

AGENDA
TRANSPORTATION ADVISORY COMMITTEE MEETING

Monday, July 29, 2013

1:30 p.m.

1290 Broadway

Independence Pass Board Room - Ground floor, west side

1. Call to Order
2. Public Comment
3. TAC June 24, 2013 Meeting Summary
(Attachment A)

ACTION ITEMS

4. **Motion to recommend to the Regional Transportation Committee the 2013 Cycle 1 amendments to the 2035 Metro Vision Regional Transportation Plan, including the Fiscally Constrained 2035 Regional Transportation Plan, and the associated 2013 Amendment Cycle 1 DRCOG CO and PM-10 Conformity Determination, and the 2013 Amendment Cycle 1 DRCOG Denver Southern Subarea 8-Hour Ozone Conformity Determination, concurrently.**
(Attachment B)
Jacob Riger
5. **Motion to recommend to the Regional Transportation Committee projects to be selected for the FTA Section 5310 pool funding for fiscal years 2014-2015.**
(Attachment C)
Jacob Riger
6. **Motion to recommend to the Regional Transportation Committee the Traffic Signal System Improvement Program 2013 Update.**
(Attachment D)
Greg MacKinnon
7. **Motion to recommend to the Regional Transportation Committee projects to be selected for the Regional Travel Demand Management (TDM) Program pool funding for fiscal years 2014-2015.**
(Attachment E)
Melina Dempsey
8. **Motion to recommend to the Regional Transportation Committee changes to the Metro Vision Regional Transportation Plan regional roadway system for 2040.**
(Attachment F)
Jacob Riger

Disabled attendees are asked to notify DRCOG at least 48 hours in advance of the need for auxiliary aids or services

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ADMINISTRATIVE ITEMS

9. Member Comment/Other Matters
10. Next Meeting - August 26
11. Adjournment

ATTACHMENT A

MEETING SUMMARY TRANSPORTATION ADVISORY COMMITTEE Monday, June 24, 2013

MEMBERS (OR VOTING ALTERNATES) PRESENT:

Jeanne Shreve (Alternate)	Adams County
Daren Sterling	Adams County-Commerce City
Dave Chambers	Arapahoe County-City of Aurora
Bryan Weimer (Alternate)	Arapahoe County
Tom Reed (Alternate)	Aviation Interests
George Gerstle (Chair)	Boulder County
Heather Balsler	Boulder County–City of Louisville
Debra Baskett	Broomfield, City and County
Steve Klausing (Alternate)	Business Interests
Sandi Kohrs (Alternate)	Colorado Dept. of Transportation, DTD
Myron Hora (Alternate)	Colorado Dept. of Transportation, Reg. 4
Crissy Fanganello	Denver, City and County
David Gaspars (Alternate)	Denver, City and County
Kevin French	Jefferson County
Bob Manwaring	Jefferson County-City of Arvada
Bert Weaver	Non-MPO Area
Tex Elam (Alternate)	Non-RTD Transit
Bill Sirois (Alternate)	Regional Transportation District
Bob Davis	Senior Interests
Jennifer Barbour	TDM/Non-motor

OTHERS PRESENT:

Rich McClintock (Alternate)	TDM/Non-motor
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Public: Danny Herrmann, Darin Stavish, CDOT R1; Matt Samman, Kiewit Infrastructure; Susan Wood, RTD; Karen Stuart, Smart Commute Metro North

DRCOG staff: Steve Cook, Jacob Riger, Lawrence Tilong; Todd Cottrell, Casey Collins

Call to Order

Chair George Gerstle called the meeting to order at 1:30 p.m. David Gaspars, City and County of Denver, was introduced as a new alternate.

Public Comment

There was no public comment given.

Summary of May 20, 2013 Meeting

The meeting summary was accepted.

ACTION ITEMS

Motion to recommend to the Regional Transportation Committee June 2013 amendments to the 2012-2017 Transportation Improvement Program (TIP).

