

Board Officers

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AGENDA

TRANSPORTATION ADVISORY COMMITTEE

Monday, June 22, 2015

1:30 p.m.

1290 Broadway

Independence Pass Board Room - Ground floor, West side

1. Call to Order
2. Public Comment
3. May 18, 2015 TAC Meeting Summary
(Attachment A)

ACTION ITEMS

4. **Move to recommend to the Regional Transportation Committee amendments to the 2016-2021 Transportation Improvement Program (TIP).**
(Attachment B)
Todd Cottrell
5. **Move to recommend to the Regional Transportation Committee the draft FY2016-FY2017 Unified Planning Work Program (UPWP).**
(Attachment C)
Douglas Rex
6. **Move to recommend to the Metro Vision Issues Committee a waiting list and selection protocol for projects not funded in the 2016-2021 Transportation Improvement Program (TIP).**
(Attachment D)
Todd Cottrell

ADMINISTRATIVE ITEMS

7. Member Comment/Other Matters
8. Next Meeting – July 27, 2015
9. 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 TRANSPORTATION ADVISORY COMMITTEE Monday, May 18, 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 Interests |
| George Gerstle | Boulder County |
| Debra Baskett (Chair) | Broomfield, City and County |
| Paul Jesaitis (Alternate) | Colorado Dept. of Transportation, Reg. 1 |
| Douglas Rex | Denver Regional Council of Governments |
| Tom Reiff (Alternate) | Douglas County-Town of Castle Rock |
| Bob Manwaring | Jefferson County-City of Arvada |
| Steve Durian | Jefferson County |
| Bert Weaver | Non MPO Area |
| 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 |
| Bill Haas (Ex Officio) | Federal Highway Administration |
| Dave Baskett (Alternate) | Jefferson County-City of Lakewood |
| Kate Cooke (Alternate) | Regional Air Quality Council |

Public: Danny Herrmann, CDOT Reg. 1; Lisa Edington, John Yu, Denver Public Works-Transportation;
Matt MacLachlan, Denver Public Works-Capital Projects; Mark Westberg, City of Wheat Ridge

DRCOG staff: Steve Cook, Todd Cottrell, Jacob Riger, Greg MacKinnon, Mark Northrop, Will Soper,
Matthew Helfant, Casey Collins

Call to Order

Chair Debra Baskett called the meeting to order at 1:32 p.m.

Public Comments

There were no public comments.

Summary of April 27, 2015 Meeting

The meeting summary was accepted as written.

INFORMATIONAL ITEMS

Discussion on 2016/2017 Unified Planning Work Program (UPWP).

Todd Cottrell presented *Section IV: Federal Urban Transportation Planning Program Activity Descriptions* of the draft UPWP for committee review and comment on the work plan.

Member comments:

Activity 1.1 – Direct Program Management

- Debra Baskett and George Gerstle encouraged DRCOG to coordinate efforts to communicate with neighboring counties and MPOs regarding major transportation corridors (e.g., North I-25).
 - Steve Cook noted staff will do this in association with specific corridors studies and PELs and asked local government staff to let us know of certain topics when they need to be addressed.

Activity 3.2 – Metro Vision Regional Transportation Plan

- Dave Baskett highlighted the importance of completing the Regional Freight Movement Study. Debra asked if the document would also consider railroads.
 - Staff noted it would, and that DRCOG would work with motor carriers and railroads.

Activity 3.4 – Pedestrian and Bicycle Planning

- Debra Baskett asked if the *Active Transportation Plan* referenced is a new product.
 - Staff confirmed it will essentially be a major update to the previous *Pedestrian and Bicycle Element* plan document.
- Regarding the 4th bullet, Aylene McCallum asked how often staff provides assistance to local governments regarding pedestrian and bicycle planning topics or projects.
 - Steve Cook said assistance is provided a few times a year.

Activity 4.1 – Transportation Improvement Program

- Mac Callison asked if staff would be conducting the “post mortem” review of the process used for the 2016-2021 TIP.
 - Todd Cottrell confirmed the review forum date has already been set for June 17, 2015.
- Jeanne Shreve asked that CDOT work with DRCOG staff and local governments to streamline the contracting process associated with TIP funded projects.

Activity 4.2 – Performance Measure Reporting

- Bryan Weimer asked how the performance measure tasks of Activity 4.2 would interact with funding decisions, MAP-21 measures, and the proposed foundational measures of Metro Vision.
 - Steve Cook and Bill Hass, FHWA, noted future decisions can consider results of performance monitoring, but the outcome of those decisions, and how the measures will specifically be considered, is not known at this time.

Activity 6.1 - Regional Transit/Human Service Transportation Planning and Coordination

- George Gerstle suggested modifying to denote the roles for local coordinating councils (LCCs) and the process for RTD to coordinate with the LCCs and transit partners to identify projects for funding with FTA 5307 dollars. The coordinated transit plan should identify types of specialized transit projects (e.g., previously funded through the former FTA New Freedom and Job Access/Reverse Commute Programs) RTD should consider funding with FTA 5307 Program dollars.
 - Steve Cook and Jacob Riger verified the eligibility of these types of transit activities and noted RTD and LCCs will be cooperatively involved with the preparation of the new Transit Element documentation.
 - Bill Sirois, RTD, said he could bring back additional information regarding the 5307 Program.
 - Other TAC members concurred with George Gerstle (Debra Baskett, Tex Elam)

Activity 6.3 – RTD and CDOT Local Government Planning Process

Activity 6.4 – RTD Strategic Business Plan

- Bill Sirois noted the document referred to in Activities 6.3. and 6.4 should be titled *RTD Strategic Budget Plan* instead of *RTD Strategic Business Plan*.
- Debra Baskett asked what specific efforts are conducted by RTD and CDOT to incorporate local government input, besides the “4-P County Hearings.”
 - Examples noted were the CDOT Telephone Town Hall meetings, and the RTD Local Government meetings.

Activity 6.6 - Park-n-Ride Planning and Transit-Oriented Development (TOD)

- Bill Sirois noted the 5th bullet, “Refine RTD design guidelines to reflect TOD policy goals”, should be removed, as it will have already been completed.

Activity 7.3 – Transportation Modeling and Forecasting

- Mac Callison asked when the new FOCUS travel demand model will be available to local governments and/or consultants, or will DRCOG staff be ready to assist local governments by conducting model runs.
 - Doug Rex noted the Focus model is available and staff is willing to help with its use on local projects.

Briefing on FHWA Supercircular

Steve Cook introduced Bill Haas, FHWA, who presented on federal funding requirement changes as contained in the Supercircular (effective date Dec. 26, 2014). The Supercircular (2CFR200 updated version 2013) streamlines language from eight Federal OMB circulars. It includes additional requirements for DOTs and local agencies. Significant changes were noted in 3 areas:

1. Period of Performance

- Local agencies must establish a project’s period of performance start and **end date** and include it in the Federal award.
- Local agencies may charge to the Federal award only allowable costs incurred during the period of performance.

