

FY 2014 and 2015 UNIFIED PLANNING WORK PROGRAM FOR THE DENVER REGION

Adopted July 17, 2013
Amended April 16, 2014
Amended February 18, 2015



1290 Broadway, Suite 700
Denver, CO 80203
www.drcog.org

Preparation of this report has been financed in part through grants from the Federal Transit Administration and the Federal Highway Administration of the U.S. Department of Transportation.

ABSTRACT

TITLE: FY 2014 and 2015 Unified Planning Work Program for the Denver Region

AUTHOR: Denver Regional Council of Governments

SUBJECT: Joint transportation planning work program for the Denver Regional Council of Governments, Colorado Department of Transportation, and Regional Transportation District

DATE: Adopted July 17, 2013
Amended April 16, 2014
Amended February 18, 2015

SOURCE OF COPIES: Public Information and Communications
DRCOG
1290 Broadway
Denver, CO 80203
(303) 455-1000
or from the DRCOG Web site:
<https://drcog.org/programs/transportation-planning/unified-planning-work-program>
<http://www.drcog.org/index.cfm?page=PlanningProcess>

NUMBER OF PAGES: 41

ABSTRACT: The Unified Planning Work Program describes and facilitates coordination of all urban transportation and transportation-related planning activities anticipated within the DRCOG Region for the 2-year period October 1, 2013 through September 30, 2015 (federal fiscal years 2014 and 2015).

This page intentionally left blank.

TABLE OF CONTENTS

I. INTRODUCTION	1
Purpose	1
Background	1
II. REGIONAL TRANSPORTATION PLANNING	3
Guidelines for Planning Activities	3
Title VI Requirements	3
DRCOG Board of Directors	3
Federal Quadrennial Review Comments	3
Federal Planning Emphasis	3
Relationship to Air Quality Planning	4
Status of the Metro Vision Plan and Regional Transportation Plan	5
FY2012-FY2013 Activities	6
III. THE PLANNING PROGRAM FOR FISCAL YEARS 2012 AND 2013	7
Program Organization	7
Program Financing	8
Activities of Priority	8
IV. FEDERAL URBAN TRANSPORTATION PLANNING PROGRAM ACTIVITY DESCRIPTIONS.....	9
<i>Activity 1.0 Working Together</i>	<i>9</i>
1.1 Interregional Planning Coordination	9
1.2 Maintaining the Urban Transportation Planning Process	9
<i>Activity 2.0 Involving the Public in Decision-making.....</i>	<i>11</i>
2.1 Conduct the DRCOG Public Participation Process	11
2.2 RTD and CDOT Local Government Planning Process.....	12
<i>Activity 3.0 Evolving the Metro Vision.....</i>	<i>13</i>
3.1 Administer the Metro Vision Assessment Process	13
3.2 Refine Metro Vision's Growth and Development Elements	13
3.3 Metro Vision Regional Transportation Plan	14
3.4 Air Quality Conformity	14
3.5 Pedestrian and Bicycle Element Planning.....	15
3.6 Regional Transit Planning	16
3.7 Oversight of RTD System Planning Process.....	17
3.8 Addressing Transportation Safety Issues.....	18
3.9 Participate in Transportation Security Planning.....	18
3.10 System Preservation	19
<i>Activity 4.0 Making the Transportation System Work Better.....</i>	<i>20</i>
4.1 DRCOG Congestion Management Process	20

4.2	Regional Transportation Operations	20
4.3	Regional TDM Planning	21
<i>Activity 5.0</i>	<i>Implementing the Metro Vision Plan</i>	<i>23</i>
5.1	Transportation Improvement Program	23
5.2	RTD Strategic Business Plan	23
5.3	Park-n-Ride [®] Planning and Transit Oriented Development (TOD)	24
5.4	Metro Vision Implementation Program	24
5.5	Performance Measure Reporting	26 2625
5.6	Annual FasTracks Assessment.....	26
5.7	FasTracks Program Management and Planning Assistance.....	27 2726
<i>Activity 6.0</i>	<i>Preparing the New 2040 Plans</i>	<i>28</i>
6.1	Preparation of the Metro Vision 2040 Plan (MV 2040)	28
6.2	Preparation of the 2040 Metro Vision Regional Transportation Plan and Fiscally Constrained 2040 RTP (FC-2040 RTP)	29 2928
6.3	Metro Vision 2040 Outreach and Public Participation	29
<i>Activity 7.0</i>	<i>Support Systems for Planning.....</i>	<i>31</i>
7.1	Develop Regional Information Products and Technologies.....	31
7.2	Regional Modeling and Forecasting.....	32 3234
7.3	Assemble and Prepare Transportation and Related Data.....	32
V.	OTHER MAJOR PLANNING ACTIVITIES	34
A.	Identified in a previous/current Transportation Improvement Program.....	34
B.	Colorado Department of Transportation, Division of Transportation Development – State Planning and Research Program (Summary)	36
C.	Non-Federally Funded & Local Governments Planning Activities	37
APPENDIX A	PROGRAM FINANCING TABLES.....	39
APPENDIX B	TABLE OF DRCOG AND RTD PRODUCTS AND EXPECTED COMPLETION DATES.....	41

LIST OF FIGURES

Figure 1. Transportation Management Area	2
------------------------------------------------	---

I. INTRODUCTION

Purpose

Transporting people and goods from one place to another is integral to the economy and quality of life in the Denver region. With limited resources, it is imperative that federal, state, local, and private sector resources be expended effectively and efficiently. The Unified Planning Work Program (UPWP) describes how federal urban transportation planning funds will be spent for the regional transportation planning process. The UPWP is the basis for federal grants by which the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) spend federal urban transportation planning funds in the region. The UPWP describes specific activities to be conducted and the associated participants. The UPWP covers a two-year period—federal fiscal years 2014 and 2015, stretching from October 1, 2013 through September 30, 2015.

