

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **RTD Preventive Maintenance: Transit Vehicle Overhaul and Maintenance**

Project Type: **Transit Vehicles**

TIP-ID: **1997-084**

STIP-ID: **N/A**

Open to Public:

Sponsor: **R T D**

## Project Scope

Ongoing program: Overhaul and maintenance for transit vehicles. A portion of these 5307 funds will be applied to capital cost of contracting. RTD has privatized service on fixed-routes and private carriers provide capital maintenance in addition to fixed-route bus service. In addition to routine capital maintenance, RTD will apply 5307 capital maintenance funds to bus fuel cost and utility cost for LRT vehicles as a result of the Federal Transit Administration expanded definition of allowable cost.



Affected County(ies)

Regional

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (5307)		\$55,691	\$56,248	\$56,810	\$57,378	\$114,756		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$11,195	\$11,250	\$11,365	\$11,475	\$22,955		
<b>Total</b>		<b>\$0</b>	<b>\$66,886</b>	<b>\$67,498</b>	<b>\$68,175</b>	<b>\$68,853</b>	<b>\$0</b>	<b>\$409,123</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP
05/16/2013	Amended	Add \$3,140,000 in FY2013, \$140,000 in FY2014, and \$140,000 in FY2015 of federal Section 5307 funds and \$28,000 in FY2013, \$28,000 in FY2014, and \$28,000 in FY2015 of local match to correct a previous mistake. Increase total project funds.
07/17/2012	Amended	Update project scope to include "In addition to routine capital maintenance, RTD will apply 5307 capital maintenance funds to bus fuel cost and utility cost for LRT vehicles as a result of the Federal Transit Administration expanded definition of allowable cost." Total project funding remains unchanged.
03/13/2012	Amended	Reallocate \$5,000,000 of federal Section 5307 funding from FY2013 to FY2012 and add \$2,500,000 of local funding in FY2012. Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/22/2007	Amended	Add the following to Federal funds; \$2,388,000 to FY 2007, \$1,457,000 to FY 2008, and \$651,000 to FY 2009. Add local match funds in the amounts of \$597,000 to FY 2007, \$364,000 to FY 2008, and \$163,000 to FY 2009. Total project costs increase by \$5,620,000 (\$4,496,000 in Section 5307 funds and \$1,124,000 in local funds).
06/14/2006	Approved	Adopted into the 2007-2012 TIP
03/17/2004	Approved	Adopted into the 2005-2010 TIP
05/15/2002	Approved	Adopted into the 2003-2008 TIP
03/21/2001	Amended	Decrease in local funding to reflect actual apportionment
11/15/2000	Approved	Adopted into the 2001-2006 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **State of Good Repair**

Project Type: **Transit Operational Improvements**

TIP-ID: **1999-052**

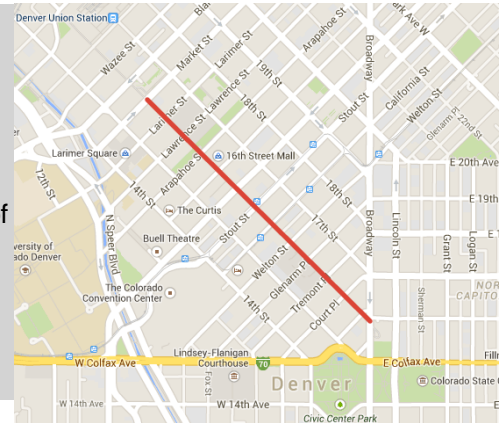
STIP-ID: **SST6740.010**

Open to Public:

Sponsor: **R T D**

## Project Scope

Funds will be used for upgrades and maintenance of the 16th St Mall from Broadway to Market St. Funds will also be used for RTD's transfer facilities at each end of the 16th St Mall, and other fixed guideway assets. Funds will also go toward on-going maintenance of rail guideways, and preventative maintenance of the Fixed Guideway Rail and assets, including maintenance of the LRT Rolling stock and LRT maintenance support. Includes funds for State of Good Repair funding and high-intensity motor bus.



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 (5337)		\$11,000	\$11,000	\$11,000	\$11,000	\$22,000		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$2,500	\$2,500	\$2,500	\$2,500	\$5,000		
<b>Total</b>		\$0	\$13,500	\$13,500	\$13,500	\$27,000	\$0	\$81,000

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP
05/16/2013	Amended	Change project title from "RTD Fixed Guideway Improvements, Upgrades, and Maintenance" to "State of Good Repair." Update project scope, adding "Includes funds for State of Good Repair funding and high-intensity motor bus." Change all funding from Section 5309 Fixed Guideway to Section 5337 State of Good Repair. Total project funding remains unchanged.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
02/17/2010	Amended	Increase Section 5309 Fixed Guideway funds by \$10,314,000 and adjust the fiscal years as follows; increase FY 2010 by \$8,589,000, FY 2011 by \$3,295,000, and decrease FYs 2012-2013 by \$1,570,000. Increase local funds by \$4,878,000 and adjust the fiscal years as follows; increase FY 2010 by \$2,147,000, FY 2011 by \$824,000 and FYs 2012-2013 by \$1,907,000. Increase total project funding.
12/07/2009	Amended	Transfer federal 5309 Fixed Guideway funds in the amounts of \$4,935,000 from FY 2008 and \$5,453,000 from FY 2009, to FY 2010, and local funds in the amounts of \$1,234,000 in FY 2008 and \$1,363,000 in FY 2009, to FY 2010. Total funding remains unchanged.
06/23/2009	Amended	Add the following language to the existing scope; "preventative maintenance of the Fixed Guideway Rail and assets, including maintenance of the LRT Rolling stock and LRT maintenance support." No changes to funding.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/14/2006	Approved	Adopted into the 2007-2012 TIP
03/17/2004	Approved	Adopted into the 2005-2010 TIP
01/08/2004	Amended	Specify the following in the scope: constructing central corridor passing trackage and upgrades to fiber optic system, power distribution system, public address message system, and ticket vending machine software.
07/25/2003	Amended	Reduce FTA 5309 Guideway funds by \$32k and local by \$8k in FY03. Change the first part of the project name from "16th Street Mall" to "RTD Fixed Guideway"
05/15/2002	Approved	Adopted into the 2003-2008 TIP
03/21/2001	Amended	Fund reduction to reflect actual apportionment
11/15/2000	Approved	Adopted into the 2001-2006 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Regional Transportation Demand Management (TDM) Program Pool** Project Type: **Congestion Management**

TIP-ID: **1999-097**

STIP-ID:

Open to Public:

Sponsor: **DRCOG**

## Project Scope

The Regional TDM Program funds projects that promote alternatives to SOV travel, with the intent to reduce mobile source emissions.

This pool includes funds for seven TMA regional partnerships and other TDM projects selected through a call for projects.



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)
36 Commuting Solutions (TMA)	Reg. TDM Program (FY16-17)	\$160	Transportation Solutions (TMA)	Reg. TDM Program (FY16-17)	\$160	eGo Carshare	Multi-modal Access Pass Marketing Campaign and Fleet Expansion (FY16-17)	\$112
Boulder Transportation Connections (TMA)	Reg. TDM Program (FY16-17)	\$160	RTD	Bike-n-Ride Storage Facilities: Aurora and East Line (FY16-17)	\$300	Bike Denver	Ambassador Program (FY16-17)	\$248
Denver South (TMA)	Reg. TDM Program (FY16-17)	\$160	RTD	Bike-n-Ride Shelters: Broomfield/Sheridan Stations (FY16-17)	\$259	Walk Denver	Wayfinder Academy (FY16-17)	\$145
Downtown Denver Partnership, Inc. (TMA)	Reg. TDM Program (FY16-17)	\$160	Boulder County	Real-Time Transit Signage Project: Boulder County (FY16-17)	\$258	Transportation Solutions (TMA)	Access Cherry Creek/Access Colorado Blvd (FY16-17)	\$200
Northeast Transportation Connections (TMA)	Reg. TDM Program (FY16-17)	\$160	Golden	Bike Library: City of Golden (FY16-17)	\$164	RAQC	Every Trip Counts - Smart Commute Metro North (FY16-17)	\$286
Smart Commute Metro North (TMA)	Reg. TDM Program (FY16-17)	\$160	Groundwork Denver	Community-Based Social Marketing Project (FY16-17)	\$238	Community Cycles	Community Multi-modal Transportation Center (FY16-17)	\$124

