active transportation and TDM projects	<ul style="list-style-type: none"> • No activity during this reporting period

Activity 3.7 Regional Freight Planning

Activity 3.7 Tasks	Activity 3.7 Status
Maintain and update as needed the DRCOG Regional Multimodal Freight Plan	<ul style="list-style-type: none"> • No update anticipated yet (adopted Spring 2021)
Participate in the National Highway Freight Program project selection process and designate Critical Urban Freight Corridors (as needed) based on project selection	<ul style="list-style-type: none"> • Ongoing
Participate in Freight Advisory Council meetings	<ul style="list-style-type: none"> • Ongoing; participated in the two meetings held • Also participated in Denver Freight Working Group

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Activity 3.7 Tasks	Activity 3.7 Status
Review critical urban freight corridors and identify opportunities for additional designations	<ul style="list-style-type: none"> Ongoing; review typically conducted annually

Activity 3.8 Corridor Planning

Activity 3.8 Tasks	Activity 3.8 Status
Solicit proposals for corridor planning projects from local agencies and community groups and select initial project proposals	<ul style="list-style-type: none"> Started development of Call for Letters of Interest to identify corridor
Procure consultant services for development of planning recommendations	<ul style="list-style-type: none"> Began developing consultant procurement documents
Develop engagement materials to communicate program goals and services	<ul style="list-style-type: none"> Developed program framework and Call for Letters of Interest detailing program goals Began developing corridor projects webmap to display planning projects in the region
Lead/coordinate corridor plans	<ul style="list-style-type: none"> No activity during this reporting period
Reconnecting Communities Assessment - Identify priority opportunities for projects to retrofit or mitigate existing facilities that create barriers to community connectivity	<ul style="list-style-type: none"> No activity during this reporting period

Activity 3.9 Community-Based Transportation Plans

Activity 3.9 Tasks	Activity 3.9 Status
Solicit proposals for community-based transportation plan projects from local agencies and community groups and select initial project proposals	<ul style="list-style-type: none"> Developed call for nominations to solicit proposals from member governments
Procure consultant services for development of planning recommendations	<ul style="list-style-type: none"> Began developing consultant procurement documents
Develop engagement materials to communicate program goals and services	<ul style="list-style-type: none"> Developed program goals as part of Call for Nominations
Lead/coordinate plans	<ul style="list-style-type: none"> No activity during this reporting period

Activity 3.9 Deliverables	2022
Community Based Transportation Plan #1	<ul style="list-style-type: none"> No activity during this reporting period

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OBJECTIVE 4.0 PROJECT PROGRAMMING

Activity 4.1 Prepare Transportation Improvement Program

Activity 4.1 Tasks	Activity 4.1 Status
Conduct discussions and adopt the <i>Policies for TIP Program Development</i>	<ul style="list-style-type: none"> • Policies for TIP Program Development document adopted in January 2022 <ul style="list-style-type: none"> ○ A new document will no longer be adopted every four years with the calls for projects; this document is meant to be amended as needed
Conduct calls for projects associated with 2024-2027 TIP	<ul style="list-style-type: none"> • Developed TIP Hub site and Data Tool to support call for projects • Developed comment maps to support public comment process • Regional Share Call for Projects (call #1) associated with 2022-2025 TIP opened in January and closed March 18 (Board action in September) • Subregional Share Call for Projects (call #2) for 2022-2025 TIP opened May 2 and closed June 24 (Board action in September) • Non-MPO Call for Projects utilizing a portion of the MMOF funds to funding projects in FY23-27 opened May 2 and closed June 24 (Board action in September) • Regional Share Call for Projects (call #3) for 2024-2027 TIP opened August 22 and will close October 11 • Subregional Share Call for Projects (call #4) for 2024-2027 TIP to open in November
Prepare the 2024-2027 TIP document for public review, committee recommendation, and Board adoption by Fall 2023	<ul style="list-style-type: none"> • Ongoing discussions of equity analysis for final TIP document • Holding four calls for projects will push the 2024-2027 TIP adoption back to August 2023

Activity 4.1 Deliverables	2022
Adopt <i>Policies for TIP Program Development</i> document	<ul style="list-style-type: none"> • Policies for TIP Program Development adopted January 2022

Activity 4.2 Transportation Improvement Program Set-Asides

Activity 4.2 Tasks	Activity 4.2 Status
Set procedures for each set-aside, as necessary	<ul style="list-style-type: none"> • RTOT: Summer 2022 • Additional set-aside procedures being developed ahead of set-aside calls for projects to be included within the 2024-2027 TIP