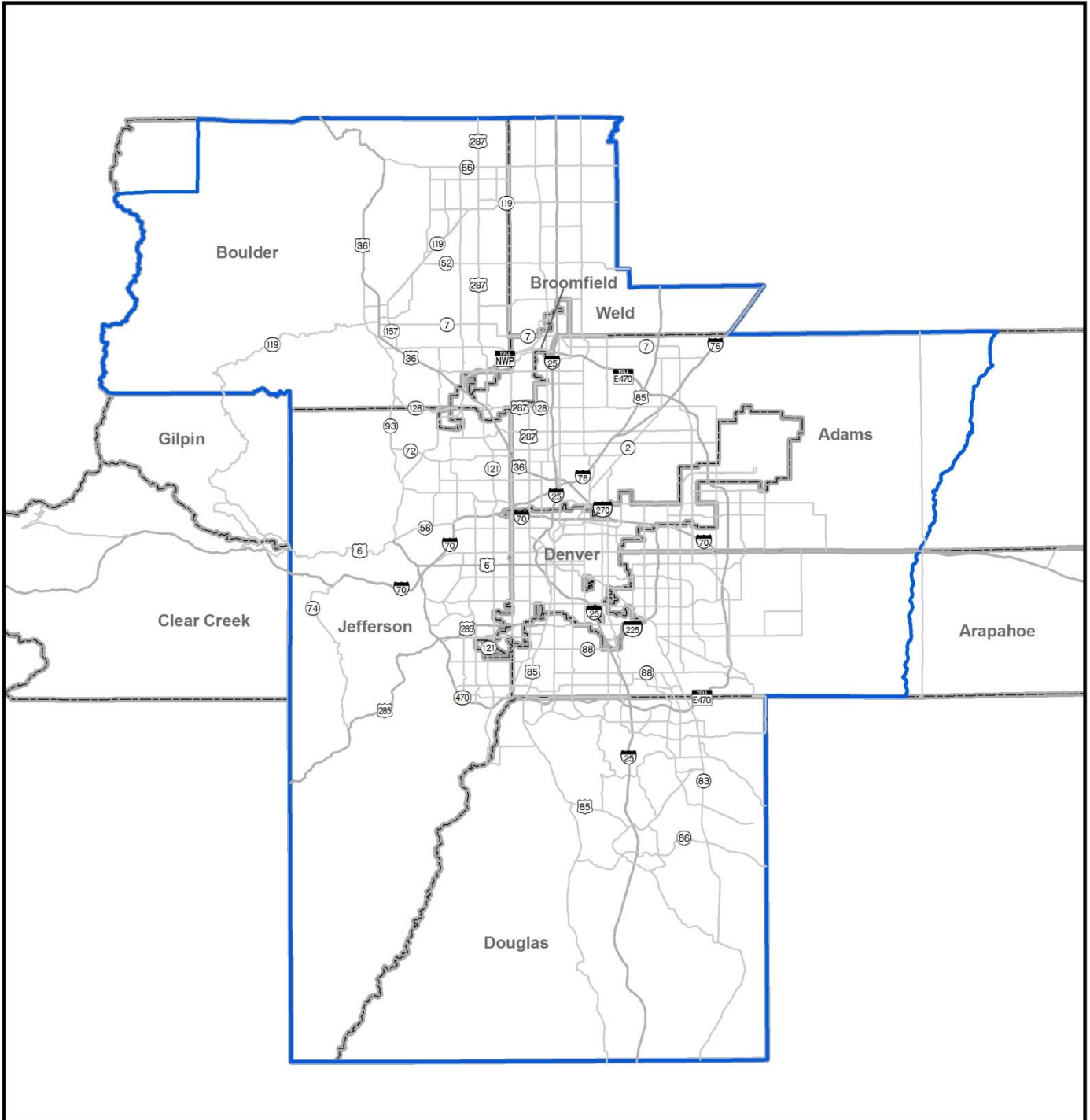
Background

The Denver Regional Council of Governments (DRCOG) is the designated Metropolitan Planning Organization (MPO) for the region's Transportation Management Area (TMA) (see Figure 1). DRCOG is the recipient of the federal urban transportation planning funds. As the designated MPO, DRCOG is responsible for facilitating the Urban Transportation Planning Process, and for coordinating the activities of the other participating agencies that carry out UPWP activities. DRCOG works with local governments, regional agencies, and the state in determining how the federal urban transportation planning funds will be spent.



DRCOG, the Colorado Department of Transportation (CDOT), and the Regional Transportation District (RTD) signed a Memorandum of Agreement in July 2001 (modified in June 2008) that coordinates transportation decision-making in this region. A Regional Transportation Committee (RTC) assists the DRCOG Board of Directors in carrying out the transportation planning process.

These three agencies, working through the RTC, have approved and maintained a "prospectus" document titled [Transportation Planning in the Denver Region](#) that defines how the planning and decision making process works.

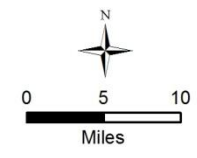
The region's long range plan for growth, development, and transportation is called [Metro Vision](#). The goals and policies of Metro Vision address regional transportation and air quality problems. Transportation and land use strategies must be implemented together to achieve the goals. The transportation goals of Metro Vision reflect the need to provide mobility and accessibility to support the physical, social, and economic development of the region for persons of all ages, incomes, and abilities



LEGEND

-  Transportation Management Area
-  DRCOG County Boundaries

0 5 10
Miles



A north arrow is positioned above a scale bar that indicates distances of 0, 5, and 10 miles.

SOURCE DATA.
Enter all data sources here, included base map information.

This data is intended for informational purposes only. DRCOG provides this information on an "as is" basis and makes no guarantee, representation or warranty, either express or implied, that the data will be error free. DRCOG further makes no guarantees, representations or warranties, either express or implied, as to the completeness, accuracy or correctness of the data, or as to merchantability or fitness of the data for a particular use or purpose. DRCOG is not responsible to any user for any costs, expenses, liabilities or damages arising from inconsistencies in its data or from any use of the information.

Projection: State Plane Colorado Central, NAD 83 (feet)
PJ 913

Client:\Database\Programs\UP\Fig1\Fig1Portal_Map_Template.mxd

II. REGIONAL TRANSPORTATION PLANNING

The DRCOG Metro Vision 2035 Plan and companion 2035 Metro Vision Regional Transportation Plan (2035 MVRTP) define the future growth, development, and transportation investment framework for the region. CDOT, RTD, and local governments implement many important projects and services. The project that will have the greatest long-term regional impact is the RTD FasTracks Plan. The FasTracks Plan will add several new rapid transit corridors and extend some existing corridors. It will greatly impact how many people travel, where and how development occurs, and the environmental quality of life in the Denver region.

(Hyperlinks to referenced documents are underscored here and elsewhere in this document.)

Guidelines for Planning Activities

Title VI Requirements

Transportation planning activities must be consistent with Title VI of the Civil Rights Act of 1964. DRCOG prepared a 2001 Title VI Status Report, which was provided to the Federal Transit Administration (FTA). In 1999, DRCOG prepared a Disadvantaged Business Enterprise Program and updated it in 2009. In 2013, DRCOG completed new Title VI complaint procedures and Limited English Proficiency (LEP) Plan. In addition, DRCOG participates in the Colorado Unified Certification Plan that was approved by USDOT in April 2004. The UPWP also addresses Environmental Justice issues as required by an Executive Order that clarifies elements of the Civil Rights Act.

DRCOG Board of Directors

The DRCOG Board of Directors has noted that regional transportation planning efforts should support the goals, policies, and action strategies of the 2035 MVRTP.

Federal Quadrennial Review Comments

Every four years, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) perform a review of the urban transportation process conducted by DRCOG, CDOT, and RTD. The last review was completed in October, 2012. Recommendations from that review are incorporated in this document, as warranted. The next review will be completed in 2016.

Federal Planning Emphasis

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) require the metropolitan transportation planning process to be responsive to MAP-21. Though federal rulemaking has yet to be finalized, this UPWP has been developed to address anticipated MAP-21 guidance as much as possible.

Relationship to Air Quality Planning

The DRCOG Board of Directors has issued a policy statement in which it pledges to work cooperatively with all agencies and commits itself to a leadership role in the region's on-going efforts to improve air quality. The region has been classified in "attainment maintenance" for all federal air quality standards, except for the eight-hour ozone standard.

Goals, policies, and action strategies related to air quality are fully incorporated in the adopted [2035 Metro Vision Regional Transportation Plan \(MVRTP\)](#). The 2035 MVRTP explicitly calls for the transportation system to minimize transportation's contribution to air pollution. The plan advocates the development of a rapid transit system, a supporting and supplemental bus system, and a robust system of non-motorized mode facilities and services.

The planning process is responsive to federal clean air legislation. Clean Air Act (CAA) amendments were passed by Congress in November 1990, and require that the TIP and the RTP show conformity with the state implementation plan (SIP) for air quality. DRCOG conducts modeling activities to estimate future vehicle miles traveled and associated characteristics. The Colorado Air Pollution Control Division (APCD) of the Colorado Department of Public Health and Environment (CDPHE) performs the analysis of air pollutants expected from implementation of the plan.

In recent years, air quality conformity was demonstrated for all approved TIP's and Fiscally-Constrained RTP's.

In 2008, the U.S. Environmental Protection Agency (EPA) lowered the National Ambient Air Quality Standards (NAAQS) for ground-level ozone to 0.075 parts per million (ppm) from the 1997 standard of 0.085 ppm. On April 30, 2012, the EPA designated Denver-North Front Range Area as marginal nonattainment under the 2008 ozone standard (0.075 ppm). The marginal nonattainment designation does not impose any new planning requirements on the State of Colorado at this time; however, the Denver-North Front Range Area must meet the standard before 2015 or new requirements may be imposed.

The Denver-North Front Range 8-hour Ozone Nonattainment Area for the 2008 ozone NAAQS keeps the same boundary as the nonattainment area under the 1997 ozone NAAQS, which covers the counties of: Adams, Arapahoe, Boulder, Broomfield, Denver, Douglas, Jefferson, and parts of Larimer and Weld Counties that have the highest concentration of emissions.

The regional transportation planning process has been organized to assure communication and coordination between air quality agencies and transportation agencies. The DRCOG transportation committee structure is defined in an MPO Memorandum of Agreement (MOA). The Prospectus and an MOA between DRCOG

and the RAQC define the positions in specific committees. The RAQC and APCD staffs are full participants in the air quality technical work of the planning program. A MOA was prepared and executed by DRCOG and the APCD in 1998 that defines specific roles and responsibilities of DRCOG, the Air Quality Control Commission (AQCC), and the APCD, with respect to coordination of activities and technical responsibilities. DRCOG is responsible for preparing transportation data to be used for air quality modeling associated with conformity determinations. The APCD is responsible for conducting air quality modeling and mobile source emission calculations. In addition, since the 8-Hour Ozone conformity process involves three regional planning agencies, an MOA addressing this process was signed in March 2008 by CDPHE, CDOT, RAQC, Upper Front Range TPR, NFRMPO, and DRCOG. This MOA outlines agency roles, methods for determining conformity, and procedures for compiling model results from the three planning regions.

