

To: TIP Notification List

From: Douglas W. Rex, Transportation Planning & Operations Director

Subject: August Administrative Modifications to the 2016-2021 Transportation Improvement Program

Date: August 17, 2016

#### SUMMARY

- Per the [Policy on Transportation Improvement Program \(TIP\) Preparation](#), administrative modifications are reviewed and processed by staff. They are emailed to the TIP Notification List, and posted on the [DRCOG 2016-2021 TIP web page](#).
- The TIP Notification List includes the members of the Denver Regional Council of Governments (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 e-mail is sent when administrative modifications have been made to the 2016-2021 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. For more information on the TIP modification policy, visit the [DRCOG 2016-2021 TIP web page](#).
- Projects included through this set of administrative modifications are listed below. The attached describes each modification.

#### PROJECTS

- **2007-075: Region 1 Traffic Signals Pool**  
Add project to pool.
- **2008-076: Region 1 FASTER Pool**  
Add project to pool.
- **2012-076: Enhanced Mobility for Elderly and Disabled (FTA 5310)**  
Add funds and projects to pool.
- **2016-002: Air Quality Improvements Pool**  
Add projects to pool.
- **2016-038: High Line Canal Trail Underpass at Hampden and Colorado**  
Change project sponsor.
- **2007-094: Region 4 Hazard Elimination Pool**  
Add funds and project to pool.

**2007-075:** Add project to pool using unallocated pool balance.

## Existing

Title: **Region 1 Traffic Signals Pool**

Project Type: **Safety**

TIP-ID: **2007-075**

STIP-ID: **SR16684**

Open to Public:

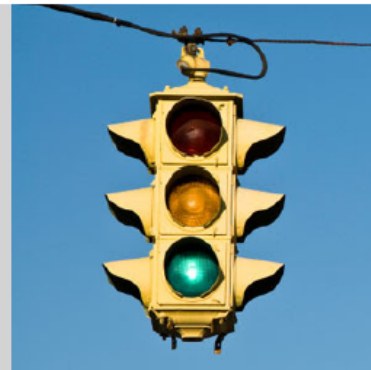
Sponsor: **CDOT Region 1**

**Project Scope**

CDOT Region 1 Traffic Signal Pool.

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-224 (E 74th Ave)	at Dahlia St	\$350	I-70	& Chambers St NR	\$450	SH-121 (Wadsworth Blvd)	& Stanford Dr	\$450	
SH-287 (W 120th Ave)	at Greenway Dr/Lamar St	\$350	I-70	&SH-391/Kipling St NR	\$450	SH-121 (Wadsworth Blvd)	& 29th Ave	\$600	
SH-287	at W 10th Ave	\$350	I-25	& County Line Rd WR	\$450	SH-287	& Midway Blvd	\$450	
SH-121 (Wadsworth Blvd)	& 3 Acre Ln	\$600	SH-85	& SH-22/124th Ave	\$450	SH-177 (University Blvd)	& Easter Pl	\$600	
SH-287 (Main St)	& 6th Ave	\$600	Cabinet Replacements (FY17)		\$1,500	SH-128	& Eldorado Blvd	\$300	
SH-177 (University Blvd)	& Orchard Rd	\$600	Controller Replacements (FY17)		\$500	Cabinet Replacements (FY18)		\$1,500	
SH-75 (Platte Canyon Rd)	& Coal Mine Rd	\$600	SH-177 (University Blvd)	& Easter Ave	\$600	Controller Replacements (FY18)		\$500	
Amounts in \$1,000s		Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal			\$0	\$0	\$0	\$0	\$0		
State (Safety)			\$1,050	\$6,650	\$5,000	\$0	\$0		
Local			\$0	\$0	\$0	\$0	\$0		
<b>Total</b>			<b>\$2,341</b>	<b>\$1,050</b>	<b>\$6,650</b>	<b>\$5,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,041</b>

## Revised Pool Projects

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-224 (E 74th Ave)	at Dahlia St	\$350	I-70	&SH-391/Kipling St NR	\$450	SH-287	& Midway Blvd	\$450
SH-287 (W 120th Ave)	at Greenway Dr/Lamar St	\$350	I-25	& County Line Rd WR	\$450	SH-177 (University Blvd)	& Easter Pl	\$600
SH-287	at W 10th Ave	\$350	SH-85	& SH-22/124th Ave	\$450	SH-128	& Eldorado Blvd	\$300
SH-121 (Wadsworth Blvd)	& 3 Acre Ln	\$600	Cabinet Replacements (FY17)		\$1,500	Cabinet Replacements (FY18)		\$1,500
SH-287 (Main St)	& 6th Ave	\$600	Controller Replacements (FY17)		\$500	Controller Replacements (FY18)		\$500
SH-177 (University Blvd)	& Orchard Rd	\$600	SH-177 (University Blvd)	& Easter Ave	\$600	Regionwide Signals Improvements		\$450
SH-75 (Platte Canyon Rd)	& Coal Mine Rd	\$600	SH-121 (Wadsworth Blvd)	& Stanford Dr	\$450			
I-70	& Chambers St NR	\$450	SH-121 (Wadsworth Blvd)	& 29th Ave	\$600			