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Activity 4.2 Tasks	Activity 4.2 Status
Conduct Calls for Projects for each set-aside and amend selected projects into the adopted TIP	<ul style="list-style-type: none"> • RTOT: Spring 2023 call for FY24-27 projects • CMPI projects adopted prior to reporting period • TDM: FY22/23 projects adopted 2/16/22; FY24/25 call to be conducted in Spring 2023 • HST: FY23 projects adopted 3/16/22
Coordinate with project sponsors and CDOT to ensure successful implementation of selected projects	<ul style="list-style-type: none"> • Ongoing

Activity 4.2 Deliverables	2022
Adopt policies, procedures, and projects for the FY 20-23 TIP TDM and Human Services Transportation set-asides	<ul style="list-style-type: none"> • See above

Activity 4.3 Transportation Improvement Program Management

Activity 4.3 Tasks	Activity 4.3 Status
Prepare amendments and monthly administrative modifications to the current TIP, and maintain an up-to-date version of the current TIP document on DRCOG's website and in the Transportation Regional Improvement Projects and Survey (TRIPS) database, as necessary	<ul style="list-style-type: none"> • Ongoing; updated TIP project information is available on DRCOG's website and TRIPS
Conduct appropriate project programming activities when additional revenues are made available or decreased, including an additional Regional and Subregional Call for Projects to program funding identified through the passage of the IIJA and state legislature	<ul style="list-style-type: none"> • Additional funding became available through the Infrastructure Investment and Jobs Act in late 2021 and the state Multimodal Transportation and Mitigation Options Funds program and staff initiated the wait list protocol. Wait list process projects were approved by the DRCOG Board in March 2022 • Additional calls for projects for the FY 2022-2025 TIP were held between January and June. Selected projects were approved by the Board and amended into the TIP in September 2022
Provide financial and project coordination assistance to implementing agencies and project sponsors	<ul style="list-style-type: none"> • Provided assistance to project sponsors, as necessary
Conduct activities with CDOT and local governments to continuously refine the IGA, contracting, and federal aid processes	<ul style="list-style-type: none"> • Ongoing
Monitor the progress status and results of TIP projects including how COVID-19 has impacted projects	<ul style="list-style-type: none"> • Prepared the FY21 first-year project delay report (1/19/22 Board report) and the FY21 second-year delays report (7/20/22 Board report) • Reached out to CDOT and RTD to begin gathering project status of FY22 project phases
Maintain and update the TRIPS project database and TIP web map	<ul style="list-style-type: none"> • Ongoing, subregion affiliation added to TRIPS, working on additional updates including adding selecting agency

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Activity 4.3 Deliverables	2022
Amendments and administrative modifications, as necessary	<ul style="list-style-type: none">• Both policy and administrative amendments to the TIP are performed regularly and posted to the DRCOG website
FY 2021 Projects Delayed Report	<ul style="list-style-type: none">• Adopted by the Board in January 2022
FY 2021 Annual Listing of Obligated Projects	<ul style="list-style-type: none">• Posted to the DRCOG TIP website in December 2021, Board reviewed in January 2022

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OBJECTIVE 5.0 TRANSPORTATION SYSTEMS OPERATIONS

Activity 5.1 DRCOG Congestion Management Process

Activity 5.1 Tasks	Activity 5.1 Status
Update the Congestion Mitigation Program databases annually	<ul style="list-style-type: none"> Updated traffic count data Updated traffic counts webmap with updated data and improved attribute visualization
Update formulas and factors for delay calculations, as needed. Evaluate new data sources and methodologies (i.e., INRIX, HERE, StreetLight)	<ul style="list-style-type: none"> Ongoing
Prepare public information and outreach documents/presentations, including Congestion management Program data, whitepapers, and data briefs	<ul style="list-style-type: none"> No activity this reporting period
Maintain performance tracking report on TIP-funded roadway projects	<ul style="list-style-type: none"> Tracking spreadsheet updated
Evaluate opportunities for innovative, integrated, and multimodal solutions to congestion relief in the Denver region	<ul style="list-style-type: none"> Ongoing

Activity 5.1 Deliverables	2022
Annual Report of Traffic Congestion in the Denver Region	<ul style="list-style-type: none"> Draft 2021 Annual Report completed