Can the project end date be updated or changed after the execution of the project agreement?

- Yes; however, the extension of a project end date would have to reflect a delay in the project which is beyond the control of the local agency or based on changes to the project agreement which would have an impact on the project end date (e.g., change in project scope).
- Any extension or modification to the project end date would have to be authorized by the FHWA.

2. Project Closeout

- The local agency must submit, no later than 90 calendar days after the end date of the period of performance, all financial, performance, and other reports as required by the terms and conditions of the Federal award.
- All final reimbursements must be made within this 90 day period.
- After the 90 day period is over, FHWA will have one year to close out the project in their system.

Impact to Local Agencies

- Costs can only be incurred within the start and end date.
- Determination of the “period of performance” will be based on CDOT’s established policies, procedure, and project schedules with FHWA concurrence
- Project end date may be adjusted if agreed to by the awarding agency
- FHWA may exercise unilateral authority to close projects in its financial management system if the local agency fails to comply with project closeout requirements

3. Evaluation of Subrecipient's Risk

- CDOT must evaluate the risk of each local agency's ability to effectively deliver the project. The risk framework is being developed. CDOT intends to engage the MPOs and TPRs in developing an acceptable process for assessing subrecipient risk. This will occur in late March/April.

Possible Evaluation Factors

- Prior experience with the local agency (billings and program compliance).
- Results of previous audits/reviews from CDOT Audit, FHWA and/or the agencies Single Audit (A-133).
- Agency staff turnover or have implemented new systems.
- Agency attends technical training on program related matters.
- Review of inactive project lists.

Questions on the Supercircular should be directed to Steve Markovetz, CDOT Local Agency Area Engineer.

ADMINISTRATIVE ITEMS

Member Comment/Other Matters

The meeting adjourned at 2:22 p.m. The next meeting is scheduled for June 22, 2015.

ATTACHMENT B

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 # |
|---------------|-----------------|---------------|
| June 22, 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 Preparation Policy](#).

ACTION BY OTHERS

N/A

SUMMARY

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 with the State Implementation Plan for Air Quality.

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

Move to recommend to the Regional Transportation Committee 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.

2007-055: Change project name, limits, scope and increase funds to accurately reflect project information

Existing

Title: **FasTracks North Metro: Denver Union Station to 72nd Ave**

Project Type: **Rapid Transit**

TIP-ID: **2007-055**

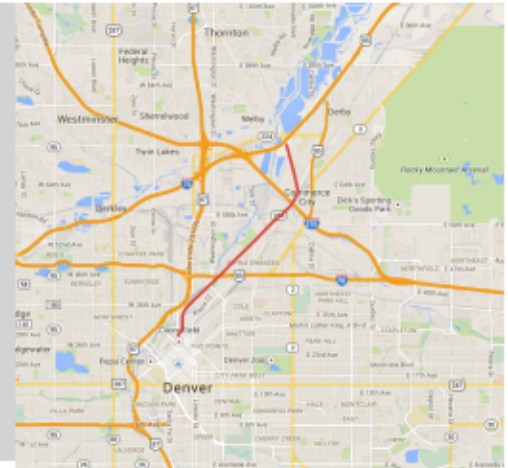
STIP-ID: **SST7015.008**

Open to Public: **2020**

Sponsor: **R T D**

Project Scope

Commuter rail corridor from Denver Union Station to 72nd Ave. Alignment generally follows the BNSF rail alignment to near 54th Ave, then further north it joins the UPRR Boulder Branch ROW. Future funds are anticipated expenditures from 2018-2035, and may not represent total build out costs.



| Affected Municipality(ies) | Affected County(ies) |
|----------------------------|----------------------|
| Commerce City | Adams |
| Denver | Denver |

| 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 (RTD) | | \$172,484 | \$84,690 | \$4,740 | \$0 | \$0 | | |
| Total | \$157,680 | \$172,484 | \$84,690 | \$4,740 | \$0 | \$0 | \$0 | \$419,594 |

Revised

Title: **FasTracks North Metro: Denver Union Station to Eastlake / 124th Ave** Project Type: **Rapid Transit**

TIP-ID: **2007-055**

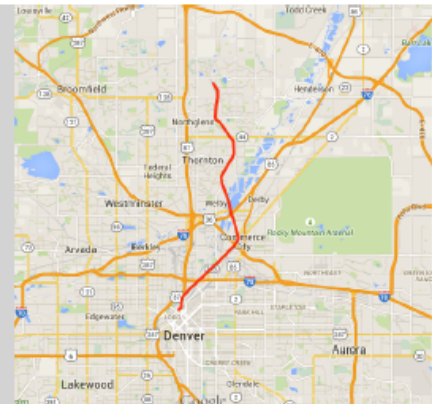
STIP-ID: **SST7015.008**

Open to Public: **2020**

Sponsor: **R T D**

Project Scope

Commuter rail corridor from Denver Union Station to the Eastlake / 124th Ave Station in Thornton and generally follows the UP Boulder Branch right-of-way.



| Affected Municipality(ies) | Affected County(ies) |
|----------------------------|----------------------|
| Commerce City | Adams |
| Denver | Denver |
| Northglenn | |
| Thornton | |
| Unincorporated | |

| 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 (RTD) | | \$252,627 | \$147,367 | \$14,248 | \$0 | \$0 | | |
| Total | \$283,988 | \$252,627 | \$147,367 | \$14,248 | \$0 | \$0 | \$0 | \$698,230 |

2007-059: Revise funding table to accurately reflect committed funds

Existing

Title: **FasTracks Southeast Corridor Extension: Lincoln Ave to RidgeGate Pkwy** Project Type: **Rapid Transit**

TIP-ID: **2007-059**

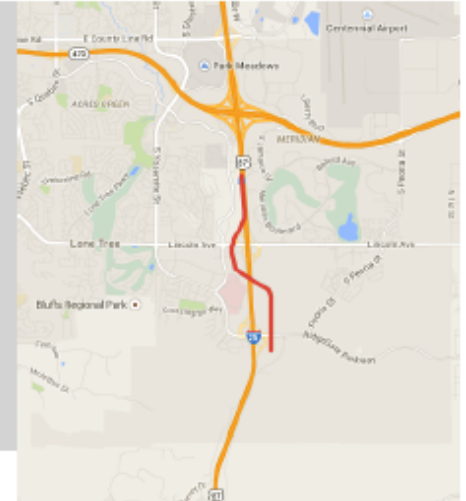
STIP-ID: **SST7015**

Open to Public: **2019**

Sponsor: **R T D**

Project Scope

Extend Southeast Corridor LRT from Lincoln Ave to RidgeGate Pkwy Station in the City of Lone Tree.



