

To: Chair and Members of the Board of Directors

From: Douglas W. Rex, Executive Director
(303) 480-6701 or drex@drcoq.org

Meeting Date	Agenda Category	Agenda Item #
December 18, 2019	Action	

SUBJECT

2020-2023 Transportation Improvement Program (TIP) amendments.

PROPOSED ACTION/RECOMMENDATIONS

DRCOG staff recommends approval of the proposed amendments because they comply with the current TIP amendment procedures, as contained within the Board-adopted [2020-2023 TIP Policy](#).

ACTION BY OTHERS

[December 9, 2019](#) – TAC recommended approval
December 17, 2019 - RTC will make a recommendation

SUMMARY

DRCOG's transportation planning process allows for Board-approved amendments to the current Transportation Improvement Program (TIP) on an as-needed basis. Typically, these amendments involve the addition or deletion of projects, or adjustments to existing projects and do not impact funding for other projects in the TIP.

The TIP projects to be amended are shown below and listed in Attachment 1. The proposed amendments to the [2020-2023 Transportation Improvement Program](#) have been found to conform with the State Implementation Plan for Air Quality.

TIP Amendments

- **New Project** **I-25 Valley Highway: Phases 3 and 4**
Add \$60 million in State SB-1 funding for ROW purchases
- **New Project** **Region 1 Urban Roadway Arterial Safety Pool**
Add \$25 million in State SB-267 funding for regional safety improvements
- **2007-096** **Region 1 Surface Treatment Pool**
Add seven new pool projects using available funding
- **2018-014** **I-25 Capacity Improvements: Castle Rock to El Paso County Line**
Add \$26 million in State SB-267 funding to remove materials to finish roadway completion

PREVIOUS DISCUSSIONS/ACTIONS

N/A

PROPOSED MOTION

Move to approve the attached amendments to the *2020-2023 Transportation Improvement Program (TIP)*.

ATTACHMENT

1. Proposed TIP amendments

ADDITIONAL INFORMATION

If you need additional information, please contact Douglas W. Rex, Executive Director, at 303-480-6701 or drex@drcog.org; or Todd Cottrell, Senior Planner, Short Range Transportation Planning, Transportation Planning and Operations Division at 303-480-6737 or tcottrell@drcog.org.

New Project: Adds \$60 million primarily for ROW purchases to consolidate heavy and light rail tracks away from I-25 for highway safety improvements

New Project

Title: **I-25 Valley Highway: Phases 3 and 4**

Project Type: **Roadway Operational Improvements**

TIP-ID: **Request**

STIP-ID:

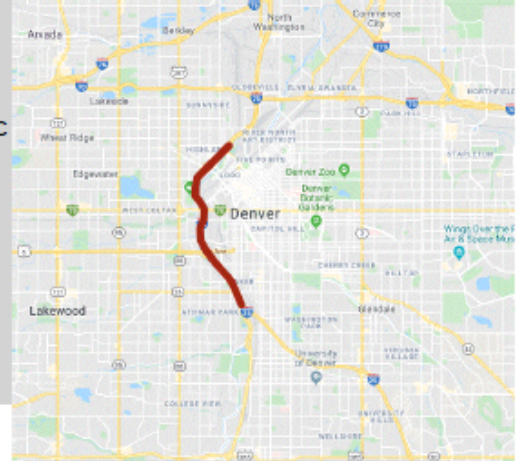
Open to Public:

Sponsor: **CDOT Region 1**

Project Scope

Valley Highway Phases 3 and 4 consolidate heavy and light rail tracks away from I-25 and provide space to improve safety through highway geometric and access improvements. This project also includes funding for I-25 Corridor Traffic and Revenue Study.

FY20 funds are primarily for ROW purchases.



Affected Municipality(ies)

Affected County(ies)

Denver

Denver

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		\$0	\$0	\$0	\$0		
State (SB-1)		\$60,000	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$0		
Total	\$0	\$60,000	\$0	\$0	\$0	\$0	\$60,000

New Project: Adds \$25 million for urban arterial safety investments, focused on bicycle and pedestrian mobility

New Project

Title: **Region 1 Urban Roadway Arterial Safety Pool**

Project Type: **Roadway Operational Improvements**

TIP-ID: **Request**

STIP-ID:

Open to Public:

Sponsor: **CDOT Region 1**

Project Scope

Urban arterial safety investments, with a focus on bicycle and pedestrian mobility. Improvements include shoulders, striping, medians, traffic signals, and safe crossings that align with DRCOG's Vision Zero elements.



