

ATTACHMENT 1

To: TIP Notification List
From: Douglas W. Rex, Executive Director
Subject: **November 2019 Administrative Modifications to the 2020-2023
Transportation Improvement Program**
Date: November 20, 2019

SUMMARY

- Per the DRCOG Board-adopted [2020-2023 TIP Policy](#), administrative modifications to the [2020-2023 TIP](#) are reviewed and processed by staff. They are emailed to the TIP Notification List, and posted on the [DRCOG 2020-2023 TIP web page](#).
- The TIP Notification List includes the members of the DRCOG Regional Transportation Committee, the Transportation Advisory Committee, TIP project sponsors, staffs of various federal and state agencies, and other interested parties. The notification via email is sent when Administrative Modifications have been made to the 2020-2023 TIP. If you wish to be removed from the TIP Notification List, please contact Todd Cottrell at (303) 480-6737 or via e-mail at tcottrell@drcog.org.
- Administrative Modifications represent minor changes to TIP projects not defined as “regionally significant changes” for air quality conformity findings, or per CDOT definition.
- The projects included through this set of Administrative Modifications are listed below. The attached describes these modifications, with highlighted items depicting project revisions.

PROJECTS TO BE MODIFIED

- **2008-076:** **Region 1 FASTER Pool**
 - Add pool projects
- **2012-107:** **Enhanced Mobility for Elderly and Disabled (FTA 5310)**
 - Add pool projects and funding
- **2016-065:** **Transit Operating and Capital (FTA 5311)**
 - Add pool projects and funding

The entities involved in the SH-119 BRT Enhancements TIP project (Boulder County, City of Boulder, City of Longmont, CDOT Region 4, and RTD) have requested to separate out the single adopted project into individual TIP projects. Each project sponsor will have an individual IGA for their portion of the overall project. Two projects, the SH-119 BRT Enhancements and Coffman St. Busway, were amended in the TIP in October.

- **New Project:** **28th St. Business Access Transit (BAT) Lanes**
 - New project containing the project elements from the larger SH-119 BRT Enhancements project
- **New Project:** **SH-119 and SH-52 Transit Bypass Lanes**
 - New project containing the project elements from the larger SH-119 BRT Enhancements project

2008-076: Add two pool projects using available funding

Existing

Title: **Region 1 FASTER Pool**

Project Type: **Safety**

TIP-ID: **2008-076**

STIP-ID: **SR17002**

Open to Public:

Sponsor: **CDOT Region 1**

Project Scope

Pool contains safety-related improvements and upgrades based on the new FASTER-Safety funding program (Colorado Senate Bill 108) in CDOT Region 1.



Affected County(ies)
Adams
Arapahoe
Broomfield
Denver
Douglas
Jefferson

Performance Measures	
<input type="checkbox"/>	Bridge Condition
<input checked="" type="checkbox"/>	Congestion
<input checked="" type="checkbox"/>	Freight Reliability
<input type="checkbox"/>	Pavement Condition
<input checked="" type="checkbox"/>	Safety
<input checked="" type="checkbox"/>	Travel Time Reliability

All pool project funding depicts federal and/or state funding only.

