

FY 2012 and 2013 UNIFIED PLANNING WORK PROGRAM FOR THE DENVER REGION

Adopted July 20, 2011
Amended May 16, 2012



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

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ABSTRACT

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DRCOG
1290 Broadway
Denver, CO 80203
(303) 455-1000

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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, 2011 through September 30, 2013 (federal fiscal years 2012 and 2013).

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I. INTRODUCTION

Purpose

The transport of people and goods from one place to another is integral to our economy and social structure, and has significant impacts on the energy and environmental sustainability of the region. With limited resources, it is imperative that the federal, state, local, and private sector resources be expended effectively and efficiently to maximize the benefits. The Unified Planning Work Program (UPWP) is a coordination tool that aids in defining where and how transportation resources should be spent for the Denver metropolitan region.

The UPWP describes how federal urban transportation planning funds will be spent in furthering the regional transportation planning process. It defines the planning activities to be accomplished by the process in addressing the issues pertinent to furthering the vision for the region. The UPWP also presents other transportation and development-related planning activities that may affect the development and operation of the region's transportation system. As such, the UPWP serves to describe all urban transportation planning and related activities in this region irrespective of who is performing the activity or what funds are used. Listing all the transportation and related planning activities in one place provides a complete picture of the region's efforts to address transportation challenges and improve the area's quality of life.

The UPWP serves as 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 activities describe what will be done and who will be participating. The UPWP covers a two-year period – federal fiscal years 2012 and 2013 stretching from October 1, 2011 through September 30, 2013.

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) and is the recipient of the federal urban transportation planning funds. As the designated MPO, DRCOG is responsible for the operation and maintenance of the Urban Transportation Planning Process, and for coordinating the activities of the other participating agencies that carry out activities as part of this UPWP. 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 same 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 process works and how it leads to decisions.

The region’s guide for the coordination of development, environmental quality, and transportation services and facilities is called [Metro Vision](#). The goals and policies outlined by Metro Vision provide a sustainable multimodal and intermodal focus for the region’s transportation system. These goals recognize that regional strategies must be used in solving regional transportation and air quality problems; and that the region's development growth, transportation, and air quality challenges must be jointly addressed. The primary transportation goals of Metro Vision reflect the need to provide mobility and accessibility to support the sustainable physical, social, and economic development of the region. Metro Vision also speaks to the extent of urban development, the development of a regional open space system, the development of freestanding communities, the development of urban centers, and the need to protect and enhance the region’s environmental quality.

II. REGIONAL TRANSPORTATION PLANNING

The currently adopted DRCOG Metro Vision 2035 Plan and the related 2035 Metro Vision Regional Transportation Plan define the future growth, development, and transportation investment framework for the region. CDOT, RTD, and local governments continue to work on the implementation of 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. The fully-developed rapid transit and coordinated bus system will have significant impacts on the way people travel, where and how development occurs, and the environmental quality of life in the Denver region.

Several key topics are considered in this UPWP, including performance monitoring/accountability and economic benefits of transportation improvements. Two of these however, transportation revenues and regional sustainability, have emerged as major concerns :

- Revenues have decreased significantly from federal, state, regional (i.e., FasTracks), and local sources while, at the same time, capital costs for projects have increased.
- Sustainability is of significant concern at the national, state, regional, and local levels. This concern includes all related environmental elements such as fossil fuel energy use, unhealthful air pollutants, and greenhouse gas emissions. Greenhouse gases are an important part of the state's FASTER bill and EPA guidance. Discussions have occurred at the federal level about inclusion of these in the new federal transportation authorization bill or the promulgation of stand-alone legislation.

An additional and likely event that will affect the UPWP is the passage of a new federal transportation bill. The UPWP will be amended as necessary to respond to guidance and rules contained in a new bill.

(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 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 all future regional transportation planning efforts should strongly consider and articulate regional sustainability.

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 performed in July, 2008. As an outcome of that quadrennial review, three specific actions were required to be addressed by DRCOG and have been completed. The next review will be completed in FY2012.

Federal Planning Emphasis

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) require the metropolitan transportation planning process to be responsive to SAFETEA-LU. This UPWP has been developed to do so. It will be amended as necessary to respond to new or revised emphasis areas that may be identified in a new transportation bill.

Relationship to Air Quality Planning

Concern for air quality has been integrated into the regional transportation planning process at all levels. 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. It should be noted that the region has been classified in "attainment maintenance" for all federal air quality standards, except for the eight-hour ozone standard.

Metro Vision 2035 includes several planning policies and efforts that will assist in improving air quality in the Denver region. Air quality policies are also incorporated in the adopted [2035 Metro Vision Regional Transportation Plan \(MVRTP\)](#). The adopted 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 non-motorized mode facilities and services. The plan explicitly calls for the implementation of numerous transportation air quality related actions.

