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AGENDA
REGIONAL TRANSPORTATION COMMITTEE
Tuesday, September 15, 2015
8:30 a.m.
1290 Broadway
Independence Pass Board Room

1. Call to Order
2. Public Comment
3. July 14, 2015 Meeting Summary
(Attachment A)

ACTION ITEM

4. Discussion of amendments to the 2016-2021 Transportation Improvement Program (TIP).
(Attachment B)
Todd Cottrell
5. Discussion and direction to staff on the key elements of the Prospectus pertaining to the role and responsibilities of DRCOG's transportation committees.
(Attachment C)
Douglas W. Rex

ADMINISTRATIVE ITEMS

6. Member Comment/Other Matters
7. Next Meeting – October 20, 2015
8. Adjournment

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

We make life better!



ATTACHMENT A

MEETING SUMMARY REGIONAL TRANSPORTATION COMMITTEE Tuesday, July 14, 2015

MEMBERS PRESENT:

Shannon Gifford	Colorado Department of Transportation
Shailen Bhatt	Colorado Department of Transportation
Debra Perkins-Smith (Alternate)	Colorado Department of Transportation
Ed Peterson	Colorado Department of Transportation
Jackie Millet (Chair)	Denver Regional Council of Governments
Jennifer Schaufele	Denver Regional Council of Governments
Herb Atchison (Alternate)	Denver Regional Council of Governments
Robin Kniech	Denver Regional Council of Governments
Ron Rakowsky	Denver Regional Council of Governments
Ken Lloyd	Regional Air Quality Council
Bill Van Meter (Alternate)	Regional Transportation District
Tina Francone	Regional Transportation District
Tom Tobiasen	Regional Transportation District

ALTERNATES PRESENT:

Tony DeVito (Alternate)	Colorado Department of Transportation
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DRCOG Staff: Doug Rex, Steve Cook, Jacob Riger, Todd Cottrell, Will Soper, Mark Northrop, Melina Dempsey, Matthew Helfant, Sylvia Brady, Casey Collins

Others Present: Paul Jesaitis, CDOT; Frankie Francone

Call to Order

Jackie Millet called the meeting to order at 8:32 a.m.

Public Comment

There was no public comment.

Summary of May 18, 2015 Meeting

The summary was accepted, with a correction on page 2 that Tony DeVito is transferring within CDOT from a position as Region1 Director to the I-70 East Project Manager.

ACTION ITEMS

Discussion of amendments to the 2016-2021 Transportation Improvement Program (TIP).

Todd Cottrell presented the three requested amendments.

Sponsor	TIP ID	Proposed Amendment	
RTD	2007-055	FasTracks North Metro: DUS to Eastlake/124 th Ave	To change project name (previously DUS to 72 nd Ave), limits, and scope. Increase funds (from total funding of \$419,594 M to \$698,230 M) to accurately reflect project information.
RTD	2007-059	FasTracks SE Corridor Extension: Lincoln Ave to RidgeGate	To revise funding table to accurately reflect committed funds (from total funding of \$334,159 M to \$231,462 M).
CDOT Reg. 1	2016-003	I-70 East Reconstruction	To update project scope. Increase project funds to be consistent with STIP (from total funding of \$791,500 M to \$1,172 B). The Bridge Enterprise funds represent funds included in the prior FY12-17 STIP as well as the estimated construction expenditures associated with a long-term payment stream of Bridge Enterprise revenues. Additional funding will be added to the TIP once funding sources have been secured.

Ron Rakowsky MOVED to recommend to the Regional Transportation Committee amendments to the *2016-2021 Transportation Improvement Program (TIP)*. The motion was seconded and it passed unanimously.

Discussion of the draft FY2016-FY2017 Unified Planning Work Program (UPWP).

Doug Rex presented the draft FYs16-17 UPWP, a federally required document outlining major regional transportation planning tasks and activities to be conducted from October 1, 2015 through September 30, 2017. The UPWP is updated every two years in collaboration with planning partners, CDOT, RTD, and local governments.

