

AGENDA

TRANSPORTATION ADVISORY COMMITTEE

Monday, November 23, 2015

1:30 p.m.

1290 Broadway

Independence Pass Board Room - Ground floor, West side

1. Call to Order
2. Public Comment
3. October 26, 2015 TAC Meeting Summary
(Attachment A)

ACTION ITEM

4. Discussion of recommendation of a study to be funded in the Station Area Master Plan/ Urban Center Studies (STAMP/UC) set-aside for fiscal year 2017.
(Attachment B) Derrick Webb

INFORMATIONAL ITEMS

5. Review of draft *Freight and Goods Movement* component for the *Metro Vision Regional Transportation Plan*.
(Attachment C) Jacob Riger
6. Review of draft *Regional Bicycle Network Vision* for the *Metro Vision Regional Transportation Plan*.
(Attachment D) Melina Dempsey

ADMINISTRATIVE ITEMS

7. Member Comment/Other Matters
 - Nominating Panel for selection of 2016/2017 Transportation Advisory Committee (TAC) Chair and Vice-Chair.
 - TAC 2016 Meeting Schedule
8. Next Meeting – December 21, 2015
9. Adjournment

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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ATTACHMENT A
MEETING SUMMARY
TRANSPORTATION ADVISORY COMMITTEE
Monday, September 28, 2015

MEMBERS (OR VOTING ALTERNATES) PRESENT:

Kimberly Dall	Adams County-City of Brighton
Kent Moorman (Alternate)	Adams County – City of Thornton
Travis Greiman	Arapahoe County – City of Centennial
Dave Chambers	Arapahoe County – City of Aurora
Tom Reed (Alternate)	Aviation
Heather Balsler	Boulder County-City of Louisville
George Gerstle	Boulder County
Debra Baskett (Chair)	Broomfield, City and County
Steve Klausing	Business/Economic Development
Jeff Sudmeier (Alternate)	Colorado Dept. of Transportation, DTD
Paul Jesaitis	Colorado Dept. of Transportation Region 1
Janice Finch	Denver, City and County
Flo Raitano (Alternate)	Denver Regional Council of Governments
John Cotten	Douglas County-City of Lone Tree
Art Griffith	Douglas County
Mike Salisbury (Alternate)	Environment
Greg Fischer	Freight
Bob Manwaring (Vice Chair)	Jefferson County-City of Arvada
Steve Durian	Jefferson County
Bert Weaver	Non-MPO
Tex Elam (Alternate)	Non-RTD Transit
Ken Lloyd	Regional Air Quality Council
Bill Sirois (Alternate)	Regional Transportation District
Aylene McCallum	TDM/Nonmotor

OTHERS PRESENT:

Mac Callison (Alternate)	Arapahoe County – City of Aurora
Bryan Weimer (Alternate)	Arapahoe County
Danny Herrmann (Alternate)	Colorado Dept. of Transportation Region 1
Tom Reiff (Alternate)	Douglas County
Dave Baskett (Alternate)	Jefferson County-City of Lakewood
Kate Cooke (Alternate)	Regional Air Quality Council
Ted Heyd (Alternate)	TDM/Nonmotor

Public: Carina Gaz, Bike Denver; Barb Frommell, Emily Gloeckner, City and County of Denver-NDCC; Eugene Howard, Douglas County; Kelsey Relph, Infrastructure Engineers; Bryce Matthews, Town of Parker; Negar Karimi, Jerry Nery, RTD; Stuart Anderson, Transportation Solutions

DRCOG staff: Steve Cook, Todd Cottrell, Robert Spotts, Melina Dempsey, Derrick Webb, Jacob Riger, Will Soper, Mark Northrop, Brad Calvert, Casey Collins

Call to Order

Chair Debra Baskett called the meeting to order at 1:30 p.m.

Public Comments

Bryce Matthews, Town of Parker, spoke in support of his jurisdiction's STAMP/UC application (Downtown Parker Urban Center Parking Implementation Strategic Plan).