Facility Name	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)
SH-95 Intersection Improvements	64th Ave	\$851	Long mast arm signal design (3 locations)	88 @ Revere, 121 @ Ken Caryl, 121 @ C-470 (2)	\$2,000	Aurora Signals 2019	SH30 @ Jewell and Yale	\$500
SH-121/72nd Ave	Right turn accel lanes	\$961	Aurora Signal Package	I-70 at Tower	\$600	Lakewood Safety Package 2020	I-70 @ Colfax, Colfax @ Quail, SH8 @ Garrison, and SH121 @ 1st Ave	\$4,960
SH-177 Sidewalks	Mineral Ave to Orchard Rd	\$521	SH224 @ Dahlia St.	Traffic Signal Replacement	\$450	I-70 and Kipling	Traffic signal replacement and access consolidation	\$2,000
High Line Canal Trail Underpass	Parker/Mississippi	\$3,201	Ramp Metering	I-76	\$1,500	6' Lane Lines Pavement Marking (2019-2021)	I-25, I-70, I-225, I-76, I-270	\$9,100
Founders Pkwy Intersection Reconstruct	Crowfoot Valley Rd	\$1,602	UG-285/SH-30	Resurfacing	\$1,400	SH-30 and Tower Improvements	Phase 1	\$691
Wadsworth TOD left turn protection	Girton, Eastman and Yale	\$200	North Signal Replacement Package	SH-128 @ Eldorado, SH-287 @ Midway, 6th, and SH-121 @ Ralston	\$1,000	SH-30 and Tower Improvements	Phase 2	\$719
FASTER Safety Design		\$4,000	SH-40 and SH-121	Signal Improvements	\$900	UG-285/SH-30 Resurfacing	Dahlia to Parker	\$1,200
SH-2 Traffic Signal Upgrades		\$440	SH391 (Kipling) @ 13th Ave and 13th Place	Intersection Improvements	\$660	Broadway Signal Replacement	at 62nd and 70th	\$1,000
Wadsworth	Right Turn Lane Extensions	\$1,621	I-25 and Plum Creek/Meadows	Signal poles, storage, and left turn lane and restriping improvements	\$2,300	SH-93 Signal Package		\$2,500
I-70 between MP 252 & 255	Median Barrier	\$2,000	I-70 EB Aux Lanes	Ward Rd to Kipling	\$2,300	I-70 @ Sheridan and Harlan Safety		\$3,700
SH 121 @ Deer Creek Canyon, C-470 @ Kipling, SH-95 @ WB I-75 Ramp Mod, SH-68 @ UG 285, SH-93 @ Washington St, SH-177 @ Otero, SH-121 @ Chatfield	Traffic Signal Replacements	\$2,500	South Federal Blvd	safety improvements	\$300	SH-75 Intersection Improvements	Bowles and Mineral	\$1,000
SH-95 @ 1st Ave, 32nd Ave, 38th Ave, 46th Ave, Wellington Ave	Traffic Signal Replacements	\$2,000	SH2 and SH95 Traffic Signals	SH2@Arizona, Kentucky, Bayaud, 1st. SH95@14th, 16th, 44th, 38th, 1st	\$1,500	C-470 and Ken Caryl	Intersection Improvements	\$5,000
UG-85 @ Dartmouth	Hampden to Florida SUR	\$2,500	SH83	Mississippi to Colorado	\$3,500	C-470 and Morrison Rd	Intersection Improvements	\$5,000
Roundabouts at C-470 @ Ken Caryl and I-70 @ Harlan	Roundabouts - design	\$500	SB I-225 Parker Rd Ramp	safety project	\$2,000	SH-40 and SH-121	CDOT Traffic Signal Improvements	\$1,720

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Administrative Modifications – November 2019

2020-2023 Transportation Improvement Program

Facility Name	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)
VMS for I-25 south of Denver	VMS Installation	\$500	I-25 SB Bottleneck	restripe from I-76 to I-70	\$1,200	Denver West Runaway Truck Ramp		\$5,000
Amounts in \$1,000s	Prior Funding	FY20	FY21	FY22	FY23	Future Funding	Total Funding	
Federal		\$0	\$0	\$0	\$0			
State (Faster-5)		\$23,345	\$28,410	\$29,120	\$26,990			
Local		\$0	\$0	\$0	\$0			
Total		\$64,714	\$23,345	\$28,410	\$29,120	\$26,990	\$0	\$172,579