Todd Cottrell presented on the two June 2013 amendment requests:

1. CDOT Region 6 FASTER Bridge Enterprise Pool, increase total project funds by adding \$41.5 million of state FASTER Bridge funds in FY13, allocating to pool project 1-70 East (pre-construction)
2. RTD Enhanced Mobility for Elderly and Disabled, to add \$4.575 million (\$1.525 million in each of FYs13,14, and15) in federal Section 5310 funds; and add \$1.143 million (\$381,000 in each of FYs 13, 14, and 15) in local match.

Todd noted DRCOG issued a call for projects to be funded through the FTA 5310 program for large urban areas. CDOT will administer 5310 outside this area. George Gerstle asked for clarification who Longmont-Boulder-Louisville should apply with. Jacob Riger said for Longmont-Boulder-Louisville, it depends on the program—CDOT, if a 5310 project, but RTD if RTD opens a process for 5307 or 5311-type projects. George also suggested having RTD give a presentation at TAC on their process for allocating FTA 5307 funds if it opens.

Bob Manwaring MOVED to recommend to the Regional Transportation Committee June 2013 amendments to the *2012-2017 Transportation Improvement Program* (TIP). Crissy Fanganello SECONDED the motion and the MOTION PASSED unanimously.

Motion to recommend to the Regional Transportation Committee the draft FY2014-FY2015 Unified Planning Work Program for the Denver Region (UPWP).

Todd Cottrell presented the draft UPWP document, a bi-annual federally-required report that outlines the regional planning tasks to be conducted with federal transportation planning funds. This UPWP covers activities during the period from October 1, 2013 through September 30, 2015.

Key UPWP activities include:

- Development, adoption, and implementation of the Metro Vision 2040 Plan.
- Preparation and adoption of the 2040 Metro Vision Regional Transportation Plan.
- Development and adoption of the 2016-2021 Transportation Improvement Plan.
- Incorporation of MAP-21 rulemaking outcomes.

No discussion was heard.

Heather Balsler MOVED to recommend to the Regional Transportation Committee the draft *FY2014-FY2015 Unified Planning Work Program for the Denver Region (UPWP)*. Steve Cook SECONDED the motion and the MOTION PASSED unanimously.

INFORMATIONAL BRIEFINGS

Regional Roadway System Requests and 2040 MVRTP Vision Systems.

Jacob Riger gave a status report on the 2040 Metro Vision Regional Transportation Plan vision update process. Staff has been soliciting input from member governments on:

- designating principal arterials on the DRCOG Regional Roadway System (RRS), and
- verifying the 2035 MVRTP “vision” improvements (capacity projects) on the RRS and Regional Rapid Transit System to retain in the 2040 MVRTP.

Jacob noted vision projects are illustrative only, and are not modeled and are not fiscally-constrained. Should amendment requests affect neighbors, Jacob said requesting jurisdictions are asked to coordinate with neighboring jurisdictions by the next TAC (July) meeting.

DRCOG staff will meet with CDOT on July 1 regarding proposed requests.

Myron Hora asked what the implications are of adding principal arterials to the RRS, in light of the recent MAP-21 request to update the National Highway System (NHS). Jacob said this differs from NHS, as NHS is a federal designation, not a DRCOG designation.

Steve Cook said more specific definitions of new freeway lanes (e.g., managed lanes etc.) for the final 2040 Plan will be identified this fall/winter.

Debra Baskett asked about implications of RAMP projects.

- Jacob said, for RAMP selected projects, a project not in the Fiscally Constrained Plan would be amended into the Plan in the next amendment cycle.
- Steve Cook noted FHWA has indicated that while RAMP is not new money, it's more a one-time additional monies available for capacity projects.

Debra Baskett asked about the North I-25 reversible lanes. Steve Cook noted it would be added to the Vision.

Jacob briefed on the Rapid Transit Vision and noted RTD is providing input. He also noted the ongoing NAMS (North Area Mobility Study).

- Rich McClintock commented that the Colfax Connector corridor study (I-25 to 225) includes BRT as one of the outcomes (Colfax and Broadway to Fitzsimons). Steve Cook noted this is in the Vision already.
- Rich McClintock asked if staff is asking local governments for their planned bicycle lanes for 2040 planning, and asked if this was done in 2035 planning.
 - Steve Cook said 2035 Plan did not identify specific bicycle projects by community.
 - Steve noted that being in the Plan is not an eligibility requirement for TIP funding, although bicycle projects need to be in local plans.
 - Steve said, in the Fall, staff will be reviewing the Regional Bicycle Corridor Vision (a system of key connector across the region). Rich suggested having jurisdictions indicate where on major corridors they are planning bicycle lanes, or connecting corridors.
 - Bert Weaver agreed with Rich.