| Affected Municipality(ies) | Affected County(ies) |
|----------------------------|----------------------|
| Lone Tree | Douglas |

| Amounts in \$1,000s | Prior Funding | FY16 | FY17 | FY18 | FY19 | FY20-21 | Future Funding | Total Funding |
|---------------------|-----------------|------------------|------------------|-----------------|----------------|------------|----------------|------------------|
| Federal | | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Federal (5309S) | | \$92,000 | \$42,706 | \$25,942 | \$1,141 | \$0 | | |
| State | | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Local | | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Local (RTD) | | \$43,190 | \$58,614 | \$29,872 | \$1,315 | \$0 | | |
| Total | \$39,379 | \$135,190 | \$101,320 | \$55,814 | \$2,456 | \$0 | \$0 | \$334,159 |

Revised

| Amounts in \$1,000s | Prior Funding | FY16 | FY17 | FY18 | FY19 | FY20-21 | Future Funding | Total Funding |
|---------------------|---|---|---|-----------------|----------------|------------|----------------|--|
| Federal | | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Federal (5309S) | | \$92,000 | \$0 | \$0 | \$0 | \$0 | | |
| State | | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Local | | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Local (RTD) | | \$0 | \$45,010 | \$55,814 | \$2,456 | \$0 | | |
| Total | <b style="background-color: yellow;">\$36,182 | <b style="background-color: yellow;">\$92,000 | <b style="background-color: yellow;">\$45,010 | \$55,814 | \$2,456 | \$0 | \$0 | <b style="background-color: yellow;">\$231,462 |

2016-003: Update project scope and increase project funds to be consistent with the STIP. The Bridge Enterprise (BE) funds represent funds included in the prior FY 12-17 STIP as well as the estimated construction expenditures associated with a long-term payment stream of BE revenues. Additional funding will be added to the TIP once funding sources have been secured.

Existing

Title: **I-70 East Reconstruction**

Project Type: **Roadway Reconstruction**

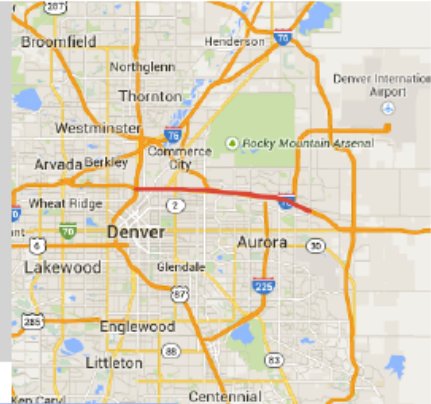
TIP-ID: **2016-003**

STIP-ID:

Open to Public:

Sponsor: **CDOT Region 1**

Project Scope
Project reconstructs portions of I-70 East in Denver.



| Affected Municipality(ies) | Affected County(ies) |
|----------------------------|----------------------|
| Denver | Denver |

| Amounts in \$1,000s | Prior Funding | FY16 | FY17 | FY18 | FY19 | FY20-21 | Future Funding | Total Funding |
|---------------------|---------------|----------------|------------------|----------------|-----------------|------------|----------------|------------------|
| Federal | | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Federal (CMAQ) | | \$0 | \$6,000 | \$3,000 | \$16,000 | \$0 | | |
| State | | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| State (FASTER-B) | | \$8,080 | \$752,170 | \$0 | \$0 | \$0 | | |
| Local | | \$0 | \$1,500 | \$750 | \$4,000 | \$0 | | |
| Total | \$0 | \$8,080 | \$759,670 | \$3,750 | \$20,000 | \$0 | \$0 | \$791,500 |

Revised

Title: **I-70 East Reconstruction**

Project Type: **Roadway Reconstruction**

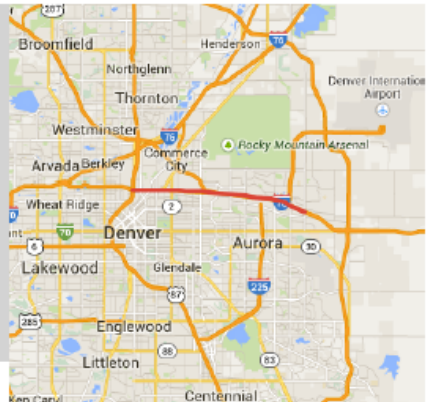
TIP-ID: **2016-003**

STIP-ID:

Open to Public:

Sponsor: **CDOT Region 1**

Project Scope
Replace the I-70 Viaduct, including the addition of one managed lane in each direction to the east termini to be determined in NEPA.



| Affected Municipality(ies) | Affected County(ies) |
|----------------------------|----------------------|
| Denver | Denver |

| Amounts in \$1,000s | Prior Funding | FY16 | FY17 | FY18 | FY19 | FY20-21 | Future Funding | Total Funding |
|---------------------|-----------------|------------------|------------------|------------------|------------------|-----------------|------------------|--------------------|
| Federal | | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Federal (CMAQ) | | \$0 | \$6,000 | \$3,000 | \$16,000 | \$25,000 | | |
| State | | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| State (FASTER-B) | | \$175,000 | \$200,000 | \$200,000 | \$200,000 | \$0 | | |
| Local | | \$0 | \$0 | \$0 | \$0 | \$0 | | |
| Total | \$75,000 | \$175,000 | \$206,000 | \$203,000 | \$216,000 | \$25,000 | \$272,000 | \$1,172,000 |

ATTACHMENT C

To: Chair and Members of the Transportation Advisory Committee

From: Doug Rex, Director, Transportation and Operations Division
303 480-6747 or drex@drcoq.org

| Meeting Date | Agenda Category | Agenda Item # |
|---------------|-----------------|---------------|
| June 22, 2015 | Action | 5 |

SUBJECT

The *FY2016-FY2017 Unified Planning Work Program for the Denver Region* is the MPO's work program for the next two federal fiscal years.

PROPOSED ACTION/RECOMMENDATIONS

Recommend to the Regional Transportation Committee the draft *FY2016-FY2017 Unified Planning Work Program for the Denver Region*

ACTION BY OTHERS

N/A

SUMMARY

The Unified Planning Work Program (UPWP) is a federally-required document that outlines the planning tasks and activities to be conducted within the region with federal transportation planning funds. The document also lists other major planning activities performed by local governments and partner agencies.

The new *FY2016-FY2017 UPWP*, outlines activities to be conducted from October 1, 2015 through September 30, 2017, and was prepared with input from CDOT, RTD, and local government staff.