Planning activities, which have a direct relationship to air quality and in which air quality will be directly considered, include:

- Activity [4.1](#), congestion management planning and integration into programming process;
- Activity [4.2](#), transportation operations planning and integration into programming process;
- Activity [4.3](#), regional TDM planning products and actions that support reduced VMT and motor vehicle trips;
- Activity [3.4](#), updates to various state (air quality) implementation plans (SIPs) and conduct of the air quality conformity analysis on the RTP and TIP, updates to Regulation 10 that outlines conformity procedures and roles of DRCOG and APCD, and incorporation of new MOVES model into the conformity process;
- Activity [6.0](#), products and actions associated with the preparation of the new Metro Vision 2040 Plans will be closely linked to air quality and sustainability.

Status of the Metro Vision Plan and Regional Transportation Plan

The following table lists the most recent status (as of ~~July~~ [January 2013](#) [2015](#)) of the Metro Vision Plan, the Regional Transportation Plan, and associated planning documents.

<u>Documents</u>	<u>Action/Date</u>
<u>Metro Vision 2035</u>	Amended February 2013 May 2014
<u>Metro Vision Growth and Development Supplement</u>	Amended January 2012 May 2014
<u>Open Space Plan</u>	Adopted July 1999

<u>2035 Metro Vision Regional Transportation Plan</u> (includes Fiscally Constrained Element)	Amended February 2013 February 2014
<u>2012-2017 Transportation Improvement Program</u>	Adopted March 2011
<u>Pedestrian and Bicycle Element of the 2035 Metro Vision Regional Transportation Plan</u>	Adopted May 2009
<u>Transit Element of the 2035 Metro Vision Regional Transportation Plan</u>	Adopted April 2010
<u>Regional TDM Short Range Plan</u>	Adopted June 2012
<u>Denver Regional Intelligent Transportation Systems Strategic Plan</u>	Amended October 2010
<u>Public Involvement in Regional Transportation Planning</u>	Adopted April 2010

FY2012-FY2013 Activities

Major activities completed in the FY2012-FY2013 UPWP are:

- Adoption of the *2014-2015 Unified Planning Work Program*
- Numerous amendments to the *2012-2017 Transportation Improvement Program*
- Several amendments and conformity determinations associated with the *2035 MVRTP*
- Completed the Limited English Proficiency Plan (LEP)
- Developed a Regional Concept of Transportation Operations (RCTO)
- Adopted the Regional TDM Short Range Plan
- Completed annual congestion management process reports
- Completed two safety reports: *Report on Traffic Safety in the Denver Region* and *Pedestrian and Bicycle Safety in the Denver Region*

III. THE PLANNING PROGRAM FOR FISCAL YEARS 2014 AND 2015

Program Organization

The transportation planning program lists proposed transportation and transportation-related planning activities in the Denver region from October 1, 2013 through September 30, 2015. (*Hyperlinks to referenced documents are underscored.*)

UPWP activities are organized into two major groups:

- Activities funded with federal urban transportation planning funds, and
- Other major planning activities

The federal urban transportation planning funded activities are organized to reflect key objectives associated with the implementation of Metro Vision:

- **Working together** – The UPWP recognizes that coordination between the Metropolitan Planning Organization (MPO) participating agencies is necessary to address transportation and development issues of the region if the goals and objectives of Metro Vision are to be accomplished.
- **Involving the public in decision-making** – Public involvement and support of the public is necessary in achieving projects that are consistent with the Metro Vision goals and policies. The UPWP supports efforts to increase the participation of the public in the planning process.
- **Evolving the Metro Vision** – Metro Vision is not static; it evolves as necessary to address new challenges. Important aspects of Metro Vision will be refined through activities of this UPWP to enhance personal mobility via all modes of travel and improve the quality of life in our communities.
- **Making the transportation system work better** – Agencies in the DRCOG region must operate existing infrastructure and systems as safely, effectively, and efficiently as possible.
- **Implementing the Metro Vision plan** – This objective recognizes that effective projects of all sizes must be implemented and monitored to help the region achieve the transportation and development goals of the region.
- **Preparing the new 2040 Plans** – A new Metro Vision 2040 Plan and companion 2040 MVRTP will be adopted in late 2014. Several outreach and technical tasks will be completed prior to preparing the draft plan documents for public review and adoption
- **Support Systems for Planning** – The ability to conduct effective planning activities requires the acquisition and maintenance of critical data and planning tools.

Other major planning activities are presented in Chapter V and organized in three groups:

- **Planning for projects identified in the Transportation Improvement Program** – The implementation of major projects requires planning

studies, environmental assessments, and design activities. One or more of the implementation steps for the projects listed in this section have been funded with federal and state funds and are derived from the Regional Transportation Plan (RTP).

- **Activities identified in the CDOT State Planning and Research Program** – The Colorado Department of Transportation (CDOT) prepares a document similar to the UPWP for its planning activities. A number of these activities affect this region and are so listed.
- **Non-federally funded and local government planning activities** – The Regional Transportation District (RTD) and local governments conduct various plans and prepare project environmental documents. Significant transportation planning and project development activities are listed in this section

Program Financing

For the federal transportation planning funded activities, total revenues available to carry out essential transportation planning activities within the region are displayed by specific funding source (Table 1 of Appendix A). The anticipated distribution of total funds to each of the seven major objectives identified above is indicated by the agencies completing the objectives (Tables 2 and 3 of Appendix A). Funding sources are also indicated.

Activities of Priority

- Monitor federal, state, and/or regional efforts to increase transportation funding (Activity [3.3](#))
- Continue to monitor and assist with the preliminary work related to the new 8-hour ozone SIP development (Activity [3.4](#))
- Continue to focus on methods to manage congestion by reducing demand and improving operations (Activity [4.1](#) and [4.2](#))
- Adopt the 2016-2021 Transportation Improvement Program (TIP), including the associated TIP Policy document (Activity [5](#))
- Continue to promote the implementation of Metro Vision policies by informing and facilitating collaboration among local governments and other regional partners (Activity [5.4](#))
- Continue efforts associated with the development and adoption of the Metro Vision 2040 Plan and 2040 MVRTP (Activity [6](#))
- Add to the suite of performance measures to be incorporated into plans, performance tracking, or project selection processes and develop corresponding analytics (Activity [5.5](#), [6.1](#), [6.3](#), and [7.3](#))
- Respond to rules and guidance of MAP-21 as they become available

Descriptions, including the objectives, products, and agency participation for each activity in program sequence, are included on the following pages. Lead agencies are underlined and agencies contributing substantive work to the activity are listed.

IV. FEDERAL URBAN TRANSPORTATION PLANNING PROGRAM ACTIVITY DESCRIPTIONS

DRCOG will potentially need consultant assistance in completing some planning activities in this UPWP, including during periods of staff vacancies, with specific references as noted.

Objective 1.0 Working Together

Activity 1.1 Interregional Planning Coordination

Purpose: To maintain the working relationship and coordination of planning efforts between DRCOG and its neighbors that address interregional issues and opportunities associated with transportation (consultant assistance may be required).

Tasks:

Ongoing

- Maintain communication and exchange information with other regional stakeholders including neighboring areas (Elbert, El Paso, Larimer, Park, Summit, and Weld (non-MPO) counties) and the state on transportation, land use, and economic development issues
- Coordinate with other MPO's and TPR's on planning for transportation facilities and services adjacent to mutual border
- Work with North Front Range MPO and Upper Front Range TPR on 8-Hour Ozone Conformity activities and documents
- Monitor and report on key efforts of interregional transportation proposals
- Monitor, participate, and/or assist with statewide transportation planning activities and funding opportunities
- Participate in and/or monitor the state transportation-related enterprises and committees: High-Performance Transportation Enterprise, Statewide Bridge Enterprise, CDOT Transit and Rail Advisory Committee, CDOT Efficiency and Accountability Committee, the State Transportation Advisory Committee (STAC), and others as appropriate
- Continue participation and involvement with the I-70 Coalition, as needed
- Maintain communication and exchange information with the consultants and participants on various corridor studies that cross DRCOG's boundaries
- Attend the statewide MPO meetings

Participants: DRCOG, CDOT, RTD, Pueblo Area MPO, Pikes Peak Area MPO, North Front Range MPO, Cheyenne MPO, and others

Activity 1.2 Maintaining the Urban Transportation Planning Process

Purpose: To facilitate the planning and implementation of transportation projects and services, while strengthening the working relationships among the MPO partner agencies.