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$3,454	\$0	\$3,200	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$864	\$0	\$800	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$4,318</b>	<b>\$0</b>	<b>\$4,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,318</b>

Date	Status	Description
05/19/2016	Amended	Change both the sponsorships of Bike-N-Ride Storage Facilities: Aurora and East Line and Bike-N-Ride Storage Facilities: Broomfield/Sheridan Stations to RTD. Total project funding remains unchanged.
10/23/2015	Amended	Add \$254,000 of federal CMAQ funds in FY2016. Change scope to read "The Regional TDM Program funds projects that promote alternatives to SOV travel, with the intent to reduce mobile source emissions.  This pool includes funds for seven TMA regional partnerships and other TDM projects selected through a call for projects." Add the following projects and corresponding amounts to pool; Aurora - Bike-n-Ride Storage Facilities: Aurora and East Line (FY16-17) for \$300,000; 36 Commuting Solutions (TMA) - Bike-n-Ride Shelters: Broomfield/Sheridan Stations (FY16-17) for \$258,623; Boulder County - Real Time Transit Signage Project: Boulder County (FY16-17) for \$257,935; Golden - Bike Library: City of Golden (FY16-17) for \$164,144; Groundwork Denver - Community-Based Social Marketing Project: West/North-Central Denver and Commerce City (FY16-17) for \$238,493; eGo Carshare - Multi-modal Access Pass Marketing Campaign and Fleet Expansion (FY16-17) for \$111,767; Bike Denver - Ambassador Program (FY16-17) for \$248,369; Walk Denver - Wayfinder Academy (FY16-17) for \$144,550; Transportation Solutions (TMA) - Access Cherry Creek/Access Colorado Blvd (FY16-17) for \$200,000; RAQC - Every Trip Counts - Smart Commute Metro North (TMA) (FY16-17) for \$286,364; Community Cycles - Community Multi-modal Transportation Center (FY16-17) for \$124,235; 36 Commuting Solutions (TMA) - Reg. TDM Program (FY16-17) for \$160,000; Downtown Denver Partnership, Inc (TMA) - Reg. TDM Program (FY16-17) for \$160,000; Denver South (TMA) - Reg. TDM Program (FY16-17) for \$160,000; Boulder Transportation Connections (TMA) - Reg. TDM Program (FY16-17) for \$160,000; Northeast Transportation Connections (TMA) - Reg. TDM Program (FY16-17) for \$160,000; Smart Commute Metro North (TMA) - Reg. TDM Program (FY16-17) for \$160,000; and Transportation Solutions (TMA) - Reg. TDM Program (FY16-17) for \$160,000. Increase total project funding.
04/16/2015	Approved	Adopted into the 2016-2021 TIP
02/19/2014	Amended	Remove pool project Downtown Denver Partnership: Let's Go LODO for \$145,000 of Federal CMAQ funds in FY2014 and add Community Cycles: Bus-Bike Shelters/BikeStation: Promotion and Services [Boulder] for \$80,000 of Federal CMAQ in FY2014.

Date	Status	Description
12/11/2013	Amended	Transfer \$450,000 of federal STP Metro funds in FY2014 to TIPID #2007-044 and receive \$450,000 of federal CAMQ funds in FY2014 from TIPID #2007-044. Total project funding remains unchanged.
09/20/2013	Amended	Add \$337,000 of federal CMAQ funds and \$84,000 of local match in FY2014. Add 11 new pool projects in FY2014 and increase funding to the six Regional TDM Program projects by \$160,000 each and add one new Regional TDM Program for \$80,000 in FY2015. Increase total project funding.
10/04/2012	Amended	Reallocate \$1,203,000 of federal CMAQ funds, \$225,000 of federal STP Metro funds, and \$357,000 of local match from FY2015 to FY2014. Total project funding remains unchanged.
10/18/2011	Amended	Reallocate \$225,000 in federal STP-Metro funds, \$1,203,000 in federal CMAQ funds and \$357,000 in local match from FY2013 to FY2012. Total project funding remains unchanged.
10/13/2011	Amended	Add the following new projects for FY2012-13: <ul style="list-style-type: none"> <li>•eGo CarShare- SHIFT Your Mode, Shift Your Mood (\$218,566)</li> <li>•Boulder East- Community Investment Program (\$150,000)</li> <li>•RTD- Marketing of RTD Region-Wide FlexPass Program (\$194,076)</li> <li>•Groundwork Denver- NW Denver Community-based Social Marketing VMT Reduction Program (\$145,710)</li> <li>•South I-25 Urban Corridor TMA- Million Mile Challenge (\$138,349)</li> <li>•Transportation Solutions- Parker/Leetsdale Corridor Campaign (\$64,000)</li> <li>•36 Commuting Solutions- US-36 Transit Incentive Program (\$119,218)</li> <li>•Boulder County- Nederland Monthly Pass Program (\$108,799)</li> <li>•Community Cycles- Employee Bike Ambassadors (\$50,000)</li> <li>•RAQC (Wadsworth Corridor)- Every Trip Counts (\$226,082)</li> <li>•Boulder County- Diagonal Highway Vehicle Trip Reduction Program (\$51,200)</li> <li>•Stapleton TMA- Building an Active Stapleton (\$50,000)</li> <li>•Bike Denver- Denver Special Event Bike Parking (\$50,000)</li> <li>•B-cycle (Denver)- Denver B-cycle Winter Warriors Campaign and Marketing (\$50,000)</li> <li>•NATA (Thornton)- NATA Transportation Management Organization Start Up (\$156,000)</li> </ul> Correct previous pool project funding levels to reflect federal only, instead of federal and local match. Total project funding remains unchanged.
06/20/2011	Amended	Add the following pool projects: 36 Commuting Solutions Regional TDM Program (FY12-13) (\$193,000), Boulder East Community Regional TDM Program (FY12-13) (\$193,000), Downtown Denver Partnership Regional TDM Program (FY12-13) (\$193,000), Southeast Business Partnership Regional TDM Program (FY12-13) (\$193,000), Stapleton Area TMA Regional TDM Program (FY12-13) (\$193,000), Transportation Solutions Regional TDM Program (FY12-13) (\$193,000), Unallocated FY2012-2013 (\$2,257,000), and Unallocated FY2014-2015 (\$3,570,000). Total pool funding remains unchanged.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
07/23/2009	Amended	Add the following projects and corresponding amounts to the pool; eGo Carshare for \$195,000, Groundwork Denver for \$160,000, Transportation Solutions for \$144,000, Boulder East: E-Marketing Campaign for \$180,000, 36 Commuting Solutions: Commute Optimization Program for \$154,000, RAQC-Pilot TDM for \$200,000, Go Boulder Drive Less for \$105,000, South I-25 Pledge Against Pollution Program for \$50,000, I-70 Coalition Rec. Trip Planner for \$68,000, Boulder County Final Mile for \$115,000, DDP-Bicycle Parking Improvements for \$61,000, and Transit Alliance: 10 Toes Express for \$153,000. Modify two existing projects; delete Skicarpool.com and reduce Stapleton TMA by \$135,000 to \$15,000. Reduce federal CMAQ funds by \$700,000 and local funds by \$175,000 in both FY's 2010 and 2011 and transfer to FY 2009. Total funding remains unchanged.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/08/2007	Amended	Add 14 new projects to the pool.
06/14/2006	Approved	Adopted into the 2007-2012 TIP
03/17/2004	Approved	Adopted into the 2005-2010 TIP
12/17/2002	Amended	\$300K in CM/AQ funding advanced into FY03 with reductions of \$107K in FY04 and \$193K in FY05; zero net change in federal funding. Local match amounts redistributed to be 20% of total by year.
05/15/2002	Approved	Adopted into the 2003-2008 TIP
11/15/2000	Approved	Adopted into the 2001-2006 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **US-85: Cook Ranch Rd to Meadows Pkwy Widening**

Project Type: **Roadway Capacity**

TIP-ID: **2001-154**

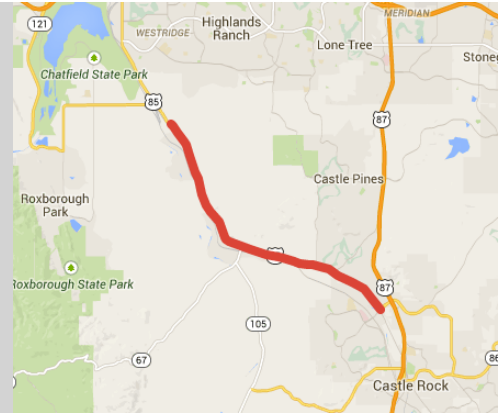
STIP-ID: **SDR5055**

Open to Public: **2020**

Sponsor: **CDOT Region 1**

## Project Scope

Design and construct capacity improvements determined by the I-25 / US-85 Corridor EIS Record of Decision (see also TIP-ID 1999-002 in the 2001-2006 TIP). Widen from Cook Ranch Rd to Meadows Pkwy from 2 to 4 lanes.