Activity 5.2 Regional Transportation Operations & Technology

Activity 5.2 Tasks	Activity 5.2 Status
Facilitate and participate in meetings and activities of the Regional Transportation Operations Working Group and other transportation incident management committees	<ul style="list-style-type: none"> Conducted nine RTO Working Group meetings Attended Traffic Incident Management (TIM) Team meetings, including organizing meetings to establish the Denver Area TIM Team DRCOG attended four Colorado Standing Committee on First Responders Safety (CSCFRS) executive meetings Attended Annual CDOT Traffic Incident Management conference
Monitor transportation technology deployment to ensure compliance with 23 CFR Part 940, including coordination with state and federal project clearance and the systems engineering analysis evaluation	<ul style="list-style-type: none"> Continued coordination with CDOT and FHWA to incorporate Systems Engineering Analyses into project management processes
Assist project sponsors with DRCOG Regional ITS Architecture coordination as requested and implementation of RTO&T Set-Aside projects	<ul style="list-style-type: none"> Ongoing

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Activity 5.2 Tasks	Activity 5.2 Status
Maintain the DRCOG Regional ITS Architecture with participation of relevant stakeholders while coordinating with neighboring architectures, and incorporate technology and operations strategies into all applicable DRCOG activities and products	<ul style="list-style-type: none"> Annual update coinciding with Regional Transportation Operations and Technology Plan development
Monitor and participate on national, state, regional, and local mobility technology efforts	<ul style="list-style-type: none"> Ongoing
Maintain and update webmaps on traffic signals and other applicable efforts	<ul style="list-style-type: none"> Maintained the Signal Timing Briefs webmap Developed new webmap of Regional Traffic Signals with jurisdiction contact info Completed an annual transportation technology inventory update
Coordinate with Advanced Mobility Partnership on regional transportation technology vision & implementation of AMP-championed initiatives	<ul style="list-style-type: none"> Coordination between RTO and AMP highlighting regionally coordinated TMC operations and integrated corridor management

Activity 5.2 Deliverables	2022
Annual update to the DRCOG Regional ITS Architecture	<ul style="list-style-type: none"> Annual update continues in parallel with RTO&T Strategic plan, completion anticipated by December 2022
Updates (as needed) to the Regional Transportation Operations and Technology Plan	<ul style="list-style-type: none"> Draft of RTO&T Strategic Plan completed and out for review

Activity 5.3 Transportation Security Planning

Activity 5.3 Tasks	Activity 5.3 Status
Participate on federal and state agency committees dealing with security and transportation, as requested	<ul style="list-style-type: none"> Assessed multiple cybersecurity alerts forwarded through North Central Region specifically for risks related for transportation operations
Monitor and respond to federal rulemaking and guidance documents	<ul style="list-style-type: none"> Ongoing
Liaise with the boards of Colorado's North Central All-Hazards Region and the Denver Urban Area Security Initiative	<ul style="list-style-type: none"> Attended seven joint NCR/UASI Board meetings
Refine roles, establish and maintain relationships to existing documents and protocols (i.e., incident management plans, evacuation plans, training/exercise planning, and Regional ITS Architecture), and determine further activities with local stakeholders	<ul style="list-style-type: none"> Coordinating with CDOT and regional partners to improve incident management Attending monthly Traffic Incident Management (TIM) Team meetings for four areas within the region, including new Denver area combined meetings DRCOG is an executive member on the Colorado Standing Committee on First Responders Safety (CSCFRS) that provides policy-level guidance statewide

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Activity 5.4 Transportation Safety Planning

