

## ATTACHMENT 1

To: TIP Notification List  
From: Douglas W. Rex, Executive Director  
Subject: **July 2018 Administrative Modifications to the 2018-2021 Transportation Improvement Program**  
Date: July 18, 2018

### SUMMARY

- Per the [Policy on Transportation Improvement Program \(TIP\) Preparation](#) covering the [2018-2021 TIP](#), administrative modifications are reviewed and processed by staff. They are emailed to the TIP Notification List, and posted on the [DRCOG 2018-2021 TIP web page](#).
- The TIP Notification List includes the members of the DRCOG Regional Transportation Committee and 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 2018-2021 TIP. If you wish to be removed from the TIP Notification List, please contact Mark Northrop at (303) 480-6771 or via e-mail at [mnorthrop@drcog.org](mailto:mnorthrop@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.

### PROJECTS TO BE MODIFIED

- **2007-094:** **Region 4 Hazard Elimination Pool**
  - Add pool project
- **2007-144:** **Safe Routes to School Pool**
  - Delete pool project and return funding
- **2008-076:** **Region 1 FASTER Pool**
  - Add pool project
- **2016-070:** **Longmont Rail Road Bridge Replacement**
  - Adjust project name, scope, and years of funding
- **2016-083:** **Denver Smart City Program**
  - Shift years of funding
- **2018-004:** **Transit Capital Program (FTA 5339)**
  - Add pool project and funding

**2007-094:** Add one new pool project using unallocated pool funds

**Existing**

Title: **Region 4 Hazard Elimination Pool**

Project Type: **Safety**

TIP-ID: **2007-094**

STIP-ID: **SR46666**

Open to Public:

Sponsor: **CDOT Region 4**

**Project Scope**

Pool funds hazard elimination projects in CDOT Region 4 (Boulder and SW Weld Counties).



Affected County(ies)

- Boulder
- Weld

Amounts in \$1,000s	Prior Funding	FY18	FY19	FY20	FY21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0		
State (Safety)		\$5,000	\$5,000	\$5,000	\$5,000		
Local		\$500	\$500	\$500	\$500		
<b>Total</b>	<b>\$16,230</b>	<b>\$5,500</b>	<b>\$5,500</b>	<b>\$5,500</b>	<b>\$5,500</b>	<b>\$0</b>	<b>\$38,230</b>

**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)
I-25 NB Ramp and SH52		\$436						

Amounts in \$1,000s	Prior Funding	FY18	FY19	FY20	FY21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0		
State (Safety)		\$5,000	\$5,000	\$5,000	\$5,000		
Local		\$500	\$500	\$500	\$500		
<b>Total</b>	<b>\$16,230</b>	<b>\$5,500</b>	<b>\$5,500</b>	<b>\$5,500</b>	<b>\$5,500</b>	<b>\$0</b>	<b>\$38,230</b>

**2007-144:** Remove pool project and associated funding due to sponsor cancelling project

**Existing**

Title: **Safe Routes to School Pool**

Project Type: **Safety**

TIP-ID: **2007-144**

STIP-ID: **SDR7024**

Open to Public:

Sponsor: **CDOT**

**Project Scope**

Improvements to encourage children to walk and bicycle to school by improving safety and reducing traffic fuel consumption, and air pollution in the vicinities of schools.

Affected County(ies)

Regional



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)
Lafayette	Sanchez ES/Peak to Peak ES Connector Trail Project	\$298	Jefferson County Public Health	Healthy Jeffco SRTS	\$58	Edgewater	Edgewater School Crossing and Traffic Calming Project	\$134
Denver	DPS-Cole Arts & Science Academy Multimodal Improvements	\$350	Boulder	Safe Schools Boulder	\$34	Thornton	Westgate Community School Sidewalks	\$314
Jefferson County	Fairmount ES & Cornerstone Montessori School Ped/Bike Safety Improvements	\$285	Cherry Creek School District #5	CCSD SRTS through Education, Encouragement, and Engagement	\$29	Denver Public Schools	KIPP Northeast Denver Middle School Cares Bike Program	\$18
Frederick	Thunder Valley K-8 Multipurpose Trail Project	\$304	Denver Public Schools	CommuteDPS Communications Campaign	\$80			
Boulder County	Trip Tracker Trends	\$70	Boulder County	South Heatherwood Intersection and Sidewalk Improvements	\$350			