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 April 2004, EPA designated the Denver/ North Front Range region, which includes the North Front Range MPO area, the more densely populated portions of the Upper Front Range Transportation Planning Region (TPR) in Larimer and Weld counties and all of the DRCOG region except for Gilpin and Clear Creek Counties, as nonattainment for the 1997 "0.08 ppm" 8-hour ozone standard.

The Denver/North Front Range region violated the 8-hour ozone standard during the 2007 summer ozone season for the three-year 2005-2007 average and on November 20, 2007, was formally designated in nonattainment under the 1997 8-hour ozone standard. Because of this nonattainment designation, the Denver/North Front Range region, under the auspices of the regional air quality planning agency, the Regional Air Quality Council (RAQC), along with the North Front Range MPO, (which also serves as the regional air quality planning agency), prepared a new 8-hour ozone attainment SIP in December 2008. The governor approved this SIP in 2009. The EPA published its final rule on August 5, 2011 for the approval of the Metro-Denver/NFR area's ozone plan, attainment demonstration, and associated rule revisions. The legal nonattainment designation will not be changed to "attainment maintenance" until the EPA further approves the State's redesignation request with a maintenance plan. With regard to the 2008 "0.075 ppm" 8-hour ozone standard, the EPA announced final area and classification designations on April 30, 2012. The eight-county Denver-Boulder-Greeley-Ft. Collins-Loveland area was issued marginal nonattainment status under the designation. The marginal nonattainment designation does not impose any new planning requirements on the State of Colorado at this time; however, the non-attainment area must meet the standard before 2015 or new requirements may be imposed.

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). Committee participation assignments of air quality agencies are identified in the Prospectus and in a specific MOA between DRCOG and the RAQC. 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 providing the APCD with socioeconomic and transportation data to be used for air quality modeling associated with the development and adoption of the RTP and the periodic RTP amendments and the SIP. In turn, the APCD is responsible for providing air quality modeling of transportation plans and transportation improvement programs. DRCOG continues to meet with the AQCC as appropriate for effective coordination of the planning process. 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 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 2011) of the Metro Vision Plan, the Regional Transportation Plan, and associated planning documents.

<u>Documents</u>	<u>Action/Date</u>
Metro Vision 2035	Amended February 2011
Open Space Plan	Adopted July 1999
2035 Metro Vision Regional Transportation Plan (includes Fiscally Constrained Element)	Amended February 2011
2012-2017 Transportation Improvement Program	Adopted March 2011
Pedestrian and Bicycle Element of the 2035 Metro Vision Regional Transportation Plan	Adopted May 2009
Transit Element of the 2035 Metro Vision Regional Transportation Plan	Adopted April 2010
Regional TDM Strategic Plan	Adopted November 2005

[Denver Regional Intelligent Transportation Systems Strategic Plan](#)

Amended October 2010

[Public Involvement in Regional Transportation Planning](#)

Adopted April 2010

FY2010-FY2011 Activities

Major activities completed in the FY2010-FY2011 UPWP are:

- Update of the [Metro Vision 2035](#) in 2011;
- Update of the [2035 Metro Vision Regional Transportation Plan](#) in 2011;
- Adoption of the [2012-2013 Unified Planning Work Program](#);
- Adoption of the [2012-2017 Transportation Improvement Program](#);
- Adoption of the [Transit Element of the 2035 Metro Vision Regional Transportation Plan](#);
- Update of the *Denver Regional Intelligent Transportation Systems Strategic Plan*

III. THE PLANNING PROGRAM FOR FISCAL YEARS 2012 AND 2013

Program Organization

The transportation planning program described here lists proposed transportation and transportation-related planning activities in the Denver region from October 1, 2011 through September 30, 2013. (*Hyperlinks to referenced documents are underscored.*)

UPWP activities are organized into two major groups:

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

The federal urban transportation planning funded activities are organized to reflect a number of key activities necessary to further the implementation of Metro Vision:

- **Working together** – the UPWP recognizes that the mutual support of the Metropolitan Planning Organization (MPO) participating agencies is necessary to address both the 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. The work program continues to support 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 current challenges and refined objectives. Many important aspects of Metro Vision impact the quality of life in the Denver region. Such aspects to be further refined through this UPWP include efforts to enhance personal mobility via all modes of travel, improve the livability of our communities, and plan for a sustainable region. Continued demonstration of conformity with state implementation plans for air quality support the plan and program goals of Metro Vision
- **Making the transportation system work better** – while limited additional capacity improvements are planned, the DRCOG region must operate the infrastructure it already has as safely, effectively, and efficiently as it can; in other words, make what exists work better
- **Implementing the Metro Vision plan** – this activity recognizes that the limited funding available in the region must be appropriately directed to achieve the transportation and development goals of the region
- **Preparing the new 2040 Plans** – A new Metro Vision 2040 Plan and companion 2040 Metro Vision Regional Transportation Plan (MVRTP) will be completed in 2014. Several preliminary outreach and technical tasks will be conducted during the time period of this UPWP
- **Support Systems for Planning** – the ability to provide the planning activities necessary to support the improvement of transportation facilities

and services and the achievement of Metro Vision goals requires the acquisition and maintenance of basic and advanced planning tools