Priorities over the next two years include:

- Complete a MAP-21 compliant Metropolitan Planning Agreement between DRCOG, CDOT and RTD
- Complete an update to the *Prospectus, Transportation Planning in the Denver Area*
- Prepare an update to the *Public Involvement in Regional Transportation Planning* document
- Prepare report on status and impacts of DRCOG transportation planning and programming with environmental justice
- Complete the *Metro Vision Update* (including the *2040 Metro Vision Regional Transportation Plan*); track progress on performance measures
- Conduct a regional freight movement study
- Develop a regional active transportation plan
- Urban Growth Boundary/Area (UGB/A) update
- Maintain the TIP and develop MAP-21 compliant reporting
- Maintain the transportation operations program
- Develop safety reports (traffic, as well as a pedestrian and bicycle report)
- Update the *Coordinated Public Transit-Human Services Transportation Plan*
- Coordinate the *2016 Denver Regional Aerial Photography Project*
- Maintain and enhance land use and transportation forecasting models

DRCOG staff has revised several activities (3.2, 4.1, 6.1, 6.3. and 6.4) within Chapter IV of the draft UPWP in response to comments received from TAC members at the May meeting. Revised language is highlighted.

PREVIOUS DISCUSSIONS/ACTIONS

[TAC - May 15, 2015](#)

PROPOSED MOTION

Move to recommend to the Regional Transportation Committee the draft *FY2016-FY2017 Unified Planning Work Program* (UPWP).

ATTACHMENT

[Draft FY2016-2017 Unified Planning Work Program](#) (UPWP)

ADDITIONAL INFORMATION

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

ATTACHMENT D

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 # |
|---------------|-----------------|---------------|
| June 22, 2015 | Action | 6 |

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 protocol and a waiting list of projects not selected for funding in the *2016-2021 Transportation Improvement Program (TIP)*.

ACTION BY OTHERS

N/A

SUMMARY

Appendix E of the adopted [2016-2021 Transportation Improvement Program \(TIP\)](#) contains a placeholder for the project waiting list protocol and a listing of the projects eligible to be funded if additional funds become available. There are nearly \$300 million worth of TIP project requests currently eligible for the waiting list. These projects had all applied for the TIP, but were not selected for funding. During the 4-year TIP cycle, it's impossible to know if additional funding may become available, and from what specific federal funding program. The protocol and ranked listing of projects provide official guidance for programming additional funds to projects, if they become available.

Protocol

The adopted 2016-2021 TIP Policy states very broadly what will happen if additional funds become available, but does not provide specific details. Appendix E of the adopted 2016-2021 TIP (when amended) will include additional details. Staff's proposed draft of the waiting list protocol is contained in Attachment 1.

Ranked Order List of Projects

To start the discussion, staff developed three base options on how a ranked order waiting list may be constructed.

- Options 1 and 2 are based on the maximum flexibility of the three federal funding program categories (STP-Metro, CMAQ-Congestion Mitigation/Air Quality, and TAP-Transportation Alternatives Program). However, eligibility rules for funding programs must still be followed; e.g., TAP funds cannot be used for a roadway capacity project, etc.
- Option 3 would assign the funding programs to specific project types.

Option 1 - Blend all projects by score order.

1. All projects that were scored are rank-listed in score order.
2. Studies are placed at the end of the list since they were not scored and are ranked by funding request (i.e., lowest to highest).

Option 2 – Rotation by project type.

1. All projects are listed and ranked by rotating project types. The proposed rotating order for selection is Studies, Bike/Ped, Operational, and then Capacity, repeating until funds are exhausted.
2. Within each project type, projects were ranked by score order except Studies, which were ranked by lowest funding request first.

Option 3 – Assigned DRCOG funding program for each project type.

This option is the most similar to how past TIP waiting lists were prepared.

1. This option uses the same “blended” ordering of projects as Option 1.
2. The ranking is dependent on which project type is eligible for the specific funding program for which dollars become available. The suggested funding programs to assign to each project type are as follows:
 1. Bike/Ped: CMAQ and TAP
 2. Roadway Operational: STP-Metro
 3. Roadway Capacity: STP-Metro
 4. Studies: STP-Metro

The three options above are not exclusive. Additional questions related to the options may include:

- Should the waiting list be limited by project score? A minimum of 50 points?
- Should additional criteria be used?
- Should studies have a different priority? (since they were not scored)

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

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

ATTACHMENTS

1. Waiting List Protocols
Project Waiting Lists
2. Option 1
3. Option 2
4. Option 3

ADDITIONAL INFORMATION

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

ATTACHMENT 1

2016-2021 TIP Waiting List Protocol

If additional funds become available in the first three years of the TIP (2016-2018), DRCOG staff will 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.

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

1. Obtain official verification from CDOT of availability of funds.
2. Select 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 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. If the response is no, or if all the available funds have not been used up, DRCOG staff will proceed to the next project on the waiting list.
3. Recommend projects to be programmed and take them through the committee process to the Board as TIP Amendments.