New initiatives planned include:

- Implementation of the Regional Freight Movement Study starting in FY16 and completing in FY17, to develop a regional freight vision, piggybacking with the CDOT State vision.
- Development of a Regional Active Transportation Plan starting in FY16 and completing in FY17.
- An emphasis on implementing “cool tools” – visualization tools and modeling enhancements to help with scenario planning.

Member comments:

- Shailen Bhatt noted CDOT is placing a focus on data security and encouraged continued conversation on the issue.
- Ron Rakowsky encouraged implementation of the Regional Freight Movement Study as a high priority.

Debra Perkins-Smith MOVED to recommend to the Board of Directors the draft *FY2016-FY2017 Unified Planning Work Program (UPWP)*. The motion was seconded and it passed unanimously.

INFORMATIONAL ITEM

Briefing on CDOT Transportation System Management & Operations Division (TSM&O) activities.

Ryan Rice, Director of CDOT's TSM&O division formed in 2013, gave a presentation of ongoing initiatives. The division's focus is to implement low-cost, high-value improvements to maximize efficiency of CDOT's existing transportation system through activities other than building new capacity.

Mr. Rice gave an overview of tools and technologies used, discussed how strategies benefit the environment, and reviewed accomplishments, such as improved winter operations on I-70.

He noted traffic incident management can reduce travel time delays caused by incidents by 30-50%. Since October 2014, CDOT has employed two traffic incident commanders on the I-70 Mountain and I-25 Metro corridors.

He commented that CDOT is looking to step up technology to increase safety, such as Connected Vehicles, and is interested in working with partners to do so. He said USDOT projects 50% of vehicles will be connected (i.e., vehicles or its occupant are able to communicate in real time back and forth between vehicles or infrastructure) by 2025 and 100% by 2040. Connecting vehicles through smart phone networks will be faster to accomplish than built-in vehicle-to-vehicle.

Greg MacKinnon, DRCOG's Regional Traffic Operations Manager, spoke on how DRCOG and TSM&O work towards common objectives to use traffic management techniques to control and reduce congestion. He referenced DRCOG's *Regional Transportation Concept of Operations* (the "Operations Plan"), with its key focuses on safety and reliability, and spoke on DRCOG's Traffic Signal Timing program. Several DRCOG initiatives include:

- a collaboration with RTD to implement Traffic Signal Priority across the region with initial implementations on Colfax Avenue and on select US-36 ramps.
- a ramp meter system upgrade
- development of regional incident management processes and procedures.
- an evaluation to measure the efficiency of the new Denver bike detection intersections.
- traffic monitoring on arterials, feeding information to CDOT.
- conversion of CDOT's data to data warehouse, which is a more efficient way of collecting/storing data. CDOT's data warehouse will serve as the core of regional data for determining operations performance measures. Local jurisdictions will also have access to the data warehouse.

ADMINISTRATIVE ITEMS

Member Comment/Other Matters

The meeting was adjourned at 9:41 a.m. The next scheduled meeting is August 18, 2015.

ATTACHMENT B

To: Chair and Members of the Regional Transportation Committee

From: Todd Cottrell, Senior Transportation Planner
303 480-6737 or tcottrell@drcog.org

Meeting Date	Agenda Category	Agenda Item #
September 15, 2015	Action	4

SUBJECT

DRCOG's transportation planning process allows for Board-approved amendments to the current Transportation Improvement Program (TIP), taking place on an as-needed basis. Typically, these amendments involve the deletion and addition of projects or adjustments to existing projects and do not impact funding for other projects in the TIP.

PROPOSED ACTION/RECOMMENDATIONS

DRCOG staff recommends approval of the proposed amendments because they comply with the Board adopted [TIP Amendment Policy](#).

ACTION BY OTHERS

[August 24, 2015](#) – TAC recommended approval.

SUMMARY

The three projects to be amended are listed in the attachment. Highlighted items depict proposed changes. The proposed policy amendments to the [2016-2021 Transportation Improvement Program](#) have been found to conform to the State Implementation Plan for Air Quality.