Revised

Facility Name	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)
SH-95 Intersection Improvements	64th Ave	\$851	Aurora Signal Package	I-70 at Tower	\$600	I-70 and Kipling	Traffic signal replacement and access consolidation	\$2,000
SH-121/72nd Ave	Right turn accel lanes	\$961	SH224 @ Dahlia St.	Traffic Signal Replacement	\$450	8" Lane Lines Pavement Marking (2019-2021)	I-25, I-70, I-225, I-76, I-270	\$9,100
SH-177 Sidewalks	Mineral Ave to Orchard Rd	\$521	Ramp Metering	I-76	\$1,500	SH-30 and Tower Improvements	Phase 1	\$691
High Line Canal Trail Underpass	Parker/Mississippi	\$3,201	US-285/SH-30	Resurfacing	\$1,400	SH-30 and Tower Improvements	Phase 2	\$719
Founders Pkwy Intersection Reconstruct	Crowfoot Valley Rd	\$1,602	North Signal Replacement Package	SH-128 @ Eldorado, SH-287 @ Midway, 6th, and SH-121 @ Ralston	\$1,000	US-285/SH-30 Resurfacing	Dahlia to Parker	\$1,200
Wadsworth TOD left turn protection	Girton, Eastman and Yale	\$200	SH-40 and SH-121	Signal Improvements	\$900	Broadway Signal Replacement	at 62nd and 70th	\$1,000
FASTER Safety Design		\$4,000	SH391 (Kipling) @ 13th Ave and 13th Place	Intersection Improvements	\$660	SH-93 Signal Package		\$2,500
SH-2 Traffic Signal Upgrades		\$440	I-25 and Plum Creek/Meadows	Signal poles, storage, and left turn lane and restriping improvements	\$2,300	I-70 @ Sheridan and Harlan Safety		\$3,700
Wadsworth	Right Turn Lane Extensions	\$1,621	I-70 EB Aux Lanes	Ward Rd to Kipling	\$2,300	SH-75 Intersection Improvements	Bowles and Mineral	\$1,000
I-70 between MP 252 & 255	Median Barrier	\$2,000	South Federal Blvd	safety improvements	\$300	C-470 and Ken Caryl	Intersection Improvements	\$5,000
SH 121 @ Deer Creek Canyon, C-470 @ Kipling, SH-95 @ WB I-76 Ramp Mod, SH-88 @ US 285, SH-93 @ Washington St, SH-177 @ Otero, SH-121 @ Chatfield	Traffic Signal Replacements	\$2,500	SH2 and SH95 Traffic Signals	SH2@Arizona, Kentucky, Bayaud, 1st, SH95@14th, 10th, 44th, 38th, 1st	\$1,500	C-470 and Morrison Rd	Intersection Improvements	\$5,000
SH-95 @ 1st Ave, 32nd Ave, 38th Ave, 46th Ave, Wellington Ave	Traffic Signal Replacements	\$2,000	SH83	Mississippi to Colorado	\$3,500	SH-40 and SH-121	CDOT Traffic Signal Improvements	\$1,720
US-85 @ Dartmouth	Hampden to Florida SUR	\$2,500	SB I-225 Parker Rd Ramp	safety project	\$2,000	Denver West Runaway Truck Ramp		\$5,000
Roundabouts at C-470 @ Ken Caryl and I-70 @ Harlan	Roundabouts - design	\$500	I-25 SB Bottleneck	restripe from I-76 to I-70	\$1,200	SH-30 and Tower Rd	ROW Phase	\$201

VMS for I-25 south of Denver	VMS Installation	\$500	Aurora Signals 2019	SH30 @ Jewell and Yale	\$500	I-70 VSL Concept of Operations and Implementation		\$530
Long mast arm signal design (3 locations)	88 @ Revere, 121 @ Ken Caryl, 121 @ C-470 (2)	\$2,000	Lakewood Safety Package 2020	I-70 @ Colfax, Colfax @ Quail, SH8 @ Garrison, and SH121@ 1st Ave	\$4,960			

2012-107: Add pool projects and associated funding

Existing

Title: Enhanced Mobility for Elderly and Disabled (FTA 5310)

Project Type: Transit Operational Improvements

TIP-ID: 2012-107

STIP-ID:

Open to Public:

Sponsor: CDOT

Project Scope

Funds will be used for Mobility Management and activities such as purchase of vans and operating assistance for door-to-door service for the elderly and disabled.