ADMINISTRATIVE ITEMS

Member Comment/Other Matters

The meeting was adjourned at 2:14 p.m. The committee was asked to consider changing the regularly scheduled July 22 TAC meeting to July 29 to hold a joint meeting with the MVPAC (Metro Vision Planning Advisory Committee) to review scenarios. The committee agreed to hold a joint meeting on July 29, 2013.

ATTACHMENT B

To: Chair and Members of the Technical Advisory Committee

From: Jacob Riger, Transportation Planning Coordinator
303 480-6751 or jriger@drco.org

Meeting Date	Agenda Category	Agenda Item #
July 29, 2013	Action	4

SUBJECT

This action concerns adoption of amendments to the [2035 Metro Vision Regional Transportation Plan \(2035 MVRTP\)](#). Twice a year, DRCOG staff asks partner agencies and local governments for proposed amendments.

PROPOSED ACTION/RECOMMENDATIONS

Staff recommends the 2013 Cycle 1 amendments to the 2035 MVRTP as they represent fiscally constrained regionally significant changes and were shown to not impact air quality conformity.

ACTION BY OTHERS

N/A

SUMMARY

The proposed amendments were the subject of a public hearing before the DRCOG Board on July 17, 2013. A summary of comments heard at the public hearing and during the initial 30-day comment period, along with staff responses, is available [here](#).

The proposed [amendments](#) to 2035 MVRTP, both requested by RTD, are:

- Change the network staging period for the construction of the segment of the North Metro Rail Line from the National Western Stock Show station to the 72nd Avenue station from 2025-2035 to 2015-2024.
- Add a non-FasTracks-funded station, to be known as Aviation Station, on the East Rail Line at 61st Avenue and Peña Boulevard.

The [Summary Document for the Public Hearing](#) further describes each of the proposed 2035 MVRTP amendments.

The amended roadway and transit networks have been modeled for air quality conformity and the results were used by the state Air Pollution Control Division to calculate pollutant emissions. All pollutant emission tests were passed, as shown in the air quality conformity documents ([DRCOG CO and PM10 Conformity Determination](#) and [Denver Southern Subarea 8-hour Ozone Conformity Determination](#)).

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

Motion to recommend to the Regional Transportation Committee the 2013 Cycle 1 amendments to the *2035 Metro Vision Regional Transportation Plan*, including the *Fiscally Constrained 2035 Regional Transportation Plan*, and the associated *2013 Amendment Cycle 1 DRCOG CO and PM-10 Conformity Determination*, and the *2013 Amendment Cycle 1 DRCOG Denver Southern Subarea 8-Hour Ozone Conformity Determination*, concurrently.

ATTACHMENT C

To: Chair and Members of the Transportation Advisory Committee

From: Jacob Riger, Transportation Planning Coordinator
303 480-6751 or jriger@drco.org

Meeting Date	Agenda Category	Agenda Item #
July 29, 2013	Action	5

SUBJECT

This action concerns approval of projects to be funded through the FTA Section 5310 Program for fiscal years 2014-2015.

PROPOSED ACTION/RECOMMENDATIONS

Staff recommends approval of the projects recommended by the FTA 5310 Peer Review Panel (the "Panel") to satisfy DRCOG's role in selecting the best projects to address mobility needs of seniors and individuals with disabilities (see [Table 1](#)).

ACTION BY OTHERS

N/A

SUMMARY

DRCOG is charged with selecting projects for the FTA 5310 program for FY 2014 and FY 2015 within the Denver-Aurora Urbanized Area for RTD. As the DRCOG Board approved designated recipient, RTD will manage the program and contract with project sponsors (subrecipients).

The FTA 5310 program funds capital, operating, mobility management, and regional coordination/brokerage activities by non-profit and public agencies to enhance mobility for seniors and individuals with disabilities.