Summary of August 24, 2015 Meeting

The meeting summary was accepted. Janice Finch requested clarification of the Tip Waiting List Protocol (page 3 of summary) as to whether studies on the list would be eligible if only STP-Metro funds were available; and if so, would bicycle/pedestrian projects further down the list even be reached. Steve Cook said, as proposed and approved last month, it is only for assigned funding categories; i.e., if a bicycle/pedestrian project, it would only be eligible for additional CMAQ and TAP, not additional STP-Metro funds.

ACTION ITEMS

Discussion of proposed amendments to the 2040 Fiscally Constrained Regional Transportation Plan for air quality conformity modeling.

Jacob Riger presented the proposed 2015 Cycle 2 amendments to the 2040 RTP, which are primarily modifications to projects already in the 2040 RTP.

The committee was asked to recommend including the proposed amendments in the transportation networks for air quality conformity modeling. After modeling is completed, the amendments will come back to the committee for a recommendation. A public hearing is expected to be held in early 2016.

Proposed amendments to model

Agency	Project/Segment Description	Length (Miles)	Current 2040 RTP Status	Cycle 2 Amendment	Total Proj. Cost Est. (\$M)
CDOT	<u>C-470: new managed toll express lanes:</u> • Wadsworth Blvd. to I-25	1.0		Advance eastbound segment (1 lane) from Wadsworth Blvd. to Platte Canyon Rd. to 2015-2024 stage	
CDOT	<u>I-70: new managed lanes (HOV policy TBD)</u> • I-25 to Chambers Rd. (1 new lane in each direction)	9.6		Change scope/limits from 2 managed lanes in each direction (Brighton Blvd. to I-270) to 1 managed lane in each direction (I-25 to Chambers Rd.)	
Commerce City	Pena Blvd./Tower Rd.: construct missing on-ramp to WB Pena	NA	Not in RTP	Add to fiscally constrained network (2015-2024 stage), locally funded	\$3.8
	Tower Rd.: Pena Blvd. to 104th Ave. widening (2 to 4 lanes)	3.5	In 2015-2024 stage (2 to 6 lanes)	Change widening to 2 to 4 lanes in 2015-2024 stage; add widening to 4 to 6 lanes in 2025-2034 stage	\$40.5
E-470 Authority	E-470: Parker Rd. to Quincy Ave. widening (4 to 6 lanes)	8.1	In 2025-2034 stage	Advance to 2015-2024 stage	\$80.0
Jefferson County	McIntyre St.: 44th Ave. to 52nd Ave. widening (2 to 4 lanes)	1.0	Not in RTP	Add to fiscally constrained network (2015-2024 stage), locally funded	\$3.5
	McIntyre St.: 52nd Ave. to 60th Ave. widening (2 to 4 lanes)	1.0	Not in RTP	Add to fiscally constrained network (2015-2024 stage), locally funded	\$6.5
	Quincy Ave: C-470 to Simms. St. widening (2 to 4 lanes)	1.9	In 2025-2034 stage	Advance to 2015-2024 stage	\$8.0
Wheat Ridge	Wadsworth Blvd.: 35th Ave. to 48th Ave. widening (4 to 6 lanes)	1.2	In 2025-2034 stage	Advance to 2015-2024 stage	\$31.6

Bob Manwaring MOVED to recommend to the Regional Transportation Committee the proposed amendments to the *2040 Fiscally Constrained Regional Transportation Plan* for air quality conformity modeling. The motion was seconded and passed unanimously.

Discussion on project recommendations for FYs 2016-2017 studies funded through the Station Area Master Plans/Urban Center Planning Studies set-aside program of the 2016-2021 Transportation Improvement Program (TIP).

Derrick Webb presented recommendations made by the STAMP/UC Project Review Panel. Staff received 17 applications through a call for projects for a total request of ~\$2.6 million in federal CMAQ funding.

Of the 17 applications, 7 projects were recommended by the STAMPS/UC Panel for a total of \$1.15 million of the \$1.2 million amount available. An administrative flat rate fee of ~\$5,900 per study will be charged by RTD.