Affected County(ies)
Regional

- Performance Measures**
- Bridge Condition
 - Congestion
 - Freight Reliability
 - Pavement Condition
 - Safety
 - Travel Time Reliability

All pool project funding depicts federal and/or state funding only.

Facility Name	Start-At and End-At	Cost (1,000c)	Facility Name (Cont)	Start-At and End-At	Cost (1,000c)	Facility Name (Cont)	Start-At and End-At	Cost (1,000c)
Via (Boulder)	Accessible Minivan Replacements (FY17 Small Urban)	\$82	Seniors Resource Center	Operating (FY19 Large Urban)	\$273	Broomfield	Equipment (FY20)	\$25
SRC (Arapahoe Co)	Cutaway Replacements (FY17 Large Urban)	\$124	DRMAC	Mobility Management (FY19 Large Urban)	\$250	DRMAC	Mobility Management (FY20)	\$288
SRC (Adams Co)	Cutaway and Sedan Replacements (FY17 Large Urban)	\$153	Douglas County	Mobility Management (FY19 Large Urban)	\$375	SRC	Mobility Management (FY20)	\$439
Via Mobility Services	Bus replacement (FY19 Small Urban)	\$105	Continuum of Colorado	Operating (FY19 Large Urban)	\$90	SRC	Operating (FY20)	\$385
Easter Seals	Minivan replacement (FY19 Large Urban)	\$38	Continuum of Colorado	Vehicle Replacement (FY19 Large Urban)	\$68	SRC	Van Expansion (FY20)	\$104
Seniors Resource Center	Bus Replacement (FY19 Large Urban)	\$408	Easter Seals Colorado	Vehicle Replacement (FY19 Large Urban)	\$55	SRC	BOC Expansion (FY20)	\$70
Via	Mobility Management (FY19 Small Urban)	\$285	SRC	Vehicle Replacement (FY19 Large Urban)	\$42	VIA	Mobility Management (FY20)	\$192
Via	Operating (FY19 Small Urban)	\$255	SRC	Bus Replacement (FY19 Large Urban)	\$72	Douglas County	1 Van Expansion (FY20)	\$48
Continuum of Colorado	Operating (FY18)	\$60	SRC	Bus Replacement (FY19 Large Urban)	\$124	Douglas County	Mobility Management (FY20)	\$395
Via	Operating (FY19 Small Urban)	\$168	VIA	Bus Replacement (FY19 Small Urban)	\$38	Easter Seals	1 BOC Expansion (FY20)	\$49
Via	Mobility Management (FY19 Small Urban)	\$418	VIA	Bus Replacement (FY19 Small Urban)	\$59	Laradon Hall Society	Van Replacement (FY20)	\$80
Via	Mobility Management (FY19 Large Urban)	\$227	Adams County	Mobility Management (FY20)	\$108	Goodwill - Denver	Replacement Vehicle (FY20)	\$48
Seniors Resource Center	Mobility Management (FY19 Large urban)	\$248	Broomfield	1 Vehicle Expansion (FY20)	\$61			
Amounts in \$1,000s	Prior Funding	FY20	FY21	FY22	FY23	Future Funding	Total Funding	
Federal (5310)		\$2,292	\$1,800	\$1,800	\$1,800			
State		\$0	\$0	\$0	\$0			
Local		\$862	\$450	\$450	\$450			
Total	\$27,108	\$3,154	\$2,250	\$2,250	\$2,250	\$0	\$37,012	

