

Board Officers

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Elise Jones, Vice Chair
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Sue Horn, Immediate Past Chair
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AGENDA

TRANSPORTATION ADVISORY COMMITTEE

Monday, August 24, 2015

1:30 p.m.

1290 Broadway

Independence Pass Board Room - Ground floor, West side

1. Call to Order
2. Public Comment
3. July 27, 2015 TAC Meeting Summary
(Attachment A)

ACTION ITEMS

4. **Discussion on amendments to the 2016-2021 Transportation Improvement Program (TIP).**
(Attachment B)
Todd Cottrell
5. **Discussion on selection protocol for projects not funded in the 2016-2021 Transportation Improvement Program (TIP).**
(Attachment C)
Todd Cottrell

ADMINISTRATIVE ITEMS

6. Member Comment/Other Matters
 - Update on Board review of the 2016-2021 TIP development process
7. Next Meeting – September 28, 2015
8. 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, July 27, 2015

MEMBERS (OR VOTING ALTERNATES) PRESENT:

Kimberly Dall	Adams County-City of Brighton
Jeanne Shreve	Adams County
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
Debra Baskett (Chair)	Broomfield, City and County
Steve Klausing	Business/Economic Development
Jeff Sudmeier (Alternate)	Colorado Dept. of Transportation DTD
David Gaspers	Denver, City and County
Douglas Rex	Denver Regional Council of Governments
John Cotten	Douglas County-City of Lone Tree
Art Griffith	Douglas County
Bob Manwaring	Jefferson County-City of Arvada
Lenna Kottke	Non-RTD Transit
Jim Taylor	Senior
Ken Lloyd	Regional Air Quality Council
Aylene McCallum	TDM/Nonmotor

OTHERS PRESENT:

Kent Moorman (Alternate)	Adams County-City of Thornton
Mac Callison (Alternate)	Arapahoe County – City of Aurora
Danny Herrmann (Alternate)	Colorado Dept. of Transportation Region 1
Tom Reiff (Alternate)	Douglas County
Flo Raitano (Alternate)	Denver Regional Council of Governments
Dave Baskett (Alternate)	Jefferson County-City of Lakewood
Ted Heyd (Alternate)	TDM/Nonmotor
Kate Cooke (Alternate)	Regional Air Quality Council
Tex Elam (Alternate)	Senior/Non-RTD Transit

Public: Mike Skinner, Colorado Asphalt Pavement Assoc.; Kristina Evanoff, CCD; Kayla Costello, Larry Squires, FTA; Kelsey Relph, Infrastructure Engineers; Mike Turner, RTD

DRCOG staff: Steve Cook, Todd Cottrell, Robert Spotts, Matthew Helfant, Casey Collins

Call to Order

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

Public Comments

There were no public comments.

Summary of June 22, 2015 Meeting

The meeting summary was accepted as written.

ACTION ITEMS

Discussion on a waiting list and selection protocol for projects not funded in the 2016-2021 Transportation Improvement Program (TIP).

Todd Cottrell presented a continuation of the discussion from last month's meeting in June. He noted the June TAC was generally in favor of a ranked waiting list, Option 3 (*Assigned DRCOG funding program for each project type*), but requested further discussion on the placement of studies within Option 3.

Discussion on Studies Placement in Waiting List

Mr. Cottrell presented two alternatives for further committee consideration on the placement of studies within Option 3: Alternative A, with an emphasis on implementation of 2040 RTP Projects; and Alternative B, utilizing TIP Second Phase criteria. Staff recommended Alternative A, with studies inserted in a ranked order, just preceding each comparatively-ranked roadway project using STP-Metro (as shown in Attachment 6).

During the discussion, a third alternative was suggested for the committee to consider moving studies to the top of the list, with mixed support and opposition.

Lenna Kottke MOVED to recommend Attachment 4 (Alternative A, ranking of studies based on implementation of 2040 RTP projects) to determine the order of ranking studies. The motion was seconded. The MOTION passed (by voice), with one abstention.

Bob Manwaring MOVED to recommend the waiting list as depicted in Attachment 6 (Option 3-with Alternative A studies incorporated). The motion was seconded.