**2008-076:** Add project to pool using unallocated pool balance.

## 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)
I-76 and C-470 Cable Barrier		\$1,224	SH-95 Intersection Improvements	64th Ave	\$851	High Line Canal Trail Underpass	Parker/Mississippi	\$3,201
I-70 PPSL		\$3,000	SH-121/72nd Ave	Right turn accel lanes	\$981	Cable Median Barrier	104th to 168th Ave	\$2,000
C-470 Path Separations		\$1,572	SH-121 Intersection Improvements	Waterton Rd	\$2,050	US-85 and Kuner Rd Barrier Replacement	Bromley to Bridge	\$700
I-70 at 32nd Ave and C-470	Chain Station Lighting	\$594	SH-177 Sidewalks	Mineral Ave to Orchard Rd	\$521	Founders Pkwy Intersection Reconstruct	Crowfoot Valley Rd	\$1,602
SH-391	Jefferson County Schools Access	\$570	I-70/US-8	Chain station lighting improvements	\$1,000	Wadsworth TOD left turn protection	Girton, Eastman and Yale	\$200
SH-2 Traffic Signal Upgrades		\$440	I-76 Curve Reconstruction and Lane Balancing	US-85	\$6,150	Region 1 TSM Study Outcomes		\$5,000
SH-75 and Mineral Ave	Curb ramp and B/P crossing improvements	\$200	I-76 Roundabouts at ramp terminals	Bromley Ln	\$2,164	FASTER Safety Design		\$4,000
Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (Faster-S)		\$20,724	\$2,424	\$17,869	\$19,869	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>		<b>\$86,453</b>	<b>\$20,724</b>	<b>\$2,424</b>	<b>\$17,869</b>	<b>\$19,869</b>	<b>\$0</b>	<b>\$147,339</b>

## Revised Pool Projects

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-76 and C-470 Cable Barrier		\$1,224	SH-121/72nd Ave	Right turn accel lanes	\$981	US-85 and Kuner Rd Barrier Replacement	Bromley to Bridge	\$700
I-70 PPSL		\$3,000	SH-121 Intersection Improvements	Waterton Rd	\$2,050	Founders Pkwy Intersection Reconstruct	Crowfoot Valley Rd	\$1,602
C-470 Path Separations		\$1,572	SH-177 Sidewalks	Mineral Ave to Orchard Rd	\$521	Wadsworth TOD left turn protection	Girton, Eastman and Yale	\$200
I-70 at 32nd Ave and C-470	Chain Station Lighting	\$594	I-70/US-8	Chain station lighting improvements	\$1,000	Region 1 TSM Study Outcomes		\$5,000
SH-391	Jefferson County Schools Access	\$570	I-76 Curve Reconstruction and Lane Balancing	US-85	\$6,150	FASTER Safety Design		\$4,000
SH-2 Traffic Signal Upgrades		\$440	I-76 Roundabouts at ramp terminals	Bromley Ln	\$2,164	<b>I-70 at Garrison Lane Balancing</b>		<b>\$3,200</b>
SH-75 and Mineral Ave	Curb ramp and B/P crossing improvements	\$200	High Line Canal Trail Underpass	Parker/Mississippi	\$3,201			
SH-95 Intersection Improvements	64th Ave	\$851	Cable Median Barrier	104th to 168th Ave	\$2,000			