The other major planning activities are organized into three groups and presented in Chapter V:

- **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 area-wide plans and prepare project environmental assessments. 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 activities identified above is indicated by the agencies completing the activities (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 track and monitor development of the new 8-hour ozone standard attainment SIP, especially the motor vehicle emissions budgets that will ultimately be used in transportation conformity (Activity [3.4](#))
- Continue to focus on methods to manage congestion by reducing demand and improving operations (Activity [4.1](#) and [4.2](#))
- Begin investigation of methodologies for incorporating economic development impacts into project evaluation and selection (Activity [5.1](#))
- Continue to promote the implementation of Metro Vision policies by informing and facilitating collaboration among local governments and other regional partners (Activity [5.4](#))
- Begin efforts to prepare the Metro Vision 2040 Plan and 2040 MVRTP (scheduled for adoption in late 2014) (Activity [6](#))

- Define 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 programmatic requirements of the next federal transportation authorization bill, when enacted

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.

Activity 1.0 Working Together

1.1 Interregional Planning Coordination

Objective: 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).

Products/Actions:

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
- 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, and the State Transportation Advisory Committee (STAC)
- Continue participation and involvement with the I-70 Coalition
- Maintain communication and exchange information with the consultants and participants on various corridor and modal 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

1.2 Maintaining the Urban Transportation Planning Process

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

Products/Actions:

Ongoing

- Participate in the DRCOG-held Regional Transportation Committee, Transportation Advisory Committee, and other appropriate Committees and Working Groups
- Monitor and participate in technical or advocacy groups and/or meetings with planning partners
- Manage and administer the transportation planning process, including the FY2012-2013 Unified Planning Work Program
- Monitor and analyze the impacts of state and federal legislation on the regional transportation planning process

2012

- Prepare and review FY2011 end-of-year report
- Prepare and review FY2012 mid-year report
- Complete the Quadrennial MPO Certification review process

2013

- Prepare and review FY2012 end-of-year report
- Prepare and review FY2013 mid-year report
- Review the Prospectus [Transportation Planning in the Denver Region](#) (update if necessary)
- Complete the FY2014-FY2015 UPWP
- Complete new Title VI and Title VII Plans for DRCOG
- Update (or replace) the Memorandum of Understanding between DRCOG and CDOT addressing state transportation funding

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

Activity 2.0 Involving the Public in Decision-making

2.1 Conduct the DRCOG Public Participation Process

Objective: 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.

Products/Actions:

(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

2012

- 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)

2013

- 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)
- Complete Limited English Proficiency Implementation Plan

Participants: DRCOG, CDOT, RTD, and local governments

2.2 RTD and CDOT Local Government Planning Process

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

Products/Actions:

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

Activity 3.0 Evolving the Metro Vision

3.1 Administer the Metro Vision Assessment Process

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

Products/Actions:

Ongoing

- Assist member governments in their maintenance and development of Metro Vision policy elements

2012

- Complete the second cycle 2011 assessment and the first cycle 2012 plan assessment process, including any proposed plan amendments

2013

- Complete the second cycle 2012 assessment and the first cycle 2013 plan assessment process, including any proposed amendments

Participants: DRCOG, CDOT, RTD, and local governments

3.2 Refine Metro Vision's Growth and Development Elements

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

Products/Actions:

Ongoing

- Convene stakeholders working group to discuss potential policy updates, as needed
- Continue research and development work supporting the monitoring and evaluation of the goals and policies of Metro Vision
- Administer emergency requests for new UGB/A, as needed

2012

- Refine and amend the Metro Vision Growth and Development Supplement, as needed

2013

- Administer the UGB/A allocation (expansion) process as part of Metro Vision

Participants: DRCOG

3.3 Metro Vision Regional Transportation Plan

Objective: To maintain the 2035 Metro Vision [Regional Transportation Plan](#).

Products/Actions:

Ongoing

- Participate and provide technical support in regional NEPA/environmental and planning linkage efforts and/or similar regional planning efforts, as necessary; implement or incorporate into planning documents as appropriate
- Conduct analyses and participate 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 new state or federal transportation legislation
- Monitor state or regional efforts to increase funding for transportation and assist as necessary

2012 and 2013

- See Task [3.2](#) for plan amendment products/actions
- See Activity [6.0](#) for tasks related to preparation of the 2040 MVRTP

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

3.4 Air Quality Conformity

Objective: 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).