Chair Baskett called the question. A vote was taken and the motion passed unanimously (18).

Discussion on Waiting List Protocol

Todd Cottrell presented staff's proposal to update Waiting List Protocol language (Attachment 7) to state that sponsors would be notified of funding availability when either \$1 million is available and confirmed by CDOT for DRCOG to reprogram, **or** when the next-in-line project can be funded at 100% of its federal request. It was noted, if any funding is available at end of FY18 (Sept. 30, 2018), regardless of the amount available, an attempt would be made to allocate those funds to waiting list projects.

Several clarifications were made by staff in response to questions:

- The order of funding is based on project rank—if the project's rank order indicates it is next in line for funding, that sponsor would be given "right of first refusal".
- A waiting list project that accepts partial funding remains eligible for more funding in the future.
- If a sponsor declines funding, the project would not fall off the rank list.
- The TIP delay clock starts when funding is accepted and programmed in TIP by the Board.
- TIP projects that are partially funded in First Phase and/or Second Phase are eligible for the waiting list.

Member Comments (Waiting List Protocol):

- Steve Klausing noted the Pool funding protocol is different, as a Pool project sponsor that has accepted partial funding cannot accept further funding. He felt the Pool policy should apply as well to the waiting list policy.
- Heather Balsler felt if sponsors accept partial funding, they should be taken off the list, but she agreed if an eligible sponsor doesn't take funding, they should remain on the waiting list.
- Art Griffith agreed with partially funded projects staying on the list.
 - He said a partially-funded project that says it can continue without further funding should not be able to stay on waiting list.
 - He suggested specific language be included to state if a waiting list project passes on a funding opportunity, it will be allowed to stay at the same place on list for further funding opportunity.
- Steve Klausing asked for clarification on the wording for 2A in the Waiting List Protocol that states: “.... *If the amount of funds available is less than the requested cost of that project, the sponsor will be asked if it would be willing to complete the entire project as submitted for the amount of funds available.*” Mr. Klausing said this is not what is being discussed and should say, to the effect, “the Sponsor agrees to accept partial additional funds applied to its project, but is not expected to complete the entire project with this funding.”
- Steve Klausing felt the waiting list protocol should weigh more towards funding roadway projects, by assuring that if a waiting list roadway project passes on additional funding, this available amount goes to the next eligible roadway project on the list.
- Aylene MacCallum said policies need to be in place prior to TIP application, so that sponsors can strategize on submittals. She said every project application, including studies which were not scored, should be scored.
- Bryan Weimer emphasized adding language to clarify that if a sponsor accepts partial funding, the sponsor's project would not be removed from list or lose its ranking, and would still be eligible for more funding.

Jim Taylor MOVED to table the Waiting List Protocol discussion until next month, as it needs more clarification. It was seconded and passed unanimously.

Staff will review comments received on waiting list protocol for further discussion at next month's meeting.

Discussion on the summary of comments received at the 2016-2021 TIP Open Forum.

Todd Cottrell presented a summary of the comments received at the TIP Open Forum on June 17. The forum was held to review the 2016-2021 TIP process and elicit suggestions to improve the process.

Doug Rex noted a policy-level Board review of the TIP process is scheduled for the August Board meeting. Mr. Rex was requested by Board officers, just prior to this meeting, to have the TAC prepare a list of top issues identified at the Open Forum to provide for the August Board. To begin the process to identify top issues, particularly policy-level issues, Mr. Rex requested TAC's confirmation that the summary accurately reflected the comments received at the Open Forum.

Chair Baskett said this recent Board Officer request changes this TAC discussion from a confirmation of the summary, to identifying and prioritizing TIP process issues for Board review in August.

Art Griffith MOVED to accept the summary of comments received at the June 17 TIP Open Forum (Attachment 1). The motion was seconded.

Some members said they could not accept or endorse the summary, as they did not attend the Open Forum. Art Griffith withdrew the MOTION.