Affected Municipality(ies)	Affected County(ies)
Castle Rock Littleton	Douglas

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (R P P)		\$0	\$6,500	\$8,900	\$3,500	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	<b>\$65,298</b>	<b>\$0</b>	<b>\$6,500</b>	<b>\$8,900</b>	<b>\$3,500</b>	<b>\$0</b>	<b>\$37,300</b>	<b>\$121,498</b>

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021
01/17/2012	Amended	Reallocate \$4,000,000 of state RPP funds from FY2013 to FY2012. Add \$1,000,000 of state Regional Priority Projects (RPP) funding in FY2012. Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
12/22/2010	Amended	Add \$700,000 of state Regional Priority Project (RPP) funds to FY 2011. Increase total project funding.
05/19/2010	Amended	Add \$350,000 of state Regional Priority Project (RPP) funds in FY 2010. Increase total project funding.
04/06/2009	Amended	Add \$451,000 of Section 1117 Transportation, Community and System Preservation (TCSP) funds to FY 2009. Increase total project funding.
03/23/2009	Amended	Add \$5,400,000 of ARRA (ES9-CDOT) funds, \$1,800,000 of Regional Priority Project (RPP) funds, and \$1,750,000 of state Surface Treatment Funds to FY 2009
04/21/2008	Amended	Add \$358,000 of HB-1310 Regional Priority Projects (RPP) funds in FY 2008. Increase total project funding.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
11/29/2007	Amended	Add \$8,000,000 of HB-1310 Regional Priority Projects (RPP) funds to FY 2008 and reduce future funding by \$8,000,000. Total funding remains unchanged.
12/19/2006	Approved	Decrease prior funds by \$7,225,000 and FY2008 RPP by \$6,250,000. Add \$5,000,000 in FY2007 RPP (Source HB 1310). Total project cost to remain the same.
06/14/2006	Approved	Adopted into the 2007-2012 TIP
05/24/2006	Amended	Add \$194,000 of federal earmark to the \$661,000 that was already TIPed. Increase total cost.
03/27/2006	Amended	Add \$9,625,000 of Regional Priority Program funds (source: \$2,400,000 in HB-1310 funds and \$7,225,000 in State General Fund dollars) in FY 2006 and delete \$500,000 in RPP funds in FY 2007, and \$9,125,000 in future. Total project cost remains the same.
04/26/2005	Amended	Add \$661,000 of federal discretionary funds in FY05. Increase total project cost.
12/21/2004	Amended	Add \$2,800,000 of Regional Priority Projects funds (source: HB 1310) in FY05. Add \$1,300,000 of local match in FY05. Increase total project funding.
10/18/2004	Amended	Decrease FY05 Regional Priority Projects funds by \$1,275,000 as a result of bid savings. Decrease total funding.
03/17/2004	Approved	Adopted into the 2005-2010 TIP
06/04/2002	Amended	Transferred \$1.983M from Titan Rd (TIPID # 99-002) project to this project due to a TCSP grant for the Titan Rd project.
03/14/2002	Amended	Reduce planned funding in FY03 from \$8M to 1M. Project will continue with design and delay construction.
11/06/2001	Amended	Borrowed \$7.2 million from Intermountain TRP to be paid back in FY04.
03/21/2001	Amended	Deferment of \$3.0M required in order to transfer to Titan Road
11/15/2000	Approved	Adopted into the 2001-2006 TIP



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **FasTracks Projects: DRCOG First Commitment Pool**

Project Type: **Transit Operational Improvements**

TIP-ID: **2007-044**

STIP-ID: **ST6803**

Open to Public: **2017**

Sponsor: **R T D**

## Project Scope

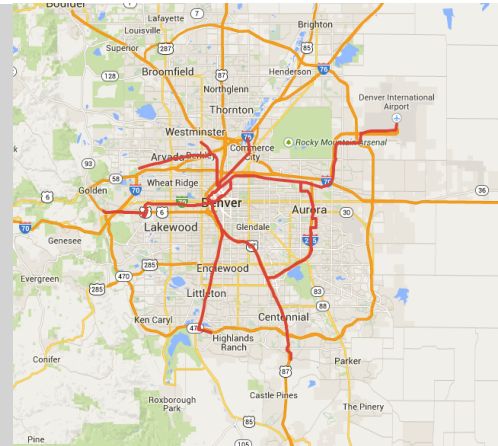
Funding allocated to RTD by DRCOG Board to be used on FasTracks-related projects.

2016-2021 TIP projects provide funding for the following FasTracks projects:

- Southeast Corridor (FY2016)
- North Metro Corridor (FY2016)

2012-2017 TIP projects provided funding for the following FasTracks projects:

- Gold Line - Pecos Station (FY2012)
- East/I-225 Corridors- Smith/Peoria Station (FY2012)
- Northwest Corridor- 41st and Fox Station (FY2012 & FY2014)
- Commuter Rail Vehicles (FY2014)



Affected County(ies)

Regional

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$4,000	\$0	\$0	\$0	\$0		
Federal (STP-M)		\$4,000	\$0	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$2,000	\$0	\$0	\$0	\$0		
<b>Total</b>	<b>\$65,000</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$75,000</b>

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021
09/21/2015	Amended	Update project scope to include "East Corridor- vehicles (FY2015)"
07/15/2014	Amended	Update project scope to include 'North Metro Corridor (FY2016)' and 'Southeast Corridor (FY2016 & FY2017).' Total project funding remains unchanged.
04/10/2014	Amended	Update the project scope to replace 'Gold Line - 41st and Fox Station (FY2012)' with 'Gold Line - Pecos Station (FY2012).'
02/19/2014	Amended	Update the project scope to replace 'Gold Line - Ward Road Station (FY2012)' and 'Denver Union Station - (FY2014)' with 'Gold Line - 41st and Fox Station (FY2012)' and 'Commuter Rail Vehicles - (2014).'
01/07/2014	Amended	Move \$450,000 of Federal CMAQ funds from FY2015 to FY2014. Move \$450,000 of Federal STP-M funds from FY2014 to FY2015. Total project funding remains unchanged.
12/11/2013	Amended	Transfer \$450,000 of federal CMAQ funds in FY2014 to TIPID #1999-097 and receive \$450,000 of federal STP Metro funds in FY2014 from TIPID #1997-097. Total project funding remains unchanged.
05/16/2013	Amended	Update project scope to change the use of East Corridor funds in FY2009 and switch the FY2014 use of North Metro federal funds to Denver Union Station, replacing the North Metro corridor's First Commitment Funds with local RTD. Total project funding remains unchanged.
08/16/2012	Amended	Update project scope to read "Project will provide funding for the following FasTracks projects: • Gold Line –Ward Road Station (FY2012) • East/I-225 Corridors- Smith/Peoria Station (FY2012) • Northwest Corridor- 41st and Fox Station (FY2012 & FY2014) • North Metro Corridor- TBD (FY2014)" Total project funding remains unchanged.
12/05/2011	Amended	Reallocate \$6,000,000 of federal CMAQ funds and \$1,500,000 of local match from FY2013 to FY2012. Total project funding remains unchanged.
10/13/2011	Amended	Update scope to read:'2012 funds for the Gold Line will be used for construction of the 41st Ave Station (2011 funds from previous TIP were also used for Gold Line). Remaining 2012 funds and 2013 funds will for the I-225 Corridor's Iliff Station.Total project funding remains unchanged.
09/15/2011	Amended	Update scope to read:'2012 funds for the Gold Line will be used for construction of the Ward Road Station (2011 funds from previous TIP were also used for Gold Line). Remaining 2012 funds and 2013 funds will for the I-225 Corridor's Iliff Station.Total project funding remains unchanged.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
12/22/2010	Amended	Add specific location (Table Mesa) for one pedestrian crossing. Total funding remains unchanged.
12/07/2009	Amended	Adding language to the scope indicating the specific use and expenditure timeframe of CMAQ funds to satisfy federal requirements. Total funding remains unchanged.
03/19/2008	Approved	Adopted into the 2008-2013 TIP