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Revised

Facility Name	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)
Via (Boulder)	Accessible Minivan Replacements (FY17 Small Urban)	\$82	DRMAC	Mobility Management (FY19 Large Urban)	\$250	SRC	Mobility Management (FY20)	\$439
SRC (Arapahoe Co)	Cutaway Replacements (FY17 Large Urban)	\$124	Douglas County	Mobility Management (FY19 Large Urban)	\$375	SRC	Operating (FY20)	\$385
SRC (Adams Co)	Cutaway and Sedan Replacements (FY17 Large Urban)	\$153	Continuum of Colorado	Operating (FY19 Large Urban)	\$90	SRC	Van Expansion (FY20)	\$104
Via Mobility Services	Bus replacement (FY19 Small Urban)	\$105	Continuum of Colorado	Vehicle Replacement (FY19 Large Urban)	\$68	SRC	BOC Expansion (FY20)	\$70
Easter Seals	Minivan replacement (FY19 Large Urban)	\$38	Easter Seals Colorado	Vehicle Replacement (FY19 Large Urban)	\$55	VIA	Mobility Management (FY20)	\$192
Seniors Resource Center	Bus Replacement (FY19 Large Urban)	\$408	SRC	Vehicle Replacement (FY19 Large Urban)	\$42	Douglas County	1 Van Expansion (FY20)	\$48
Via	Mobility Management (FY19 Small Urban)	\$285	SRC	Bus Replacement (FY19 Large Urban)	\$72	Douglas County	Mobility Management (FY20)	\$395
Via	Operating (FY19 Small Urban)	\$255	SRC	Bus Replacement (FY19 Large Urban)	\$124	Easter Seals	1 BOC Expansion (FY20)	\$49
Continuum of Colorado	Operating (FY18)	\$60	VIA	Bus Replacement (FY19 Small Urban)	\$38	Laradon Hall Society	Van Replacement (FY20)	\$80
Via	Operating (FY19 Small Urban)	\$168	VIA	Bus Replacement (FY19 Small Urban)	\$59	Goodwill - Denver	Replacement Vehicle (FY20)	\$48
Via	Mobility Management (FY19 Small Urban)	\$418	Adams County	Mobility Management (FY20)	\$108	VIA	Mobility Management (FY20 Small Urban)	\$419
Via	Mobility Management (FY19 Large Urban)	\$227	Broomfield	1 Vehicle Expansion (FY20)	\$61	VIA	Operating (FY20 Small Urban)	\$248
Seniors Resource Center	Mobility Management (FY19 Large urban)	\$248	Broomfield	Equipment (FY20)	\$25			
Seniors Resource Center	Operating (FY19 Large Urban)	\$273	DRMAC	Mobility Management (FY20)	\$288			

Amounts in \$1,000s	Prior Funding	FY20	FY21	FY22	FY23	Future Funding	Total Funding
Federal (5310)		\$2,959	\$1,800	\$1,800	\$1,800		
State		\$0	\$0	\$0	\$0		
Local		\$1,215	\$450	\$450	\$450		
Total	\$27,108	\$4,174	\$2,250	\$2,250	\$2,250	\$0	\$38,032

2016-065: Add pool project and associated funding

Existing

Title: **Transit Operating and Capital (FTA 5311)**

Project Type: **Transit Operational Improvements**

TIP-ID: **2016-065**

STIP-ID:

Open to Public:

Sponsor: **CDOT**

Project Scope

Expend 5311 grant funds on transit for non-Urbanized Areas.



Affected County(ies)
Regional

Performance Measures	
<input type="checkbox"/>	Bridge Condition
<input checked="" type="checkbox"/>	Congestion
<input type="checkbox"/>	Freight Reliability
<input type="checkbox"/>	Pavement Condition
<input type="checkbox"/>	Safety
<input type="checkbox"/>	Travel Time Reliability

All pool project funding depicts federal and/or state funding only.