Activity 5.4 Tasks	Activity 5.4 Status
Geocode and perform quality checks on crashes in the Denver region that are off the state highway system, as data is made available. House and update the annual crash database of all crashes in the region and disseminate data	<ul style="list-style-type: none"> • 2013-2019 crashes maintained in the Regional Data Catalog • Geocoded and performed quality checks to the 2020 crash data • Attended ATSIP Traffic Records Forum and presented on regional crash data consortium efforts to local and national attendees • Received 405c grant funding to support crash coordinator position to develop regional consortium of crash data stakeholders • Hired Crash Data Consortium Senior Planner
Prepare crash and safety analyses, as needed	<ul style="list-style-type: none"> • Ongoing; investigated partnership with local consulting firm and CDOT for improved crash processing
Respond to requests for information	<ul style="list-style-type: none"> • Ongoing
Coordinate with corridor planning initiatives on safety-related aspects	<ul style="list-style-type: none"> • Participating in FHWA Safe Systems Pilot Program for Littleton’s Broadway Corridor Study • On-going participation in CAC and TAC for Hampden Avenue Mobility & Safety Study
Maintain, implement, and update Taking Action on Regional Vision Zero, including hosting monthly Regional Vision Zero Work Group meetings to coordinate implementation activities	<ul style="list-style-type: none"> • Continued hosting of monthly Regional Vision Zero Work Group meeting to share and exchange safety updates and ideas amongst stakeholders in the region • Completed Complete Streets network prioritization analysis to identify opportunities for safety investments
Identify priority initiatives in Taking Action on Regional Vision Zero and prioritize 2050 MVRTP safety projects for opportunities under the Federal Safe Streets and Roads for All grant program	<ul style="list-style-type: none"> • Ongoing
Apply for state/federal grants to improve crash data collection/analysis, safety planning implementation, and related activities, including implementation activities associated with the “405c” NHTSA grant awarded to DRCOG for FY 2022 and FY 2023	<ul style="list-style-type: none"> • Coordinated with local agencies and partners to explore submitting a regional application for the Safe Streets and Roads for All Implementation Grant • Applied for and received 405c grant to hire a crash data consortium planner to improve regional crash data processing
Participate in federal initiatives, including Focused Approach to Safety, Vulnerable Users, and Safe Systems Approach	<ul style="list-style-type: none"> • Ongoing; reconnecting with FHWA to participate in restarted Vision Zero Communities Pilot Program
Activity 5.4 Deliverables	2022
Update Taking Action on Regional Vision Zero High Injury Network as needed	<ul style="list-style-type: none"> • No activity during the reporting period

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Activity 5.5 Innovative Mobility Planning

Activity 5.5 Tasks	Activity 5.5 Status
<p>Work with stakeholders to implement Mobility Choice Blueprint recommendations and other transportation technology and innovative mobility programs, policies, research, and projects in the region</p>	<ul style="list-style-type: none"> • Developed, shared, and analyzed mobility data use case and priorities survey • Prepared draft regional mobility data concept white paper • Monitored transportation technology and advanced mobility projects, pilots, and programs in the Denver region • Updated tactical action tracking matrix for MCB activities • Maintained research needs tracker • Participated in Colorado Electric Vehicle Coalition and associated groups including Equity Subcommittee, Micromobility Subcommittee • Participated in Denver Moves Everyone Innovation Working Group monthly meetings
<p>Host and coordinate Advanced Mobility Partnership Executive Committee (quarterly), Working Group (monthly), and Steering Committee meetings</p>	<ul style="list-style-type: none"> • Hosted and coordinated 2 AMP Executive Committee, 9 Working Group, 2 AMP Partner Agency coordination meetings and 3 AMP Data and Data Sharing Workshops • Presented AMP Annual Update to DRCOG TAC, RTC, and Board • Maintained AMP website
<p>Host and lead the regional Micromobility Work Group</p>	<ul style="list-style-type: none"> • Hosted 4 quarterly Micromobility Work Group Meetings
<p>Implement regional shared micromobility framework and procedures, including shared micromobility data platform project and technical support for member governments</p>	<ul style="list-style-type: none"> • Published statewide shared micromobility program tracker • Developed and published Shared Micromobility Programs ArcGIS StoryMap • Maintained Shared Micromobility web page • Built regional dashboard and five local open data platform pages to share public shared micromobility data • Added several partners to Shared Micromobility Data Collaborative • Led Colorado Electric Vehicle Coalition's Micromobility Program Subgroup • Updated statewide shared micromobility program tracking companion survey • Provided technical and policy support to communities implementing and considering shared micromobility programs in the region • Participated in Denver's micromobility technical working group • Participated in Arvada's Pilot Program Review

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Activity 5.5 Tasks	Activity 5.5 Status
Monitor and provide educational opportunities to highlight transportation technology-related pilots, programs, and services in the region	<ul style="list-style-type: none"> Ongoing, developed regional AMP Technology Pilot Tracker, featured relevant speakers at AMP Working Group meetings
Participate in national conversations on mobility data through the Open Mobility Foundation and other industry organizations	<ul style="list-style-type: none"> Participated in OMF Board meetings and Curb Working Group
Evaluate and identify potential regional demonstration projects focused on advanced technologies and systems to improve transportation efficiency and safety for potential funding under the Federal SMART program	<ul style="list-style-type: none"> Coordinated with AMP Working Group and RTO Working Group to discuss SMART grant funding opportunities