Date	Status	Description
03/19/2008	Approved	Adopted into the 2008-2013 TIP
02/13/2008	Amended	Reduce CMAQ funds in FY 2008 by \$200,000 and allocate to prior funding. Total funding remains unchanged.
06/14/2006	Approved	Adopted into the 2007-2012 TIP



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **FasTracks Northwest Rail Corridor**

Project Type: **Rapid Transit**

TIP-ID: **2007-050**

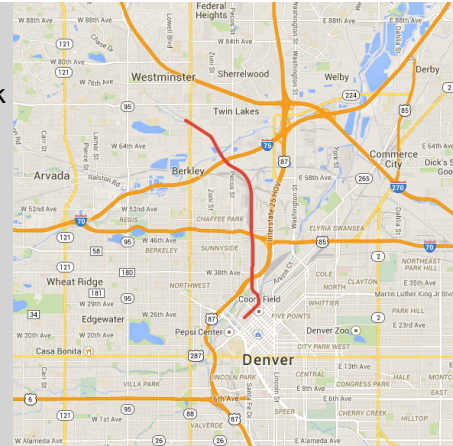
STIP-ID: **SST7015.007**

Open to Public: **2018**

Sponsor: **R T D**

## Project Scope

Completion of Phase I rail to Westminster, and completion of the Longmont Station Transfer Center, which will include a bus transfer facility, 240-space Park-n-Ride, and passenger waiting area.



Affected Municipality(ies)	Affected County(ies)
Denver	Adams
Westminster	Denver
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)		\$5,362	\$1,494	\$0	\$0	\$0		
<b>Total</b>	<b>\$125,640</b>	<b>\$5,362</b>	<b>\$1,494</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$132,496</b>

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021
02/21/2013	Amended	Reduce local funding by \$218,574,000 in Previous Funding, \$18,506,000 in FY2012, \$110,098,000 in FY2013, \$197,015,000 in FY2014, \$178,009,000 in FY2015, and \$96,119,000 in FY2016-17. Update project scope and title to reflect the change in project termini from Longmont (1st Ave and Terry St) to Westminster (71st Ave). Decrease total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
10/27/2008	Amended	Reduce prior funding and local funds in FY 2008 and FY 2009 to \$0, and increase local funds in FY 2010 by \$111,208,000, FY 2011 by \$80,671,000 and future funding by \$27,801,000. Reduce FY's 2012-2013 by \$73,083,000. Increase total project funding.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **FasTracks Central Corridor: 30th Ave & Downing St to 38th Ave & Blake St**

Project Type: **Rapid Transit**

TIP-ID: **2007-053**

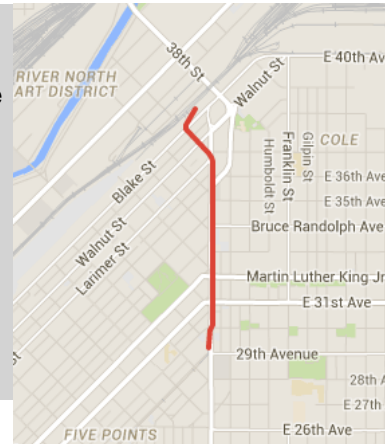
STIP-ID: **SST7015**

Open to Public:

Sponsor: **R T D**

## Project Scope

The Central Corridor Extension begins at the 30th Ave and Downing Station and extends north approximately 0.8 miles to the 38th/Blake Station, which will serve as a transfer station to the East Corridor. The alignment will operate within a traffic lane in each direction along Downing St from 30th Ave and Downing St to 36th Ave. The alignment will continue along 36th Ave from Downing St to the 38th Ave and Blake St station.



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	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local (RTD)		\$14	\$15	\$0	\$0	\$0	\$0	
<b>Total</b>	<b>\$10,702</b>	<b>\$14</b>	<b>\$15</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,731</b>

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021
02/21/2013	Amended	Remove all funding for the current TIP and add \$10,702,000 to Previous Funding. Decrease total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
10/27/2008	Amended	Reduce local funds from prior funding through FY 2011 to \$0, increase fiscal years 2012-2013 by \$9,012,000, and reduce future funding by \$1,442,000. Decrease total project funding.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



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

TIP-ID: **2007-055**

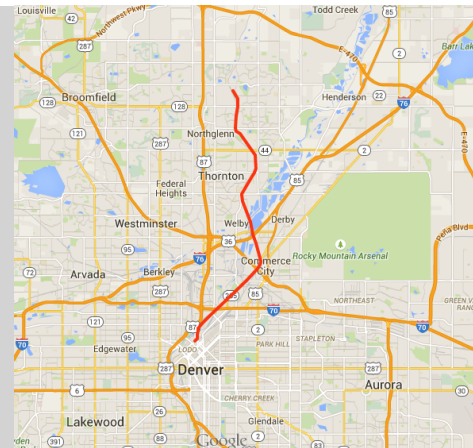
STIP-ID: **SST7015.008**

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		
<b>Total</b>	<b>\$283,988</b>	<b>\$252,627</b>	<b>\$147,367</b>	<b>\$14,248</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$698,230</b>

Date	Status	Description
07/20/2015	Amended	Change project name to "FasTracks North Metro: Denver Union Station to Eastlake / 124th Ave." Update project scope to read "Commuter rail corridor from Denver Union Station to Eastlake / 124th Ave, Thornton, generally following the UP Boulder Branch right-of-way." Update project map to include limit extension to Eastlake / 124th Ave. Add \$126,308 to Previously Funded; add \$80,143,000 of local RTD funds in FY2016; add \$62,677,000 of local RTD funds in FY2017; and add \$9,508,000 of local RTD funds in FY2018. Increase total project funding.
04/16/2015	Approved	Proposed for adoption into 2016-2021
02/21/2013	Amended	Increase Previous Funds by \$5,456,000. Reduce local funding by \$18,000,000 in FY2012, \$23,913,000 in FY2013, \$29,431,000 in FY2014, \$45,432,000 in FY2015, \$361,640,000 in FY2016-17, and \$64,869,000 in Future Funds. Update project scope and title to reflect the change in project termini from 160th Ave to 72nd Ave. Decrease total project funding.
11/17/2011	Amended	Increase total project funds by \$7,175,000 and reallocate project funds between fiscal years resulting in local funding of \$75,000,000 in Previously Programmed, \$18,000,000 in FY2012, \$47,000,000 in FY2013, \$83,000,000 in FY2014, \$83,000,000 in FY2015, \$397,000,000 in FY2016-2017 and \$239,000,000 in Future Funding. Increase total project funding consistent with the 2011 FasTracks Financial Plan.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
10/27/2008	Amended	Reduce prior funding and local funds through FY 2011 to \$0. Increase funding in FY 2012-2013 by \$145,184,000 and future funding by \$145,157,000. Increase total project funding.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **FasTracks I-225 LRT Corridor: Parker Rd to East Corridor Commuter Rail** Project Type: **Rapid Transit Rail**

TIP-ID: **2007-056**

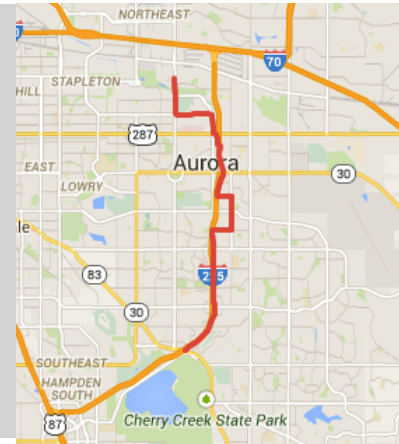
STIP-ID: **SST7015**

Open to Public: **2016**

Sponsor: **R T D**

## Project Scope

Extend double-track light rail train from the Southeast Corridor Nine Mile Station to Smith/Peoria and intersect the East Corridor.