- Affected County(ies)**
- Adams
 - Arapahoe
 - Broomfield
 - Denver
 - Douglas
 - Jefferson

- 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		\$0	\$0	\$0	\$0		
State (SB267)		\$25,000	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$0		
Total	\$0	\$25,000	\$0	\$0	\$0	\$0	\$25,000

2007-096: Add seven new pool projects using available FY 2023 funding

Existing

Title: Region 1 Surface Treatment Pool

Project Type: Roadway Reconstruction

TIP-ID: 2007-096

STIP-ID: SR15215

Open to Public:

Sponsor: CDOT Region 1

Project Scope

Projects in CDOT Region 1 to be approved for Pool Funding by Region 1 Director.



Affected County(ies)
Adams
Arapahoe
Broomfield
Denver
Douglas
Jefferson

Performance Measures	
<input type="checkbox"/>	Bridge Condition
<input type="checkbox"/>	Congestion
<input type="checkbox"/>	Freight Reliability
<input checked="" 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)
University	Arapahoe to Hampden	\$5,000	SH-74	I-70 to CR-65	\$2,500	SH-7	I-25 to US-85	\$8,000
US-85	Hampden to Florida	\$2,500	US-85	H. Ranch Pkwy to C-470	\$3,000	SH-121	I-70 to 65th Ave	\$4,000
Santa Fe	Florida to I-25	\$3,500	SH-88	University to I-25	\$4,000	US-40	Genesee to CR-93	\$5,000
US-85	124th to 168th	\$8,000	US-267	Colfax to I-70	\$4,000	I-76	York St to Dahlia St	\$12,000
Wadsworth	Bear Creek to 4th	\$5,500	US-6	SH-119 to SH-58/SH-93	\$5,000	US-85	I-76 to 124th Ave	\$4,000
I-25	County Line Rd to Belleview	\$12,000	I-25	SH-86 to Castle Pines Pkwy	\$2,500	SH-224	I-25 to US-6	\$5,000
I-225	I-25 to Parker Rd	\$7,500	I-70 EB	Georgetown to Empire Junction	\$3,000	I-70	Wadsworth Blvd to Pecos St	\$8,000
Colfax	Peoria to Sable	\$2,500	US-6	Loveland Pass to I-70	\$5,000	SH-2	MLK Blvd to US-6	\$3,000
Hampden	Dahlia to Yosemite	\$4,000	SH-67	MP 125.6 to SH-105	\$750	SH-83	E-470 to Arapahoe Rd	\$3,000
US-6	Frel Pk, east of I-70	\$3,000	I-70	Floyd Hill to Chief Hosa	\$11,000	SH-93	US-6/SH-56 to 58th Ave	\$4,000
SH-88 (Federal Blvd)	Alameda Ave to Hampden Ave	\$4,000	SH-86	Woodlands Blvd to IREA Access	\$8,000	SH-72	I-70 to Indiana St	\$4,000
SH-83 (Leetsdale Dr)	Mississippi Ave to Colorado Blvd	\$3,000	US-85	MP 191.75 to Louvers	\$4,000	US-40	MP 252 to I-70	\$5,000
Preventative Maintenance	Various Locations (\$2Myr)	\$8,000	US-36	28th St to Table Mesa Dr	\$4,000			
I-70	EJMT Tunnel Paving	\$3,000	US-85 NB	County Line Dr to Aspen Grove	\$2,000			

Amounts in \$1,000s	Prior Funding	FY20	FY21	FY22	FY23	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0		
State (Surface)		\$30,000	\$46,200	\$48,200	\$40,000		
Local		\$0	\$0	\$0	\$0		
Total	\$0	\$30,000	\$46,200	\$48,200	\$40,000	\$0	\$164,400