Option 1 (Blend Project Types, Rank by Score) - 2016-2021

| Rank Number | Sponsor | Project Name | ID | TIP Score | Project Type | Funding Request |
|-------------|-----------------------|--|---------------|-----------|--------------|-----------------|
| 1 | Arapahoe County | Iliff Ave Corridor Operational Improvements: Parker Rd to Quebec St (Remaining Amount) | TIP 2016-024 | 83.8 | Operations | \$3,892 |
| 2 | Douglas County | US-85 Operational Improvements: Blakeland Dr to County Line Rd * | DgCo-2014-005 | 76.4 | Operations | \$15,000 |
| 3 | Boulder | N- 30th St/Colorado Ave Bike/Ped Underpass (Remaining Amount) | TIP 2016-035 | 73.7 | B/P | \$1,250 |
| 4 | Denver | Martin Luther King Jr Blvd Extension: Havana St to Peoria St (Remaining Amount) | TIP 2016-022 | 71.5 | Capacity | \$1,328 |
| 5 | Univ of Col - Boulder | N - 19th Street Trail and Bridge | UoCB-2014-002 | 70.5 | B/P | \$4,798 |
| 6 | Boulder | U - SH-157/Foothills Pkwy Underpass at Colorado Ave | Bldr-2014-009 | 68.3 | B/P | \$3,200 |
| 7 | Denver | U - South Platte Greenway Access: Iowa Ave RR Underpass to Santa Fe Dr | Denv-2014-024 | 68 | B/P | \$1,704 |
| 8 | Denver | U - South Platte Greenway/Cherry Creek Trail: Confluence Bridge Upgrades | Denv-2014-025 | 68 | B/P | \$7,980 |
| 9 | Univ of Col - Boulder | N - 19th St and 21st St Bridges and Trails ** | UoCB-2014-003 | 67.6 | B/P | \$7,305 |
| 10 | Arvada | U - W 57th Ave Sidewalks: Independence St to Balsam St | Arvd-2014-034 | 67.2 | B/P | \$628 |
| 11 | Denver | N - Peoria Station Multi Use Path: 39th Ave to 44th Ave | Denv-2014-026 | 66.9 | B/P | \$1,950 |
| 12 | Wheat Ridge | N - Kipling St Multi-Use Trail: 32nd Ave to 44th Ave | WhRd-2014-006 | 66.9 | B/P | \$2,240 |
| 13 | Denver | U - 1st Ave/Steele St Multimodal Improvements: 1st Ave to Colorado Blvd | Denv-2014-035 | 66.3 | B/P | \$5,254 |
| 14 | Lakewood | N - Sheridan Blvd Bike Path: 6th Ave to 10th Ave *** | Lakw-2014-006 | 66.1 | B/P | \$1,920 |
| 15 | 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 |
| 16 | Boulder | N - Skunk Creek Bike/Ped Underpass at Moorehead Ave | Bldr-2014-002 | 65.4 | B/P | \$2,640 |
| 17 | Denver | N - Sheridan Station Sidewalks: 8th to 10th/Colfax to 17th *** | Denv-2014-027 | 64.7 | B/P | \$1,172 |
| 18 | Aurora | N - 6th Ave Bike/Ped Facility: Vaughn St to Del Mar Circle | Aura-2014-011 | 64.2 | B/P | \$4,674 |
| 19 | Denver | Colfax Ave Transit Enhancements: 7th St near I-25 to Yosemite | Denv-2014-011 | 63.8 | Operations | \$12,004 |
| 20 | Arvada | U - Independence St Sidewalks: W 50th Ave to W 57th Ave | Arvd-2014-029 | 63.1 | B/P | \$1,665 |
| 21 | Wheat Ridge | N - 32nd Ave Bike Lanes: Sheridan Blvd to Youngfield St | WhRd-2014-007 | 62.5 | B/P | \$4,000 |
| 22 | Superior | N - Superior Trail: McCaslin BRT to Davidson Mesa Underpass (Remaining Amount) | TIP 2016-034 | 62.4 | B/P | \$103 |
| 23 | Westminster | N - Walnut Creek Trail: 103rd Ave to 106th Ave | West-2014-003 | 62 | B/P | \$8,280 |
| 24 | Boulder | U - SH-157/Foothills Pkwy Bike/Ped Underpass at Sioux Dr | Bldr-2014-010 | 61.2 | B/P | \$3,440 |
| 25 | Lone Tree | N - Lincoln Ave Pedestrian Bridge: West of Heritage Hill Circle | Ltre-2014-001 | 59 | B/P | \$1,500 |
| 26 | Arvada | N - Ridge/Reno Rd Mixed-use Trail: Garrison St to Allison St | Arvd-2014-018 | 58.7 | B/P | \$1,442 |
| 27 | Denver | 56th Ave Widening: Chambers Rd to Pena Blvd | Denv-2014-012 | 58.3 | Capacity | \$9,800 |
| 28 | Boulder County | N - Butte Mill Multimodal Connection: Valmont Path to Arapahoe Rd Transit | BICo-2014-007 | 57.9 | B/P | \$312 |
| 29 | 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 |
| 30 | Boulder County | N - Williams Fork Trail Multi-use Path | BICo-2014-008 | 57.8 | B/P | \$632 |
| 31 | Douglas County | County Line Rd: Phillips Ave to University Blvd Capacity Improvements | DgCo-2014-001 | 57.4 | Capacity | \$6,000 |
| 32 | Aurora | Parker Rd/Quincy Ave/Smoky Hill Rd Operational Improvements | Aura-2014-005 | 56.9 | Operations | \$4,492 |
| 33 | Boulder | N - 28th St/US-36: Fourmile Canyon to Yarmouth Ave Multi-Use Path | Bldr-2014-005 | 55.2 | B/P | \$4,880 |
| 34 | Lakewood | Alameda Ave Operational Improvements: Vance St to Pierce St | Lakw-2014-007 | 55 | Operations | \$1,150 |
| 35 | Thornton | 104th Ave Widening: Grandview Ponds to S Platte River | Thor-2014-001 | 54.2 | Capacity | \$8,040 |
| 36 | Boulder | N - Table Mesa Dr Bike/Ped Underpass | Bldr-2014-001 | 54 | B/P | \$3,840 |
| 37 | Westminster | Sheridan Blvd Operational Improvements: 87th Ave to US-36 | West-2014-001 | 53.3 | Operations | \$5,600 |
| 38 | Aurora | Airport Blvd-Buckley Rd/Alameda Pkwy Intersection Operational Improvements | Aura-2014-006 | 53.1 | Operations | \$1,664 |
| 39 | Louisville | Hwy 42/96th St Corridor Operational Improvements: Pine St to S Boulder Rd | Lou-2014-003 | 53 | Operations | \$8,837 |
| 40 | Arvada | U - W 60th Ave Bike/Ped Facilities: Tennyson St to Sheridan Blvd | Arvd-2014-030 | 52.8 | B/P | \$1,378 |