There was discussion on whether large jurisdictions' applications overshadow small jurisdictions' applications. There were suggestions to reflect jurisdiction size in next project selection criteria and for DRCOG to provide more application assistance for smaller jurisdictions.

Janice Finch said City and County of Denver requested to revise the funding year of the National Western Center project to FY2016, rather than FY2017 as noted in the agenda attachment. Staff said this revision would be acceptable.

STAMPs/UC projects	Sponsor	Study	Recommended CMAQ funding	
			FY16	FY17
	36 Commuting Solutions	Northwest Corridor Bicycle and Pedestrian Final Wayfinding Plans Final and Sign Design	\$150,000	
	City of Arvada	Gold Line Kipling Ridge Station	\$80,000	
	City and County of Denver	National Western Center Parking and Transportation Management Study	\$200,000	
	Transportation Solutions	Multi-Station Plan and Mobility Study: Colorado and University Stations	\$160,000	
	City of Aurora	Aurora City Center Train/Traffic and Transportation Network Study		\$200,000
	City of Longmont	Main Street Corridor Plan		\$200,000
	City of Thornton	North Thornton and Highway 7 TOD Master Plan		\$160,000
		<i>Subtotals</i>	<i>\$590,000</i>	<i>\$560,000</i>
			Total	\$1,150,000

George Gerstle MOVED to recommend to the Regional Transportation Committee the project recommendations for FYs 2016-2017 studies funded through the Station Area Master Plans/Urban Center Planning Studies set-aside program of the *2016-2021 Transportation Improvement Program (TIP)*. The motion was seconded and passed unanimously.

Discussion on project recommendations for FYs 2016-2017 projects funded through the Travel Demand Management (TDM) set-aside program of the 2016-2021 Transportation Improvement Program (TIP).

Melina Dempsey presented the recommendations made by the TDM Project Review Panel. Staff received 18 applications through a call for projects for a total request of \$3.24 million in federal CMAQ funding. The project applications included 5 infrastructure projects (\$1.12 million total request); and 13 non-infrastructure projects (\$2.12 million total request).

Of the 18 applications received, 11 were recommended by the TDM Panel (4 infrastructure and 7 non-infrastructure) for a total funding award of ~\$2.33 million.

TDM projects

Sponsor	Project	Recommended CMAQ Funding
<i>Infrastructure</i>		
Aurora (City of)	Bike-n-Ride Storage Facilities: Aurora and East Line	\$300,000
36 Commuting Solutions (TMA)	Bike-n-Ride Shelters: Broomfield/Sheridan Stations	\$258,623
Boulder County	Real-Time Signage Project: Boulder County	\$257,935
Golden (City of)	Bike Library: City of Golden	\$164,144
<i>Infrastructure Subtotal</i>		<i>\$980,702</i>
<i>Non-Infrastructure</i>		
Groundwork Denver	Community-Based Social Marketing Project: West/North-Central Denver and Commerce City	\$238,493
eGo Carshare	Multi-modal Access Pass Marketing Campaign and Fleet Expansion	\$111,767
Bike Denver	Ambassador Program	\$248,369
Walk Denver	Wayfinder Academy	\$144,550
Transportation Solutions	Access Cherry Creek/Access Colorado Boulevard	\$200,000
RAQC	Every Trip Counts - Smart Commute Metro North	\$286,364
Community Cycles	Community Multi-modal Transportation Center	\$124,235
<i>Non-Infrastructure Subtotal</i>		<i>\$1,353,778</i>
Total		\$2,334,480

Another project (36 Commuting Solutions, US 36 Casual/Dynamic Pilot Ridesharing for \$150,000) was recommended for wait-listing.

Observations made by TDM panel members:

- Steve Klausing suggested making potential sponsors attend required training from CDOT to improve quality of applications.
- Aylene McCallum felt there are many constraints on applying; i.e., reporting requirements are too onerous considering the amounts funded are relatively small. Need to improve quality of applications. Dave Baskett said new federal regulations for project compliance will be even more stringent.