Amounts in \$1,000s	Prior Funding	FY18	FY19	FY20	FY21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0		
State (Safety)		\$2,302	\$0	\$0	\$0		
Local		\$575	\$0	\$0	\$0		
Total	\$938	\$2,877	\$0	\$0	\$0	\$0	\$3,815

Highlighted project to be removed

**Revised**

Amounts in \$1,000s	Prior Funding	FY18	FY19	FY20	FY21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0		
State (Safety)		\$2,004	\$0	\$0	\$0		
Local		\$501	\$0	\$0	\$0		
Total	\$938	\$2,505	\$0	\$0	\$0	\$0	\$3,443

**2008-076:** Add one new pool project using unallocated pool funds

**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

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-75 and Mineral Ave	Curb ramp and B/P crossing improvements	\$200	SH-2 Traffic Signal Upgrades		\$440	VMS for I-25 south of Denver	VMS Installation	\$500
SH-95 Intersection Improvements	64th Ave	\$851	I-70-A Pecos	Roundabout Improvements	\$700	Long mast arm signal design (3 locations)	88 @ Revere, 121 @ Ken Caryl, 121 @ C-470 (2)	\$2,000
SH-121/72nd Ave	Right turn accel lanes	\$981	Wadsworth	Right Turn Lane Extensions	\$1,621	Aurora Signal Package	I-70 at Tower	\$800
SH-177 Sidewalks	Mineral Ave to Orchard Rd	\$521	US-85	I-76 to 168th	\$1,443	SH224 @ Dahlia St.	Traffic Signal Replacement	\$450
High Line Canal Trail Underpass	Parker/Mississippi	\$3,201	I-70 between MP 252 & 255	Median Barrier	\$2,000	Ramp Metering	I-76	\$1,500
Cable Median Barrier	104th to 168th Ave	\$2,000	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	US-285/SH-30	Resurfacing	\$1,400
Founders Pkwy Intersection Reconstruct	Crowfoot Valley Rd	\$1,602	SH-95 @ 1st Ave, 32nd Ave, 38th Ave, 46th Ave, Wellington Ave	Traffic Signal Replacements	\$2,000	North Signal Replacement Package	SH-128 @ Eldorado, SH-287 @ Midway, 6th, and SH-121 @ Ralston	\$1,000
Wadsworth TOD left turn protection	Girton, Eastman and Yale	\$200	US-85 @ Dartmouth	Hampden to Florida SUR	\$2,500	SH-40 and SH-121	Signal Improvements	\$900
FASTER Safety Design		\$4,000	Roundabouts at C-470 @ Ken Caryl and I-70 @ Harlan	Roundabouts - design	\$500			

Amounts in \$1,000s	Prior Funding	FY18	FY19	FY20	FY21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0		
State (Faster-S)		\$21,950	\$21,416	\$22,500	\$22,200		
Local		\$0	\$0	\$0	\$0		
<b>Total</b>	<b>\$23,148</b>	<b>\$21,950</b>	<b>\$21,416</b>	<b>\$22,500</b>	<b>\$22,200</b>	<b>\$0</b>	<b>\$111,214</b>