Facility Name	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)
SRC (Jefferson Co)	Cutaway Replacement (FY17)	\$66						
Amounts in \$1,000s	Prior Funding	FY20	FY21	FY22	FY23	Future Funding	Total Funding	
Federal (5311)		\$0	\$0	\$0	\$0			
State		\$0	\$0	\$0	\$0			
Local		\$0	\$0	\$0	\$0			
Total	\$1,367	\$0	\$0	\$0	\$0	\$0	\$1,367	

Revised

Facility Name	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)
SRC (Jefferson Co)	Cutaway Replacement (FY17)	\$66	VIA	Admin & Operating (FY20 Small Urban)	\$309			
Amounts in \$1,000s	Prior Funding	FY20	FY21	FY22	FY23	Future Funding	Total Funding	
Federal (5311)		\$309	\$0	\$0	\$0			
State		\$0	\$0	\$0	\$0			
Local		\$309	\$0	\$0	\$0			
Total	\$1,367	\$618	\$0	\$0	\$0	\$0	\$1,985	

New Project: New TIP project separated out from the SH-119 BRT Enhancements TIP project

New Project

Title: **28th St. Business Access Transit (BAT) Lanes**

Project Type: **Transit Operational Improvements**

TIP-ID: **Request**

STIP-ID:

Open to Public: **2023**

Sponsor: **Boulder**

Project Scope

Construct Business Access Transit (BAT) lanes on 28th St. between Iris and Valmont.



Affected Municipality(ies)

Boulder

Affected County(ies)

Boulder

Project Phases

Year	Phase
2022	Initiate Construction

Performance Measures

- Bridge Condition
- Congestion
- Freight Reliability
- Pavement Condition
- Safety
- Travel Time Reliability

Amounts in \$1,000s	Prior Funding	FY20	FY21	FY22	FY23	Future Funding	Total Funding
Federal (STP-M)		\$0	\$0	\$4,560	\$0		
State		\$0	\$0	\$0	\$0		
Local		\$0	\$0	\$1,140	\$0		
Total	\$0	\$0	\$0	\$5,700	\$0	\$0	\$5,700

New Project: New TIP project separated out from the SH-119 BRT Enhancements TIP project

New Project

Title: **SH-119 and SH-52 Transit Bypass Lanes**

Project Type: **Transit Operational Improvements**

TIP-ID: **Request**

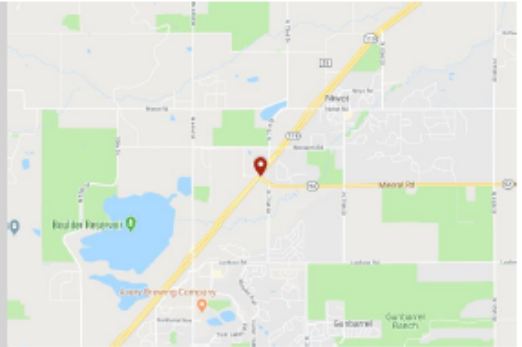
STIP-ID:

Open to Public: **2024**

Sponsor: **Boulder County**

Project Scope

Design and construct transit bypass lanes on SH-119 at the northbound and southbound approaches to the SH-52 intersection.



Affected County(ies)
Boulder

Project Phases	
Year	Phase
2023	Initiate Construction

Performance Measures	
<input type="checkbox"/>	Bridge Condition
<input checked="" type="checkbox"/>	Congestion
<input type="checkbox"/>	Freight Reliability
<input type="checkbox"/>	Pavement Condition
<input checked="" type="checkbox"/>	Safety
<input checked="" type="checkbox"/>	Travel Time Reliability

Amounts in \$1,000s	Prior Funding	FY20	FY21	FY22	FY23	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0		
Federal (CMAQ)		\$0	\$0	\$0	\$3,070		
State		\$0	\$0	\$0	\$0		
State (R P P)		\$0	\$0	\$0	\$1,700		
Local		\$0	\$0	\$0	\$0		
Local (RTD)		\$0	\$0	\$0	\$3,630		
Total	\$0	\$0	\$0	\$0	\$8,400	\$0	\$8,400