Affected Municipality(ies)	Affected County(ies)
Aurora	Adams Arapahoe

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local (RTD)		\$76,508	\$0	\$0	\$0	\$0	\$0	
<b>Total</b>	<b>\$684,248</b>	<b>\$76,508</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$760,756</b>

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021
02/21/2013	Amended	Reduce total project funding by \$36,021,000 in local funds and advance funds from FY2015, FY2016-17, and Future Funds resulting in \$208,047,000 in Previous Funding, \$0 in FY2012, \$211,896,000 in FY2013, \$168,800,000 in FY2014, \$95,505,000 in FY2015, and \$2,731,000 in FY16-17 of local funds. Decrease total project funding.
11/17/2011	Amended	Increase total project funds by \$41,055,000 and reallocate project funds between fiscal years resulting in local funding of \$151,000,000 in Previously Programmed, \$27,000,000 in FY2012, \$27,000,000 in FY2013, \$80,000,000 in FY2014, \$158,000,000 in FY2015, \$280,000,000 in FY2016-2017 and \$27,000,000 in Future Funding. Increase total project funding consistent with the 2011 FasTracks Financial Plan.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
10/27/2008	Amended	Reduce prior funding and local funds through FY 2010 to \$0. Increase local funds in FY 2011 by \$49,155,000, FY 2012-2013 by \$59,195,000 and future funding by \$93,145,000. Increase total project funding.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **FasTracks Southwest Corridor Extension: Mineral Station to C-470**

Project Type: **Rapid Transit**

TIP-ID: **2007-058**

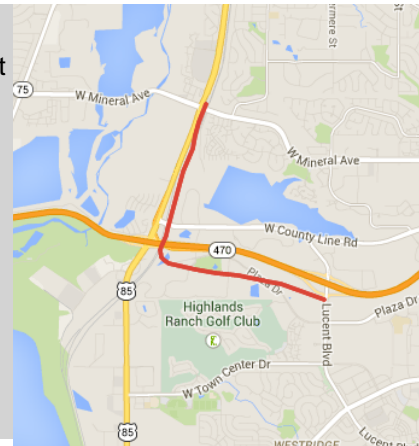
STIP-ID: **SST7015**

Open to Public:

Sponsor: **R T D**

## Project Scope

Extend the Southwest Corridor light rail from the Mineral Station to C-470/Lucent Blvd in Highlands Ranch.



Affected Municipality(ies)	Affected County(ies)
Littleton	Arapahoe Douglas

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)		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	\$23,150	\$0	\$0	\$0	\$0	\$0	\$0	\$23,150

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021
02/21/2013	Amended	Remove all funding for the current TIP and reduce Previous Funding to \$23,150,000. Decrease total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
10/27/2008	Amended	Reduce local funds through FY 2010 to \$0 and future funding by \$74,101,000. Increase local funds in FY 2011 by \$44,418,000 and FY's 2012-2013 by \$75,162,000. Increase total project funding.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



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

TIP-ID: **2007-059**

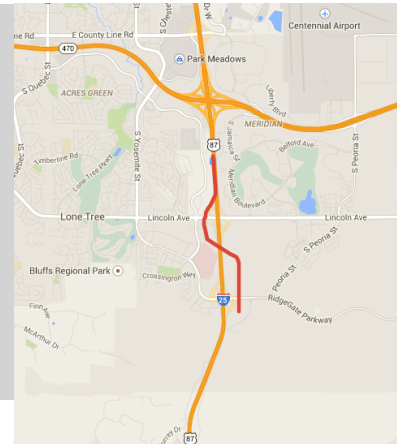
STIP-ID: **SST7015**

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	\$0	
Federal (5309S)		\$92,000	\$0	\$0	\$0	\$0	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local		\$0	\$0	\$0	\$0	\$0	\$0	
Local (RTD)		\$103,280	\$0	\$0	\$0	\$0	\$0	
<b>Total</b>	<b>\$36,182</b>	<b>\$195,280</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$231,462</b>

Date	Status	Description
08/18/2015	Amended	Transfer \$45,010,000 of local funds in FY2017, \$55,814,000 in FY2018 and \$2,456,000 in FY2018 to FY2016. Total project funding remains unchanged.
07/20/2015	Amended	Remove \$3,197,000 of Previously Programmed funds; remove \$43,190,000 of local RTD funds in FY2016; remove \$42,706,000 of federal 5309 New Starts funds and \$13,604,000 of local RTD funds in FY2017; remove \$25,942,000 of federal 5309 New Starts funds and add \$25,942,000 of local RTD funds in FY2018; remove \$1,141,000 of federal 5309 New Starts funds and add \$1,141,000 of local RTD funds in FY2019. Reduce total project funds.
04/16/2015	Approved	Proposed for adoption into 2016-2021
02/21/2013	Amended	Increase total project funds by \$29,129,000 in local funds and reallocate funding between fiscal years resulting in \$32,606,000 in Previous Funding, \$0 in FY2012, \$2,216,000 in FY2013, \$3,058,000 in FY2014, \$1,499,000 in FY2015, \$0 in FY2016-17, and \$182,041,000 in Future Funds. Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
10/27/2008	Amended	Reduce local funds from FY 2008 through FY 2010 to \$0, increase FY 2011 by \$39,082,000, FY's 12-13 by \$73,736,000, and reduce future funding by \$89,453,000. Increase total project funding.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)

Title: **Region 1 Hazard Elimination Pool**

Project Type: **Safety**

TIP-ID: **2007-073**

STIP-ID: **SR16682**

Open to Public:

Sponsor: **CDOT Region 1**

## Project Scope

CDOT Region 1 Hazard Elimination pool. Specific projects will not be listed.



### Affected County(ies)

Adams  
Arapahoe  
Broomfield  
Denver  
Douglas  
Jefferson

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (Safety)		\$16,635	\$5,850	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$16,635</b>	<b>\$5,850</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$22,485</b>

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021
09/18/2014	Amended	Add \$4,504,080 of State Safety funds in FY2015 for US 6 bridges design/build. Increase total project funding.
08/21/2013	Amended	Add \$8,208,000 in FY2014 and \$8,954,000 in FY2015 of state Safety funds transferred from project TIPID #2007-081. Increase total project funding.
05/16/2013	Amended	Add \$63,000 of state Safety funds in FY2013. Increase total project funding.
03/15/2013	Amended	Add \$327,000 of state Safety funds in FY2013. Increase total project funding.
07/17/2012	Amended	Add \$229,000 in FY2012 and \$337,000 in FY2013 of state Safety funds. Increase total project funding.
03/13/2012	Amended	Add \$305,000 of state Safety funding in FY2012. Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
01/27/2011	Amended	Add \$290,000 of state Safety funds to FY2011 and program to US285 west of Conifer for new VMS Installation. Increase total project funding.
09/07/2010	Amended	Add \$517,000 of state Safety funds in FY 2011. Increase total project funding.
11/12/2008	Amended	Add \$625,000 of state Safety funds and \$77,000 of state Regional Priority Project (RPP) funds in FY 2009. Increase total project funding.
08/15/2008	Amended	Reduce state Safety funds in FY 2009 by \$177,000. Decrease total project funding.
07/14/2008	Amended	Add \$201,000 of state Safety funds in FY 2009. Increase total project funding.
06/30/2008	Amended	Add \$46,000 of State Regional Priority Projects (RPP) funds in FY 2008. Increase total project funding.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
11/29/2007	Amended	Add \$135,000 of RPP funds in FY 2008, and increase line item; Upper Bear Creek Rd. Intersection Project by same amount. Increase total project funding.
09/30/2006	Amended	Add \$1,785,000 state (safety) in FY07.
07/21/2006	Amended	Decrease \$800,000 from this pool's reserves in FY07 in order to fund new project. Total funding remains the same.
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)

Title: **Region 1 Hot Spot Pool**

Project Type: **Safety**

TIP-ID: **2007-074**

STIP-ID: **SR16683**

Open to Public:

Sponsor: **CDOT Region 1**

## Project Scope

CDOT Region 1 Hot Spot Pool. Specific projects will not be listed.