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-75 and Mineral Ave	Curb ramp and B/P crossing improvements	\$200	SH-2 Traffic Signal Upgrades		\$440	VMS for I-25 south of Denver	VMS Installation	\$500
SH-95 Intersection Improvements	64th Ave	\$851	I-70-A Pecos	Roundabout Improvements	\$700	Long mast arm signal design (3 locations)	88 @ Revere, 121 @ Ken Caryl, 121 @ C-470 (2)	\$2,000
SH-121/72nd Ave	Right turn accel lanes	\$981	Wadsworth	Right Turn Lane Extensions	\$1,621	Aurora Signal Package	I-70 at Tower	\$800
SH-177 Sidewalks	Mineral Ave to Orchard Rd	\$521	US-85	I-76 to 168th	\$1,443	SH224 @ Dahlia St.	Traffic Signal Replacement	\$450
High Line Canal Trail Underpass	Parker/Mississippi	\$3,201	I-70 between MP 252 & 255	Median Barrier	\$2,000	Ramp Metering	I-76	\$1,500
Cable Median Barrier	104th to 168th Ave	\$2,000	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	US-285/SH-30	Resurfacing	\$1,400
Founders Pkwy Intersection Reconstruct	Crowfoot Valley Rd	\$1,602	SH-95 @ 1st Ave, 32nd Ave, 38th Ave, 46th Ave, Wellington Ave	Traffic Signal Replacements	\$2,000	North Signal Replacement Package	SH-128 @ Eldorado, SH-287 @ Midway, 6th, and SH-121 @ Ralston	\$1,000
Wadsworth TOD left turn protection	Girton, Eastman and Yale	\$200	US-85 @ Dartmouth	Hampden to Florida SUR	\$2,500	SH-40 and SH-121	Signal Improvements	\$900
FASTER Safety Design		\$4,000	Roundabouts at C-470 @ Ken Caryl and I-70 @ Harlan	Roundabouts - design	\$500	SH391 (Kipling) @ 13th Ave and 13th Place	Intersection Improvements	\$860

Amounts in \$1,000s	Prior Funding	FY18	FY19	FY20	FY21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0		
State (Faster-S)		\$21,950	\$21,416	\$22,500	\$22,200		
Local		\$0	\$0	\$0	\$0		
Total	\$23,148	\$21,950	\$21,416	\$22,500	\$22,200	\$0	\$111,214



**2016-070:** Change the project location, scope, and local match/overall funding amount. This Second Commitment in Principle project revision was agreed to by all Northwest Corridor Partners

## Existing

Title: **Longmont Rail Road Bridge Replacement**

Project Type: **Safety**

TIP-ID: **2016-070**

STIP-ID:

Open to Public: **2020**

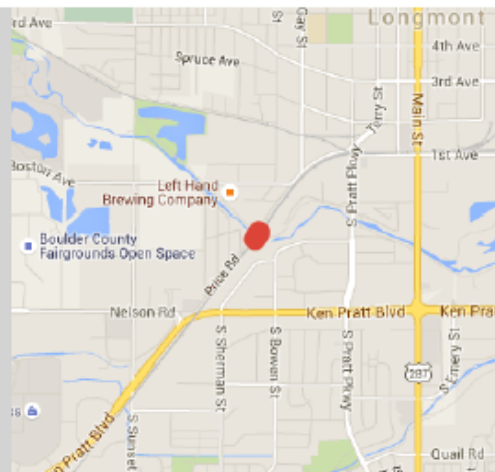
Sponsor: **Longmont**

### Project Scope

The project replaces a deficient BNSF railroad bridge that is part of the FasTracks system at the St. Vrain Creek between Ken Pratt Blvd. and Main St. The 1st and Main station area along the Northwest Commuter Rail line is to be planned and built in the next 3-5 years, so this bridge replacement is critical to its construction and operation.

The construction will include a new, expanded bridge deck to convey the 100-year storm event as well as 2-3 tracks for rail. The existing/adjacent bicycle/pedestrian bridge is to be incorporated into the overall design of the rail bridge as it will not meet the new channel width recommended to carry the 100-year storm event through this section of the City.

The BNSF will conduct design, field diagnostic review, PUC application /approval, as well as construction of the necessary improvements.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Longmont	Boulder	Year	Phase
		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY18	FY19	FY20	FY21	Future Funding	Total Funding
Federal (STP-M)		\$0	\$1,056	\$0	\$0		
State		\$0	\$0	\$0	\$0		
Local		\$100	\$1,744	\$0	\$0		
<b>Total</b>	<b>\$100</b>	<b>\$100</b>	<b>\$2,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,000</b>