Products/Actions:

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

State Air Quality Implementation Plans (SIP):

2012

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

- Following the EPA's approval of the Revised Regulation 10 begin the process to update the 1998 MOA for transportation conformity evaluations between CDPHE and DRCOG
- Continue with activities associated with the Regional Haze SIP

2013

- Collect annual Regulation 16 Street Sanding and Sweeping reports and prepare a summary (RAQC)
- Complete the update of the MOA for transportation conformity evaluations between CDPHE and DRCOG

Transportation Air Quality Conformity:

2012

- Prepare highway and transit networks (DRCOG), perform air quality conformity model runs (DRCOG and APCD), and review highway networks (CDOT) and transit networks (RTD) for the semi-annual plan assessment
- Prepare air quality conformity findings (DRCOG) and assess findings (AQCC) for the semi-annual plan amendments
- Begin to incorporate EPA's new Motor Vehicle Emission Simulator (MOVES) model into the DRCOG modeling and conformity process (APCD, DRCOG, RAQC, CDOT)

2013

- Prepare highway and transit networks (DRCOG), perform air quality conformity model runs (DRCOG and APCD), and review highway networks (CDOT) and transit networks (RTD) for the semi-annual plan assessment
- Prepare air quality conformity findings (DRCOG) and assess findings (AQCC) for the semi-annual plan amendments
- Fully incorporate EPA's MOVES emission model into the conformity process (APCD, DRCOG, RAQC, CDOT)

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

3.5 Pedestrian and Bicycle Element Planning

Objective: To monitor efforts, provide assistance, and prepare products that support the Pedestrian and Bicycle Element of the 2035 MVRTP.

Products/Actions:

Ongoing

- Respond to questions and requests for assistance regarding local pedestrian and bicycle planning topics
- Monitor 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

2012

- Begin inventory of information and measures on pedestrian and bicycling access to transit stations and facilities in conjunction with TOD walk-shed maps
- Complete report on pedestrian/bicycling crash and safety data

2013

- Complete inventory of information and measures on pedestrian and bicycling access to transit stations and facilities in conjunction with TOD walk-shed maps
- Update the Regional Bicycle Corridor System Vision map of the Pedestrian and Bicycle Element of the 2035 MVRTP and "missing links" noted on the Bicycle Facility Inventory exhibits

Participants: DRCOG, RTD, CDOT, local governments

3.6 Regional Transit Planning

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

Products/Actions:

Ongoing

- Participate with the Denver Regional Mobility and Access Council (DRMAC) and other groups on efforts to improve coordination of specialized transit services
- Monitor and/or assist with statewide transit planning activities, including efforts to allocate transit funds as needed (e.g. FTA grants, FASTER Transit)
- Coordinate with DRMAC and the Area Agency on Aging (AAA), in planning, development, and implementation of regional call center/contract center for specialized transit services
- See Task [5.6](#) for Annual FasTracks Assessment

2013

- Complete selection process for FY2014/2015 JARC and New Freedom funds in the Denver-Aurora urbanized area

Participants: DRCOG, RTD, CDOT, DRMAC and others

3.7 Oversight of RTD System Planning Process

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

Products/Actions:

Ongoing

- Continuing oversight of system planning process

Participants: RTD

3.8 Addressing Transportation Safety Issues

Objective: To further incorporate safety data and analyses into regional plans and planning activities.

Products/Actions:

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
- Update road segment and intersection crash rate database, preparing analyses of results as needed

2012

- Complete report: Pedestrian and Bicycle Safety in the Denver Region
- Complete update of “Overview of Traffic Safety in the Denver Region”, incorporating information from the Felsburg Holt & Ullevig safety analysis report and compile suggested improvement actions

2013

- Review and refine methods for incorporating safety information into the project evaluation and selection process for the TIP and MVRTP

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

3.9 Participate in Transportation Security Planning

Objective: 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.

Products/Actions:

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, 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

3.10 System Preservation

Objective: To develop methodologies or systems to monitor and/or manage conditions of transportation assets at the regional level (consultant assistance may be required).

Products/Actions:

Ongoing

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

2012

- Complete inventory review of current processes for asset monitoring and/or management (e.g. pavement condition, transit vehicles, etc.) conducted by agencies and local governments in the DRCOG region
- Complete evaluation of optional methodologies and levels of effort for developing a region wide pavement monitoring and/or management system

2013

- Complete tradeoffs analysis of long range (through 2040) level of funding related to roadway and bridge conditions

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

Activity 4.0 Making the Transportation System Work Better

4.1 DRCOG Congestion Management Process

Objective: 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).

