

DRCOG Mid-Year UPWP Status Report
FY 2022 Unified Planning Work Program Activity
 October 1, 2021 through March 31, 2022

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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 planner, transportation planner, two regional plan implementation planners, GIS specialist) • 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

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 ○ Researched training courses in qualitative research (mobile ethnography, online focus groups, and social media tracking)
Attend webinars	<ul style="list-style-type: none"> • Attended webinars related to UPWP tasks and federal metropolitan planning factors, including: <ul style="list-style-type: none"> ○ AMPO Public Involvement Working Group Meetings ○ AMPO Performance-Based Planning and Programming Working Group Meetings ○ Mobility Data Interoperability Principles ○ FHWA/ITE Curbside Inventory Report Webinar ○ DME The Future of Autonomous Vehicles

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Activity 1.2 Tasks	Activity 1.2 Status
	<ul style="list-style-type: none"> ○ 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) ○ AMPO GIS and Data Viz Working Group webinars and coffee chats ○ 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
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 AMPO Annual Conference (in-person) ○ FHWA Complete Streets training (virtual) ○ 2021 Colorado Transportation Symposium ○ 2022 Colorado Transportation Symposium

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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 an amendment to the FY 2022-2023 UPWP (February 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 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"> Ongoing

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 5 Regional Transportation Committee (RTC) meetings, 7 Transportation Advisory Committee (TAC) meetings, 7 DRCOG Board meetings, 3 Board Work Sessions, 4 Agency Coordination Team (ACT) meetings, and 4 (air quality) Interagency Coordination Group (ICG) meetings Prepared ~200 agenda memos and associated attachments
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"> Continued updating/revising the Transportation Planning in the Denver Region document in partnership with CDOT and RTD 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 Developed and implemented an agency translation policy Began update to nondiscrimination complaint procedures Participated in FHWA’s Equity Tools Technical Working Group
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"> Underway; several recommendations related to financial planning and fiscal constraint are completed. Other efforts are underway.

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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 MVRTP 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 on March 30, 2022) ○ Subregional transportation forum meetings • Continued monthly Regional Vision Zero work group meetings • Opened a public comment period for TIP Call for Projects #1 (Regional Share for the 2022-2025 TIP)
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 ○ Online public engagement site and project-based sites • Hired a consultant to help with web maintenance
Hold the Citizens' 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 • No Civic Academy held during this reporting period due to staff transitions, anticipate holding in Fall 2022
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.
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

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Activity 2.2 Deliverables	2022
Annual Report of Public Engagement Activities	<ul style="list-style-type: none"> No activity this reporting period, public engagement report under development

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
Meet with local governments about their transportation planning issues and needs and provide support and technical assistance as necessary	<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 Participated on Denver’s EV Steering Committee 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 11/8/2021
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	<ul style="list-style-type: none"> Initiated the Small-Area Forecast Working Group 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

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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
Pilot a new transportation-land use connection technical assistance program for local agencies	<ul style="list-style-type: none"> • Drafted program description • Began outreach to potential technical assistance planning consultants to broaden the base of potential respondents
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)

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
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 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, 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, and I-76/WCR 8 Interchange

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Activity 2.3 Tasks	Activity 2.3 Status
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
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 Commission, and others as appropriate	<ul style="list-style-type: none"> • Attended all TRAC meetings • Attended all scheduled STAC meetings • Attended monthly meetings of the Colorado Southwest Chief & Front Range Passenger Rail Commission • 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 activity in this reporting period

Activity 3.1 Metro Vision Plan – Collaboration and Implementation Assistance

Activity 3.1 Tasks	Activity 3.1 Status
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	<ul style="list-style-type: none"> • Concluded local government cohort focused on inclusionary zoning – held fourth and final meeting during reporting period
Participate in regional partnerships that advance Metro Vision outcomes and objectives through direct involvement, sponsorship, events, workshops, or other collaboration	<ul style="list-style-type: none"> • Staff served on: <ul style="list-style-type: none"> ○ Metro DNA steering committees ○ ULI Colorado Urban Mobility and Development (formerly TOD) Committee ○ American Planning Association – Regional and Intergovernmental Planning Division (Exec. Committee)

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Activity 3.1 Tasks	Activity 3.1 Status
	<ul style="list-style-type: none"> ○ 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 Workgroup ○ AMPO Socioeconomic Modeling Workgroup ● 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
Maintain Metro Vision through member-sponsored plan amendments as well as other amendments to ensure consistency between Metro Vision and other regional initiatives	<ul style="list-style-type: none"> ● No activity during this reporting period
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"> ● Ongoing participation on Commerce City Comprehensive Plan Technical Advisory Committee ● Advised Westminster on how they could use the Boomer Bond self-assessment
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)	<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 ● Updated the Performance Measure Status Report for 2020

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Activity 3.2 Tasks	Activity 3.2 Status
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
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"> No activity during this period
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"> Not yet integrated in DRCOG website, but available online
Regional Data Briefs	<ul style="list-style-type: none"> Data Brief – COVID's effects on construction