**Revised**

Title: **Longmont 1st and Emery Quiet Zone**

Project Type: **Safety**

TIP-ID: **2016-070**

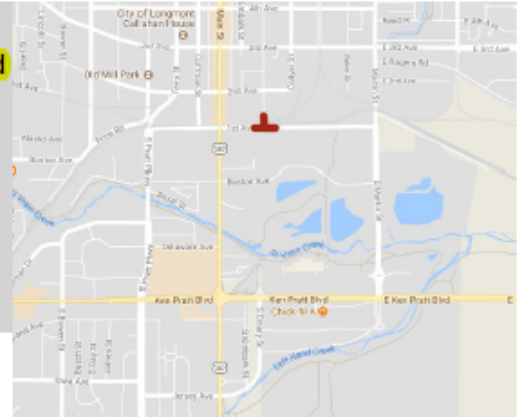
STIP-ID:

Open to Public: **2020**

Sponsor: **Longmont**

**Project Scope**

Design and construct supplemental safety improvement measures at the 1st and Emery intersection where it intersects with the BNSF Railway to comply with Federal Railroad Administration requirements to make the crossing location quiet zone compliant.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Longmont	Boulder	Year	Phase
		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY18	FY19	FY20	FY21	Future Funding	Total Funding
Federal (STP-M)		\$0	\$1,056	\$0	\$0		
State		\$0	\$0	\$0	\$0		
Local		\$0	\$900	\$0	\$0		
<b>Total</b>	\$0	\$0	\$1,956	\$0	\$0	\$0	\$1,956

**2016-083:** Shift funding per executed agreement between Denver and FHWA. Overall funding remains unchanged

**Existing**

Title: **Denver Smart City Program**

Project Type: **Congestion Management**

TIP-ID: **2016-083**

STIP-ID:

Open to Public:

Sponsor: **Denver**

**Project Scope**

The City and County of Denver is proposing three Intelligent Vehicle (IV) Projects utilizing advanced traveler information systems, advanced transportation management technologies, transportation system performance data collection, analysis, and dissemination systems, and advanced safety systems to address issues and challenges in safety, mobility, and sustainability.

Specific efforts for this grant include 1) Connected Traffic Management Center (TMC) and Connected Fleets, 2) Travel Time Reliability as a City Service for Connected Freight, and 3) Safer Pedestrian Crossings for Connected Citizens.



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 (ATCMTD)		\$0	\$6,000	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$6,000	\$0	\$0	\$0		
<b>Total</b>	\$0	\$0	\$12,000	\$0	\$0	\$0	\$0	\$12,000

**Revised**

Amounts in \$1,000s	Prior Funding	FY18	FY19	FY20	FY21	Future Funding	Total Funding
Federal (ATCMTD)		\$1,500	\$1,500	\$1,500	\$0		
State		\$0	\$0	\$0	\$0		
Local		\$1,500	\$1,500	\$1,500	\$0		
<b>Total</b>	\$3,000	\$3,000	\$3,000	\$3,000	\$0	\$0	\$12,000



**2018-004:** Add one new pool project and associated funding

**Existing**

Title: **Transit Capital Program (FTA 5339)**

Project Type: **Transit Vehicles**

TIP-ID: **2018-004**

STIP-ID:

Open to Public:

Sponsor: **CDOT**

**Project Scope**

Expends 5339 grant funds on capital transit for urbanized areas.



Affected County(ies)

Regional

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)
Via	Electric Charging Station (FY17 Small Urban)	\$120	Via	Bus Replacement (FY19 Small Urban)	\$402			
Amounts in \$1,000s	Prior Funding	FY18	FY19	FY20	FY21	Future Funding	Total Funding	
Federal (5339)		\$120	\$402	\$0	\$0			
State		\$0	\$0	\$0	\$0			
Local		\$30	\$101	\$0	\$0			
<b>Total</b>	<b>\$0</b>	<b>\$150</b>	<b>\$503</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$653</b>	

**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	Electric Charging Station (FY17 Small Urban)	\$120	Via	Bus Replacement (FY19 Small Urban)	\$402	Via	Bus Replacement (FY19 Low or No Emissions)	\$209
Amounts in \$1,000s	Prior Funding	FY18	FY19	FY20	FY21	Future Funding	Total Funding	
Federal (5339)		\$120	\$611	\$0	\$0			
State		\$0	\$0	\$0	\$0			
Local		\$30	\$153	\$0	\$0			
<b>Total</b>	<b>\$0</b>	<b>\$150</b>	<b>\$764</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$914</b>	