### Affected County(ies)

Adams  
Arapahoe  
Broomfield  
Denver  
Douglas  
Jefferson

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (Safety)		\$413	\$413	\$413	\$413	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$413</b>	<b>\$413</b>	<b>\$413</b>	<b>\$413</b>	<b>\$0</b>	<b>\$1,652</b>

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021
08/21/2013	Amended	Add \$164,000 of state Safety funds in FY2014. Add \$360,000 in FY2014 and \$376,000 in FY2015 of state Safety funds transferred from TIPID #2001-225. Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
06/23/2009	Amended	Reduce state Safety funds in FY 2010 by \$54,000. Decrease total project funding.
08/15/2008	Amended	Reduce state Safety funds by \$85,000 in FY 2009. Decrease total project funding.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/14/2006	Approved	Adopted into the 2007-2012 TIP



# 2016-2021 Transportation Improvement Program (Approved TIP)



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	&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			

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>\$0</b>	<b>\$15,041</b>

Date	Status	Description
08/18/2016	Amended	Add the following project and corresponding amount to the pool: Regionwide Signals Improvements for \$450,000. Total project funding remains unchanged.
06/18/2015	Amended	Add the following projects and corresponding amounts to the pool; SH-121 (Wadsworth Blvd) & 3 Acre Ln for \$600,000; SH-287 (Main St) & 6th Ave for \$600,000; SH-177 (University Blvd) & Orchard Rd for \$600,000; SH-75 (Platte Canyon Rd) & Coal Mine Rd for \$600,000; I-70 & Chambers St NR for \$450,000; I-70 & SH-391/Kipling St NR for \$450,000; I-25 & County Line Rd WR for \$450,000; SH-85 & SH-22/124th Ave for \$450,000; Cabinet Replacements (FY17) for \$1,500,000; Controller Replacements (FY17) for \$500,000; SH-177 (University Blvd) & Easter Ave for \$600,000; SH-121 (Wadsworth Blvd) & Stanford Dr for \$450,000; SH-121 (Wadsworth Blvd) & 29th Ave for \$600,000; SH-287 & Midway Blvd for \$450,000; SH-177 (University Blvd) & Easter Pl for \$600,000; SH-128 & Eldorado Blvd for \$300,000; Cabinet Replacements (FY18) for \$1,500,000; and Controller Replacements (FY18) \$500,000. Project funding remains unchanged.
05/20/2015	Amended	Add the following projects and corresponding amounts to the pool for FY2016; SH-224 (E 74th Ave) at Dahlia St for \$350,000; SH-287 (W 120th Ave) at Greenway Dr/Lamar St for \$350,000; and SH-287 at W 10th Ave \$350,000.
04/16/2015	Approved	Proposed for adoption into 2016-2021
08/21/2013	Amended	Add \$245,000 in FY2014 and \$255,000 in FY2015 of state Safety funds transferred from TIPIID #1999-063. Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP

Date	Status	Description
01/27/2011	Amended	Add \$146,000 of state Safety funds to FY2011 and program to signal replacements at SH-74 and County Road 65. Increase total project funding.
02/23/2010	Amended	Add \$122,000 of state Safety funds to FY 2010. Increase total project funding.
06/23/2009	Amended	Reduce state Safety funds in FY 2010 by \$36,000. Decrease total project funding.
04/06/2009	Amended	Add \$331,000 of state Safety funds to FY 2009. Increase total project funding.
08/15/2008	Amended	Reduce state Safety funds in FY 2009 by \$58,000. Decrease total project funding.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Region 1 Bridge On-System Pool**

Project Type: **Bridge**

TIP-ID: **2007-078**

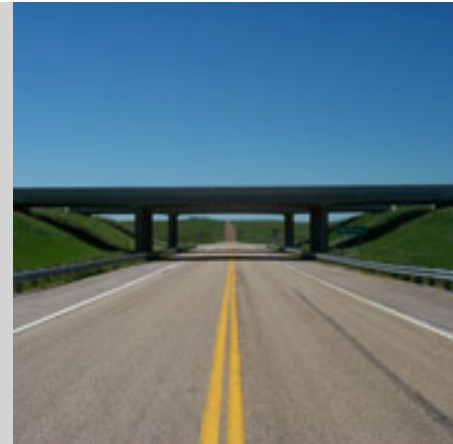
STIP-ID: **SR16712**

Open to Public:

Sponsor: **CDOT Region 1**

## Project Scope

The Bridge On-System Pool funds various bridge, culvert and wall projects throughout 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)
Essential Culvert Repairs		\$7,700	Essential Wall Repairs		\$4,000	C-470	S Rooney Rd to Ken Caryl	\$725
I-70 WB to I-225 SB Flyover		\$2,800	Expansion Joint Replacement/Repair		\$1,500	I-70	Havana to I-225	\$2,200
SH-95 Fiber Wrap		\$1,150	Bridge Repair	Speer Blvd/23rd Ave over I-25 Repairs	\$2,300	US-40	US-6 to Beaver Brook	\$150
I-70 Bridge Replacement	@Havana St	\$2,200	Preventative Bridge Maintenance		\$4,000	SH-74	El Rancho to Evergreen Overlay	\$150
Emergency Culvert Repairs	@Highline Canal Trail	\$300	Deck Rehab and Replacement	Includes overlays	\$6,775			
Girder Cleanout and Form Removal		\$4,000	SH-30 Bridge Replacement	F-17-GP	\$3,400			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (BR)		\$0	\$0	\$0	\$0	\$0		
State		\$14,692	\$15,920	\$9,472	\$3,266	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$14,692</b>	<b>\$15,920</b>	<b>\$9,472</b>	<b>\$3,266</b>	<b>\$0</b>	<b>\$43,350</b>

Date	Status	Description
07/21/2016	Amended	Adjust the scope to read "The Bridge On-System Pool funds various bridge, culvert and wall projects throughout CDOT Region 1." Add \$3,266,000 for state Bridge funds in FY2019. Change the following pool project costs to the following: Essential Culvert Repairs for \$7,700,000; I-70 WB to I-225 SB Flyover for \$2,800,000; SH-95 Fiber Wrap for \$1,150,000; and I-70 Bridge Replacement (at Havana) for \$2,200,000. Add the following projects and corresponding amounts to the pool: Emergency Culvert Repairs (at Highline Canal) for \$300,000; Girder Cleanout and Form Removal for \$4,000,000; Essential Wall Repairs for \$4,000,000; Expansion Joint Replacement/Repairs for \$1,500,000; Bridge Repair (Speer Blvd/23rd Ave over I-25) for \$2,300,000; Preventative Bridge Maintenance for \$4,000,000; Deck Rehab and Replacement (includes overlays) for \$10,000,000; and SH-30 Bridge Replacement (F-17-GP) for \$3,400,000. Remove all other projects. Increase total project funding.
05/20/2015	Amended	Change "I-70 Bridge Replacement Havana" to "I-70 Bridge Replacement @Havana St (FY16)"; change "I-70 Bridge Replacement @Havana" to "I-70 Bridge Replacement @Havana St (FY17)" and adjust funding to \$800,000. Total project funding remains unchanged.
04/16/2015	Approved	Proposed for adoption into 2016-2021
09/02/2014	Amended	Add the following project and corresponding amount to the pool; I-225 Bridge Preventative Maintenance for \$2,500,000 in state Bridge On-System funds in FY2015. Increase total project funding.
07/15/2014	Amended	Add the following projects and corresponding amounts to the pool in State Bridge On-System funds; 40th Ave (SH33) Bridge Devolution for \$1,000,000 in FY2015 and \$1,000,000 in FY2016; Hudson Road over Coyote Run for \$92,800 in FY2015. Increase total project funding.
01/07/2014	Amended	Add 1 new pool project for region-wide preventative maintenance (\$8,400,000), using available pool funds. Total project funding remains unchanged.
10/16/2013	Amended	Add 1 new pool project in FY2014, US40/Colfax: Federal to Speer (\$1,200,000), using available pool funds. Total project funding remains unchanged.