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 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
Provide travel model data results in support of 2050 MVRTP amendments	<ul style="list-style-type: none"> Conducted initial air quality modeling, including GHG analysis for the 2022 Amendments' fiscally constrained roadway and rapid transit networks

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Activity 3.3 Tasks	Activity 3.3 Status
	<ul style="list-style-type: none"> 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"> Began tracking changes to PDF of 2050 RTP Began agency-wide Equity/Environmental Justice/Disproportionally Impacted Communities analysis of definitions, process, and outcomes for use in MPO and regional planning processes

Activity 3.3 Deliverables	2022
Amendments (if any) to the 2050 MVRTP	<ul style="list-style-type: none"> None within reporting period

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 PM3 targets
Prepare performance measure reports, and/or assist CDOT with preparing performance measure reports	<ul style="list-style-type: none"> Began working with CDOT to develop the CMAQ Full Performance Period Progress Report Began working with CDOT to develop the CMAQ Baseline Performance Period Report
Prepare/update CMAQ performance plan of TIP-funded projects	<ul style="list-style-type: none"> Began working with CDOT to develop the CMAQ Full-Performance Period Progress Report
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 performance plan	<ul style="list-style-type: none"> In progress – due date September 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

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Activity 3.5 Tasks	Activity 3.5 Status
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 are in process for the 2022 Amended RTP.
Provide travel model data results in support of air quality conformity analyses	<ul style="list-style-type: none"> • In process
Prepare air quality conformity findings (DRCOG) and assess findings (APCD and AQCC) associated with amendments to the MVRTP	<ul style="list-style-type: none"> • In process
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
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"> • No amendment this reporting period, preparations made for upcoming amendment

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
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

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Activity 3.6 Tasks	Activity 3.6 Status
	<ul style="list-style-type: none"> 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"> No activity during the reporting period
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 Regional Complete Streets Toolkit and develop metrics of implementation status	<ul style="list-style-type: none"> Developed web map for soliciting changes to the Complete Streets typology dataset Performed cleanup of Complete Streets typology dataset Coordinating with consultant to perform Complete Streets network prioritization analysis
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 Short-Range Plan	<ul style="list-style-type: none"> Issued RFP and conducted consultant selection process for regional TDM Strategic Plan

Activity 3.6 Deliverables	2022
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
Review critical urban freight corridors and identify opportunities for additional designations	<ul style="list-style-type: none"> Ongoing; review typically conducted annually

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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"> No activity during this reporting period. Anticipate beginning this process during the second half of 2022.
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"> No activity during this reporting period.
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"> No activity during this reporting period. Anticipate beginning this process during the second half of 2022.
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"> No activity during this reporting period.
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.

Activity 4.1 Prepare Transportation Improvement Program

Activity 4.1 Tasks	Activity 4.1 Status
Conduct discussions and adopt 2024-2027 TIP Policy	<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 Regional Share Call for Projects (call #1) associated with 2022-2025 TIP opened in January and closed March 18 Subregional Share Call for Projects (call #2) for 2022-2025 TIP to open in May

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Activity 4.1 Tasks	Activity 4.1 Status
	<ul style="list-style-type: none"> • Non-MPO Call for Projects utilizing a portion of the MMOF funds to funding projects in FY23-27 to open in May • Regional and Subregional Share Calls for Projects (calls #3 and #4) associated with 2024-2027 TIP to be conducted from September 2022 to January 2023
Prepare the 2024-2027 TIP document for committee review and Board adoption by Spring 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 2024-2027 TIP Policy 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 will be set following adoption of the 2024-2027 TIP
Conduct call for projects for each Set-Aside and amend selected projects into the adopted TIP	<ul style="list-style-type: none"> • RTOT: Fall 2022 • CMPI projects adopted prior to reporting period • TDM: Projects adopted 2/16/22 • HST: 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 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

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Activity 4.3 Tasks	Activity 4.3 Status
Conduct appropriate project programming activities when additional revenues are made available or decreased, including additional Calls for Projects as warranted	<ul style="list-style-type: none"> Additional funding became available through the Infrastructure Investment and Jobs Act in late 2021 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 are currently underway. The Regional Share call opened in January and closed in March. The Subregional Share call is anticipated to open in May and close in June
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 project delay report (1/19/22 Board report)
Maintain and update the TRIPS project database and TIP web map	<ul style="list-style-type: none"> Ongoing, began work to add subregions to TRIPS

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

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
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

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Activity 5.1 Tasks	Activity 5.1 Status
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"> 2021 Annual Report in progress

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 four RTO Working Group meetings Attended five Traffic Incident Management (TIM) Team meetings DRCOG attended two 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
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 traffic signal webmap 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, completion anticipated by June 2022
Updates (as needed) to the Regional Transportation Operations and Technology Plan	<ul style="list-style-type: none"> Developing plan in conjunction with architecture update

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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 three 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 DRCOG is an executive member on the Colorado Standing Committee on First Responders Safety (CSCFRS) that provides policy-level guidance statewide