Products/Actions:

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 statewide level congestion measures, methodologies, and analytical tools and pursue partnerships with CDOT on operational evaluations of key bottleneck locations
- Monitor results of capacity improvements at key congested locations
- Monitor and examine research on benefits of tolling and pricing mechanisms

2012

- Conduct initial examination of modeling traffic operations at freeway bottleneck locations utilizing Dynus-T
- Prepare 2011 Annual Report of Traffic Congestion in the Denver Region

2013

- Complete follow-up Dynus-T analyses depending on outcome of examination in 2012
- Use congestion mitigation program data in the evaluation process for ITS Pool and TDM Pool project funding allocation
- Conduct preliminary work in support of the 2040 MVRTP; compile and provide data for scenario analyses, project evaluation, etc.
- Prepare 2012 Annual Report of Traffic Congestion in the Denver Region

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

4.2 Regional Transportation Operations

Objectives: 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 Transportation Operations Strategy, and continue to facilitate cooperative work on ITS deployment and day-to-day transportation operations.

Products/Actions:

Ongoing

- Conduct periodic stakeholder meetings to maintain dialogue necessary to implement the Regional Transportation Operations Strategy 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 action plan
- Incorporate ITS and operations strategies into the Congestion Management Process analyses, measures, and public information products
- Maintain and update ITS and other applicable DRCOG web site pages

2012

- Develop a Regional Concept of Transportation Operations (RCTO)
- Assist CDOT and FHWA with the definition of Routes of Significance to comply with 23 CFR Part 511

2013

- Explore additional ITS and management & operational elements to incorporate into 2040 MVRTP
- Conduct a major review and update of the Regional ITS Architecture (documented in Turbo Architecture)
- Conduct the project selection processes for the Regional ITS Pool for FY2014 and FY2015
- Revise the Regional ITS Deployment Program to direct deployment through the Regional ITS Program Pool

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

4.3 Regional TDM Planning

Objectives: To maintain a Regional Travel Demand Management (TDM) Strategic Plan and facilitate and monitor the provision of travel demand management services and projects consistent with the 2035 MVRTP.

Products/Actions:

Ongoing

- Assist with completion and monitoring of projects funded through the TIP Regional TDM Pool, including activities of the Regional TDM Program
- Monitor TDM activities and techniques and incorporate into the TDM Strategic Plan, as necessary

2012

- Complete the update to the Regional TDM Strategic Plan, making it consistent with the 2035 MVRTP, the TDM Benefits Study, and the new Regional TDM Program

2013

- Conduct the project selection process for the Regional TDM Pool for FY14 and FY15
- Prepare summary report on progress, status, and outcomes of TDM Program and Pool.

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

Activity 5.0 Implementing the Metro Vision Plan

5.1 Transportation Improvement Program

Objective: To maintain the conforming transportation improvement program by identifying projects to be funded with federal resources and other regionally significant projects.

Products/Actions:

Ongoing

- Conduct appropriate project programming activities when additional revenues are made available or resources are decreased
- Prepare quarterly policy amendments and monthly administrative modifications to the [2012-2017 Transportation Improvement Program](#) and maintain the up-to-date web-version of the Transportation Improvement Program Tables (DRCOG), as necessary
- Provide assistance to implementing agencies, as needed (CDOT, RTD, DRCOG)
- Provide financial and project coordination, as necessary (CDOT, RTD, DRCOG)

2012

- Prepare annual projects delayed report for FY2011
- Prepare annual list of obligated projects for FY2011
- Prepare annual CMAQ benefits evaluations for FY2011
- Begin investigation of methodologies for incorporating economic development impacts into project evaluation and selection

2013

- Begin advanced preparation relative to the 2016-2021 Transportation Improvement Program
- Prepare annual projects delayed report for FY2012
- Prepare annual list of obligated projects for FY2012
- Prepare annual CMAQ benefits evaluations for FY2012
- Conduct the project selection processes for station area master plans/urban centers
- Complete analysis of methodologies for incorporating economic development impacts into project evaluation and selection

Participants: DRCOG, CDOT, RTD, local governments

5.2 RTD Strategic Business Plan

Objective: To prepare the RTD Strategic Business Plan (SBP) for both the 2012-2017 and the 2013-2018 time frames.

Products/Actions:

2012

- Prepare the 2012-2017 Strategic Business Plan for input into the Transportation Improvement Plan

2013

- Prepare the 2013-2018 Strategic Business Plan for input into the Transportation Improvement Plan

Participants: RTD

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

Objective: 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](#)].