Some observations on the TIP process during the discussion included:

- The TIP process is problematic—we need to get the technical policy and process in place well in advance, and not on an ad-hoc basis, and then integrate with Board policy. Suggested getting TIP workgroup together, technically first, then with the Board. There is a disconnect in the process between what the technical group suggests, and what the Board ultimately does. Board is not as supportive of the technical recommendations as they ought to be, because there are policy considerations that are not part of what the technical group is doing.
- The process gets tweaked every year, but needs to be looked at in-depth. Fundamentally, the TIP is a policy issue first and foremost, then the technical side.
- Suggested requiring a floor-level request amount for projects (except for Very Small Communities), because of the cost of federalizing a project.
- The whole program needs to be reassessed.
- The overall feeling at the Open Forum was that attendees, including staff, were strongly in agreement the TIP process needed to be modified.

After this discussion, Doug Rex said he would advise the Board Officers and Executive Director that the committee would like additional time to identify and prioritize TIP process issues for Board review.

ADMINISTRATIVE ITEMS

Member Comment/Other Matters

Members Jim Taylor (Senior Interests) and Kathleen Osher (Environment Interests) have resigned from TAC.

The meeting adjourned at 3:13 p.m. The next meeting is scheduled for August 24, 2015.

ATTACHMENT B
(Revised August 20, 2015)

To: Chair and Members of the Transportation Advisory Committee

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

Meeting Date	Agenda Category	Agenda Item #
August 24, 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

N/A

SUMMARY

The four 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 contracting with University of Colorado-Denver for the 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 Regional Transportation Committee the September 2015 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:

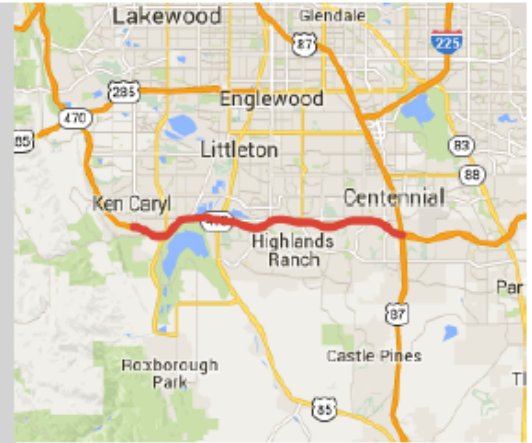
Sponsor: **CDOT Region 1**

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:

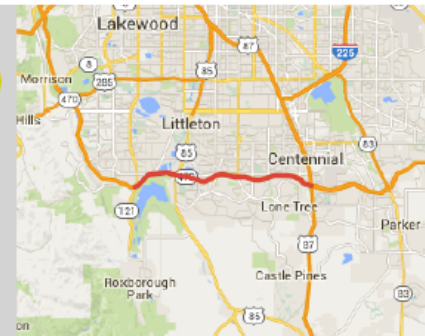
Sponsor: **CDOT Region 1**

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:

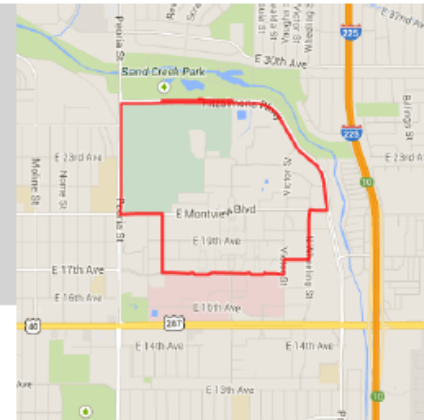
Open to Public: **2016**

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 Transportation Advisory Committee

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

Meeting Date	Agenda Category	Agenda Item #
August 24, 2015	Action	5

SUBJECT

Development of protocol and rank-order waiting list of projects not selected for the *2016-2021 Transportation Improvement Program (TIP)*.

PROPOSED ACTION/RECOMMENDATIONS

Recommendation on the protocol for selecting projects from the waiting list should future funding become available for the *2016-2021 Transportation Improvement Program (TIP)*.

ACTION BY OTHERS

[July 27, 2015 TAC](#) 2016-2021 TIP Waiting List recommended.

SUMMARY

Last month, TAC continued a discussion from June on the waiting list protocol and ranked order lists of projects, ultimately providing a recommendation to MVIC on a waiting list. Option 3 was recommended, with studies ranked considering their relationship to 2040 RTP projects (see Attachment 1). A discussion about the protocol will continue at the August meeting.