George Gerstle MOVED to recommend to the Regional Transportation Committee the project recommendations for FY 2016 and 2017 projects funded through the Travel Demand Management (TDM) set-aside program of the *2016-2021 Transportation Improvement Program (TIP)*. The motion was seconded and passed unanimously.

INFORMATIONAL ITEMS

Summary of draft 2014 Annual Report on Roadway Traffic Congestion in the Denver Region.

Robert Spotts reviewed the draft annual report on congestion in the Denver region. The report contains information on VMT, performance measures, locations of congestion, multimodal strategies, and recent projects. This year's report highlights a comparison of Denver area with other metro areas.

Comments:

- Mike Salisbury asked if congestion pricing was considered and the future role it may play. Steve Cook noted this strategy is listed in the Congestion Toolkit report, but an in-depth rigorous analysis has not been done. It was pointed out that the US-36/I-25 Express Lanes are examples of congestion pricing.

- George Gerstle suggested: 1.) showing the alternative choices people have to bypass congestion, and 2.) showing historic data to see how things have changed.
- Ted Heyd asked if ridership for new RTD lines and emerging trends, such as driverless cars, are factored in. Steve Cook said fiscally constrained RTD aspects and millennial trends are factored in, but driverless/connected cars are not in the model.
- Bryan Weimer was concerned that land use model and congestion models were not integrated well.
- Janice Finch asked how the information can drive the region's investment decision-making. Can the high congested locations map be translated into some investment recommendations; i.e., investing in Traffic Signal or ITS, rather than capacity). Robert Spotts noted congestion is a factor in several areas of TIP scoring.
- Paul Jesaitis said Figure 2 contains no data on the bottleneck information. Perhaps staff could tabulate the worst intersections. Steve Cook noted the report is intended as a high-level, not engineering level, informational report.

ADMINISTRATIVE ITEMS

Member Comment/Other Matters

The first meeting of the TIP Review Work Group will be held Friday, October 16 at 9:30 a.m.

The meeting adjourned at 2:54 p.m. The next meeting is scheduled for October 26, 2015.

ATTACHMENT B

To: Chair and Members of the Transportation Advisory Committee

From: Derrick Webb, Regional Planner
303 480-6728 or dwebb@drcog.org

Meeting Date	Agenda Category	Agenda Item #
November 23, 2015	Action	4

SUBJECT

Approval of a study to be funded in the Station Area Master Plan/Urban Center Studies (STAMP/UC) set-aside for fiscal year 2017.

PROPOSED ACTION/RECOMMENDATIONS

Staff recommends approval of the North Capitol Hill/Colfax Urban Center study submitted by the City and County of Denver.

ACTION BY OTHERS

[April 15, 2015](#) DRCOG Board approved the STAMP/UC set-aside process for fiscal years 2016 and 2017.

[October 21, 2015](#) DRCOG Board approved seven STAMP/UC studies (FY16 and FY17) and directed staff to allocate the remaining \$50,000 from this cycle.

SUMMARY

In October, the DRCOG Board approved funding seven studies totaling \$1,150,000 in federal funds, leaving an unallocated amount of \$50,000 in federal funds. The Board further directed staff to offer the remaining funds to applicants that applied for but did not receive funds during the original allocation. Staff reached out to all applicants to confirm interest in being considered for selection given the following stipulations:

- The scope of the project as originally submitted must be completed in full. Any funding gaps must be made up by the entity accepting the funds.
- The selected study will be programmed in FY17.

DRCOG staff then reconvened the Project Selection Panel to determine a final ranking of the remaining unfunded projects (shown in Attachment 1) and to award the \$50,000. The cities of Centennial and Louisville asked that their projects be removed from consideration as the Panel was determining a final ranking.