- **Amendment #1 - C-470 Managed Toll Express Lanes:** Kipling to I-25 (2016-059) - update title, scope, and increase funding
- RTD will be administering a contract with University of Colorado-Denver for a campus shuttle, but desires to de-federalize the project since they will not be running the shuttle service (to be provided by private third party vendor). As a result, the following 2016-2021 TIP revision and new project is proposed:
 - **Amendment #2 - Anschutz Medical Campus Shuttle (2016-012):** removal of CMAQ funds and replace with local RTD funds
 - **Amendment #3 - Intercity Bus Purchase (New Project):** purchase four intercity buses using CMAQ funds transferred from TIPID 2016-012

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

Move to recommend to the Board of Directors amendments to the *2016-2021 Transportation Improvement Program* (TIP).

ATTACHMENT

Proposed TIP Amendments

ADDITIONAL INFORMATION

If you need additional information, please contact Todd Cottrell, Senior Transportation Planner, Transportation Planning and Operations at (303) 480-6737 or tcottrell@drcog.org.

2016-059: Update title, scope and increase funding

Existing

Title: **C-470 Managed Toll Express Lanes: Kipling to I-25**

Project Type: **Roadway Capacity**

TIP-ID: **2016-059**

STIP-ID:

Open to Public:

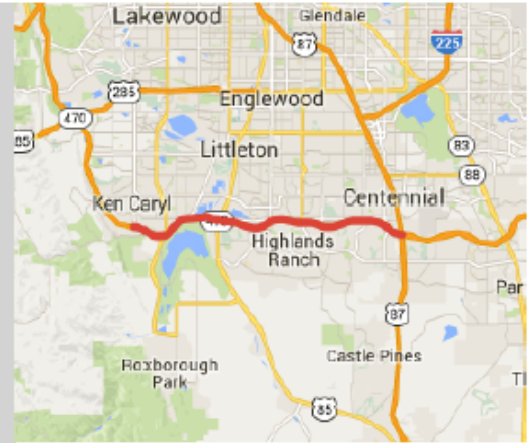
Sponsor: **CDOT Region 1**

Project Scope

Adds one managed lane in each direction on C-470, from Kipling to I-25.

Affected County(ies)

- Arapahoe
- Douglas



Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (RMP)		\$20,000	\$40,000	\$40,000	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
Total		\$0	\$20,000	\$40,000	\$40,000	\$0	\$0	\$0 \$100,000

Revised

Title: **C-470 Managed Toll Express Lanes: Wadsworth to I-25**

Project Type: **Roadway Capacity**

TIP-ID: **2016-059**

STIP-ID:

Open to Public:

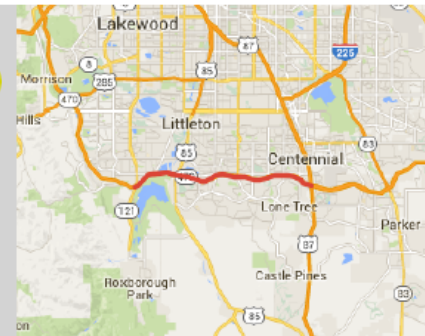
Sponsor: **CDOT Region 1**

Project Scope

One tolled express lane in each direction on C-470. WB between I-25 and approximately Wadsworth and EB between approximately Platte Canyon and I-25, with auxiliary lanes in required locations. Safety and operational improvements between I-25 and Quebec St. Improvements to ramps including direct-connect ramps at I-25 and C-470.

Affected County(ies)

- Arapahoe
- Douglas
- Jefferson



Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
State (Faster-S)		\$0	\$2,000	\$0	\$0	\$0		
State (RMP)		\$0	\$40,000	\$60,000	\$0	\$0		
Local		\$0	\$10,000	\$0	\$0	\$0		
Local (Bond/Loans)		\$0	\$44,000	\$96,000	\$105,000	\$0		
Total	\$0	\$0	\$96,000	\$156,000	\$105,000	\$0	\$0	\$357,000

2016-012: De-federalize project – removal of CMAQ funds and replace with local RTD funds

Existing

Title: **Anschutz Medical Campus Shuttle**

Project Type: **Bus Service Projects (New)**

TIP-ID: **2016-012**

STIP-ID:

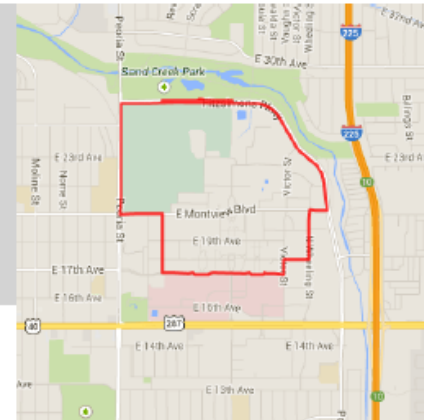
Open to Public: **2016**

Sponsor: **University of Colorado-Denver**

Project Scope

This project will create new bus service from the Fitzsimons Pkwy Light Rail Station into the Anschutz Medical Campus. Stops will be at key locations on campus near University Hospital, Children's Hospital of Colorado, and the University of Colorado Anschutz Medical Campus. Operating hours for the bus service will include:

- BUS 1: early AM to late PM, 7 days per week
- BUS 2: early AM to late PM, Monday through Friday
- BUS 3: AM peak and PM peak, Monday through Friday



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Aurora	Adams	Year	Phase
		2016	Initiate Bus Service - Year 1
		2017	Initiate Bus Service - Year 2
		2018	Initiate Bus Service - Year 3

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$867	\$316	\$326	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$372	\$136	\$140	\$0	\$0		
Total	\$0	\$1,239	\$452	\$466	\$0	\$0	\$0	\$2,157

Revised

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local (Local)		\$372	\$136	\$140	\$0	\$0		
Local (RTD)		\$867	\$316	\$326	\$0	\$0		
Total	\$0	\$1,239	\$452	\$466	\$0	\$0	\$0	\$2,157

Request: Create new project to purchase four new intercity buses using CMAQ funds from TIP ID 2016-012

New Project

Title: **Intercity Bus Purchase**

Project Type: **Transit Vehicles**

TIP-ID: **Request**

STIP-ID:

Open to Public:

Sponsor: **R T D**

Project Scope

Purchase four intercity coach buses to be used region-wide.



Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$867	\$642	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$217	\$161	\$0	\$0	\$0		
Total	\$0	\$1,084	\$803	\$0	\$0	\$0	\$0	\$1,887

ATTACHMENT C

To: Chair and Members of the Regional Transportation Committee
From: Douglas W. Rex, Director, Transportation Planning and Operations
303-480-6747 or drex@drcog.org

Meeting Date	Agenda Category	Agenda Item #
September 15, 2015	Action	5

SUBJECT

Revision to *The Prospectus–Transportation Planning in the Denver Region*.

PROPOSED ACTION/RECOMMENDATIONS

Direction to staff on key elements of the Prospectus pertaining to the role and responsibilities of DRCOG's transportation committees

ACTION BY OTHERS

N/A

SUMMARY

At the May RTC meeting, staff provided an overview of the history and function of *The Prospectus–Transportation Planning in the Denver Region* (Attachment 1). The document is important because it details how the Denver region transportation planning process works. Specifically the Prospectus:

- describes the policies and procedures of the process,
- details how the three partners (DRCOG, CDOT, RTD) cooperate in carrying out the process,
- identifies the key regional transportation planning products required by federal law and explains how the participants work together to produce those products, and
- shows how the regional process dovetails with individual processes of the three partners, and interacts with local governments, air quality planning agencies, and other participants to accomplish transportation planning in the Denver region.

Over the summer, DRCOG has been working with CDOT and RTD staff to update the document to comply with changes resulting from MAP-21. Staff plans to provide a draft to RTC in October following review and comment by DRCOG's Agency Coordination Team (ACT). In preparation of revisions to the document, staff seeks guidance from RTC about DRCOG committee responsibilities and membership shown in Exhibit 4 of the Prospectus (Attachment 2). Specifically, staff seeks direction on the following questions related to DRCOG's committee structure:

1. Should RTC meetings occur before or after the DRCOG Board of Directors (BOD) monthly meeting? The decision could alter the action sequence of agenda items since the RTC currently "prepares and forwards policy recommendations to the DRCOG Board".
2. Are you satisfied with the prescribed responsibilities of the BOD, RTC and TAC outlined in Exhibit 4?
3. Are you satisfied with the membership and procedural rules of the transportation committees (RTC and TAC)?