Tasks:

Ongoing

- Participate in the DRCOG-held Regional Transportation Committee, Transportation Advisory Committee, Metro Vision Planning Advisory Committee, and other appropriate committees and working groups
- Participate in technical or advocacy groups and/or meetings with planning partners
- Manage and administer the transportation planning process, including the FY2014-2015 Unified Planning Work Program
- Incorporate guidance of state and federal agencies on the regional transportation planning process
- Participate on procedural efforts such as the definition of the functional highway class system, national highway system, and planning boundaries

2014

- Prepare and review FY2013 UPWP end-of-year report
- Prepare and review FY2014 UPWP mid-year report

2015

- Prepare and review FY2014 UPWP end-of-year report
- Prepare and review FY2015 UPWP mid-year report
- Review the Prospectus, [Transportation Planning in the Denver Region](#) (update if necessary)
- Complete and adopt the FY2016-FY2017 UPWP

Participants: DRCOG, CDOT, RTD, APCD, RAQC, local governments

Objective 2.0 Involving the Public in Decision-making

Activity 2.1 Conduct the DRCOG Public Participation Process

Purpose: To inform stakeholders about the objectives, activities, and progress of DRCOG plan and program development and to provide an opportunity for them to participate in planning and policy decisions by conveying their opinions to the DRCOG staff and the Board members.

Tasks:

(Note that public participation efforts specifically associated with the development of the 2040 Plans are covered in Activity [6.0](#))

Ongoing

- Conduct public forums, community meetings, and workshops regarding major planning products, as identified in the other activities
- Monitor, compile, and present comments and input received from the public
- Inform the public of adopted documents, program amendments, and opportunities to offer comments via DRCOG's website
- Give presentations to community, advocacy, and other interest groups, as requested
- Create and maintain various Web pages
- Research, develop, and manage interactive internet-based technologies to support the public participation process
- Continue to research alternative methods for the delivery of plan content to maximize the reach and accessibility of such materials
- Engage the Citizens Advisory Committee (CAC) to ensure issues and potential impacts are considered throughout the Metro Vision update

2014

- ~~Prepare and conduct short courses on Metro Vision and transportation planning process~~
- Hold public hearings and facilitate public comment periods associated with 2035 MVRTP and Metro Vision 2035 Plan amendments, annual FasTracks review, and other topics (may include consultant assistance)
- Build on the work in the 2012 Listening Tour for Metro Vision 2040, with ongoing engagement in the region, including feedback from related committee outreach

2015

- Prepare and conduct short courses on Metro Vision and transportation planning process
- Hold public hearings and facilitate public comment periods associated with 2040 MVRTP and Metro Vision 2040 Plan adoption, annual FasTracks review, 206-2021 TIP adoption, and other topics (may include consultant assistance)

Participants: DRCOG, CDOT, RTD, and local governments

Activity 2.2 RTD and CDOT Local Government Planning Process

Purpose: To provide a mechanism that incorporates the input of local and governmental jurisdictions into the RTD Strategic Business Plan (SBP) and CDOT planning process.

Tasks:

Ongoing

- Gather input from local government representatives for RTD's Strategic Business Plan (SBP) capital projects and annual service plan changes
- Conduct coordinated public involvement efforts associated with CDOT and RTD products such as the STIP, environmental studies, and other planning activities

Participants: RTD, CDOT and local governments, DRCOG

Objective 3.0 Evolving the Metro Vision

Activity 3.1 Administer the Metro Vision Assessment and Amendment Process

Purpose: To maintain up-to-date Metro Vision elements (Regional Transportation Plan and Growth and Development Supplement) through a review and amendment process.

Tasks:

Ongoing

- Assist member governments to incorporate DRCOG's Metro Vision policy elements into their local planning process
- Update the Growth and Development Supplement, as needed

2014

- Conduct Assessment and Amendment process for 2035 Plans:
 - Complete second cycle 2013
 - If needed, complete first cycle 2014

2015

- Conduct Assessment and Amendment process for 2040 Plans:
 - Complete first cycle 2015
 - Begin second cycle 2015

Participants: DRCOG, CDOT, RTD, and local governments

Activity 3.2 Refine Metro Vision's Growth and Development Elements

Purpose: To provide for the ongoing refinement of the growth and development sections of the Metro Vision Plan.

Tasks:

Ongoing

- Convene the Metro Vision Planning Advisory Committee, stakeholders, and related working groups to discuss potential policy updates, as needed
- Coordinate with member governments on member-sponsored amendments (e.g., new urban centers, other policy amendments, etc.)
- Continue research and development work supporting the monitoring and evaluation of the goals and policies of Metro Vision
- ~~Maintain regional coverage of local Urban Growth Boundary/Area allocations. Maintain Urban Growth Area/Boundary (UGB/A) status for area jurisdictions~~
- Administer emergency requests for new UGB/A, as needed

2015

- Administer the UGB/A allocation to the year 2040 following the adoption of Metro Vision 2040.

- ~~Review the UGB/A allocation (expansion) process following the Metro Vision 2040 adoption process~~

Participants: DRCOG

Activity 3.3 Metro Vision Regional Transportation Plan

Purpose: To maintain the Metro Vision Regional Transportation Plan.

Tasks:

Ongoing

- Participate and provide technical support in regional NEPA/environmental and Planning and Environment Linkages (PEL) efforts and/or similar regional planning efforts, as necessary; implement or incorporate into planning documents as appropriate
- Participate and conduct analyses on efforts to evaluate environmental sustainability policy issues
- Participate in regional and statewide efforts to consider freight movement in planning activities and evaluate need to conduct additional analysis of freight issues in the Denver region
- Incorporate actions or products that respond to state or federal transportation legislation guidance on regional transportation plans (e.g., MAP-21)
- Monitor state and/or regional efforts to increase funding for transportation and assist as necessary

2014 and 2015

- See Activity 6.0 for tasks related to development of the 2040 MVRTP

Participants: DRCOG, CDOT, RTD and local governments

Activity 3.4 Air Quality Conformity

Purpose: To facilitate implementation of transportation facilities by demonstrating air quality conformity of the adopted TIP, TIP amendments, adopted MVRTP, and MVRTP amendments, as necessary (finding of conformity is a federal requirement and a prerequisite to the adoption or amendment of the TIP or RTP).

Tasks:

Ongoing

- Track implementation of HB06-1302—Implementation of Clean Screen/High-Emitter Remote Sensing Plan, and other AQCC regulations (e.g., Regulation 7, Regulation 11) impacting transportation
- Monitor the readings and trends of criteria pollutants in relation to established attainment standards
- ~~Monitor federal legislation regarding new standards, requirements, or procedures. Assist air quality agencies (APCD, RAQC), as needed~~

State Air Quality Implementation Plans (SIP):

2014

- Collect annual Regulation 16 Street Sanding and Sweeping reports and prepare a summary (RAQC)
- Following the EPA's approval of the Revised Regulation 10, update the 1998 MOA for transportation conformity evaluations between CDPHE and DRCOG
- Continue with activities associated with the Regional Haze SIP

2015

- Collect annual Regulation 16 Street Sanding and Sweeping reports and prepare a summary (RAQC)

Transportation Air Quality Conformity:

2014

- Prepare highway and transit networks (DRCOG), perform air quality conformity model runs (DRCOG and APCD), and review highway networks (CDOT) and transit networks (RTD) associated with amendments of the 2035 MVRTP
- Prepare air quality conformity findings (DRCOG) and assess findings (APCD and AQCC) associated with amendments of the 2035 MVRTP.
- Collect new PM10 reduction commitments from local governments and road agencies for the 2040 MVRTP

2015

- Prepare highway and transit networks (DRCOG), perform air quality conformity model runs (DRCOG and APCD), and review highway networks (CDOT) and transit networks (RTD) associated with amendments of the 2035/2040 MVRTP
- Prepare air quality conformity findings (DRCOG) and assess findings (APCD and AQCC) associated with amendments of the 2035/2040 MVRTP

Participants: DRCOG, APCD, RAQC, AQCC, RTD, CDOT, local governments

Activity 3.5 Pedestrian and Bicycle Element Planning

Purpose: To monitor efforts, provide assistance, and prepare products that support the Pedestrian and Bicycle Element of the 2035 MVRTP. (Consultant assistance may be required.)