Activity 5.5 Deliverables	2022
Shared micromobility inventory and StoryMap	<ul style="list-style-type: none"> Published initial and updated versions of both the inventory and StoryMap
Regional shared micromobility dashboard	<ul style="list-style-type: none"> Launched a regional shared micromobility open data portal
Shared micromobility data platform pilot evaluation	<ul style="list-style-type: none"> Managed Ride Report contract and hosted several user group and information sharing sessions Collected stakeholder feedback via survey of participating agencies to inform pilot evaluation report Developed evaluation report
Regional inventory of transportation technology-related pilot programs and projects	<ul style="list-style-type: none"> Developed regional AMP Technology Pilot Tracker

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OBJECTIVE 6.0 PUBLIC TRANSPORTATION PLANNING

Activity 6.1 Regional Transit/Human Service Transportation Planning and Coordination

Activity 6.1 Tasks	Activity 6.1 Status
Work with the Denver Regional Mobility and Access Council (DRMAC), DRCOG's Area Agency on Aging (AAA), Local Coordinating Councils (LCCs), and other stakeholders to coordinate human service transportation	<ul style="list-style-type: none"> • Active coordination with DRCOG's Accountable Health Community team. The AHC is screening and navigating vulnerable populations around the region to identify and address health-related social needs, including transportation • Continued to serve on DRMAC Board. Initiated exploration of feasibility of integrating DRMAC's key functions and programs within DRCOG • Collaborated with stakeholders to plan upgrades for Ride Alliance trip exchange • Regularly attend LCC meetings throughout the DRCOG region
Compile ongoing service data from RTD to use for the travel model, plans, reports, and other activities as needed	<ul style="list-style-type: none"> • Ongoing
Maintain a performance tracking report on TIP funded transit projects	<ul style="list-style-type: none"> • Ongoing
Continue TIP Set-Aside implementation with CDOT of the Human Services Set-Aside and FTA 5310 funding in the Denver-Aurora Urbanized Area	<ul style="list-style-type: none"> • Administering funding for selected projects. 2020 and 2021 projects are ongoing and/or completed
Maintain and update Project Management Plan for 5310 Program	<ul style="list-style-type: none"> • Ongoing; last updated in April of 2021
Maintain and update Coordinated Public Transit-Human Services Transportation Plan (Coordinated Transit Plan)	<ul style="list-style-type: none"> • Ongoing; adopted in Spring 2021; minor update with GHG adoption

Activity 6.2 FasTracks Review and Assessment

Activity 6.2 Tasks	Activity 6.2 Status
Complete the review and assessment of RTD FasTracks Change Report(s), as needed (If consultant assistance is required for DRCOG financial plan review of an RTD Change Report, RTD would provide funding for the financial consulting effort)	<ul style="list-style-type: none"> • No action during the reporting period
Based on DRCOG review and assessment of RTD Change Report(s), take further action pursuant to SB-208, and/or amend the 2050 MVRTP, if needed	<ul style="list-style-type: none"> • No action during the reporting period
Provide RTD's annual FasTracks Status Report to the DRCOG Board (due annually to DRCOG by May 1st)	<ul style="list-style-type: none"> • Annual Status Report submitted May 2022 for 2022 FasTracks Report

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Activity 6.2 Deliverables	2022
DRCOG review and assessment of RTD Change Report(s), when/if submitted by RTD. If needed, subsequent SB-208 action and/or 2050 MVRTP amendment	<ul style="list-style-type: none"> No action during the reporting period
RTD 2022 FasTracks Annual Status Report	<ul style="list-style-type: none"> Report submitted May 2022

Activity 6.3 RTD Local Government Planning Process

Activity 6.3 Tasks	Activity 6.3 Status
Gather input from local government representatives for RTD's Mid-term Financial Plan capital projects and annual service plan changes	<ul style="list-style-type: none"> Local government meeting held November 18, 2021 Attended RTD Stakeholder Listening Sessions Participated in RTD Subregional Service Council Working Group
Conduct coordinated public involvement efforts associated with RTD products such as environmental studies and other planning activities	<ul style="list-style-type: none"> Ongoing

Activity 6.4 RTD Financial Planning

Activity 6.4 Tasks	Activity 6.4 Status
Forecast revenues and expenditures	<ul style="list-style-type: none"> Ongoing
Evaluate the RTD base system and the FasTracks program	<ul style="list-style-type: none"> Ongoing activities associated with Northwest Rail Starter Service Fare Study on-going, with two rounds of public meetings held in April and June followed by Feedback Panel meetings Participated in RTD Fare Study

Activity 6.4 Deliverables	2022
2023-2028 Mid-term Financial Plan for input into the TIP	<ul style="list-style-type: none"> 2023 – 2028 Mid-Term Financial Plan adopted by Board on September 28, 2022