PREVIOUS DISCUSSIONS/ACTIONS

[May 19, 2015 – RTC Meeting](#)

PROPOSED MOTION

Move to provide direction to staff pertaining to the role and responsibilities of DRCOG's transportation committees for the Prospectus update.

ATTACHMENTS

1. [The Prospectus–Transportation Planning in the Denver Region](#) (2011)
2. Exhibit 4: Composition and Responsibilities of the DRCOG Board and Transportation Committees

ADDITIONAL INFORMATION

If you need additional information, please contact Douglas W. Rex, Director, Transportation Planning and Operations, at 303-480-6747 or drex@drcog.org.

ATTACHMENT 2

Transportation Planning in the Denver Region

Exhibit 4 Composition and Responsibilities of the DRCOG Board and Transportation Committees

	DRCOG Board	Regional Transportation Committee	Transportation Advisory Committee
Authority	<ul style="list-style-type: none"> State statute DRCOG Articles of Association 	<ul style="list-style-type: none"> MOA DRCOG Board adopts committee description 	<ul style="list-style-type: none"> MOA DRCOG Board adopts committee description
Responsibilities	<ul style="list-style-type: none"> Prepares, maintains, and regularly reviews comprehensive regional plan (Metro Vision) Adopts all regional transportation planning products, including the Metro Vision RTP and TIP Products and policies are adopted when Board and Regional Transportation Committee both take favorable action 	<ul style="list-style-type: none"> Assists the DRCOG Board in regional transportation planning Prepares regional transportation planning policy recommendations for action by the DRCOG Board 	<ul style="list-style-type: none"> Facilitates dialogue and cooperation among local governments, regional agencies, the state, and other stakeholders on regional transportation issues Provides advice and guidance on methods of planning and implementation, and helps develop policy options Reviews planning products and processes Makes recommendations to the Regional Transportation Committee on transportation plans and improvement programs
Membership	<ul style="list-style-type: none"> Each municipality, county, and city-and-county within the nine plus-county region is eligible to be a member of DRCOG Each member may designate one local elected official as its member representative and one as its alternate <ul style="list-style-type: none"> Denver may designate two members Governor appoints three non-voting members 	<ul style="list-style-type: none"> Five from DRCOG—the chair, vice chair, two Board members, and the executive director Four from CDOT—three Denver-area transportation commissioners and the executive director Four from RTD—three board members and the general manager DRCOG, CDOT, and RTD may designate alternates in writing Three others—appointed annually by the Regional Transportation Committee chair upon unanimous recommendation of the DRCOG, CDOT and RTD executives (DRCOG executive will consult with the chair prior to the three agency executives forming a recommendation) 16 voting members total 	<ul style="list-style-type: none"> 15 local-government representatives appointed by the DRCOG chair: <ul style="list-style-type: none"> two each from Adams, Arapahoe, Boulder, Douglas, and Jefferson counties and one from southwest Weld County; <ul style="list-style-type: none"> at least three are appointed from counties at least seven are appointed from municipalities (at least two but no more than three are from cities smaller than 35,000 in population) two from Denver and one from Broomfield one from the non-MPO area of the transportation planning region appointees are city or county managers/administrators, or public works, transportation, or planning directors, or equivalent CDOT directors for regions 1, 4, and 6 and transportation development division RTD's planning/development director DRCOG's transportation planning/operations director Regional Air Quality Council executive director One representative each of environmental, freight, transportation demand management/non-motorized, senior, aviation, non-RTD transit, and business/economic development interests (nominated by the DRCOG chair and confirmed by the Regional Transportation Committee) Alternates may be designated in writing FHWA and FTA have ex-officio representation 29 voting members total
Quorum	<ul style="list-style-type: none"> One-third of all voting member representatives 	<ul style="list-style-type: none"> 12 voting members or designated alternates 	<ul style="list-style-type: none"> 15 voting members or designated alternates
Decisions Made	<ul style="list-style-type: none"> Regular questions: with a majority of voting member representatives present Adoption or amendment of elements of regional plan: with a majority of all voting member representatives 	<ul style="list-style-type: none"> With 12 affirmative votes 	<ul style="list-style-type: none"> With 15 affirmative votes