Tasks:

Ongoing

- Respond to questions and requests for assistance regarding local pedestrian and bicycle planning topics
- Monitor progress on TIP-funded and other bicycle and pedestrian projects

- Maintain facility inventory and mapping products for bicycle facilities in the Denver region. Monitor new sources, methodologies, and applications for providing information
- Monitor, evaluate procedures, and compile bicycle use counts conducted by CDOT and local governments across the region
- Participate in CDOT's annual Safe Routes to School program development and project selection process, as requested
- **Monitor TIP ID 2012-095. Project has been revised to the purchase of planimetric data (including sidewalk data) drawn from the latest set of aerial imagery. This project will start in January 2015**
- ~~Evaluate the capabilities and benefits of the Focus travel demand model for estimating pedestrian and bicycle trips, and assignment routing. (related to TIP funded study, TIP ID 2012-095)~~

2014

- Complete comparative summary analysis of recently completed TIP bicycle and pedestrian projects – benefits, user counts, comparison to predictions, etc.
- 2016-2021 TIP: 1) Assist with development of bicycle and pedestrian project evaluation criteria and eligibility provisions; ~~2) Consider updating the 2035 Regional Bicycle Corridor System Vision;~~ 3) Assist with the scoring of proposed bicycle and pedestrian projects; ~~4) Prepare applicable section of the draft CMAQ performance plan associated with the new TIP.~~
- ~~Begin preparation of the Pedestrian Element of the 2040 MVRTP~~
- ~~Begin preparation of the Bicycling Element of the 2040 MVRTP, including the Regional Bicycle Corridor System Vision map and identification of current missing link projects~~
- Monitor efforts by RTD and local governments on pedestrian and bicycling access to transit stations. Determine applicable role for DRCOG or products to produce.

2015

- Begin preparation of the Bicycling Element of the 2040 MVRTP, including the Regional Bicycle Corridor System Vision map and identification of current missing link projects
- 2016-2021 TIP: ~~Prepare applicable section of the final CMAQ performance plan associate with the new TIP.~~ Finalize scoring and project selection of proposed bicycle and pedestrian projects.
- Complete the Pedestrian Element of the 2040 MVRTP
- Complete the Bicycling Element of the 2040 MVRTP

Participants: DRCOG, RTD, CDOT, local governments

Activity 3.6 Regional Transit Planning

Purpose: To maintain the Transit Element of the 2035 MVRTP and monitor and assist with transit planning activities.

Tasks:

Ongoing

- Participate with the Denver Regional Mobility and Access Council (DRMAC) and other groups on efforts to improve coordination of specialized transit services, including serving on DRMAC's Board in an ex-officio capacity
- Coordinate with DRMAC, DRCOG's Area Agency on Aging (AAA), and other stakeholders in planning, development, and implementation of regional specialized transit coordination strategies as recommended by recent studies from the AAA and DRMAC
- Monitor, participate, and/or assist with local and regional transit planning activities and studies
- Coordinate with RTD on the progress, status, and performance of DRCOG-selected FTA grant-funded specialized transit projects
- See Task 1.1 for participation in CDOT-led or funded transit activities
- See Task [5.6](#) for Annual FasTracks Assessment

2014

- 2016-2021 TIP: 1) Assist with development of transit project evaluation criteria and eligibility provisions; 2) Assist with the scoring of proposed transit projects; 3) ~~Prepare applicable section of the draft CMAQ performance plan associated with the new TIP~~
- Begin preparation of the Transit Element section of the 2040 MVRTP

2015

- Coordinate selection process for FY2016 and FY2017 FTA Section 5310 funds within the Denver-Aurora urbanized area
- 2016-2021 TIP: 1) ~~Prepare applicable section of the final CMAQ performance plan associate with the new TIP~~; 2) Finalize scoring and project selection of proposed transit projects
- Complete the Transit Element section of the 2040 MVRTP

Participants: DRCOG, RTD, CDOT, DRMAC and others

Activity 3.7 Oversight of RTD System Planning Process

Purpose: To continue to provide system-level planning for the rapid transit corridors, the regional bus network, and transit facilities.

Tasks:

Ongoing

- Continuing oversight of system planning process

Participants: RTD

Activity 3.8 Addressing Transportation Safety Issues

Purpose: To further incorporate safety data and analyses into regional plans and planning activities. (consultant assistance may be required)

Tasks:

Ongoing

- Geocode crashes in the Denver region that are off the state highway system, as data is made available
- Participate with CDOT on the update to the Strategic Plan for Improving Roadway Safety and the Colorado Strategic Highway Safety Plan
- Update road segment and intersection crash rate database, preparing analyses of results, as needed
- Respond to requests for information

2014

- Develop and administer methods for incorporating safety information into the project evaluation and selection process for the 2016-2021 TIP and 2040 MVRTP

2015

- Update the two DROCG safety reports and republish (*Report on Traffic Safety in the Denver Region* and *Pedestrian and Bicycle Safety in the Denver Region*)

Participants: DRCOG, CDOT, public highway authorities, local governments, others

Activity 3.9 Participate in Transportation Security Planning

Purpose: To participate in security-related activities and develop planning products/methods that will be used to consider security in the process to identify, evaluate, and fund transportation projects.

Tasks:

Ongoing

- Monitor and respond to federal rulemaking and guidance documents
- Participate on federal and state agency committees dealing with security and transportation, as requested
- Liaise with the Governor's Office of Homeland Security (GOHS)
- Refine roles, establish and maintain relationships to existing documents and protocols (e.g., incident management plans, evacuation plans, training/exercise planning, and Regional ITS Architecture), and determine further activities with local stakeholders

Participants: DRCOG, CDOT, RTD, local governments, public highway authorities, GOHS (North Central Region and Northeast Region), and others

Activity 3.10 System Preservation

Purpose: To monitor and/or report conditions of transportation assets at the regional level. (consultant assistance may be required)

Tasks:

Ongoing

- Monitor and compile CDOT and RTD data related to pavement, bridge, transit fleet, facility condition, and other as appropriate
- Investigate future potential coordination activities, including monitoring, collecting, and reporting with other planning partners

2014

- Determine specific activities to be conducted, based on future guidance from CDOT and FHWA

Participants: DRCOG, CDOT, RTD, local governments, public highway authorities

Objective 4.0 Making the Transportation System Work Better

Activity 4.1 DRCOG Congestion Management Process

Purpose: To administer, maintain, monitor, and update the region's multimodal and multi-approach congestion management process through the DRCOG Congestion Mitigation Program that includes transportation operations, travel demand management (TDM), and intelligent transportation systems (ITS).

Tasks:

Ongoing

- Update the Congestion Mitigation Program (CMP) databases annually
- Update formulas and factors for delay calculations, as needed
- Prepare public information and outreach documents and presentations, including summaries of CMP data and the maintenance and update of CMP pages on the DRCOG web site
- Monitor federal (MAP-21) and statewide congestion measures, methodologies, and analytical tools
- Continue partnership with CDOT on operational evaluations of key bottleneck locations
- Monitor results of capacity improvements at key congested locations
- Monitor research on impacts and benefits of tolling and pricing mechanisms

2014

- Develop and administer methods for incorporating congestion information into the project evaluation and selection process for the 2016-2021 TIP and 2040 MVRTP
- Prepare 2013 Annual Report of [Traffic Congestion](#) on VMT in the Denver Region

2015

- Use congestion mitigation program data in the evaluation process for ITS Pool and TDM Pool project funding allocation
- Prepare 2014 Annual Report of Traffic Congestion in the Denver Region

Participants: DRCOG, CDOT, RTD, TMOs, public highway authorities, local governments

Activity 4.2 Regional Transportation Operations

Purpose: To provide a Regional Transportation Operations technical perspective to the Metro Vision planning process, assure project conformance with the Regional ITS Architecture and the Regional Concept of Transportation Operations, and continue to facilitate cooperative work on ITS deployment and day-to-day transportation operations.

Tasks:

Ongoing

- Conduct periodic stakeholder meetings to maintain dialogue necessary to implement the Regional Concept of Transportation Operations and assist with project implementation
- Monitor ITS deployment to ensure compliance with 23 CFR Part 940 and maintain systems engineering analysis project documentation submitted by stakeholders
- Maintain the DRCOG Turbo Architecture database and companion document
- Assist with the maintenance of the CDOT ITS Systems Engineering Analysis Guidelines
- Assist CDOT and FHWA with development and implementation of a statewide transportation operations plan
- Incorporate ITS and operations strategies into the Congestion Management Process analyses, measures, and public information products
- Coordinate with deployment of DRCOG's regional dynamic traffic assignment model
- Maintain and update Regional Transportation Operations and other applicable DRCOG web site pages
- Assist in the establishment of interjurisdictional and interagency data sharing and performance measure procedures and agreements

2014

- Develop concept of operations for regional data collection, management, and data sharing
- Develop regional incident management process
- Assist in 2040 MVRTP development, contributing to transportation management and operations elements

2015

- Develop concept of operations for regional traffic operations monitoring support

Participants: DRCOG, FHWA, CDOT, RTD, public highway authorities, public safety agencies, local governments [traffic, public safety, and information technology elements]

Activity 4.3 Regional TDM Planning

Purpose: To facilitate and monitor the provision of travel demand management services and projects consistent with the 2035 MVRTP. (consultant assistance may be required)

Tasks:

Ongoing

- Monitor progress and results of projects funded through the TIP Regional TDM Pool, including activities of the Regional TDM Program