| 41 | Arvada | N - W 52nd Ave Bike/Ped Facilities: Marshall St to Vance St | Arvd-2014-004 | 52.2 | B/P | \$687 |
| 42 | Arapahoe County | N - Yale Ave/Holly St/Highline Canal Trail Pedestrian and Roadway Improvements | ApCo-2014-009 | 51.5 | B/P | \$1,470 |
| 43 | Lafayette | South Boulder Rd and 119th/120th St Operational Improvements | Lafa-2014-007 | 50.5 | Operations | \$2,665 |
| 44 | Commerce City | 88th Ave Widening: I-76 to Hwy 2 | CoCy-2014-003 | 50 | Capacity | \$28,809 |
| 45 | Parker | N - Parker Road Sidewalk Connection: Twenty Mile Road to Indian Pipe Ln | Park-2014-003 | 49 | B/P | \$541 |
| 46 | Arvada | SH-72 at W 72nd Ave Intersection Operational Improvements | Arvd-2014-002 | 49 | Operations | \$5,406 |
| 47 | Arvada | N - Little Dry Creek Bike/Ped Grade Separation | Arvd-2014-017 | 48.7 | B/P | \$2,873 |
| 48 | Denver | U - High Line Canal Trail Underpass: Parker Rd and Mississippi Ave | Denv-2014-033 | 48.6 | B/P | \$3,201 |
| 49 | Nederland | N - Middle Boulder Creek Bridge Project | Nedl-2014-002 | 48.1 | B/P | \$726 |
| 50 | Boulder | N - Bear Creek Canyon Bike/Ped Underpass | Bldr-2014-003 | 47.5 | B/P | \$4,480 |
| 51 | Louisville | Highway 42/96th St Corridor Operational Improvements: Lock St to Pine St | Lou-2014-001 | 46.5 | Operations | \$4,178 |
| 52 | Boulder | N - Fourmile Canyon Creek: 19th St to Violet Ave Bike/Ped Facilities | Bldr-2014-006 | 46.4 | B/P | \$5,298 |
| 53 | Aurora | 6th Ave/Pkwy Extension: Liverpool St to E-470 | Aura-2014-008 | 45.3 | Capacity | \$13,918 |
| 54 | Louisville | Hwy 42/96th St Corridor Operational Improvements: S Boulder Rd to Paschal Dr | Lou-2014-004 | 44.6 | Operations | \$4,840 |
| 55 | Denver | Quebec St Operational Improvements: Sandown Rd/40th Ave to I-70 | Denv-2014-022 | 44.4 | Operations | \$4,290 |
| 56 | Castle Rock | Plum Creek Pkwy and Wilcox St Intersection Operational Improvements | CRck-2014-003 | 43.4 | Operations | \$1,730 |
| 57 | Aurora | Peoria St Operational Improvements: Fitzsimons Pkwy to North of Sand Creek | Aura-2014-007 | 43 | Operations | \$11,874 |
| 58 | Arvada | N - Alkire St Pedestrian Bridge | Arvd-2014-001 | 42.8 | B/P | \$2,039 |
| 59 | Erie | N - Coal Creek Extension: Reliance Park to Erie Village | Erie-2014-009 | 39.4 | B/P | \$1,480 |
| 60 | Erie | N - Coal Creek Trail Extension: Reliance Park to Kenosha Rd | Erie-2014-003 | 36.5 | B/P | \$1,840 |
| 61 | Nederland | U - Lakeview Dr/SH-72 Intersection Operational Improvements | Nedl-2014-001 | 35.9 | B/P | \$467 |
| 62 | Longmont | N - County Line Rd Bike Shoulders: 9th Ave to SH-66 | Long-2014-006 | 34.5 | B/P | \$1,360 |
| 63 | Castle Rock | Founders Pkwy and Crowfoot Valley Rd Intersection Operational Improvements | CRck-2014-002 | 34.4 | Operations | \$2,042 |
| 64 | Lyons | N - US36 (Broadway) and SH-7 (5th Ave) Bike/Ped Facilities | Lyon-2014-001 | 34.1 | B/P | \$1,309 |
| 65 | Westminster | U - 72nd Ave Sidewalk Reconstruct: Stuart St to Xavier St | West-2014-002 | 33.6 | B/P | \$3,360 |
| 66 | Jefferson County | N - 32nd Ave Bike/Ped Facilities: Alkire St to Eldridge St | JfCo-2014-002 | 31.1 | B/P | \$1,113 |
| 67 | Erie | County Line Road Operational Improvements: Bonnel Ave to Erie Pkwy | Erie-2014-001 | 31 | Operations | \$3,240 |
| 68 | Erie | County Line Road Operational Improvements: Erie Pkwy to Telleen Ave | Erie-2014-002 | 30 | Operations | \$2,640 |
| 69 | Lafayette | Hwy 7 and 119th St Operational Improvements | Lafa-2014-006 | 29.9 | Operations | \$1,510 |
| 70 | Boulder County | N - Isabelle Rd Shoulders: N 95th St to N 109th St | BICo-2014-002 | 26.4 | B/P | \$1,418 |
| 71 | Erie | U - Pedestrian Underpass at Coal Creek Crossing | Erie-2014-007 | 25 | B/P | \$320 |
| 72 | Erie | County Line Road Operational Improvements: Telleen Ave to Evans St | Erie-2014-004 | 24 | Operations | \$2,200 |
| 73 | Erie | N - County Line Road Bike Shoulders: Evans St to SH-52 | Erie-2014-005 | 20.6 | B/P | \$1,760 |
| 74 | Jefferson County | N - McIntyre St Bike/Ped Facilities: 32nd Ave to SH-58 | JfCo-2014-003 | 20.4 | B/P | \$824 |
| 75 | Parker | Parker Road Transportation and Land Use Plan | Park-2014-005 | N/A | Studies | \$125 |
| 76 | Commerce City | 88th Ave NEPA Study: I-76 to Hwy 2 | CoCy-2014-006 | N/A | Studies | \$150 |
| 77 | Longmont | Design: Oligarchy Ditch Trail/Main St Underpass: Mountain View Ave to 21st Ave | Long-2014-007 | N/A | Studies | \$160 |
| 78 | Commerce City | Vasquez Access Study: I-270 to Hwy 2/US-85 | CoCy-2014-005 | N/A | Studies | \$180 |
| 79 | R T D | Regional BRT Feasibility Study (Remaining Amount) | TIP 2016-051 | N/A | Studies | \$200 |
| 80 | Longmont | SW Longmont Subarea Operations Study | Long-2014-001 | N/A | Studies | \$300 |
| 81 | R T D | 83L Enhancements: Downtown Civic Center to Nine Mile | RTD-2014-006 | N/A | Studies | \$800 |
| 82 | Lakewood | Wadsworth: Ohio Ave to 285 PEL | Lakw-2014-004 | N/A | Studies | \$1,600 |