DRCOG received 14 project applications requesting a total of \$2.99 million in federal funds. Approximately \$3.2 million is estimated to be available during the two year period. Staff and the Panel recommend maintaining a small reserve of unallocated funds due to continued federal budget uncertainty.

DRCOG staff convened a panel of subject matter experts to review the applications and make project funding recommendations. The Panel is comprised of staff from DRCOG's divisions of Aging and Transportation, CDOT Division of Transit and Rail, Colorado Department of Health and Human Services, and State Coordinating Council. Individuals from these groups were chosen because of their previous experience selecting and administering 5310 projects, and because of their expertise in specialized transit coordination issues.

DRCOG staff also met with the three applicants proposing "regional coordination" projects to better understand how the proposed projects would cumulatively improve coordination. The results of that meeting were communicated to Panel members and integrated into Panel-requested follow-up with each applicant.

[Table 1](#) shows the Panel's project funding recommendations. The Panel recommends full funding for most projects, and partial funding for two projects. In general, the Panel considered every project to be valuable and addressing important needs. The Panel also judged requested funding for certain elements of two projects to be too high.

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

Motion recommending the RTC select the attached projects in amounts shown for the FTA Section 5310 pool funding for fiscal years 2014-2015.

ATTACHMENT D

To: Chair and Members of the Transportation Advisory Committee

From: Greg MacKinnon, Transportation Operations Program Manager
303-480-5633 or gmackinnon@drcog.org

Meeting Date	Agenda Category	Agenda Item #
July 29, 2013	Action	6

SUBJECT

This action concerns the adoption of the *Traffic Signal System Improvement Program 2013 Update*, which guides the expenditure of federal funds to implement improvements to the region's traffic signal systems.

PROPOSED ACTION/RECOMMENDATIONS

Staff recommends approval of the *Traffic Signal System Improvement Program 2013 Update* as proposed by the Regional Transportation Operations Working Group.

ACTION BY OTHERS

N/A

SUMMARY

The [Traffic Signal System Improvement Program 2013 Update](#) (TSSIP) document covers the period of fiscal years 2014 through 2019 and programs about \$23 million over six years to allow the partner agencies to continue the effective and successful reduction of congestion and pollutant emissions.

It guides expenditure of funds programmed in the *2012-2017 Transportation Improvement Program* (TIP Project #1997-045).

Annual funding is estimated at:

- \$2,200,000 for capital improvements
- \$ 300,000 for miscellaneous equipment purchase and contingency
- \$1,000,000 for signal timing and coordination
- \$ 200,000 for system engineering and design

The [Regional Transportation Operations Working Group](#) participated in the TSSIP update process through attendance at the RTO Working Group stakeholder meetings and reviewing distributed material. They also helped identify [critical needs](#) and proposed funding allocations. The critical needs are:

- Upgraded communications are needed for signals that have insufficient/unreliable communications.
- Communications needs to be extended to key signals that are not currently managed by a traffic signal system.
- Upgraded traffic signal systems and controllers are needed to better coordinate regional operations, conduct performance measurement, and provide center-to-center monitoring capabilities.

- Pilot traffic-adaptive signal control implementations needs to be implemented and evaluated.
- Pilot signal operations projects specific to transit, bicycles and pedestrians operations need to be implemented for evaluation.
- Equipment and systems that collect performance data are needed to assist in performance measurement.
- Continued traffic signal timing plan development and evaluation is needed to maintain good signal timing coordination.

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

Motion to recommend the Regional Transportation Committee approve the *Traffic Signal System Improvement Program 2013 Update*.

ATTACHMENT E

To: Chair and Members of the Transportation Advisory Committee

From: Melina Dempsey, Transportation Planner
303-480-5628 or mdempsey@drcoq.org

Meeting Date	Agenda Category	Agenda Item #
July 29, 2013	Action	7

SUBJECT

This action concerns approval of projects to be funded in the Regional Travel Demand Management (TDM) Pool for fiscal years 2014 and 2015.

PROPOSED ACTION/RECOMMENDATIONS

Staff recommends approval of the projects proposed by the TDM Pool Project Review Panel ("the Panel") (see [Table 1](#)).