Protocol for selecting waiting list projects

The waiting list protocol outlines the procedures to follow if additional funds become available. Staff provided TAC a marked-up draft in July, but after discussion, action was tabled until this month.

Staff reviewed the discussion/questions from last month and provides the following responses for clarification:

- If a sponsor of a project on the waiting list is asked if they would be willing to accept less federal funds than originally requested to complete a project and they accept, should the now partially-funded project remain on the waiting list?

Example: If \$1 million was available, and a sponsor that requested \$2.5 million to complete ranked "project #1," should the project remain on the waiting list in the same position with a \$1.5 million remaining request?

- *Historically, in situations described above, the project would continue to exist on the waiting list in the same ranked position with the remaining balance of the funds requested.*
- If a sponsor of a project on the waiting list is offered the available funding (full or partial) and they decline (project is skipped over), should the project remain on the list or be removed?

Example: If sponsor of “project #1” declines the funding offer, and the money goes to “project #2,” should “project #1” remain on the waiting list for the next round of funding availability?

- *Historically, a skipped project would remain on the waiting list and not be removed.*

Staff has further revised the draft redlined protocol in order to address the discussion at the July meeting (Attachment 2). Additional changes are shown in blue font.

PREVIOUS DISCUSSIONS/ACTIONS

[June 22, 2015 TAC](#)

[July 27, 2015 TAC](#)

PROPOSED MOTION

Move to recommend to the Metro Vision Issues Committee a selection protocol for projects not funded in the *2016-2021 Transportation Improvement Program (TIP)*.