* Lower scoring duplicative capacity project was removed

** Project contains complete scope of project rank number 5

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

Option 2 (Ranking Rotated by Project Type) - 2016-2021 TIP Project Waiting List

| Rank Order | Sponsor | Project Name | ID | TIP Score | Project Type | Funding Request |
|------------|-----------------------|--|---------------|-----------|--------------|-----------------|
| 1 | Parker | Parker Road Transportation and Land Use Plan | Park-2014-005 | N/A | Studies | \$125 |
| 2 | Boulder | N- 30th St/Colorado Ave Bike/Ped Underpass (Remaining Amount) | TIP 2016-035 | 73.7 | B/P | \$1,250 |
| 3 | Arapahoe County | Iliff Ave Corridor Operational Improvements: Parker Rd to Quebec St (Remaining Amount) | TIP 2016-024 | 83.8 | Operations | \$3,892 |
| 4 | Denver | Martin Luther King Jr Blvd Extension: Havana St to Peoria St (Remaining Amount) | TIP 2016-022 | 71.5 | Capacity | \$1,328 |
| 5 | Commerce City | 88th Ave NEPA Study: I-76 to Hwy 2 | CoCy-2014-006 | N/A | Studies | \$150 |
| 6 | Univ of Col - Boulder | N - 19th Street Trail and Bridge | UoCB-2014-002 | 70.5 | B/P | \$4,798 |
| 7 | Douglas County | US-85 Operational Improvements: Blakeland Dr to County Line Rd * | DgCo-2014-005 | 76.4 | Operations | \$15,000 |
| 8 | Denver | 56th Ave Widening: Chambers Rd to Pena Blvd | Denv-2014-012 | 58.3 | Capacity | \$9,800 |
| 9 | Longmont | Design: Oligarchy Ditch Trail/Main St Underpass: Mountain View Ave to 21st Ave | Long-2014-007 | N/A | Studies | \$160 |
| 10 | Boulder | U - SH-157/Foothills Pkwy Underpass at Colorado Ave | BlDr-2014-009 | 68.3 | B/P | \$3,200 |
| 11 | Denver | Colfax Ave Transit Enhancements: 7th St near I-25 to Yosemite | Denv-2014-011 | 63.8 | Operations | \$12,004 |
| 12 | Douglas County | County Line Rd: Phillips Ave to University Blvd Capacity Improvements | DgCo-2014-001 | 57.4 | Capacity | \$6,000 |
| 13 | Commerce City | Vasquez Access Study: I-270 to Hwy 2/US-85 | CoCy-2014-005 | N/A | Studies | \$180 |
| 14 | Denver | U - South Platte Greenway Access: Iowa Ave RR Underpass to Santa Fe Dr | Denv-2014-024 | 68 | B/P | \$1,704 |
| 15 | Aurora | Parker Rd/Quincy Ave/Smoky Hill Rd Operational Improvements | Aura-2014-005 | 56.9 | Operations | \$4,492 |
| 16 | Thornton | 104th Ave Widening: Grandview Ponds to S Platte River | Thor-2014-001 | 54.2 | Capacity | \$8,040 |
| 17 | R T D | Regional BRT Feasibility Study (Remaining Amount) | TIP 2016-051 | N/A | Studies | \$200 |
| 18 | Denver | U - South Platte Greenway/Cherry Creek Trail: Confluence Bridge Upgrades | Denv-2014-025 | 68 | B/P | \$7,980 |
| 19 | Lakewood | Alameda Ave Operational Improvements: Vance St to Pierce St | Lakw-2014-007 | 55 | Operations | \$1,150 |
| 20 | Commerce City | 88th Ave Widening: I-76 to Hwy 2 | CoCy-2014-003 | 50 | Capacity | \$28,809 |
| 21 | Longmont | SW Longmont Subarea Operations Study | Long-2014-001 | N/A | Studies | \$300 |
| 22 | Univ of Col - Boulder | N - 19th St and 21st St Bridges and Trails ** | UoCB-2014-003 | 67.6 | B/P | \$7,305 |
| 23 | Westminster | Sheridan Blvd Operational Improvements: 87th Ave to US-36 | West-2014-001 | 53.3 | Operations | \$5,600 |
| 24 | Aurora | 6th Ave/Pkwy Extension: Liverpool St to E-470 | Aura-2014-008 | 45.3 | Capacity | \$13,918 |
| 25 | R T D | 83L Enhancements: Downtown Civic Center to Nine Mile | RTD-2014-006 | N/A | Studies | \$800 |
| 26 | Arvada | U - W 57th Ave Sidewalks: Independence St to Balsam St | Arvd-2014-034 | 67.2 | B/P | \$628 |
| 27 | Aurora | Airport Blvd-Buckley Rd/Alameda Pkwy Intersection Operational Improvements | Aura-2014-006 | 53.1 | Operations | \$1,664 |
| 28 | Lakewood | Wadsworth: Ohio Ave to 285 PEL | Lakw-2014-004 | N/A | Studies | \$1,600 |
| 29 | Denver | N - Peoria Station Multi Use Path: 39th Ave to 44th Ave | Denv-2014-026 | 66.9 | B/P | \$1,950 |
| 30 | Louisville | Hwy 42/96th St Corridor Operational Improvements: Pine St to S Boulder Rd | Lou-2014-003 | 53 | Operations | \$8,837 |
| 31 | Wheat Ridge | N - Kipling St Multi-Use Trail: 32nd Ave to 44th Ave | WhRd-2014-006 | 66.9 | B/P | \$2,240 |
| 32 | Lafayette | South Boulder Rd and 119th/120th St Operational Improvements | Lafa-2014-007 | 50.5 | Operations | \$2,665 |
| 33 | Denver | U - 1st Ave/Steele St Multimodal Improvements: 1st Ave to Colorado Blvd | Denv-2014-035 | 66.3 | B/P | \$5,254 |
| 34 | Arvada | SH-72 at W 72nd Ave Intersection Operational Improvements | Arvd-2014-002 | 49 | Operations | \$5,406 |
| 35 | Lakewood | N - Sheridan Blvd Bike Path: 6th Ave to 10th Ave *** | Lakw-2014-006 | 66.1 | B/P | \$1,920 |
| 36 | Louisville | Highway 42/96th St Corridor Operational Improvements: Lock St to Pine St | Lou-2014-001 | 46.5 | Operations | \$4,178 |
| 37 | 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 |
| 38 | Louisville | Hwy 42/96th St Corridor Operational Improvements: S Boulder Rd to Paschal Dr | Lou-2014-004 | 44.6 | Operations | \$4,840 |
| 39 | Boulder | N - Skunk Creek Bike/Ped Underpass at Moorehead Ave | BlDr-2014-002 | 65.4 | B/P | \$2,640 |
| 40 | Denver | Quebec St Operational Improvements: Sandown Rd/40th Ave to I-70 | Denv-2014-022 | 44.4 | Operations | \$4,290 |
| 41 | Denver | N - Sheridan Station Sidewalks: 8th to 10th/Colfax to 17th *** | Denv-2014-027 | 64.7 | B/P | \$1,172 |
| 42 | Castle Rock | Plum Creek Pkwy and Wilcox St Intersection Operational Improvements | CRck-2014-003 | 43.4 | Operations | \$1,730 |
| 43 | Aurora | N - 6th Ave Bike/Ped Facility: Vaughn St to Del Mar Circle | Aura-2014-011 | 64.2 | B/P | \$4,674 |
| 44 | Aurora | Peoria St Operational Improvements: Fitzsimons Pkwy to North of Sand Creek | Aura-2014-007 | 43 | Operations | \$11,874 |
| 45 | Arvada | U - Independence St Sidewalks: W 50th Ave to W 57th Ave | Arvd-2014-029 | 63.1 | B/P | \$1,665 |
| 46 | Castle Rock | Founders Pkwy and Crowfoot Valley Rd Intersection Operational Improvements | CRck-2014-002 | 34.4 | Operations | \$2,042 |
| 47 | Wheat Ridge | N - 32nd Ave Bike Lanes: Sheridan Blvd to Youngfield St | WhRd-2014-007 | 62.5 | B/P | \$4,000 |
| 48 | Erie | County Line Road Operational Improvements: Bonnel Ave to Erie Pkwy | Erie-2014-001 | 31 | Operations | \$3,240 |
| 49 | Superior | N - Superior Trail: McCaslin BRT to Davidson Mesa Underpass (Remaining Amount) | TIP 2016-034 | 62.4 | B/P | \$103 |
| 50 | Erie | County Line Road Operational Improvements: Erie Pkwy to Telleen Ave | Erie-2014-002 | 30 | Operations | \$2,640 |
| 51 | Westminster | N - Walnut Creek Trail: 103rd Ave to 106th Ave | West-2014-003 | 62 | B/P | \$8,280 |
| 52 | Lafayette | Hwy 7 and 119th St Operational Improvements | Lafa-2014-006 | 29.9 | Operations | \$1,510 |
| 53 | Boulder | U - SH-157/Foothills Pkwy Bike/Ped Underpass at Sioux Dr | BlDr-2014-010 | 61.2 | B/P | \$3,440 |
| 54 | Erie | County Line Road Operational Improvements: Telleen Ave to Evans St | Erie-2014-004 | 24 | Operations | \$2,200 |
| 55 | Lone Tree | N - Lincoln Ave Pedestrian Bridge: West of Heritage Hill Circle | Ltre-2014-001 | 59 | B/P | \$1,500 |
| 56 | Arvada | N - Ridge/Reno Rd Mixed-use Trail: Garrison St to Allison St | Arvd-2014-018 | 58.7 | B/P | \$1,442 |
| 57 | Boulder County | N - Butte Mill Multimodal Connection: Valmont Path to Arapahoe Rd Transit | BIco-2014-007 | 57.9 | B/P | \$312 |
| 58 | 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 |
| 59 | Boulder County | N - Williams Fork Trail Multi-use Path | BIco-2014-008 | 57.8 | B/P | \$632 |
| 60 | Boulder | N - 28th St/US-36: Fourmile Canyon to Yarmouth Ave Multi-Use Path | BlDr-2014-005 | 55.2 | B/P | \$4,880 |
| 61 | Boulder | N - Table Mesa Dr Bike/Ped Underpass | BlDr-2014-001 | 54 | B/P | \$3,840 |
| 62 | Arvada | U - W 60th Ave Bike/Ped Facilities: Tennyson St to Sheridan Blvd | Arvd-2014-030 | 52.8 | B/P | \$1,378 |
| 63 | Arvada | N - W 52nd Ave Bike/Ped Facilities: Marshall St to Vance St | Arvd-2014-004 | 52.2 | B/P | \$687 |
| 64 | Arapahoe County | N - Yale Ave/Holly St/Highline Canal Trail Pedestrian and Roadway Improvements | ApCo-2014-009 | 51.5 | B/P | \$1,470 |
| 65 | Parker | N - Parker Road Sidewalk Connection: Twenty Mile Road to Indian Pipe Ln | Park-2014-003 | 49 | B/P | \$541 |
| 66 | Arvada | N - Little Dry Creek Bike/Ped Grade Separation | Arvd-2014-017 | 48.7 | B/P | \$2,873 |
| 67 | Denver | U - High Line Canal Trail Underpass: Parker Rd and Mississippi Ave | Denv-2014-033 | 48.6 | B/P | \$3,201 |
| 68 | Nederland | N - Middle Boulder Creek Bridge Project | Nedl-2014-002 | 48.1 | B/P | \$726 |
| 69 | Boulder | N - Bear Creek Canyon Bike/Ped Underpass | BlDr-2014-003 | 47.5 | B/P | \$4,480 |
| 70 | Boulder | N - Fourmile Canyon Creek: 19th St to Violet Ave Bike/Ped Facilities | BlDr-2014-006 | 46.4 | B/P | \$5,298 |
| 71 | Arvada | N - Alkire St Pedestrian Bridge | Arvd-2014-001 | 42.8 | B/P | \$2,039 |
| 72 | Erie | N - Coal Creek Extension: Reliance Park to Erie Village | Erie-2014-009 | 39.4 | B/P | \$1,480 |
| 73 | Erie | N - Coal Creek Trail Extension: Reliance Park to Kenosha Rd | Erie-2014-003 | 36.5 | B/P | \$1,840 |
| 74 | Nederland | U - Lakeview Dr/SH-72 Intersection Operational Improvements | Nedl-2014-001 | 35.9 | B/P | \$467 |
| 75 | Longmont | N - County Line Rd Bike Shoulders: 9th Ave to SH-66 | Long-2014-006 | 34.5 | B/P | \$1,360 |
| 76 | Lyons | N - US36 (Broadway) and SH-7 (5th Ave) Bike/Ped Facilities | Lyon-2014-001 | 34.1 | B/P | \$1,309 |
| 77 | Westminster | U - 72nd Ave Sidewalk Reconstruct: Stuart St to Xavier St | West-2014-002 | 33.6 | B/P | \$3,360 |
| 78 | Jefferson County | N - 32nd Ave Bike/Ped Facilities: Alkire St to Eldridge St | JfCo-2014-002 | 31.1 | B/P | \$1,113 |
| 79 | Boulder County | N - Isabelle Rd Shoulders: N 95th St to N 109th St | BIco-2014-002 | 26.4 | B/P | \$1,418 |
| 80 | Erie | U - Pedestrian Underpass at Coal Creek Crossing | Erie-2014-007 | 25 | B/P | \$320 |
| 81 | Erie | N - County Line Road Bike Shoulders: Evans St to SH-52 | Erie-2014-005 | 20.6 | B/P | \$1,760 |
| 82 | 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 project rank number 6