- Monitor new types of TDM activities and techniques ~~and incorporate into the TDM Strategic Plan, as necessary~~
- Monitor and assist with “last-mile” studies and analyses associated with various transit stations

2014

- ~~Prepare applicable draft TDM section of the CMAQ performance plan associated with the new 2016-2021 TIP.~~
- Prepare work plan for the conduct and establishment of routinized annual surveys of travel mode share and vehicle occupancy
- Begin preparation of the TDM Element section of the 2040 MVRTP

2015

- ~~Prepare final draft TDM section of the CMAQ performance plan associated with the new 2016-2021 TIP.~~
- Conduct the project selection process for the Regional TDM Pool for FY2016 and FY2017
- Prepare summary report on progress, status, and outcomes of TDM Program and Pool.
- Complete the TDM Element section of the 2040 MVRTP

Participants: DRCOG, CDOT, RTD, TMO’s, local governments

Objective 5.0 Implementing the Metro Vision Plan

Activity 5.1 Transportation Improvement Program

Purpose: To maintain the conforming transportation improvement program by identifying projects to be funded with federal resources and other regionally significant projects. (consultant assistance may be required)

Tasks:

Ongoing

- Conduct appropriate project programming activities when additional revenues are made available or resources are decreased
- Prepare quarterly amendments and monthly administrative modifications (a) to the [2012-2017 Transportation Improvement Program](#) through March 2015, and (b) to the 2016-2021 Transportation Improvement Program after April 2015 and maintain the up-to-date web-version of the Transportation Improvement Program Tables on the [drcog.org](#) website and TRIPS, as necessary
- Provide assistance to implementing agencies, as needed (CDOT, RTD, local governments)
- Provide financial and project coordination, as necessary (CDOT, RTD, DRCOG)

2014

- Prepare and adopt *Policy on Transportation Improvement Program: Procedures for Preparing the 2016-2021 TIP*
- Prepare and issue a call for projects
- Prepare annual projects delayed report for FY2013
- Prepare annual list of obligated projects for FY2013
- Prepare annual CMAQ benefits evaluations for FY2013

2015

- Complete project selection and adoption the 2016-2021 Transportation Improvement Program, including air quality conformity, [CMAQ Performance Plan](#), and TIP Performance Plan
- Prepare annual projects delayed report for FY2014
- Prepare annual list of obligated projects for FY2014
- Prepare annual CMAQ benefits evaluations for FY2014
- Conduct the project selection processes for station area master plans/urban centers

Participants: [DRCOG](#), CDOT, RTD, local governments

Activity 5.2 RTD Strategic Business Plan

Purpose: To prepare the RTD Strategic Business Plan (SBP) for both the 2014-2019 and the 2015-2020 time frames.

Tasks:

2014

- Prepare the 2014-2019 Strategic Business Plan for input into the Transportation Improvement Plan

2015

- Prepare the 2015-2020 Strategic Business Plan for input into the Transportation Improvement Plan

Participants: RTD

Activity 5.3 Park-n-Ride[®] Planning and Transit Oriented Development (TOD)

Purpose: To research and report on Park-n-Ride[®] use and plan for and implement transit oriented development in conjunction with the planning and development of FasTracks and at existing transit stations and Park-n-Rides. This is done in partnership with local government jurisdictions, the development community, and other key stakeholders [see Activity [5.4](#)].

Tasks:

Ongoing

- Prepare quarterly Park-n-Ride[®] use reports
- Prepare biannual Park-n-Ride[®] user distribution geocoding and mapping
- Participate in local jurisdiction land-use planning processes for station areas
- 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
- Refine RTD design guidelines to reflect TOD policy goals
- Benchmark TOD activity in annual status report and FasTracks Quality of Life study
- Provide ongoing TOD education and outreach
- Complete Annual TOD Status Report

Participants: RTD, DRCOG, local governments

Activity 5.4 Metro Vision Implementation Program

Purpose: To work with local and regional partners to advance the goals and policies of Metro Vision (consultant assistance may be required).

Tasks:

Ongoing

- Provide resources, decision-support tools, technical assistance, outreach, education, and information sharing opportunities to local jurisdictions to help

them better integrate Metro Vision goals, policies , and implementation strategies into local planning activities

- Sponsor events, organize workshops, and support workshops organized by other entities that support Metro Vision goals
- Review proposed amendments to local comprehensive plans to assess consistency with Metro Vision, as requested
- Assist and support local jurisdictions to resolve interjurisdictional growth and development issues, as requested
- Identify and highlight local government best practices regarding community design for people of all ages, incomes, and abilities
- Participate and monitor project development efforts
- Identify key barriers to Metro Vision implementation and investigate potential solutions
- Provide support with DOLA on education for area planning commissioners
- Work with the area development community on research of policy impacts that limit the success of Metro Vision goals and the outlined development impacts at urban centers
- Work with area jurisdictions and TMAs on last mile transportation planning solutions
- Support area jurisdictions with best practice research for coordinated economic development and land use planning approaches
- Leverage lessons learned from Sustainable Communities Initiative (SCI) activities to further Metro Vision 2035 implementation (e.g., transit corridor planning and implementation, TOD projects, etc.) and Metro Vision 2040 development
- Urban Centers/Station Area Master Plan DRCOG-provided services

2014

- ~~Establish and manage~~ **Manage the a** Metro Vision Implementation Steering Group
- **Continue to host Metro Vision Idea Exchanges**
- ~~Establish, prioritize, and C~~ **Conduct** specific activities associated with the implementation of Metro Vision, ~~including projects identified by the Steering Group and supported by the DRCOG Board~~
- ~~Initiate the update of the regional TOD study~~
- Complete work on the Boomer Bond tool kit of best practice policies and strategies for jurisdictions

2015

- Conduct specific activities associated with the implementation of Metro Vision 2040
- Initiate the update of the regional TOD study
- ~~Complete work on the update to the regional TOD report~~

Participants: DRCOG, local governments, CDOT, RTD

Activity 5.5 Performance Measure Reporting

Purpose: To update, compile, and report on regional performance measures derived from the Metro Vision and regional transportation planning processes.

Tasks:

Ongoing

- Compile data associated with various regional performance measures
- Monitor MAP-21 rulemaking and CDOT actions related to measures and targets
- Develop and distribute information products that support the monitoring and evaluation of Metro Vision goals and policies

2014

- Define and refine specific performance measures (i.e., sustainability, environmental, quality of life, growth & development, and transportation) that will be monitored and presented as part of overall planning process (measures specific to the new 2040 Plans will also be developed under Task [6.1](#))

2015

- Establish short-term (2-5 year) Metro Vision implementation measures (to be informed by Sustainable Communities Initiative (SCI) activities)
- Specific products will depend on actions in 2014
- Prepare public interest reports listing and describing TIP-funded roadway, transit, and bicycle/pedestrian projects, documenting implementation status and, for completed projects, output measures of performance and benefits as part of MAP-21 performance measure reporting.

Participants: DRCOG

Activity 5.6 FasTracks Assessment

Purpose: To assess the status of FasTracks with respect to Senate Bill 208 (SB-208) or as directed by the DRCOG Board.

Tasks:

2014

- Complete the assessment of RTD's FasTracks Change Report(s). Begin reviewing RTD's 2014 FasTracks Plan Baseline Report. Consultant assistance may be required for Financial Plan review. (RTD would provide funding for financial consulting effort; CPG funds may be used for the other consultant activities)

2015

- Complete the 2014 FasTracks Plan Baseline Report and any Change Report(s) assessment. Consultant assistance may be required for Financial Plan review. (RTD would provide funding for financial consulting effort; CPG funds may be used for other consultant activities)

Participants: DRCOG, RTD

Activity 5.7 FasTracks Program Management and Planning Assistance

Purpose: To oversee and manage engineering, planning, environmental, project controls, and construction management activities for FasTracks (consultant assistance may be required).

Tasks:

Ongoing

- Annual Program Evaluation of the FasTracks program, including revised capital costs, schedule, and preparation of program management plans for FasTracks corridors
- Preparation of FasTracks Change Report(s) for DRCOG
- Other assorted engineering, planning, and environmental activities for FasTracks

Participants: RTD

Objective 6.0 Preparing the New 2040 Plans

Activity 6.1 Preparation of the Metro Vision 2040 Plan (MV 2040)

Purpose: To complete the MV 2040 Plan (consultant assistance may be required).