**2012-107:** Add funds and projects to the pool.

## 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

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	Call Center Operating (FY16)	\$270	SRC	Brokerage/Mobility Management (FY16)	\$230	Via	Rebuild 3 Body-on-Chassis Paratransit Buses (FY16)	\$27
Via	Mobility Management (Travel Training, MM) (FY16)	\$300	SRC	3 A-Lift busses (FY16)	\$238	SRC	A-Lift Fleet Replacements (FY16)	\$128
SRC	Operational Support (FY16)	\$250	SRC	A-Lift sedan (FY16)	\$43	SRC	SCR Fleet Vehicle Replacements (FY16)	\$120
Douglas County	Mobility Management (FY16)	\$109	SRC	Bus replacements for urban area (FY16)	\$152	Easter Seals Colorado	BOC Replacement	\$50
Douglas County	Capital Operating (FY16)	\$176	SRC	Sedans for urban area (FY16)	\$55	Via	Rebuild One Paratransit Van (FY16)	\$9
Via	Mobility Management (Travel Training) (FY16)	\$200	SRC	Bus purchases for urban area (FY16)	\$152			
Colorado Nonprofit Development Center	DRMAC (FY16)	\$200	Via	Replace 3 Body-on-Chassis Paratransit Buses (FY16)	\$138			
Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
Federal (5310)		\$2,692	\$0	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
State (Faster-T)		\$104	\$0	\$0	\$0	\$0		
Local		\$673	\$0	\$0	\$0	\$0		
<b>Total</b>		<b>\$6,329</b>	<b>\$3,469</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,798</b>

## Revised Pool Projects and Funding Table

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	Call Center Operating (FY16)	\$270	Via	Rebuild 3 Body-on-Chassis Paratransit Buses (FY16)	\$27	Broomfield	Support Software Dispatch (from FY15)	\$24
Via	Mobility Management (Travel Training, MM) (FY16)	\$300	SRC	A-Lift Fleet Replacements (FY16)	\$128	SRC	Purchase Tablets (from FY15)	\$37
SRC	Operational Support (FY16)	\$250	SRC	SCR Fleet Vehicle Replacements (FY16)	\$120	CNDC	Brokerage (from FY15)	\$33
Douglas County	Mobility Management (FY16)	\$109	Easter Seals Colorado	BOC Replacement	\$50	CNDC	Mobility Management (from FY15)	\$128
Douglas County	Capital Operating (FY16)	\$176	Via	Rebuild One Paratransit Van (FY16)	\$9	Douglas County	Mobility Management (from FY15)	\$53
Via	Mobility Management (Travel Training) (FY16)	\$200	SRC	Two Replacement BOCs (from FY15)	\$128	SRC	Mobility Management (from FY15)	\$47
Colorado Nonprofit Development Center	DRMAC (FY16)	\$200	Broomfield	Two BOC Replacements (from FY15)	\$79	SRC	Brokerage (from FY15)	\$100
SRC	Brokerage/Mobility Management (FY16)	\$230	Easter Seals	Replacement Paratransit Bus (from FY15)	\$45	Via	Travel Training (from FY15)	\$167
SRC	3 A-Lift busses (FY16)	\$238	SRC	BOC Replacement (from FY15)	\$33	SRC	Operating (from FY15)	\$130
SRC	A-Lift sedan (FY16)	\$43	SRC	Replacement Vehicle (From FY15)	\$46	Via	Four Replacment BOC (from FY15)	\$181
SRC	Bus replacements for urban area (FY16)	\$152	SRC	Replacement Vehicles (from FY15)	\$128	Via	Two BOC Rehabs (from FY15)	\$18
SRC	Sedans for urban area (FY16)	\$55	SRC	Replace 5 Sedans (from FY15)	\$112	Via	Paratransit Vehicle Replacements (from FY15)	\$199
SRC	Bus purchases for urban area (FY16)	\$152	SRC	1 Sedan (from FY15)	\$36	Via	Operating (from FY15)	\$252
Via	Replace 3 Body-on-Chassis Paratransit Buses (FY16)	\$136	Development Pathways	Purchase Expansion BOC (from FY15)	\$52	Via	Mobility Management (from FY15)	\$201

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
Federal (5310)		\$2,692	\$2,228	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
State (Faster-T)		\$104	\$0	\$0	\$0	\$0		
Local		\$673	\$844	\$0	\$0	\$0		
<b>Total</b>	\$6,329	\$3,469	\$3,072	\$0	\$0	\$0	\$0	\$12,870

**2016-002: Add local agency air quality projects to pool.**

**Existing**

Title: **Air Quality Improvements Pool**

Project Type: **Air Quality Improvement Projects**

TIP-ID: **2016-002**

STIP-ID:

Open to Public: **2016**

Sponsor: **R A Q C**

**Project Scope**

Funding for three specialized air quality improvement activities:

- 1 - Conduct a Call for Projects for local agency air quality projects, as allocated and administered by RAQC
- 2 - Advance Fleet Technology. Implements a large vehicle retrofit, repair, and replacement program targeting older, higher polluting vehicles.
- 3 - Ozone Aware. A public outreach program to increase awareness of ground-level ozone pollution



Affected County(ies)	Project Phases	
Regional	Year	Phase
	2016	Initiate Study
	2017	Initiate Study
	2018	Initiate Study
	2019	Initiate Study