ATTACHMENTS

1. TAC Recommended 2016-2021 TIP Project Waiting List
2. Draft 2016-2021 TIP Waiting List Protocol (Revised)

ADDITIONAL INFORMATION

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

ATTACHMENT 1

July 27, 2015

TAC Recommended - 2016-2021 TIP Project Waiting List

Rank Order by Fund Category							
STP-M	CMAQ and/or TAP	Sponsor	Project Name	ID	TIP Score	Project Type	Funding Request
1 study		Commerce City	88th Ave NEPA Study: I-76 to Hwy 2	CoCy-2014-006	N/A	Studies	\$150
1		Arapahoe County	Iliff Ave Corridor Operational Improvements: Parker Rd to Quebec St (Remaining Amount)	TIP 2016-024	83.8	Operations	\$3,892
2 study		Longmont	SW Longmont Subarea Operations Study	Long-2014-001	N/A	Studies	\$300
2		Douglas County	US-85 Operational Improvements: Blakeland Dr to County Line Rd *	DgCo-2014-005	76.4	Operations	\$15,000
	1	Boulder	N- 30th St/Colorado Ave Bike/Ped Underpass (Remaining Amount)	TIP 2016-035	73.7	B/P	\$1,250
3 study		Commerce City	Vasquez Access Study: I-270 to Hwy 2/US-85	CoCy-2014-005	N/A	Studies	\$180
3		Denver	Martin Luther King Jr Blvd Extension: Havana St to Peoria St (Remaining Amount)	TIP 2016-022	71.5	Capacity	\$1,328
	2	Univ of Col - Boulder	N - 19th Street Trail and Bridge	UoCB-2014-002	70.5	B/P	\$4,798
	3	Boulder	U - SH-157/Foothills Pkwy Underpass at Colorado Ave	Bldr-2014-009	68.3	B/P	\$3,200
	4	Denver	U - South Platte Greenway Access: Iowa Ave RR Underpass to Santa Fe Dr	Denv-2014-024	68	B/P	\$1,704
	5	Denver	U - South Platte Greenway/Cherry Creek Trail: Confluence Bridge Upgrades	Denv-2014-025	68	B/P	\$7,980
	6	Univ of Col - Boulder	N - 19th St and 21st St Bridges and Trails **	UoCB-2014-003	67.6	B/P	\$7,305
	7	Arvada	U - W 57th Ave Sidewalks: Independence St to Balsam St	Arvd-2014-034	67.2	B/P	\$628
	8	Denver	N - Peoria Station Multi Use Path: 39th Ave to 44th Ave	Denv-2014-026	66.9	B/P	\$1,950
	9	Wheat Ridge	N - Kipling St Multi-Use Trail: 32nd Ave to 44th Ave	WhRd-2014-006	66.9	B/P	\$2,240
	10	Denver	U - 1st Ave/Steele St Multimodal Improvements: 1st Ave to Colorado Blvd	Denv-2014-035	66.3	B/P	\$5,254
	11	Lakewood	N - Sheridan Blvd Bike Path: 6th Ave to 10th Ave ***	Lakw-2014-006	66.1	B/P	\$1,920
	12	Denver	N - 38th St/Marion St/Walnut St Multimodal Improvements: Walnut St to Lawrence St/Downing St	Denv-2014-028	65.6	B/P	\$2,131
	13	Boulder	N - Skunk Creek Bike/Ped Underpass at Moorehead Ave	Bldr-2014-002	65.4	B/P	\$2,640
	14	Denver	N - Sheridan Station Sidewalks: 8th to 10th/Colfax to 17th ***	Denv-2014-027	64.7	B/P	\$1,172
	15	Aurora	N - 6th Ave Bike/Ped Facility: Vaughn St to Del Mar Circle	Aura-2014-011	64.2	B/P	\$4,674
4 study		R T D	Regional BRT Feasibility Study (Remaining Amount)	TIP 2016-051	N/A	Studies	\$200
4		Denver	Colfax Ave Transit Enhancements: 7th St near I-25 to Yosemite	Denv-2014-011	63.8	Operations	\$12,004
	16	Arvada	U - Independence St Sidewalks: W 50th Ave to W 57th Ave	Arvd-2014-029	63.1	B/P	\$1,665
	17	Wheat Ridge	N - 32nd Ave Bike Lanes: Sheridan Blvd to Youngfield St	WhRd-2014-007	62.5	B/P	\$4,000
	18	Superior	N - Superior Trail: McCaslin BRT to Davidson Mesa Underpass (Remaining Amount)	TIP 2016-034	62.4	B/P	\$103
	19	Westminster	N - Walnut Creek Trail: 103rd Ave to 106th Ave	West-2014-003	62	B/P	\$8,280
	20	Boulder	U - SH-157/Foothills Pkwy Bike/Ped Underpass at Sioux Dr	Bldr-2014-010	61.2	B/P	\$3,440
	21	Lone Tree	N - Lincoln Ave Pedestrian Bridge: West of Heritage Hill Circle	Ltre-2014-001	59	B/P	\$1,500
	22	Arvada	N - Ridge/Reno Rd Mixed-use Trail: Garrison St to Allison St	Arvd-2014-018	58.7	B/P	\$1,442
5 study		Parker	Parker Road Transportation and Land Use Plan	Park-2014-005	N/A	Studies	\$125
5		Denver	56th Ave Widening: Chambers Rd to Pena Blvd	Denv-2014-012	58.3	Capacity	\$9,800
	23	Boulder County	N - Butte Mill Multimodal Connection: Valmont Path to Arapahoe Rd Transit	BICo-2014-007	57.9	B/P	\$312
	24	Denver	N - 38th/Blake Station: 35th St Multimodal Improvements: Wazee St to S Platte Greenway Trail	Denv-2014-030	57.9	B/P	\$3,479
	25	Boulder County	N - Williams Fork Trail Multi-use Path	BICo-2014-008	57.8	B/P	\$632
6 study		R T D	83L Enhancements: Downtown Civic Center to Nine Mile	RTD-2014-006	N/A	Studies	\$800
6		Douglas County	County Line Rd: Phillips Ave to University Blvd Capacity Improvements	DgCo-2014-001	57.4	Capacity	\$6,000
7 study		Lakewood	Wadsworth: Ohio Ave to 285 PEL	Lakw-2014-004	N/A	Studies	\$1,600
7		Aurora	Parker Rd/Quincy Ave/Smoky Hill Rd Operational Improvements	Aura-2014-005	56.9	Operations	\$4,492