Tasks:

Ongoing

- Maintain and monitor all tasks and activities related to the completion of the 2040 Plans
- Facilitate technical committees and other related meetings
- Convene workgroups to address specific policy issues, as needed
- Identify overarching plan implementation guidance and strategies

2014

- Continue public engagement and outreach efforts
- Complete Metro Vision 2040 scenario analysis activities and reports
- Assist DRCOG Board as needed to develop policies for Metro Vision 2040
- Complete final small area socioeconomic forecast allocations at the transportation analysis zone (TAZ) level
- Develop curriculum for Metro Vision 2040 Citizens Academy
- Integrate SCI-funded regional activities (housing, economic development, Regional Equity Atlas, and Boomer Bond) into Metro Vision 2040 process
- Review capability of modeling local fiscal impacts of growth
- Incorporate analytic and output enhancements to the Focus travel demand model supporting the development of the 2040 Plans
- Complete the draft Metro Vision 2040 document(s) to go for public review in late 2014
- Complete the development of the Urban Sim Land Use Model and initiate its use for the 2040 MVRTP air quality conformity modeling work

2015

- Complete and adopt the final Metro Vision 2040 document
- Complete Implementation and Action plan including resource programs, regional partner strategies, local implementation tools, etc.
- Update plan consistency/referral checklist and process

Participants: DRCOG, local governments, CDOT, RTD, and other stakeholders and partner agencies

Activity 6.2 Preparation of the 2040 Metro Vision Regional Transportation Plan (2040 MVRTP) and Fiscally Constrained 2040 RTP (FC-2040 RTP)

Purpose: To coordinate tasks specific to the preparation of the 2040 MVRTP and FC-2040 RTP. (consultant assistance may be required)

Tasks:

Ongoing

- Monitor state and federal factors that will impact the 2040 MVRTP
- Work in conjunction with CDOT on linkage to the Statewide 2040 Transportation Plan

2014

- Incorporate all of the analytical assessment tools including, but not limited to: 2040 Plan performance measures (6.1), alternative scenario analysis outcomes (6.1), greenhouse gas computations (3.4), and others into the 2040 MVRTP and 2040 FC-RTP development process
- ~~Incorporate all of the analytical assessment tools including, but not limited to, asset monitoring and/or management (3.10), economic development impact methodologies (5.1), 2040 Plan performance measures (6.1), alternative scenario analysis outcomes (6.1), greenhouse gas computations (7.3), and accessibility measures (7.3) into the 2040 MVRTP and FC-2040 RTP development process~~
- Finalize revenue estimates for 2040 MVRTP funding categories and incorporate CDOT program distribution results
- Identify the “vision” transportation system and services
- Complete evaluation of proposed roadway capacity and rapid transit improvements for inclusion in the FC-2040 RTP
- Consider optional financial scenarios (e.g., ballot measure to increase funding)
- Conduct transportation and air quality modeling and incorporate results into the draft 2040 MVRTP
- Compile 2040 plan elements completed under other UPWP activities into the final 2040 MVRTP documents

2015

- Complete and adopt final 2040 MVRTP documents

Participants: DRCOG, local governments, CDOT, RTD, other partner agencies

Activity 6.3 Metro Vision 2040 Outreach and Public Participation

Purpose: To inform stakeholders about the objectives, activities, and progress of the 2040 plan development and to provide an opportunity for them to participate in planning and policy decisions by conveying their opinions to the DRCOG staff and the Board members (consultant assistance may be required).

Tasks:

Ongoing

- Use interactive internet-based technologies, web pages, and other communication strategies to support public participation process, as appropriate
- Seek public involvement in visioning and the refinement of policies and strategies for MV 2040
- Monitor and compile results and information obtained through public participation activities
- Facilitate Citizens Advisory Committee to ensure issues and potential impacts are considered throughout the Metro Vision update

2014

- Execute engagement mechanisms for key stakeholder groups
- Leverage Sustainable Community Initiative (SCI) stakeholder engagement activities (e.g. grassroots leader training, training on link between local and regional issues; large-scale, interactive workshops, etc.) in Metro Vision plan development
- Conduct further public participation activities to be defined

2015

- Conduct further public participation activities to be defined

Participants: DRCOG, local governments, CDOT, RTD, other partner agencies

Objective 7.0 Support Systems for Planning

Activity 7.1 Develop Regional Information Products and Technologies

Purpose: To be a regional resource for the research, development, and deployment of tools and technologies, and provide data and information that support regional planning, including Metro Vision planning and implementation activities (consultant assistance may be required).

Tasks:

Ongoing

- Develop and maintain socioeconomic, geospatial, and other datasets in support of transportation and land use planning activities for all models being used (Focus, UrbanSim, ~~and DynusT~~)
- Participate in and provide information and technical expertise to the environmental processes completed by outside agencies
- ~~Maintain toolkit of application components that allow for rapid deployment of Rich Internet Applications (RIAs), including frameworks for Web 2.0 content management and collaboration~~
- Continue to expand and integrate new data into ~~the~~ DRCOG's internal **and external data catalogs** ~~Regional Data Warehouse, and provide output through the online Regional Data Catalog~~
- Develop and update, as needed, informational products including the Regional Economic Report, Community Profiles, Legislative District Profiles, etc.
- Provide technical assistance to local governments, partner agencies, and the public
- Prepare and distribute public informational items such as presentations, maps, graphics, database tables and summaries, as necessary
- Coordinate the Regional Data Consortium and other related data events

2014

- Launch the 2014 Denver Regional Aerial Photography Project (DRAPP)

2015

- Complete the 2014 DRAPP
- **Launch a Data Information Visualization and Analysis (DIVA) project on the DRCOG website.**

Participants: DRCOG, local governments

Activity 7.2 Regional Modeling and Forecasting

Purpose: To maintain, operate, expand, and refine the regional modeling and forecasting tools (consultant assistance may be required).

Tasks:

Ongoing

- Maintain and refine Focus model, as necessary
- Calibrate and validate the UrbanSim land use model and use for regular planning products
- Evaluate other modeling/visualization/economic tools, as needed
- Support work groups associated with forecasting and modeling efforts
- Provide model components and outputs to planning partners or consultants conducting NEPA or other studies, as necessary
-
- Work with RTD to evaluate Focus travel demand model forecasts regarding Park-n-Ride® and TOD outcomes. Determine if refinements are justified based on available data and methodological tools

2014

- Incorporate specific enhancements to the Focus model to support development of the 2040 Plans
- Continue development of UrbanSim
- Summarize toll survey data (collected by others) for regional applicability
- Complete commercial vehicle survey as part of the Front Range Travel Counts project

2015

- Maintain UrbanSim land use model (including new calibration and validation)
- Enhance integration between Focus and UrbanSim models

Participants: DRCOG, RTD, APCD, RAQC, CDOT, consultant team(s)

Activity 7.3 Assemble and Prepare Transportation and Related Data

Purpose: To obtain, maintain, and distribute transportation and related data to be used in the regional transportation planning process. (consultant assistance may be required)

Tasks:

Ongoing

- 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
- Collect and process traffic counts from CDOT and all member governments/consultants, perform QC, and add to the traffic count database
- Update the DRCOG website traffic count map to show count data for the last three years

- Define and calculate accessibility measures to be incorporated into plans, performance tracking, or project selection processes
- Improve methods for calculations of greenhouse gas and air quality measures
- Collect transit ridership, Park-n-Ride[®] lot user data, and other transit-related data from RTD, as available
- Obtain traffic crash data from CDOT for the most recent year available
- Transfer state highway crashes into the DRCOG linear reference system and geocode crashes on non-state roadways
- Complete summary documentation associated with the Front Range Travel Counts project, offer training to prospective data users, and compile data outputs for specific requests
- Summarize Front Range Travel Counts data for use in model calibration
- Update TRIPS project database when applicable

2014

- Conduct the annual Transportation Improvement Survey
- Edit the transportation information database per plan amendment and update various travel model networks staging respectively

2015

- Conduct the annual Transportation Improvement Survey, if needed.
- Edit the transportation information database per plan amendment and update various travel model networks staging respectively

Participants: DRCOG, CDOT, RTD, local governments

V. OTHER MAJOR PLANNING ACTIVITIES

The following sections describe other major planning activities that will be ongoing during FY2014-2015.