The \$50,000 was first offered to the panel's highest ranked project (Broomfield), which declined. The second-highest ranked project (Denver) accepted the funds for the North Capitol Hill/Colfax Urban Center study. Denver originally requested \$200,000 in federal funds to support the development of the study, but has agreed to complete the original scope as detailed in its application using the \$50,000 remaining in the FY16-17 set-aside.

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

Move to recommend to the Regional Transportation Committee the North Capitol Hill/Colfax Urban Center study funded through the Station Area Master Plan/Urban Center set-aside for fiscal year 2017.

ATTACHMENT

Table 1 - Station Area Master Plan/Urban Center unfunded ranking recommendations.

ADDITIONAL INFORMATION

If you need additional information, please contact Derrick Webb, Regional Planner, Regional Planning and Operations, at 303 480-6728 or dwebb@drcog.org.

ATTACHMENT 1

Station Area Master Plan/Urban Center Unfunded Ranking Recommendations

STAMP/UC Selection Panel Rank		
Sponsor	Rank	Process
Broomfield - SH7 BRT, Multimodal Station Recs. Right-of-Way	1	offered and declined
Denver - Neighborhood Plan	2	offered and accepted
Longmont - Urban Renewal Design and Implementation	3	not offered
Denver - Urban Mobility Hubs	4	not offered
Centennial - Arapahoe Urban Center	5	dropped out of selection process
Parker - Parking Implementation Strategic Plan	6	not offered
Englewood - Light Rail Corridor Next Steps Study III	7	not offered
RTD - First and Final Mile Strategic Plan	8	not offered
Englewood - Light Rail Corridor Next Steps Study II	9	not offered
Louisville - Parking Structure Study	10	dropped out of selection process

ATTACHMENT C

To: Chair and Members of the Transportation Advisory Committee

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

Meeting Date	Agenda Category	Agenda Item #
November 23, 2015	Information	5

SUBJECT

Draft Freight and Goods Movement component of the new *Metro Vision Regional Transportation Plan (MVRTP)*.

PROPOSED ACTION/RECOMMENDATIONS

N/A

ACTION BY OTHERS

N/A

SUMMARY

DRCOG staff has made significant progress in preparing the new MVRTP. This month we will kick-off a series of discussions with TAC to receive input on draft components. The first discussion item is the preliminary draft of the Freight and Goods Movement component (Attachment 1).

This preliminary draft provides much more information than the freight section of the 2035 MVRTP. Freight and goods movement is receiving greater emphasis at both the federal and state level and it is anticipated this component will evolve to become a Regional Freight Movement Study, a task in DRCOG's *2016-2017 Unified Planning Work Program*.

DRCOG staff has worked closely with CDOT in preparing this preliminary draft. For example, the document uses CDOT's freight movement data for consistency. Staff are also participating on the statewide Freight Advisory Council (FAC) convened by CDOT, and will be seeking the FAC's review and input on a revised draft in early 2016.

DRCOG staff will provide an overview of the preliminary draft of the Freight and Goods Movement component at the November TAC meeting and seek TAC input to further revise the document.

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

N/A

ATTACHMENT

[Draft Freight and Goods Movement component](#) of the new MVRTP

ADDITIONAL INFORMATION

If you need additional information, please contact Jacob Riger, Long Range Transportation Planning Coordinator, at (303) 480-6751 or jriger@drcog.org.

ATTACHMENT D

To: Chair and Members of the Transportation Advisory Committee

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

Meeting Date	Agenda Category	Agenda Item #
November 23, 2015	Information	6

SUBJECT

The Regional Bicycle Network Vision of the new *Metro Vision Regional Transportation Plan (MVRTP)*.

PROPOSED ACTION/RECOMMENDATIONS

N/A

ACTION BY OTHERS

N/A

SUMMARY

Earlier this year, the TAC was notified DRCOG would begin working with bicycle stakeholders and local government staff on a review and update of the Regional Bicycle Corridor System Vision, as depicted in Figure 7 of the *2040 RTP* (attached). The system represents key regional and community corridors of an envisioned regional bicycle system. Some of the corridors are existing facilities (e.g., Boulder Creek Path, C-470 Trail, Montview Boulevard bike lanes, etc.), while other corridors will require new facilities or major upgrades to existing facilities.