	26	Boulder	N - 28th St/US-36: Fourmile Canyon to Yarmouth Ave Multi-Use Path	Bldr-2014-005	55.2	B/P	\$4,880
8 study		Longmont	Design: Oligarchy Ditch Trail/Main St Underpass: Mountain View Ave to 21st Ave	Long-2014-007	N/A	Studies	\$160
8		Lakewood	Alameda Ave Operational Improvements: Vance St to Pierce St	Lakw-2014-007	55	Operations	\$1,150
9		Thornton	104th Ave Widening: Grandview Ponds to S Platte River	Thor-2014-001	54.2	Capacity	\$8,040
	27	Boulder	N - Table Mesa Dr Bike/Ped Underpass	Bldr-2014-001	54	B/P	\$3,840
	10	Westminster	Sheridan Blvd Operational Improvements: 87th Ave to US-36	West-2014-001	53.3	Operations	\$5,600
	11	Aurora	Airport Blvd-Buckley Rd/Alameda Pkwy Intersection Operational Improvements	Aura-2014-006	53.1	Operations	\$1,664
	12	Louisville	Hwy 42/96th St Corridor Operational Improvements: Pine St to S Boulder Rd	Lou-2014-003	53	Operations	\$8,837
	28	Arvada	U - W 60th Ave Bike/Ped Facilities: Tennyson St to Sheridan Blvd	Arvd-2014-030	52.8	B/P	\$1,378
	29	Arvada	N - W 52nd Ave Bike/Ped Facilities: Marshall St to Vance St	Arvd-2014-004	52.2	B/P	\$687
	30	Arapahoe County	N - Yale Ave/Holly St/Highline Canal Trail Pedestrian and Roadway Improvements	ApCo-2014-009	51.5	B/P	\$1,470
13		Lafayette	South Boulder Rd and 119th/120th St Operational Improvements	Lafa-2014-007	50.5	Operations	\$2,665
14		Commerce City	88th Ave Widening: I-76 to Hwy 2	CoCy-2014-003	50	Capacity	\$28,809
	31	Parker	N - Parker Road Sidewalk Connection: Twenty Mile Road to Indian Pipe Ln	Park-2014-003	49	B/P	\$541
15		Arvada	SH-72 at W 72nd Ave Intersection Operational Improvements	Arvd-2014-002	49	Operations	\$5,406
	32	Arvada	N - Little Dry Creek Bike/Ped Grade Separation	Arvd-2014-017	48.7	B/P	\$2,873
	33	Denver	U - High Line Canal Trail Underpass: Parker Rd and Mississippi Ave	Denv-2014-033	48.6	B/P	\$3,201
	34	Nederland	N - Middle Boulder Creek Bridge Project	Nedl-2014-002	48.1	B/P	\$726
	35	Boulder	N - Bear Creek Canyon Bike/Ped Underpass	Bldr-2014-003	47.5	B/P	\$4,480
16		Louisville	Highway 42/96th St Corridor Operational Improvements: Lock St to Pine St	Lou-2014-001	46.5	Operations	\$4,178
	36	Boulder	N - Fourmile Canyon Creek: 19th St to Violet Ave Bike/Ped Facilities	Bldr-2014-006	46.4	B/P	\$5,298
17		Aurora	6th Ave/Pkwy Extension: Liverpool St to E-470	Aura-2014-008	45.3	Capacity	\$13,918
18		Louisville	Hwy 42/96th St Corridor Operational Improvements: S Boulder Rd to Paschal Dr	Lou-2014-004	44.6	Operations	\$4,840
19		Denver	Quebec St Operational Improvements: Sandown Rd/40th Ave to I-70	Denv-2014-022	44.4	Operations	\$4,290
20		Castle Rock	Plum Creek Pkwy and Wilcox St Intersection Operational Improvements	CRck-2014-003	43.4	Operations	\$1,730
21		Aurora	Peoria St Operational Improvements: Fitzsimons Pkwy to North of Sand Creek	Aura-2014-007	43	Operations	\$11,874
	37	Arvada	N - Alkire St Pedestrian Bridge	Arvd-2014-001	42.8	B/P	\$2,039
	38	Erie	N - Coal Creek Extension: Reliance Park to Erie Village	Erie-2014-009	39.4	B/P	\$1,480
	39	Erie	N - Coal Creek Trail Extension: Reliance Park to Kenosha Rd	Erie-2014-003	36.5	B/P	\$1,840
	40	Nederland	U - Lakeview Dr/SH-72 Intersection Operational Improvements	Nedl-2014-001	35.9	B/P	\$467
	41	Longmont	N - County Line Rd Bike Shoulders: 9th Ave to SH-66	Long-2014-006	34.5	B/P	\$1,360
22		Castle Rock	Founders Pkwy and Crowfoot Valley Rd Intersection Operational Improvements	CRck-2014-002	34.4	Operations	\$2,042
	42	Lyons	N - US36 (Broadway) and SH-7 (5th Ave) Bike/Ped Facilities	Lyon-2014-001	34.1	B/P	\$1,309
	43	Westminster	U - 72nd Ave Sidewalk Reconstruct: Stuart St to Xavier St	West-2014-002	33.6	B/P	\$3,360
	44	Jefferson County	N - 32nd Ave Bike/Ped Facilities: Alkire St to Eldridge St	JfCo-2014-002	31.1	B/P	\$1,113
23		Erie	County Line Road Operational Improvements: Bonnel Ave to Erie Pkwy	Erie-2014-001	31	Operations	\$3,240
24		Erie	County Line Road Operational Improvements: Erie Pkwy to Telleen Ave	Erie-2014-002	30	Operations	\$2,640
25		Lafayette	Hwy 7 and 119th St Operational Improvements	Lafa-2014-006	29.9	Operations	\$1,510
	45	Boulder County	N - Isabelle Rd Shoulders: N 95th St to N 109th St	BICo-2014-002	26.4	B/P	\$1,418
	46	Erie	U - Pedestrian Underpass at Coal Creek Crossing	Erie-2014-007	25	B/P	\$320
26		Erie	County Line Road Operational Improvements: Telleen Ave to Evans St	Erie-2014-004	24	Operations	\$2,200
	47	Erie	N - County Line Road Bike Shoulders: Evans St to SH-52	Erie-2014-005	20.6	B/P	\$1,760
	48	Jefferson County	N - McIntyre St Bike/Ped Facilities: 32nd Ave to SH-58	JfCo-2014-003	20.4	B/P	\$824