A. Identified in a previous/current Transportation Improvement Program

SPONSOR	DESCRIPTION
<i>Corridor/Interchange/Operational Studies/EA/EIS</i>	
Aurora	Parker Rd/Quincy Ave Area Roadway Operational Study
CDOT Region 1	Environmental Impact Statement of the east I-70 corridor from I-25 to Tower Road I-25 North PEL SH-7 PEL I-225: Yosemite to I-25 PEL I-70/Kipling NEPA
CDOT Region 1 Arapahoe County Centennial Greenwood Village	Environmental Assessment of the I-25 / Arapahoe Road Interchange and Design
CDOT Region 4	Environmental Impact Statement of North I-25 (DUS to Ft. Collins) US-85 PEL Study
Denver	East Colfax Transit Alternatives Analysis Study
DRCOG	Modeling Study: Complete Network Feasibility
Wheat Ridge	Wadsworth Blvd. Widening: W. 35 th Ave to W. 46 th Ave PEL Study
<i>Rapid Transit Station Area or Urban Center Master Plans</i>	
Adams County	Federal Blvd Corridor Plan
Aurora	Fitzsimons Pkwy Station Area Plan
Denver	40th and Colorado Broadway/I-25 Federal Blvd Corridor Plan Golden Triangle Area Plan Northeast Downtown Next Steps Plan Speer/Colfax/Auraria Next Steps Plan Speer/Leetsdale
Denver South TMA	Southeast I-25 Urban Corridor Study
Englewood	Englewood Light Rail Corridor Next Steps Study

SPONSOR	DESCRIPTION
Littleton	Littleton Downtown Light Rail Station Area Study Mineral Light Rail Station Area Study
Northglenn	112th Ave Station Area Master Plan
RTD	Civic Center Station Transit District Master Plan
Thornton	88 th Ave Station TOD Master Planning Study 104 th Ave Station TOD Master Planning Study 144 th Ave Station TOD Master Planning Study

B. Colorado Department of Transportation, Division of Transportation Development – State Planning and Research Program (Summary)

SPONSOR	DESCRIPTION
CDOT	Benefit-Cost Analysis
	Colorado Construction Cost Index Forecast Model
	Front Range or Statewide Travel Demand Model Development
	Greenhouse Gas Model
	Intercity Bus Plan
	Interregional Connectivity Study
	Land Use and Transportation Pilot Study
	MAP-21 Mandated Risk-Based Asset Management Plan
	Multi-Asset Management Plan
	Project Cost Planner
	Project Pipeline Model
	Regional Commuter Bus Plan Statewide and Regional Transportation Plans

C. Non-Federally Funded & Local Governments Planning Activities

SPONSOR	DESCRIPTION
Arapahoe County	Iliff Avenue Corridor Study, Parker Road – Quebec – PEL Like Study Dry Creek/Havana ITS & Ops Study, Geddes – Yosemite I-70 Sub-area Transportation Study/Plan, Generally in area of I-70 and Watkins Road
Arapahoe County Centennial CDOT Douglas County Greenwood Village Jefferson County Lakewood Littleton Lone Tree RTD	C-470 Corridor Coalition Studies
Castle Rock	2030 Comprehensive Master Plan Update
Denver	Corridor Study of Colfax Avenue from Sheridan to Yosemite Corridor Study of Quebec Street from I-70 to Leetsdale Peoria/Smith Grade Separation NEPA Study South Platte River Corridor Study (EPA) Strategic Parking Plan
Denver Arapahoe County	Yale Avenue Corridor Study, Iliff – I-25
Douglas County Arapahoe County	County Line Road, Inverness Drive South – Yosemite
RTD	Bicycle Parking and Accessibility Plan Central Rail Extension Planning and Conceptual Mobility Study Development Review I-225 Corridor TOD Market Evaluation Northeast Area Transportation Evaluation II North Metro Corridor: Stock Show Station Planning Northwest Area Mobility Study Quality of Life Study RTD Boundary Mapping

	Strategic Parking Plan
	TOD Status Report
	US-36 / SH-119: Longmont and Louisville Station Planning
	West Corridor "Before" On-Board Study
Greenwood Village Arapahoe County	Belleview Corridor Study
Weld County	SH66 Access Plan

APPENDIX A
PROGRAM FINANCING TABLES

**Table 1
FY2014 and 2015 UPWP Funding Sources**

Funding Source	Recipient	Federal	DRCOG Cash Match	RTD In-Kind Match	Total
FY 14 Consolidated Planning Grant	DRCOG	5,394,391	560,680	560,680	6,515,751
FY 15 Consolidated Planning Grant	DRCOG	4,314,432	448,432	448,432	5,211,296
FY12/FY13 CPG Contract Carryover	DRCOG	3,952,022	410,764	410,764	4,773,550
Additional RTD Program/Studies	RTD	0	0	2,800,000	2,800,000
TOTAL		\$13,660,845	\$1,419,876	\$4,219,876	\$19,300,597

**Table 2
FY2014 and 2015 Expenditures by Agency**

Activity		1	2	3	4	5	6	7	
	Agency	Working Together	Involving the Public in Decision Making	Evolving the Metro Vision Plan	Making the Transportation System More Efficient	Implementing the Metro Vision Plan	Preparing the New 2040 Plans	Support Systems for Planning	Total
FY2014 + Carryover	DRCOG	1,382,593	103,179	1,413,546	897,654	1,000,832	1,650,857	3,869,196	10,317,857
	RTD	50,000	50,000	500,000	50,000	2,000,000	0	400,000	3,050,000
FY2015	DRCOG	638,224	47,629	652,512	414,369	461,998	762,058	1,786,074	4,762,864
	RTD	50,000	50,000	450,000	50,000	269,876	0	300,000	1,169,876
TOTAL		\$2,120,817	\$250,807	\$3,016,059	\$1,412,023	\$3,732,706	\$2,412,915	\$6,355,270	\$19,300,597

DRCOG out-of-state travel budget	\$70,000	35 trips at an average of \$2,000 each
Equipment Purchases	\$0	None identified at this time

**Table 3
FY2014 and 2015 Revenues by Funding Source**

Activity		1	2	3	4	5	6	7	
	Funding Source	Working Together	Involving the Public in Decision Making	Evolving the Metro Vision Plan	Making the Transportation System More Efficient	Implementing the Metro Vision Plan	Preparing the New 2040 Plans	Support Systems for Planning	Total
FY 2014 CPG (federal funds only)	DRCOG	1,252,419	93,464	1,280,459	813,138	906,602	1,495,426	3,504,905	9,346,413
	DRCOG	130,173	9,714	133,088	84,516	94,230	155,431	364,292	971,444
	RTD	50,000	50,000	500,000	50,000	2,000,000	0	400,000	3,050,000
FY 2015 CPG (federal funds only)	DRCOG	578,134	43,144	591,077	375,356	418,500	690,309	1,617,912	4,314,432
	DRCOG	60,090	4,484	61,435	39,014	43,498	71,749	168,162	448,432
	RTD	50,000	50,000	450,000	50,000	269,876	0	300,000	1,169,876
TOTAL		\$2,120,817	\$250,807	\$3,016,059	\$1,412,023	\$3,732,706	\$2,412,915	\$6,355,270	\$19,300,597

APPENDIX B

**TABLE OF DRCOG AND RTD PRODUCTS AND EXPECTED
COMPLETION DATES**

**Table 4
Key DRCOG and RTD Products and Expected Completion Dates**

Activity	Products	2-Year Program Period							
		FY2014				FY2015			
		2013	2014			2014	2015		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
1.2	2016-2017 UPWP								X
2.1	Short courses			X			X		
	Virtual Town Hall			X					
3.1	Plan assessment and amendment process		X		X		X		X
3.4	Highway and transit networks	X		X		X		X	
	Air quality conformity determination reports		X		X		X		X
3.5	Analysis of completed bicycle / pedestrian projects		X						
3.6	FY2016/2017 5310 selection							X	
3.10	Inventory asset management methods	X							
4.1	Congestion report			X				X	
4.2	Regional ITS Pool Selection	X							
4.3	Regional TDM Pool Selection							X	
5.1	2016-2021 TIP Policy document			X					
	2016-2012 TIP						X		
	CMAQ performance plan						X		
	List of obligated projects		X				X		
	Projects delayed report		X				X		
5.2	Strategic Business Plan				X				X
5.3	TOD Status Report			X				X	
5.4	Regional TOD Study/Report								
5.6	FasTracks assessment					X		X	
5.7	RTD FasTracks report		X				X		
6.1	Complete 2040 Metro Vision Plan					X			
	Small area (TAZ) socioeconomic allocations		X						
	Scenario modeling and summary documents	X							
6.2	2040 revenue estimates & program distribution	X							
	Define vision transportation system	X							

**Table 4
Key DRCOG and RTD Products and Expected Completion Dates**

Activity	Products	2-Year Program Period							
		FY2014				FY2015			
		2013	2014			2014	2015		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
	Define 2040 Fiscally Constrained network (s)		X						
	Complete 2040 Air Quality Conformity				X				
	Adopt 2040 MVRTP					X		X	
7.1	Denver Regional Aerial Photography Project (DRAPP)						X		
7.2	Commercial Vehicle Survey								X
7.3	Transportation Improvement Survey			X				X	