Products/Actions:

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

5.4 Metro Vision Implementation Program

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

Products/Actions:

Ongoing

- Provide resources, decision-support tools, outreach, education, and information sharing opportunities to local jurisdictions to help them better integrate Metro Vision goals and policies into local planning activities

- Sponsor events and workshops organized by other organizations that support Metro Vision goals
- Review and comment on 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
- Investigate parking research, policies, and potentials for TOD sites with jurisdictions and applicable agencies

2012

- Establish and manage a Metro Vision Implementation Task Force (Pilot Phase)
- Establish, prioritize, and conduct specific activities associated with the implementation of Metro Vision
- Work with others to develop “catalyst” or “demonstration” projects that improve access to destinations and healthy lifestyles

2013

- Manage the Metro Vision Implementation Task Force beyond the Pilot Phase (as supported by the DRCOG Board).
- Conduct specific activities associated with the implementation of Metro Vision.

Participants: DRCOG, local governments, CDOT, RTD

5.5 Performance Measure Reporting

Objective: To update, compile, and report on regional performance measures derived from Metro Vision documents and other major DRCOG plans.

Products/Actions:

Ongoing

- Compile data associated with various regional performance measures
- Monitor legislation related to performance measures
- Revise performance measures in response to local government and planning partner input, as appropriate
- Compile data regarding public participation activities
- Develop and distribute information products that support the monitoring and evaluation of Metro Vision goals and policies

2012

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

2013

- Establish short-term (2-5 year) Metro Vision implementation measures
- Specific products will depend on actions in 2012

Participants: DRCOG

5.6 Annual FasTracks Assessment

Objective: To annually assess the status of FasTracks with respect to the April 2004 DRCOG Senate Bill 208 (SB-208) review. Determine consistency of activities with the FasTracks Plan and whether further SB-208 review and approval will be required (and conduct such if required).

Products/Actions:

2012

- Complete the 2011 annual FasTracks assessment. 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)

2013

- Complete the 2012 annual FasTracks 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

5.7 FasTracks Program Management and Planning Assistance

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

Products/Actions:

Ongoing

- Annual Program Evaluation of the FasTracks program, including revised capital costs, schedule, and preparation of program management plans for FasTracks corridors
- Preparation of the annual FasTracks assessment document for DRCOG
- Other assorted engineering, planning, and environmental activities for FasTracks

Participants: RTD

Activity 6.0 Preparing the New 2040 Plans

Significant amendments will likely be made throughout Activity 6.0 following the completion of the framework and work plan products (Activity 6.1)

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

Objectives: To complete a work plan and conduct analyses and activities associated with the preparation of the MV 2040 (consultant assistance may be required).

Products/Actions:

Ongoing

- Maintain and monitor all tasks and activities related to the completion of the 2040 Plans
- Facilitate steering committee and other related meetings
- Convene workgroups to address specific policy issues, as needed

2012

- Complete framework and work plan document
- Complete work on the Listening Tour (in conjunction with a consultant)
-
- Initiate the preparation of regional control totals, socioeconomic forecasts, and land use data for the 2040 MVRTP
- Identify specific analytic and output enhancements to be made to the FOCUS travel demand model to support the development of the 2040 Plans
- Begin development of regional growth and transportation scenarios in collaboration with the public and stakeholders

2013

- Define performance measures (i.e., sustainability, environmental, quality of life, growth & development, and transportation) that will be specifically incorporated into the 2040 Plan development
- Finalize regional control totals and socioeconomic forecasts for the 2040 MVRTP
- Complete initial small area socioeconomic forecast allocations at the transportation analysis zone (TAZ) level
- Conduct regional scenario model runs
- Conduct specialized model runs and analyses to support 2040 plan development
- Summarize results of regional growth and transportation scenarios and report to the public and stakeholders
- Initiate work on the draft Metro Vision 2040 document, based on feedback through the process

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

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

Objective: To coordinate tasks specific to the development of the 2040 MVRTP and FC-2040 RTP.

Products/Actions:

Ongoing

- Monitor outside (state and federal) factors that will impact the 2040 MVRTP
- Work in conjunction with CDOT on preparation of the Statewide 2040 Transportation Plan

2013

- 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
- Update revenue estimates for 2040 MVRTP funding categories and incorporate CDOT resource allocation results
- Identify the “vision” transportation system and services
- Initiate process to solicit and evaluate proposed roadway capacity and rapid transit improvements for the FC-2040 RTP

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

6.3 Metro Vision 2040 Outreach and Public Participation

Objective: 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).

Products/Actions:

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

2012

- Identify key stakeholder groups, their role in the planning process, and mechanisms for engagement

Engage the public in the development of regional growth and transportation scenarios

2013

- Engage the public in the review and consideration of regional growth and transportation scenarios
- Conduct further public participation activities to be defined

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

Activity 7.0 Support Systems for Planning

7.1 Develop Regional Information Products and Technologies

Objective: 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).