ACTION BY OTHERS

DRCOG Board approved the establishment of the Panel, and the Regional TDM Pool process for fiscal years 2014 and 2015 on [April 17, 2013](#) (Board Minutes, see page 4).

SUMMARY

The recommended projects are listed in [Table 1](#).

Eighteen project applications were submitted for a total request of \$3.80 million, but only \$2.15 million is estimated to be available. Eleven projects are recommended to receive funding totaling \$2.13 million, leaving \$20,000 in reserve.

The Panel, comprised of TDM experts in the region (see [Table 2](#)), met twice and had three separate opportunities to review, discuss, and rank projects.

FHWA informed the project review panel some components of the project application scopes were ineligible, specifically, certain incentives and gifts intended to reduce driving alone. As a result, applicants were afforded the opportunity to submit revised applications.

The Panel considered base scores of projects as well as other overall factors (e.g. average project rank of panelists, geography, and duplication of effort) to come up with the overall package of recommended projects. The panel also recommended two projects be placed on a ranked waitlist to be funded if funding becomes available.

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

Motion to recommend the Regional Transportation Committee approve attached list of projects and associated waitlist for the Regional TDM Pool for fiscal years 2014-2015.

ATTACHMENT F

To: Chair and Members of the Transportation Advisory Committee

From: Jacob Riger, Transportation Planning Coordinator
303 480-6751 or jriger@drcog.org

Meeting Date	Agenda Category	Agenda Item #
July 29, 2013	Action	8

SUBJECT

This item involves changes to the designated Regional Roadway System depicted in the DRCOG Regional Transportation Plan.

PROPOSED ACTION/RECOMMENDATIONS

Staff recommends the Regional Roadway System changes as described below, as they provide connectivity to other regional system facilities, are a reasonable length, and there is adequate spacing between parallel regional facilities.

ACTION BY OTHERS

N/A

SUMMARY

Earlier this year, local governments were asked to submit proposed changes to the designated Regional Roadway System for 2040. This system is reviewed whenever the transportation plan undergoes a major update. Local governments also were required to demonstrate concurrence from other directly affected jurisdictions.

Roadways designated as principal arterials (those which primarily carry regional through traffic and connect to freeways and major regional arterials) and above are potentially eligible for TIP funding of operational and reconstruction projects.

[Table 1](#) lists the local government requested principal arterials additions and deletions. The current system is shown in [Figure 1](#). The locations of requested changes are displayed in [Figure 2](#).

[Table 1](#) also shows data for the traits used in considering additions to the Regional Roadway System. The traits emphasize network connectivity to other regional system facilities, reasonable length of proposed additions, and adequate spacing between parallel regional facilities.

Staff recommends accepting these requested principal arterial additions to the Regional Roadway System, with the rationale noted:

- **80th/82nd Avenue** (SH-93 to US 287-Federal Boulevard): has reasonable average spacing to nearest parallel facility (0.9 miles); is a long arterial facility; provides linkage to 84th/88th Avenues for east-west crosstown travel.
- **160th Avenue** (Sheridan Parkway to Huron Street): segment continues important east-west corridor (South Boulder Road/160th Avenue) to logical endpoint at Huron Street; has one mile average spacing from nearest parallel facility.
- **East County Line Road** (Erie Parkway to SH-119): fills in a gap for north-south movement in the regional system; staff recommendation contingent on final agreement among affected jurisdictions prior to TAC meeting.

- **Indiana Street/96th Avenue** (SH-72 to Alkire Street): reinstates portions of roadways previously part of the Regional Roadway System.
- **Indiana Street** (Jefferson Parkway interchange to SH-128): reinstates roadway segment previously part of the Regional Roadway System; completes logical north-south connection to SH-128.

Staff does not recommend the following request: **Campus Drive** (96th Street to McCaslin Boulevard/Marshall Road.); parallel facility spacing is short (Dillon Road is just 0.6 miles away); roadway is short and would likely not serve significant longer-distance travel.

Staff recommends accepting the proposed deletions of Simms Street and Chatfield Avenue as requested by Jefferson County. There are other parallel regional system roadways close by.

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

Motion to recommend the Regional Transportation Committee approve staff's proposed changes to the Metro Vision Regional Transportation Plan Regional Roadway System for 2040.