Activity 6.5 RTD Base System Planning

Activity 6.5 Tasks	Activity 6.5 Status
Continue oversight of base system planning process	<ul style="list-style-type: none"> Ongoing

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Activity 6.5 Tasks	Activity 6.5 Status
Conduct other assorted engineering, planning, and environmental activities	<ul style="list-style-type: none"> • Ongoing • Completed System Optimization Plan July 26, 2022 • Participated in Reimagine RTD Advisory Committee • Participated in Federal Blvd Tour with CDOT, Denver, and RTD staff

Activity 6.6 Transit Facility Planning

Activity 6.6 Tasks	Activity 6.6 Status
Prepare quarterly Park-n-Ride use reports and biannual user distribution geocoding and mapping	<ul style="list-style-type: none"> • Park-n-Ride utilization reports have been suspended due to manpower issues related to pandemic • RTD has not conducted the user distribution survey due to pandemic
Participate in local jurisdiction land-use planning processes for station areas	<ul style="list-style-type: none"> • Ongoing
Pursue joint development at RTD transit stations where practical and consistent with local government land use plans and state law governing eminent domain and RTD operations	<ul style="list-style-type: none"> • Developer selected for 29th & Welton site in Denver, contract negotiations on-going • Developer tentatively selected for 38th & Blake Station site, pending Board approval in November • Discussions with developer for potential redevelopment of Highlands Ranch Town Center Park-n-Ride • Discussions with City of Englewood for potential redevelopment at Englewood City Center site • Discussions with the Town of Superior for affordable housing project at US-36 & McCaslin Park-n-Ride
Monitor and evaluate transit priority implementation in the region	<ul style="list-style-type: none"> • Working with Denver to establish TSP along Federal and the East and West Colfax corridors • Working with Aurora to establish TSP on Havana to be established after Havana construction upgrades completed • Finalizing IGA with Longmont to establish TSP on Coffman Busway • Working with Boulder County and CDOT on TSP for SH-119 • Continuing to monitor TSP on US-36 • As part of RTO&T grant, TSP data management and sharing contractor selected, pending Board approval of contract

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Activity 6.6 Tasks	Activity 6.6 Status
CDOT and RTD led Mobility Hub planning at priority locations identified in partnership among RTD, CDOT, and DRCOG	<ul style="list-style-type: none"> Ongoing
Benchmark Transit Oriented Development (TOD) activity in annual status report and FasTracks Quality of Life study	<ul style="list-style-type: none"> 2020 Quality of Life TOD Status Report completed
Provide ongoing TOD education and outreach	<ul style="list-style-type: none"> Ongoing
Support facility planning	<ul style="list-style-type: none"> No updates in this reporting period

Activity 6.6 Deliverables	2022
Mobility Hub plan(s) (carryover from FY 2020-2021 UPWP)	<ul style="list-style-type: none"> Planning ongoing for several mobility hubs along the I-25 corridor
State of transit priority implementation report	<ul style="list-style-type: none"> No updates in this reporting period

Activity 6.7 FasTracks Program Management and Planning Assistance

Activity 6.7 Tasks	Activity 6.7 Status
Prepare necessary environmental documentation for Northwest Rail Corridor Starter Service	<ul style="list-style-type: none"> See below
Prepare basic design plans to determine station locations, environmental impacts and costs for Northwest Rail Corridor Starter Service	<ul style="list-style-type: none"> Consultant selected, embarked on data gathering and initial public feedback
Prepare FasTracks Change Report(s) for DRCOG	<ul style="list-style-type: none"> No activity

Activity 6.7 Deliverables	2022
FasTracks Change Report (if needed)	<ul style="list-style-type: none"> No activity during this reporting period

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OBJECTIVE 7.0 PLANNING DATA AND MODELING