Products/Actions:

Ongoing

- Develop and maintain socioeconomic, geospatial, and other datasets in support of transportation and land use planning activities for all models being used (FOCUS, land use, 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 develop and integrate new data into the DRCOG internal Regional Data Warehouse, and provide output through the online Regional Data Catalog
- Develop and regularly update 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 hold the Annual Denver Regional Data Summit

2012

- Launch the 2012 Denver Regional Aerial Photography Project (DRAPP)

2013

- Complete the 2012 DRAPP

Participants: DRCOG, local governments

7.2 Regional Modeling and Forecasting

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

Products/Actions:

Ongoing

- Maintain and refine FOCUS model, as necessary
- Upgrade existing land use model, as necessary
- Evaluate other modeling/visualization 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
- Maintain regional DynusT model following its initial completion
- Conduct project(s) using DynusT, as necessary (see [4.1](#) for example project)

2012

- Incorporate specific enhancements to the FOCUS model to support development of the 2040 Plans
- Continue next-generation land use model
- Summarize toll survey data (collected by others) for regional applicability

2013

- Complete next-generation land use model
- Complete commercial vehicle survey as part of the Front Range Travel Counts project

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

7.3 Assemble and Prepare Transportation and Related Data

Objective: To obtain, maintain, and distribute transportation and related data to be used in the regional transportation planning process.

Products/Actions:

Ongoing

- Collect local government receipts and expenditure data and state and local roadway inventory data from CDOT, incorporating it into DRCOG databases, as available
- 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 and park-n-Ride[®] lot user 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

2012

- Conduct the annual Transportation Improvement Survey

- Edit the transportation information database and update various travel model networks
- Complete Linear Reference System (LRS) GIS/mapping data needs assessment and other software and programming upgrades, as part of “TRIPS”, the new database for transportation projects, as needed

2013

- Conduct the annual Transportation Improvement Survey.
- Edit the transportation information database and update various travel model networks

Participants: DRCOG, CDOT, RTD, local governments

V. OTHER MAJOR PLANNING ACTIVITIES

The following sections describe other major planning activities that will be ongoing during FY2012-2013.

A. Identified in a previous/current Transportation Improvement Program

SPONSOR	DESCRIPTION
<i>Corridor/Interchange Studies/EA/EIS</i>	
CDOT Region 4	Environmental Impact Statement of North I-25 (DUS to Ft. Collins)
CDOT Region 6 Arapahoe County Centennial Greenwood Village	Environmental Assessment of the I-25 / Arapahoe Road Interchange and Design
CDOT Region 6	Environmental Impact Statement of the east I-70 corridor from I-25 to Tower Road
	I-70/Kipling PEL Study
	I-25 North PEL
Denver	SH-7 PEL
	East Colfax Transit Alternatives Analysis Study
Denver	West Corridor TOD Planning
	DRCOG
<i>Rapid Transit Station Area or Urban Center Master Plans</i>	
Thornton	City Center Urban Center Study
	88 th Ave Station TOD Master Planning Study
	104 th Ave Station TOD Master Planning Study
	144 th Ave Station TOD Master Planning Study
Lakewood	City Center Connectivity and Urban Design Study
Boulder County	US-36 Final Mile Study: Boulder to Westminster
Commerce City	72 nd Ave South Station Area Master Plan
Douglas County	C-470/Lucent Station Area Master Plan
Englewood	Englewood, Oxford, and Bates Station Area Master Plan
Louisville	Downtown Louisville NW Rail Station – Next Steps Study
Denver	Speer/Colfax/Auraria Next Steps Plan
	Northeast Downtown Next Steps Plan
	Golden Triangle Area Plan

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

SPONSOR	DESCRIPTION
	Update to Long Range Plan
	Resource Allocation
	Safe Routes to School Program
	GHG Model Enhancement
	PEL Pilot Project
	Performance Data Integration Project
	Transportation Investment Analysis Toolkit Project
	Knowledge Management Initiative
	Multi-Asset Management Plan
CDOT	Project Pipeline “On-the-Shelf” Model
	Sustainability/Livability and GHG Initiatives
	Colorado Inter-Regional Connectivity Study
	AGS Study
	Re-examination of FASTER Transit Selection Process
	Land Use and Transportation Study – 2 nd Phase
	State Freight and Passenger Rail Plan
	Colorado Energy Smart Transportation Project
	Statewide Customer Survey