The first edition of a Regional Bicycle Corridor System Vision was established in 1998. As a reminder, regional bicycle corridors are somewhat like our interstate highways and regional arterials for automobile travel. They will represent a network of key facilities bicyclists can travel along to make longer trips (i.e., connecting jurisdictions and counties). There will be many hundreds of miles of additional local facilities, not shown on the network, that still provide important connections within communities.

Staff held more than ten meetings across the region this year to obtain input on corridors to update the map to be included in the new MVRTP. In the meetings, staff provided maps showing the existing corridor system vision and added rapid transit stations, transit hubs, and designated Urban Centers to help guide the input. Through the meetings, many more miles were suggested to be added to the current system.

DRCOG staff analyzed the working maps and developed a preliminary draft regional bicycle network vision map (Attachment 2) for discussion. When deciding which corridors to include, staff considered connectivity to key destinations or activity centers, such as:

- designated Urban Centers
- transit stations and park-n-Ride transit hubs
- colleges and universities
- major employment, shopping, recreation and entertainment areas
- downtowns of small cities and rural communities

Additionally, staff recommends eliminating the Community Corridors category and combining the majority of those corridors into the Regional Corridors category.

At the TAC meeting, staff will provide additional details on the preliminary draft regional bicycle network vision map. The existing system identifies approximately 1,640 miles of corridors and the proposed network would include approximately 1,360 miles of facilities. Other maps depicting the compilation of stakeholder proposals received earlier this year will also be shown. Staff desires TAC's initial thoughts regarding the proposed network.

Staff plans to solicit additional comments from stakeholders and the TAC through December 31 and bring the network back to TAC in early 2016 for further action.