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

Option 3 (Assign Funding Program to Project Types) - 2016-2021 TIP Project Waiting List

| Rank Order | | Sponsor | Project Name | ID | TIP Score | Project Type | Funding Request |
|------------|-----------------|-----------------------|--|---------------|-----------|--------------|-----------------|
| STP-M | CMAQ and/or TAP | | | | | | |
| 1 | | Arapahoe County | Iliff Ave Corridor Operational Improvements: Parker Rd to Quebec St (Remaining Amount) | TIP 2016-024 | 83.8 | Operations | \$3,892 |
| 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 | | 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 | | 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 | | 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 | | Douglas County | County Line Rd: Phillips Ave to University Blvd Capacity Improvements | DgCo-2014-001 | 57.4 | Capacity | \$6,000 |
| 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 | | 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 |
| 27 | | Parker | Parker Road Transportation and Land Use Plan | Park-2014-005 | N/A | Studies | \$125 |
| 28 | | Commerce City | 88th Ave NEPA Study: I-76 to Hwy 2 | CoCy-2014-006 | N/A | Studies | \$150 |
| 29 | | Longmont | Design: Oligarchy Ditch Trail/Main St Underpass: Mountain View Ave to 21st Ave | Long-2014-007 | N/A | Studies | \$160 |
| 30 | | Commerce City | Vasquez Access Study: I-270 to Hwy 2/US-85 | CoCy-2014-005 | N/A | Studies | \$180 |
| 31 | | R T D | Regional BRT Feasibility Study (Remaining Amount) | TIP 2016-051 | N/A | Studies | \$200 |
| 32 | | Longmont | SW Longmont Subarea Operations Study | Long-2014-001 | N/A | Studies | \$300 |
| 33 | | R T D | 83L Enhancements: Downtown Civic Center to Nine Mile | RTD-2014-006 | N/A | Studies | \$800 |
| 34 | | Lakewood | Wadsworth: Ohio Ave to 285 PEL | Lakw-2014-004 | N/A | Studies | \$1,600 |

* 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