C. Non-Federally Funded & Local Governments Planning Activities

SPONSOR	DESCRIPTION
Arapahoe County Centennial CDOT Douglas County Jefferson County Littleton Lone Tree	C-470 Corridor Coalition Studies
Denver	Corridor Study of Colfax Avenue from Sheridan to Yosemite
	Corridor Study of Quebec Street from I-70 to Leetsdale
	South Platte River Corridor Study (EPA)
	Peoria/Smith Grade Separation NEPA Study
	Strategic Parking Plan
RTD	North Metro Corridor: Stock Show Station Planning
	US-36 / SH-119: Longmont and Louisville Station Planning
	RTD Boundary Mapping
	Development Review
	Streetcar Feasibility Study
	Quality of Life Study
	TOD Status Report
Greenwood Village	Bellevue Corridor Study
Weld County	SH66 Access Plan

APPENDIX A

PROGRAM FINANCING TABLES

**Table 1
FY2012 and 2013 UPWP Funding Sources**

Funding Source	Recipient	Federal	DRCOG Cash Match	RTD In-Kind Match	Total
FY 12 Consolidated Planning Grant	DRCOG	5,285,099	549,320	549,320	6,383,739
FY 13 Consolidated Planning Grant	DRCOG	4,131,327	429,400	429,400	4,990,127
FY10/FY11 CPG Contract Carryover	DRCOG	2,117,852	220,125	220,125	2,558,101
Additional RTD Program/Studies	RTD	0	0	661,156	661,156
TOTAL		\$11,534,278	\$1,198,845	\$1,860,000	\$14,593,123

**Table 2
FY2012 and 2013 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
FY2012 + Carryover	DRCOG	947,998	114,414	1,830,617	482,171	1,152,308	1,528,238	2,116,650	8,172,396
	RTD	0	18,000	132,000	0	480,000	0	350,000	980,000
FY2013	DRCOG	529,044	63,850	1,021,603	269,083	643,063	852,856	1,181,228	4,560,727
	RTD	0	18,000	132,000	0	480,000	0	250,000	880,000
TOTAL		\$1,477,042	\$214,264	\$3,116,219	\$751,254	\$2,755,370	\$2,381,094	\$3,897,879	\$14,593,123

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

**Table 3
FY2012 and 2013 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 2012 CPG (federal funds only)		858,742	103,641	1,658,261	436,774	1,043,816	1,384,352	1,917,364	7,402,951
DRCOG		89,256	10,772	172,356	45,397	108,492	143,886	199,286	769,445
RTD		0	18,000	132,000	0	480,000	0	350,000	980,000
FY 2013 CPG (federal funds only)		479,234	57,839	925,417	243,748	582,517	772,558	1,070,014	4,131,327
DRCOG		49,810	6,012	96,186	25,335	60,545	80,298	111,215	429,400
RTD		0	18,000	132,000	0	480,000	0	250,000	880,000
TOTAL		\$1,477,042	\$214,264	\$3,116,219	\$751,254	\$2,755,370	\$2,381,094	\$3,897,879	\$14,593,123

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							
		FY2012				FY2013			
		2011	2012			2012	2013		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
1.2	2014-2015 UPWP								X
	Quadrennial MPO certification					X			
2.1	Short courses		X				X		
	Limited English Proficiency (LEP) Implementation Plan								X
3.1	Plan assessment and amendment process		X		X		X		X
3.2	Metro Vision Growth and Development Supplement			X					
3.4	Highway and transit networks					X	X		X
	Air quality conformity determination reports						X		X
3.5	Pedestrian/bicycle crash/safety data report			X					
	Regional bicycle corridor vision map						X		
3.6	FY2014/2015 JARC/New Freedom selection							X	
3.8	Update of "Overview of Traffic Safety"	X							
3.10	Inventory asset management methods				X				
4.1	Congestion report			X				X	
4.2	Regional Concept of Transportation Operations				X				
	Update Regional ITS Architecture						X		
	Regional ITS Pool							X	
4.3	Regional TDM Strategic Plan			X					
	Regional TDM Pool Selection							X	
5.1	CMAQ benefits evaluation			X				X	
	List of obligated projects		X				X		
	Projects delayed report		X				X		
	Station area/urban centers selection process							X	
5.2	Strategic Business Plan				X				X
5.3	TOD Status Report			X				X	
5.6	FasTracks assessment					X		X	
5.7	RTD FasTracks report		X				X		

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

Activity	Products	2-Year Program Period							
		FY2012				FY2013			
		2011	2012			2012	2013		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
6.1	2040 Work Plan	X							
	Listening Tour			X					
	Socioeconomic forecasts and regional control totals				X				
	Small area (TAZ) socioeconomic allocations								X
	Scenario modeling and summary documents							X	
6.2	Update revenue estimates					X			
	Define vision transportation system								X
7.1	Denver Regional Aerial Photography Project (DRAPP)						X		
7.2	Next-generation land-use model					X			
	Commercial Vehicle Survey								X
7.3	Transportation Improvement Survey			X				X	