Date	Status	Description
09/20/2013	Amended	Add \$9,727,000 in FY2014 and \$10,121,000 in FY2015 of federal Bridge On-System funds, as well as pool project Bridge Deck Replacement (\$9,225,000), transferred from TIPID #2007-080. Add new pool project I-70 East: Smith Rd Structures Replacement (\$644,000). Increase total project funding.
05/16/2013	Amended	Add \$5,255,000 of state Bridge On-System funds in FY2013 allocating to: I-70 East: Frontage Road over Middle Bijou Creek (\$3,500,000) and US-40: Byers to Deer Trail Overlay & Bridge Rehabilitation (\$755,000), and I-25 SB: Surrey Ridge Road & SH-86 at Founders Pkwy (\$1,000,000). Increase total project funding.
01/15/2013	Amended	Add \$7,900,000 of state Bridge On-System funds in FY2013 allocating to I-70 East: Smith Rd and UPRR (\$12,900,000). Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
09/07/2010	Amended	Add \$471,000 of state Bridge On-System funds to FY 2011. Increase total project funding.
08/18/2010	Amended	Add state Bridge On-System funds in the amount of \$2,309,000 in FY 2010 and \$2,073,000 in FY 2011. Increase total project funding.
04/06/2009	Amended	Add state Bridge On-System funds in the amount of \$500,000 to FY 2009. Increase total project funding.
08/15/2008	Amended	Reduce state Bridge On-System funds in FY 2009 by \$806,000. Decrease total project funding.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Region 1 Bridge Off-System Pool**

Project Type: **Bridge**

TIP-ID: **2007-079**

STIP-ID: **SR17001**

Open to Public:

Sponsor: **CDOT Region 1**

## Project Scope

The Bridge Off-System Pool funds off-system bridge projects throughout 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)
Dartmouth Ave (FY18)	@ S Platte River	\$868	County Rd 34 (FY17)	@ First Creek	\$175			
88th Ave (FY18)	@ Wolf Creek	\$100	Hamilton Place (FY17)	@ S Platte River	\$272			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (BRO)		\$0	\$0	\$0	\$0	\$0		
State		\$0	\$447	\$968	\$0	\$0		
Local		\$0	\$112	\$242	\$0	\$0		
<b>Total</b>	\$0	\$0	\$559	\$1,210	\$0	\$0	\$0	\$1,769

Date	Status	Description
11/17/2016	Amended	Add the following projects and corresponding amounts to the pool in FY 2017; County Rd 34 at First Creek for \$175,000 state and \$44,000 local match and Hamilton Place at South Platte River for \$272,000 state and \$68,000 local match. Add \$344,000 in state and \$242,000 in local match in FY 2018 for Dartmouth Ave at South Platte. Increase total project savings.
04/16/2015	Approved	Proposed for adoption into 2016-2021
07/15/2014	Amended	Add the following project and corresponding amount to the pool in State Bridge Off-System funds; Evergreen Road over Bear Lake for \$632,000 in FY2015. Increase total project funding.
08/21/2013	Amended	Add \$544,000 of state Bridge-Off System funds and \$169,000 of local match in FY2014 allocating to new pool project: Plum Creek Pkwy over Seller's Gulch (\$544,000). Add \$1,844,000 of state Bridge-Off System funds and \$461,000 of local match in FY2013 of state Bridge-Off System funds transferred from TIPID #2007-097 for transferred pool project: 72nd Ave and Raleigh St- Little Dry Creek (\$1,844,000). Increase total project funding.
05/16/2013	Amended	Add \$132,000 of state Bridge funds in FY2014 allocating to new pool project: Hudson Rd Bridge over Box Elder Creek (\$132,000). Increase total project funding.
05/16/2013	Amended	Add \$132,000 of state Bridge funds in FY2014 allocating to new pool project: Hudson Rd Bridge over Box Elder Creek (\$132,000). Increase total project funding.
05/16/2013	Amended	Add \$132,000 of state Bridge funds in FY2014 allocating to new pool project: Hudson Rd Bridge over Box Elder Creek (\$132,000). Increase total project funding.
05/16/2013	Amended	Add \$132,000 of state Bridge funds in FY2014 allocating to new pool project: Hudson Rd Bridge over Box Elder Creek (\$132,000). Increase total project funding.
05/16/2013	Amended	Add \$132,000 of state Bridge funds in FY2014 allocating to new pool project: Hudson Rd Bridge over Box Elder Creek (\$132,000). Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
03/15/2011	Amended	Add \$2,406,000 of state Bridge Off-System funds and \$603,000 local match to FY2011 and \$59,000 of state Bridge Off-System funds and \$15,000 local match in FY2012 allocating to Arapahoe County Structure #ARA-30-26.8 (\$501,000), Douglas County Structure #DOU-016-00.55 (\$1,700,000), Jefferson County Structure #D-27-MP-010 (\$808,000) and Structure #Morr-Park Ave (\$74,000). Increase total project funding.
03/19/2008	Approved	Adopted into the 2008-2013 TIP

Date	Status	Description
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **56th Avenue: Quebec St to Pena Blvd**

Project Type: **Roadway Capacity**

TIP-ID: **2007-082**

STIP-ID: **DR6757**

Open to Public:

Sponsor: **Denver**

## Project Scope

Funds in the 2016-2021 TIP will be expended to:

- (A) Conduct a NEPA environmental process and conceptual/preliminary engineering for the widening of the eastern segment of the 56th Avenue Corridor from Chambers to just east of the eastern Pena Boulevard Corridor boundary, and
- (B) Conduct a separate NEPA environmental clearance, as well as final engineering, for operational improvements to 56th Avenue across the Pena Boulevard Corridor.
- (C) Construct operational improvements on 56th Avenue across the Pena Boulevard Corridor, including, but not limited to, lane-balancing, additional turn-lane capacity, and necessary transitions to existing lane configurations on 56th Avenue and Pena Boulevard.



Previous TIP funding was expended to:

- A) Conduct an environmental study for the widening of 56th Avenue from Quebec Street to Pena Blvd.
- B) Widen 56th Avenue from 2 to 6 lanes between Quebec Street and Havana Street.

Demo ID 114, 046, 088, and 098, which represent SAFETEA-LU earmarks, as assigned by FHWA.

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 (C-1702)		\$0	\$3,832	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$900	\$958	\$0	\$0	\$0		
<b>Total</b>	<b>\$14,031</b>	<b>\$900</b>	<b>\$4,790</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,721</b>

Date	Status	Description
07/21/2016	Amended	Remove \$4,789,579 of funds from Prior Funding column. Add \$3,831,663 of federal 1702 High Priority Projects funds and \$957,916 of local match in FY2017. Adjust the scope to include the following language after the sentence in subpart (B) of the first section: "(C) Construct operational improvements on 56th Avenue across the Pena Boulevard Corridor, including, but not limited to, lane-balancing, additional turn-lane capacity, and necessary transitions to existing lane configurations on 56th Avenue and Pena Boulevard." Total project remains unchanged.
10/23/2015	Amended	Move project from 2008-2013 TIP to 2016-2021 TIP. Change title to "Funds in the 2016-2021 TIP will be expended to:  (A) Conduct a NEPA environmental process and conceptual/preliminary engineering for the widening of the eastern segment of the 56th Avenue Corridor from Chambers to just east of the eastern Pena Boulevard Corridor boundary, and (B) Conduct a separate NEPA environmental clearance, as well as final engineering, for operational improvements to 56th Avenue across the Pena Boulevard Corridor.  Previous TIP funding was expended to:  A) Project conducts an environmental study for the widening of 56th Avenue from Quebec Street to Pena Blvd. B) Widen 56th Avenue from 2 to 6 lanes between Quebec Street and Havana Street.  Demo ID 114, 046, 088, and 098, which represent SAFETEA-LU earmarks, as assigned by FHWA. Change project map to reflect project limit changes. Add \$900,000 of local funds in FY2016. Increase total project funds.
07/23/2009	Amended	Increase federal C-1702 High Priority Project funds by \$448,000 and increase local funds by \$112,000, both in FY 2009. Increase total project funding.
04/21/2008	Amended	Add \$9,000 of C-1702 High Priority Projects and \$3,000 of local funds to FY 2008. Increase total project funding.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
07/21/2006	Amended	The revised scope contains two project components; an environmental study for the widening from Quebec Street to Pena Blvd and a roadway widening from 2 to 6 lanes between Quebec Street and Havana Street. Total funding remains the same.

Date	Status	Description
06/14/2006	Approved	Adopted into the 2007-2012 TIP



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Station Area Master Plan/Urban Center Studies Pool**

Project Type: **Station Area/Urban Center Studies**

TIP-ID: **2007-089**

STIP-ID: **N/A**

Open to Public:

Sponsor: **DRCOG**

## Project Scope

Pool funds for future station area master plans and/or urban center planning studies.