ATTACHMENT 1

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)
University	Arapahoe to Hampden	\$5,000	SH-88	University to I-25	\$4,000	US-85	I-76 to 124th Ave	\$4,000
US-85	Hampden to Florida	\$2,500	US-287	Colfax to I-70	\$4,000	SH-224	I-25 to US-6	\$5,000
Santa Fe	Florida to I-25	\$3,500	US-6	SH-119 to SH-58/SH-93	\$5,000	I-70	Wadsworth Blvd to Pecos St	\$8,000
US-85	124th to 168th	\$8,000	I-25	SH-86 to Castle Pines Pkwy	\$2,500	SH-2	MLK Blvd to US-6	\$3,000
Wadsworth	Bear Creek to 4th	\$5,500	I-70 EB	Georgetown to Empire Junction	\$3,000	SH-83	E-470 to Arapahoe Rd	\$3,000
I-25	County Line Rd to Belleview	\$12,000	US-6	Loveland Pass to I-70	\$5,000	SH-93	US-6/SH-58 to 58th Ave	\$4,000
I-225	I-25 to Parker Rd	\$7,500	SH-67	MP 125.6 to SH-105	\$750	SH-72	I-70 to Indiana St	\$4,000
Colfax	Peoria to Sable	\$2,500	I-70	Floyd Hill to Chief Hosa	\$11,000	US-40	MP 252 to I-70	\$5,000
Hampden	Dahlia to Yosemite	\$4,000	SH-86	Woodlands Blvd to IREA Access	\$8,000	I-70	Chief Hosa to Colfax Ave.	\$9,500
US-6	Frei Pit, east of I-70	\$3,000	US-85	MP 191.75 to Louviers	\$4,000	SH-391	Hampden Ave to Jewell Ave	\$4,000
SH-88 (Federal Blvd)	Alameda Ave to Hampden Ave	\$4,000	US-36	28th St to Table Mesa Dr	\$4,000	US-287	I-70 to 92nd Ave	\$6,600
SH-83 (Leetsdale Dr)	Mississippi Ave to Colorado Blvd	\$3,000	US-85 NB	County Line Dr to Aspen Grove	\$2,000	SH-265	I-70 to US-6	\$4,600
Preventative Maintenance	Various Locations (\$2M/yr)	\$8,000	SH-7	I-25 to US-85	\$8,000	SH-8	Soda Lakes Rd to Bear Creek Blvd	\$1,000
I-70	EJMT Tunnel Paving	\$3,000	SH-121	I-70 to 65th Ave	\$4,000	SH-83	Stroh Rd to Hilltop Rd	\$4,000
SH-74	I-70 to CR-65	\$2,500	US-40	Genesee to CR-93	\$5,000	SH-121	Chatfield Ave to Bowles Ave	\$5,700
US-85	H. Ranch Pkwy to C-470	\$3,000	I-76	York St to Dahlia St	\$12,000			

2018-014: Add \$26 million to remove unsuitable materials to allow for project completion

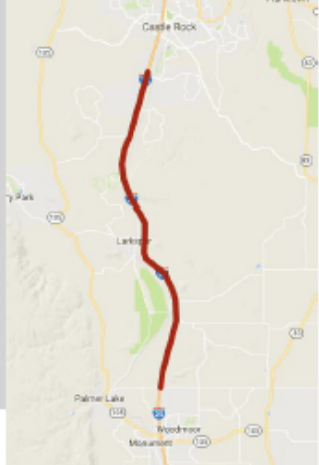
Existing

Title: **I-25 Capacity Improvements: Castle Rock to El Paso County Line** Project Type: **Roadway Capacity**
 TIP-ID: **2018-014** STIP-ID: Open to Public: **2021** Sponsor: **CDOT Region 1**

Project Scope

Add one new express lane in each direction from Castle Rock to the El Paso County line.

Total CDOT project cost is approximately \$367 million and extends south of the DRCOG boundary to Monument.



Affected County(ies)
 Douglas

- 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		\$0	\$0	\$0	\$0		
Federal (FR8)		\$8,000	\$0	\$0	\$0		
Federal (INFRA)		\$0	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0		
State (FASTER-B)		\$0	\$0	\$0	\$0		
State (Faster-S)		\$0	\$0	\$0	\$0		
State (SB-1)		\$0	\$0	\$0	\$0		
State (SB267)		\$0	\$0	\$0	\$0		
State (Surface)		\$0	\$0	\$0	\$0		
Local		\$50	\$0	\$0	\$0		
Total	\$321,500	\$8,050	\$0	\$0	\$0	\$0	\$329,550

Revised

Amounts in \$1,000s	Prior Funding	FY20	FY21	FY22	FY23	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0		
Federal (FR8)		\$8,000	\$0	\$0	\$0		
Federal (INFRA)		\$0	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0		
State (FASTER-B)		\$0	\$0	\$0	\$0		
State (Faster-S)		\$0	\$0	\$0	\$0		
State (SB-1)		\$0	\$0	\$0	\$0		
State (SB267)		\$26,000	\$0	\$0	\$0		
State (Surface)		\$0	\$0	\$0	\$0		
Local		\$50	\$0	\$0	\$0		
Total	\$321,500	\$34,050	\$0	\$0	\$0	\$0	\$355,550