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

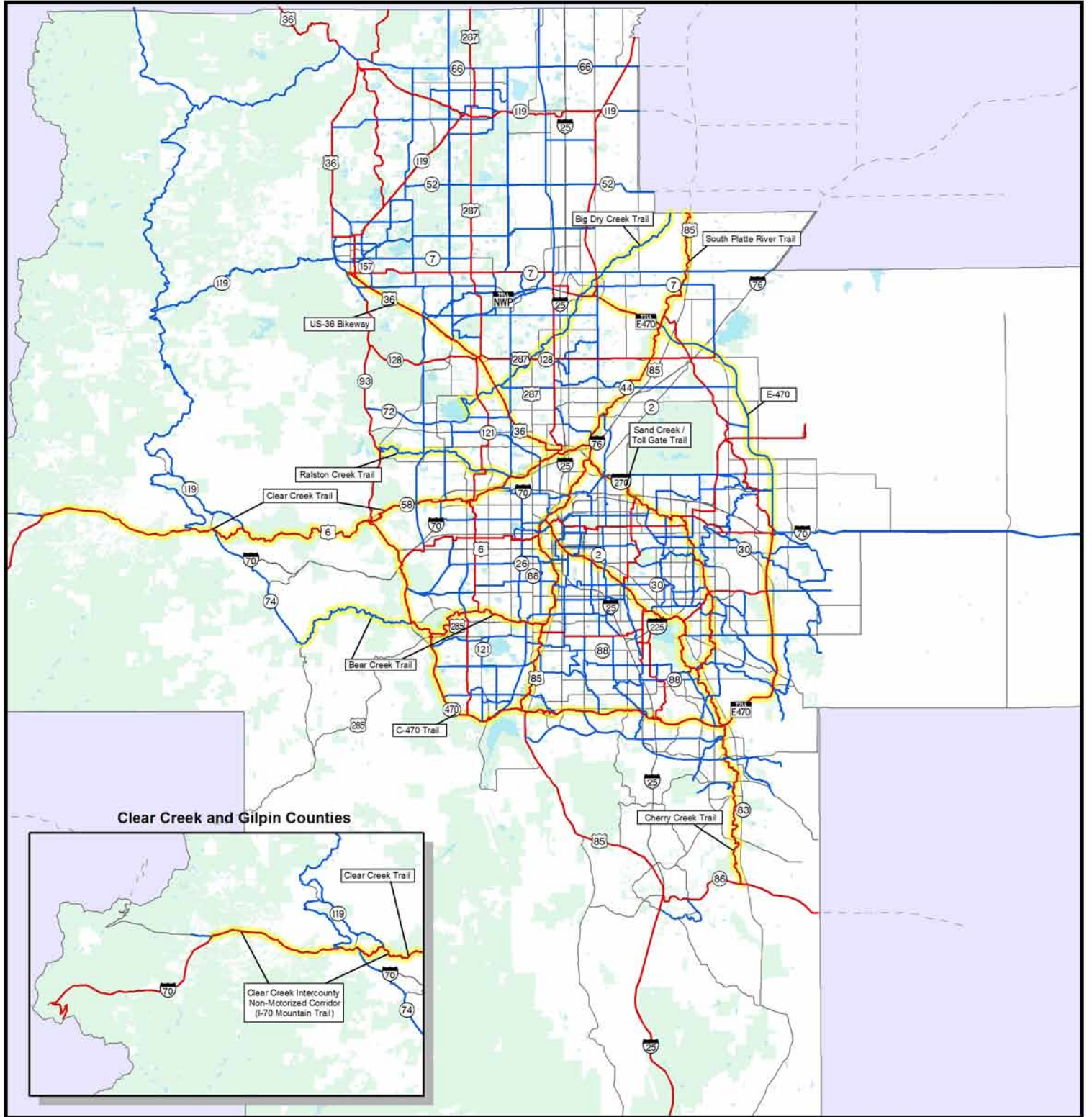
N/A

ATTACHMENTS

1. Figure 7 of 2040 RTP – 2040 Regional Bicycle Corridor System Vision
2. Draft MVRTP Bicycle Network Vision map

ADDITIONAL INFORMATION

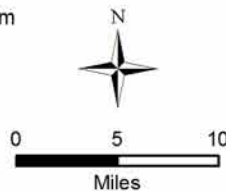
If you need additional information, please contact Melina Dempsey, Transportation Planner, at 303-480-5628 or mdempsey@drcog.org.