* Lower scoring duplicative capacity project was removed

** Project contains complete scope of other UC-Boulder project

*** Requested funding reflects adjustment after receiving CDOT Region 1 controlled federal TAP funding

ATTACHMENT 2

2016-2021 TIP Waiting List Protocol

(Revised from July 17, 2015 Draft Language)

If additional funds become available in the first three years of the TIP (FY 2016-2018), DRCOG staff will initiate the process to allocate funds to waiting list projects as described below. first contact sponsors to try to advance (move forward) projects. Additional funding that becomes available in FY2019 will be rolled over and included with the Call for Projects in the next TIP. This protocol does not apply to any TIP set-asides, pool programs, or projects not on the waiting list.

When DRCOG staff is informed of additional funds, the following steps will be followed:

1. Obtain official verification from CDOT of availability of funds.
- ~~1-2.~~ When either a) \$1 million is accrued within one of the two specific funding program categories (STP-Metro or CMAQ/TAP) or b) an amount equal to 100% of the next-in-line (top-ranked) project funding request is accrued, staff will first contact sponsors of projects already in the TIP to try to advance project phases. Staff will then sSelect projects in order from the waiting list(s) included in Appendix E of the 2016-2021 TIP to the limit of applicable funds available.
 - a. Contact the sponsor of the top ranked project on the waiting list, by funding category to determine the sponsor's interest in being selected. If the amount of funds available is less than the requested cost of that project, the sponsor will be asked if it would be willing to complete the entire project as submitted for the amount of funds available. Projects that accept partial funding will remain on the list. If the response is no, or if all the available funds have not been fully allocated, DRCOG staff will proceed to the next project on the waiting list. Sponsors that request to be passed over on the funding opportunity will remain on the waiting list.
 - b. At the end of FY 2018 (September 30, 2018), even if less than \$1 million has accrued within a funding category, staff will go down the wait list in accordance with section 2.a. above to allocate available funds.
- ~~2-3.~~ Recommend projects to be programmed and take them through the committee process to the Board as TIP Amendments.