Activity 7.1 Develop and Maintain Information Systems

Activity 7.1 Tasks	Activity 7.1 Status
Develop, maintain, and update data, tools, applications, and visualizations that allow internal and external users to explore and consume information	<ul style="list-style-type: none"> Data updated in the Regional Data Catalog and enterprise SDE Created a census scraping python script to update marginalized communities datasets and pull margin of error Worked with State and local partners to adjust Census PUMA boundaries Updated data processing workflows, including bicycle and pedestrian counts, employment, schools, and bicycle share stations
Coordinate the acquisition of regional datasets (i.e., DRAPP, Regional Planimetric Data Projects, Regional Land Use Land Cover Projects, Regional Lidar Projects, etc.)	<ul style="list-style-type: none"> Held two Data Acquisition meetings (Oct 2021 and May 2022) Uploaded lidar deliverables to the Regional Data Catalog Managed student volunteers providing quality control on planimetric deliverables Executed contracts with Sanborn Map Company and Nearmap to provide 2022-23 imagery to project partners Completed flights for 2022 Denver Regional Aerial Photography Project (DRAPP)
Maintain internal processes and infrastructure in support of data, application, and tool development	<ul style="list-style-type: none"> Continued to implement cloud migration of documents, databases, and applications
Complete the local data collection and regional dataset creation efforts	<ul style="list-style-type: none"> Data request sent in mid-January Collection completed in March Continued to develop regional datasets
Maintain inventory of protected data and perform audits to ensure data is properly handled	<ul style="list-style-type: none"> Completed the protected data inventory and delivered it to Administration and Finance department for internal audits

Activity 7.1 Deliverables	2022
Agency-wide cloud storage data and document migration (carryover from FY 2020-2021 UPWP)	<ul style="list-style-type: none"> Prepared for testing
Annual local data inventory	<ul style="list-style-type: none"> Completed in March
2020 Denver Regional Planimetric Project deliverables (carryover from FY 2020-2021 UPWP)	<ul style="list-style-type: none"> All deliverables provided to partners by March 28, 2022
2020 Regional Land Cover Project deliverables	<ul style="list-style-type: none"> All deliverables provided to partners by June 7, 2022

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Activity 7.2 Land Use Modeling and Forecasting

Activity 7.2 Tasks	Activity 7.2 Status
Collect, compile, and purchase data to update and improve UrbanSim model inputs (i.e., employment, zoning/development constraints, scheduled development)	<ul style="list-style-type: none"> • Completed the 2022 annual data collection for gathering information from local governments (including zoning, building, and open space data) • Continued purchasing building permit and commercial property data to better understand scheduled development • Continued compiling approved plans and plats from local governments for incorporation in land use model forecasts (scheduled development) • Piloted process to integrate proprietary database of for-sale residential approvals and construction activity in forecasting workflow • Began to update zoning and development constraint data for use in next forecast run
Document, automate, and improve model input and output processing workflows and storage routines	<ul style="list-style-type: none"> • Developed and tested workflow for bulk upload of model adjustments to run in simulation • Improved automated workflow to process zoning/development constraints for use by model
Coordinate with the State Demography Office at DOLA in their updates to household and employment control totals	<ul style="list-style-type: none"> • Ongoing. Delays in release of 2020 Census data delayed DOLA 2020 estimates and subsequent forecast updates
Improve the ability of UrbanSim to handle multiple, complex control total options	<ul style="list-style-type: none"> • Worked with UrbanSim, Inc. to add capability to segment control totals
Update UrbanSim choice models (i.e., specification, estimation, and calibration) and pursue other improvements and enhancements to the UrbanSim model as needed	<ul style="list-style-type: none"> • Updated choice model specification and variable selection and estimation • Compiled calibration data for UrbanSim, Inc.; validated and calibrated choice models
Coordinate with other MPOs and peer agencies using the UrbanSim model	<ul style="list-style-type: none"> • Coordinated with other UrbanSim block model users: MAPC (Boston) and NFRMPO • Staff joined leadership team of new AMPO working group on socioeconomic modeling
Prepare new forecast runs annually in anticipation of potential amendment cycles; incorporate feedback from local governments as needed	<ul style="list-style-type: none"> • Scoped process to begin integrating new UrbanSim model input data and testing within improved model workflows and configuration in anticipation of preliminary forecast run and local government review in 2023
Activity 7.2 Deliverables	2022
Small-area forecast data on the Regional Data Catalog when reviewed and used in an amendment cycle (if any)	<ul style="list-style-type: none"> • No activity during this reporting period

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Activity 7.3 Transportation Modeling and Forecasting