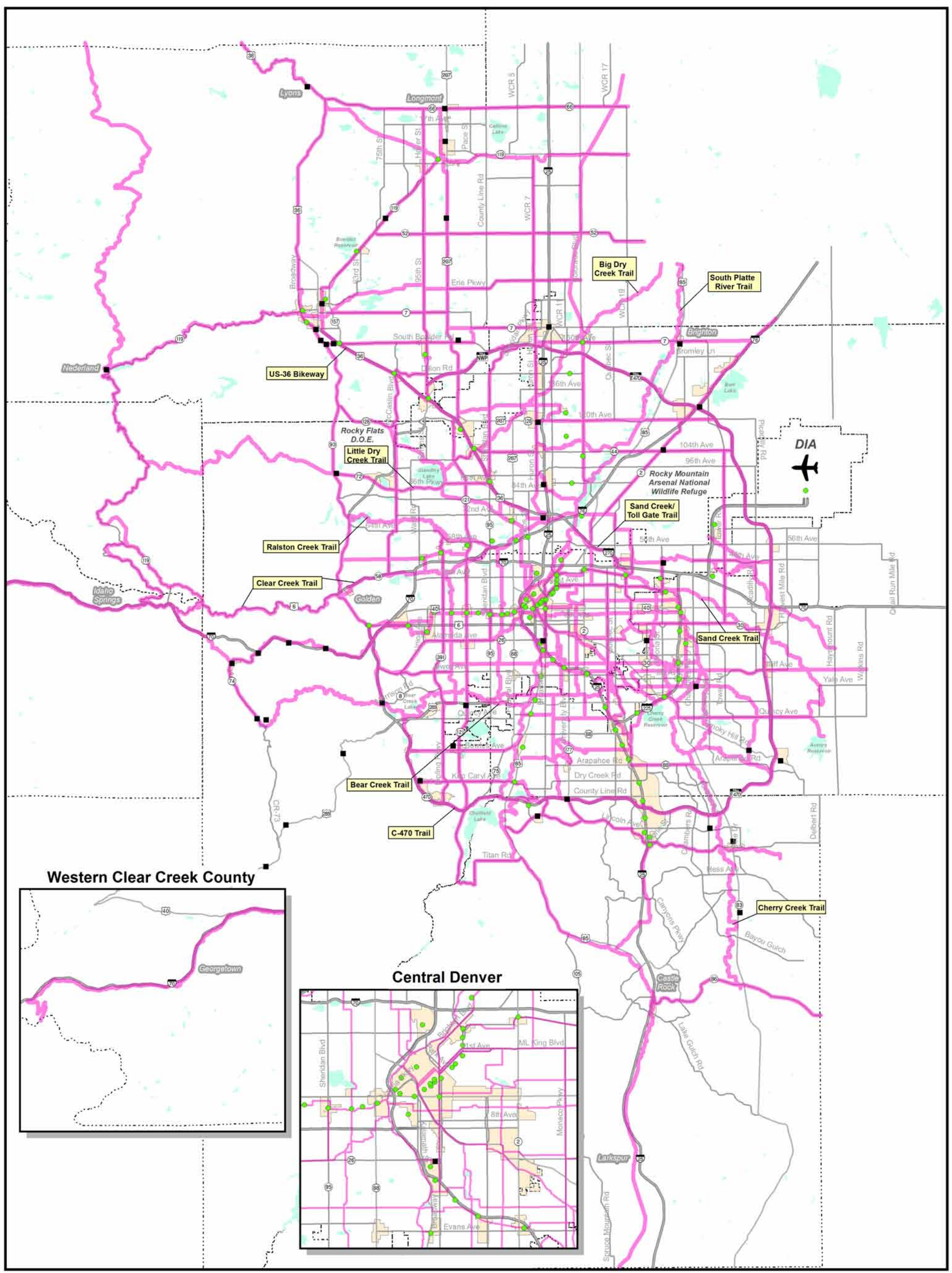
LEGEND

- Regional Corridors
- Community Corridors
- Key Multi-use Trails
- Regional Roadway System
- - - Roads Outside Region
- Lakes and Reservoirs
- Open Space and Parks

Corridors Note: The specific facility representing a corridor may be directly on the route depicted or may be parallel within 1/4 mile. No more than one facility may represent the defined corridor.



SOURCE DATA
Enter all data sources here, included base map information
This data is intended for informational purposes only. DRCOG provides this information on an "as is" basis and makes no guarantee, representation or warranty, either express or implied, that the data will be error free. DRCOG further makes no guarantees, representations or warranties, either express or implied, as to the completeness, accuracy or correctness of the data, or as to merchantability or fitness of the data for a particular use or purpose. DRCOG is not responsible to any user for any costs, expenses, liabilities or damages arising from inconsistencies in its data or from any use of the information.
Projection: State Plane Colorado Central, NAD 83 (feet)



LEGEND

- Regional Corridors
- Urban Centers
- Lakes and Reservoirs
- County Boundaries
- Transit Stations
- Other
- Park and Rides



SOURCE DATA:
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Projection: State Plane Colorado Central, NAD 83 (feet)

Transportation Advisory Committee 2016 Meeting Schedule

Meetings held in 1st Floor Independence Pass conference room
DRCOG, 1290 Broadway, Denver, CO 80203

1:30 PM

Jan 25
Feb 22
Mar 28
Apr 25
May 23
Jun 27
Jul 25
Aug 22
Sep 26
Oct 24
Nov 28
Dec 19*

MEETING TYPICALLY HELD THE 4ST MONDAY OF MONTH,
*EXCEPT AS NOTED

We make life better!