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$1,320	\$1,800	\$1,800	\$1,800	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$330	\$450	\$450	\$450	\$0		
<b>Total</b>	\$0	\$1,650	\$2,250	\$2,250	\$2,250	\$0	\$0	\$8,400

**Revised Pool Projects**

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)
Wheat Ridge	Street Sweeper	\$75	Boulder County	Real-Time Information Marketing Program	\$56	Boulder County	Bus Stop Improvements	\$90
Bicycle Colorado/Lakewood	Mobility Education and Encouragement in Lakewood	\$79	Boulder County	East Boulder County Free-Fare Promotion	\$80			

**2016-038: Change project sponsor.**

**Existing**

Title: **High Line Canal Trail Underpass at Hampden and Colorado**

Project Type: **Bicycle and Pedestrian Projects (New)**

TIP-ID: **2016-038**

STIP-ID:

Open to Public: **2019**

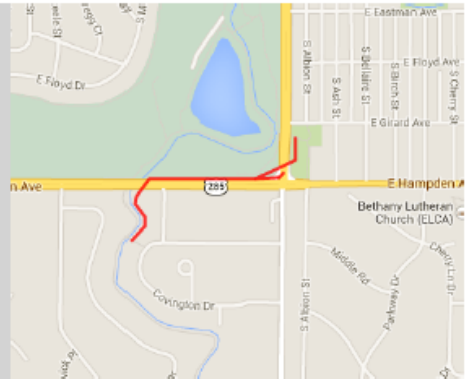
Sponsor: **Cherry Hills Village**

**Project Scope**

This project constructs two multi-use underpasses: one under Hampden Ave 1,500' west of Colorado Blvd, and another under Colorado Blvd 200' north of Hampden Ave. The 14' box culverts will accommodate new 10 ft multi-use trails from the existing pedestrian bridge at Monroe St to the underpass, along the north side of Hampden Ave to the other underpass and to the existing multi-use path on the east side of Colorado Blvd.

At least 10 covered bicycle parking spaces, ADA/AASHTO compliant lighting, and way-finding signage with destination and distance information will be included.

CDOT awarded TAP funding of \$1,000,000 in FY17.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
		Year	Phase
Cherry Hills Village	Arapahoe	2016	Initiate Environmental
Denver	Denver	2016	Initiate Design
		2017	Initiate ROW
		2018	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (TAP)		\$1,463	\$1,337	\$1,250	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$488	\$362	\$500	\$0	\$0		
<b>Total</b>	\$0	\$1,951	\$1,699	\$1,750	\$0	\$0	\$0	\$5,400

**Revised Pool Projects**

Title: **High Line Canal Trail Underpass at Hampden and Colorado**

Project Type: **Bicycle and Pedestrian Projects (New)**

TIP-ID: **2016-038**

STIP-ID:

Open to Public: **2019**

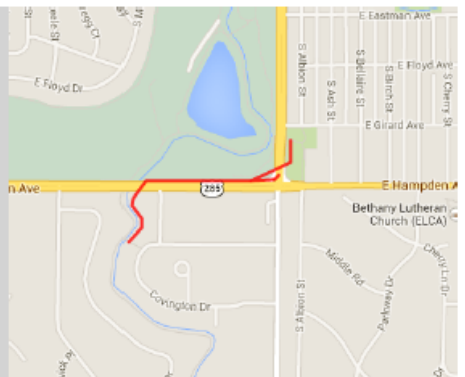
Sponsor: **Denver**

**Project Scope**

This project constructs two multi-use underpasses: one under Hampden Ave 1,500' west of Colorado Blvd, and another under Colorado Blvd 200' north of Hampden Ave. The 14' box culverts will accommodate new 10 ft multi-use trails from the existing pedestrian bridge at Monroe St to the underpass, along the north side of Hampden Ave to the other underpass and to the existing multi-use path on the east side of Colorado Blvd.

At least 10 covered bicycle parking spaces, ADA/AASHTO compliant lighting, and way-finding signage with destination and distance information will be included.

CDOT awarded TAP funding of \$1,000,000 in FY17.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
		Year	Phase
Cherry Hills Village	Arapahoe	2016	Initiate Environmental
Denver	Denver	2016	Initiate Design
		2017	Initiate ROW
		2018	Initiate Construction

**2007-094:** Add funds and project to the pool.

## 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	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (Safety)		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	<b>\$15,785</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,785</b>

## Revised Pool Project and Funding Table

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)
Valmont Rd	29th St	\$400						

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (Safety)		\$0	\$400	\$0	\$0	\$0		
Local		\$0	\$45	\$0	\$0	\$0		
<b>Total</b>	<b>\$15,785</b>	<b>\$0</b>	<b>\$445</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,230</b>