Activity 7.3 Tasks	Activity 7.3 Status
Provide travel model data results in support of requests by planning partners, local governments, and private firms	<ul style="list-style-type: none"> Data outputs provided to local governments Focus Model provided to consultants for 9 corridor studies (e.g., NEPA and PELs, transit) and 2 local studies
Continue efforts to improve and streamline Focus, DRCOG's regional travel demand forecasting model, including work with RTD and CDOT to evaluate methods for improving model components	<ul style="list-style-type: none"> Ongoing; worked with CDOT and RTD on testing and implementation of updated model components
Evaluate travel demand data sources (U.S. Census, CDOT, RTD, and others) for use in model component validation efforts	<ul style="list-style-type: none"> Ongoing; Validated work-at-home rates between travel model and US Census ACS data
Align Focus with UrbanSim model inputs (carryover from FY 2020-2021 UPWP)	<ul style="list-style-type: none"> Ongoing efforts, including regular coordination meetings, to align Focus and UrbanSim
Evaluate implementing the Caliper Highway/Transit Master Network (for maintaining different projects) or other model process enhancements (carryover from FY 2020-2021 UPWP)	<ul style="list-style-type: none"> Ongoing, discussed in meetings with RTD, CDOT, and Cambridge Systematics
Maintain a cohesive storage area to keep all travel model related files including documentation, scenario analysis, calibrations, and inputs and outputs for MVRTP Cycle runs	<ul style="list-style-type: none"> Ongoing
Participate on CDOT-led Statewide Travel Surveys Project in 2022 (DRCOG's funding contribution split between FY2021 and FY2022) (carryover from FY 2020-2021 UPWP); work with consultant on travel survey results report for DRCOG region. Begin preparation of public facing summary document of travel survey results	<ul style="list-style-type: none"> Participating closely with CDOT, as DRCOG is a funding partner (\$2 million of CPG over FY21/22), including participating in two advisory group meetings during reporting period. CDOT is ready to start full pilot survey in November 2022
Update the Commercial Vehicle Travel Model following completion of the statewide travel surveys (carryover from FY 2020-2021 UPWP)	<ul style="list-style-type: none"> Completed in 2021
Conduct modeling research and documentation	<ul style="list-style-type: none"> Ongoing

Activity 7.3 Deliverables	2022
Updated and validated Focus model runs and output data files used for air quality conformity determinations and other studies	<ul style="list-style-type: none"> Focus Version 2.3 was completed and used for 2050 MVRTP. Version 2.3.1 has been completed in association with the 2022 Amended RTP and GHG analyses

Activity 7.4 Maintain Transportation and Related Data

Activity 7.4 Tasks	Activity 7.4 Status
Collect and process local government receipts and expenditure data, state and local roadway inventory data, and bridge data from CDOT, incorporating it into DRCOG databases	<ul style="list-style-type: none"> Ongoing

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Activity 7.4 Tasks	Activity 7.4 Status
Collect and process traffic counts from CDOT and all member governments and consultants, perform quality control, add to the traffic count database, and update traffic count webmap	<ul style="list-style-type: none"> 2021 counts obtained and are in process of being incorporated into our databases
Improve methods for calculations of greenhouse gas and air quality measures	<ul style="list-style-type: none"> Ongoing
Collect transit ridership, Park-n-Ride lot user data, and other transit-related data from RTD	<ul style="list-style-type: none"> Ongoing
Obtain bridge and pavement condition data from CDOT and local governments, as needed	<ul style="list-style-type: none"> CDOT provided initial updates on annual data tracked for bridge and pavement condition FAST Act performance measures
Edit the transportation information database per plan amendment and update various travel model networks staging respectively	<ul style="list-style-type: none"> Ongoing

Activity 7.5 Regional Mobility Data Platform

Activity 7.5 Tasks	Activity 7.5 Status
Work with AMP partners to refine concept and use cases for a regional mobility data platform	<ul style="list-style-type: none"> Working with AMP Working Group and partner agency staff to continue conversations around regional data governance and tools Piloting Ride Report micromobility data sharing project with partner agencies through work with the Regional Micromobility Work Group Conducted Data and Data Sharing multi-day workshop with the Harvard Kennedy School in late 2021 Surveyed regional stakeholders on data related use cases Finalized data and data sharing concept paper
Explore different models and identify data management practices for a regional mobility data platform	<ul style="list-style-type: none"> Participating in Open Mobility Foundation and SAE Mobility Data Collaborative Addition of carsharing to MDS-based shared data platform Case study on micromobility data sharing in the Denver region started with Ride Report Collaborate with Harvard Kennedy School staff and students on mobility data sharing project
Prepare concept paper	<ul style="list-style-type: none"> Mobility data concept white paper completed

Activity 7.5 Deliverables	2022
Workshop series summary and use case matrix	<ul style="list-style-type: none"> Completed workshop series summary and use case matrix

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Activity 7.5 Deliverables	2022
Regional mobility data platform concept paper	<ul style="list-style-type: none">• Ongoing; three-part challenge identification and use case development workshop series held Oct/Nov 2021• Developed, shared, and analyzed mobility data use case and priorities survey• Prepared regional mobility data concept white paper; approved by AMP Executive Committee in June 2022