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"> Surveyed stakeholders about a potential "Crash Consortium" that would focus on building in quality from collection through processing 2004-2019 crashes maintained in the Regional Data Catalog Geocoded and performed quality checks to the Crash 2020 data Applied for 405c grant funding to support crash coordinator position to develop regional consortium of crash data stakeholders
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"> Applied and selected for FHWA Safe Systems Pilot Program for support on Littleton's Broadway Corridor Study Participating in CAC for Hampden Avenue Mobility & Safety Study Participating in US 285 Congestion Mitigation TAC

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Activity 5.4 Tasks	Activity 5.4 Status
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 Coordinating with consultant to perform 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; connections with Boulder PD has been initiated to begin facilitating work sessions among police departments to focus on crash reporting, crash profiles, and the High-Injury Network

Activity 5.4 Deliverables	2022
Update Taking Action on Regional Vision Zero High Injury Network	<ul style="list-style-type: none"> No activity during the reporting period

Activity 5.5 Innovative Mobility Planning

Activity 5.5 Tasks	Activity 5.5 Status
Work with stakeholders to implement Mobility Choice Blueprint recommendations and other transportation technology and innovative mobility programs, policies, research, and projects in the region	<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
Host and coordinate Advanced Mobility Partnership Executive Committee (quarterly), Working Group (monthly), and Steering Committee meetings	<ul style="list-style-type: none"> Hosted and coordinated 1 AMP Executive Committee, 4 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
Host and lead the regional Micromobility Work Group	<ul style="list-style-type: none"> Hosted 2 quarterly Micromobility Work Group Meetings

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Activity 5.5 Tasks	Activity 5.5 Status
Implement regional shared micromobility framework and procedures, including shared micromobility data platform project and technical support for member governments	<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 partner 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
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"> No activity in the reporting period

Activity 5.5 Deliverables	2022
Shared micromobility data platform pilot evaluation	<ul style="list-style-type: none"> Managed Ride Report contract and hosted user group check in and information sharing sessions Collected stakeholder feedback via survey of participating agencies to inform pilot evaluation report Developed draft evaluation report
Regional inventory of emerging and innovative mobility programs, projects and pilots	<ul style="list-style-type: none"> Developed regional AMP Technology Pilot Tracker

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	<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

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Activity 6.1 Tasks	Activity 6.1 Status
Coordinating Councils (LCCs), and other stakeholders to coordinate human service transportation	<ul style="list-style-type: none"> 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
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; no update in reporting period

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"> Ongoing

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"> No action during the reporting period

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

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Activity 6.3 Tasks	Activity 6.3 Status
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
Forecast revenues and expenditures	<ul style="list-style-type: none"> RTD, in conjunction with local stakeholders, has selected a consultant to work on the Northwest Rail Starter Service. The process is expected to take approximately two years. DRCOG staff participated in Northwest Rail planning meetings

Activity 6.4 Deliverables	2022
2023-2028 Mid-term Financial Plan for input into the TIP	<ul style="list-style-type: none"> 2022 – 2027 Mid-Term Financial Plan adopted by Board on October 19, 2021

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
Conduct other assorted engineering, planning, and environmental activities	<ul style="list-style-type: none"> Ongoing

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 Request for Qualifications released for 38th & Blake Station site
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 Colfax corridor

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Activity 6.6 Tasks	Activity 6.6 Status
	<ul style="list-style-type: none"> Working with Aurora to establish TSP on Havana Working with Longmont to establish TSP on Coffman Working with Boulder County and CDOT on TSP for SH-119 Continuing to monitor TSP on US-36
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 in progress
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 to assist RTD with preparing the necessary environmental and preliminary engineering design required to determine cost for establishing starter service in the Northwest Corridor
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

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 tool to evaluate margin of error Worked with State and local partners to adjust Census PUMA boundaries

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Activity 7.1 Tasks	Activity 7.1 Status
	<ul style="list-style-type: none"> Improved employment data processing workflow Developed GTFS dataset
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 one Data Acquisition meetings (Oct 2021) 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
Maintain internal processes and infrastructure in support of data, application, and tool development	<ul style="list-style-type: none"> Began implementing cloud migration of documents, databases, and applications Standardized python/anaconda environment
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
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"> 90% of the project completed by March 31, 2022

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 2021 annual data collection for gathering information from local governments (including zoning, building, and open space data) Updated LEHD dataset (employment) 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) Began analysis to determine how to integrate proprietary database of for-sale

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Activity 7.2 Tasks	Activity 7.2 Status
	residential approvals and construction activity in forecasting workflow
Document, automate, and improve model input and output processing workflows and storage routines	<ul style="list-style-type: none"> No activity during this reporting period
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. to assist with new calibration routines
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"> No activity during this reporting period

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

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 6 corridor studies (e.g., NEPA and PELs)
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
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

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Activity 7.3 Tasks	Activity 7.3 Status
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
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 and is currently being used for 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
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

DRCOG Mid-Year UPWP Status Report
FY 2022 Unified Planning Work Program Activity
 October 1, 2021 through March 31, 2022

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 • Developed draft 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 currently undergoing partner review

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 draft regional mobility data concept white paper for partner review