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)
36 Commuting Solutions	Northwest Corridor Bike/Pedestrian Final Wayfinding Plans (FY16)	\$150	Transportation Solutions	Multi-Station Plan and Mobility Study (FY16)	\$160	Denver	North Capitol Hill/Colfax Urban Center Study (FY17)	\$50
Arvada	Gold Line Kipling Ridge Station (FY16)	\$80	Aurora	Aurora City Center Train/Traffic and Transportation Network Study (FY17)	\$200	Boulder County	SH-7 Arterial BRT Station Design, Connectivity, and ROW Needs (FY17)	\$160
Denver	National Western Center Parking and Transportation Management Study (FY16)	\$200	Longmont	Main Street Corridor Plan (FY17)	\$200			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$590	\$610	\$600	\$600	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$148	\$352	\$150	\$150	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$738</b>	<b>\$962</b>	<b>\$750</b>	<b>\$750</b>	<b>\$0</b>	<b>\$3,200</b>

Date	Status	Description
10/20/2016	Amended	Remove pool project North Thornton and Hwy 7 TOD Master Plan (FY17) (\$160,000) and add pool project SH-7 Arterial BRT Station Design, Connectivity, and ROW Needs (FY17) (\$160,000). Total project funding remains unchanged.
01/21/2016	Amended	Add the following project and corresponding amount to pool: Denver - North Capitol Hill/Colfax Urban Center Study (FY17) for \$50,000. Total project funding remains unchanged.
10/23/2015	Amended	Transfer \$10,000 of federal CMAQ funds from FY2016 to FY2018 and transfer \$40,000 of federal CMAQ funds from FY2017 to FY2018. Add the following projects and corresponding amounts to the pool; 36 Commuting Solutions - Northwest Corridor Bike/Ped Final Wayfinding Plans (FY16) for \$150,000; Arvada - Gold Line Kipling Ridge Station (FY16) for \$80,000; Denver - National Western Center Parking and Transportation Management Study (FY16) for \$200,000; Transportation Solutions - Multi-Station Plan and Mobility Study: Colorado and University Stations (FY16) for \$160,000; Aurora - Aurora City Center Train/Traffic and Transportation Network Study (FY17) for \$200,000; Longmont - Main Street Corridor Plan (FY17) for \$200,000; and Thornton - North Thornton and Highway 7 TOD Master Plan (FY17) for \$160,000. Total project funding remains unchanged.
04/16/2015	Approved	Adopted into the 2016-2021 TIP
09/02/2014	Amended	Switch Littleton Downtown Light Rail Station Area Study from FY2014 to FY2015 and Mineral Light Rail Station Area Study from FY2015 to FY2014.
09/20/2013	Amended	Add 11 new pool projects in FY2014 and FY2015 using unallocated funds; increase local funds to match adopted projects. Increase total project funding.
05/16/2013	Amended	Update project title from "Station Area Master Plan Studies Reserve" to "Station Area Master Plan/Urban Center Studies Pool." Update project scope to "Pool funds station area master plans and/or urban center planning studies. Pool projects will be depicted individually." Change project type from "Funding Reserves" to "Station Area Master Plan/Urban Studies." Total project funding remains unchanged.
12/05/2011	Amended	Add \$1,000,000 of federal CMAQ funds and \$250,000 of local match in FY2015. Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/08/2007	Amended	Remove \$100,000 of CMAQ and \$25,000 of Local funds from these reserves.

Date	Status	Description
01/24/2007	Amended	Defer \$185,000 of CMAQ and \$47,000 of local funds from FY2007 to FY2008. Remove \$400,000 of CMAQ and \$100,000 of local funds from these reserves.
08/28/2006	Amended	Advance \$330,000 of CMAQ and \$83,000 of local from FY08 to FY07
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)

Title: **Region 4 Traffic Signals Pool**

Project Type: **Safety**

TIP-ID: **2007-091**

STIP-ID: **SR46668**

Open to Public:

Sponsor: **CDOT Region 4**

## Project Scope

Pool funds traffic signal projects in CDOT Region 4 (Boulder and SW Weld Counties). Specific projects will not be listed.



### 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>\$637</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$637</b>

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/08/2007	Amended	Reduce State Safety funds by \$3,000 in FY 2008 and \$6,000 in FY 2009.
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Region 4 Hot Spot Pool**

Project Type: **Safety**

TIP-ID: **2007-092**

STIP-ID: **SR46667**

Open to Public:

Sponsor: **CDOT Region 4**

## Project Scope

Pool funds hot spot projects in CDOT Region 4 (Boulder and SW Weld Counties). Specific projects will not be listed.



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>\$854</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$854</b>

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/08/2007	Amended	Reduce State Safety funds in FY 2008 by \$4,000 and FY 2009 by \$8,000
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



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



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)
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>

Date	Status	Description
08/18/2016	Amended	Add \$445,000 of state Safety funds and \$45,000 in local match in FY2017. Add the following project and corresponding amount to pool; Valmont Rd and 29th St for \$445,000. Increase total project funding.
04/16/2015	Approved	Proposed for adoption into 2016-2021
05/16/2013	Amended	Add \$407,000 of local funds in FY2015. Add new pool projects using unallocated funds: SH-119: Ken Pratt Blvd & South Pratt Pkwy (\$550,000), Valmont Rd & 29th St (\$2,713,000), and 95th St: Isabelle Rd to Valmont Rd (\$950,000). Increase total project funds.
11/14/2011	Amended	Move SH-66 at East County Line Rd from the 2008-2013 TIP into the 2012-2017 TIP and add \$488,000 from existing state Safety funds. Total funding remains unchanged.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
03/02/2011	Amended	Add the following new projects: US85 Cable Rail- Brighton North of SH66 for \$1,200,000, and East County Line Rd Auxiliary Lanes and signal upgrade for \$350,000 from existing funding levels. Total funding remains unchanged.
07/26/2010	Amended	Add line item; WCR 34 and WCR 17 Intersection Improvements in the amount of \$172,000. Total funding remains unchanged.
10/15/2009	Amended	Add line item; SH-287 (Main St. Longmont) and Pike Rd. in the amount of \$300,000. Total funding remains unchanged.
06/30/2008	Amended	Add SH-42: S. Boulder Rd. to the pool and allocate \$400,000 of unallocated Hazard Elimination funds from FY 2008. (Project is also listed in the R4 Congestion Relief Pool.) Total project funding remains unchanged.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/08/2007	Amended	Reduce State Safety funds in FY 2008 by \$46,000 and FY 2009 by \$107,000.
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Region 4 Surface Treatment Pool**

Project Type: **Roadway Reconstruction**

TIP-ID: **2007-095**

STIP-ID: **SR45218**

Open to Public:

Sponsor: **CDOT Region 4**

## Project Scope

Projects in CDOT Region 4 (Boulder and SW Weld Counties) to be approved for pool funding by Region 4 Director.

Affected County(ies)

Boulder

Weld



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-119	MM 22.8 to 37.4	\$11,000	SH-7	28th St to US-287	\$3,286	SH-119 Reconstruction 28th/US-36 to East 30th St	TIPID 2012-039	\$400
SH-119	47th St to Monarch Rd	\$11,100	SH-7: Phase II Non-Flood	Estes Park to SH-72	\$3,832			
US 287	Jasper Rd North	\$1,850	Baseline Rd Bike/Ped Underpass	TIPID 2012-046	\$300			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (Surface)		\$14,580	\$14,580	\$14,580	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	<b>\$32,177</b>	<b>\$14,580</b>	<b>\$14,580</b>	<b>\$14,580</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$75,917</b>

Date	Status	Description
07/21/2016	Amended	Update Previous Funding column to \$32,177,000. Remove the following rollover projects and corresponding amounts: SH-119 Monarch Rd to Fordham for \$6,817,000; SH-119 MP 59-64 for \$12,000,000; US-85 Brighton to Ft Lupton for \$8,160,000; and SH-66 MP 39-42 for \$5,200,000. Total project funding remains unchanged.
04/19/2016	Amended	Add \$26,060,000 of state Surface Treatment funds to the Previously Programmed column. Add the following projects and corresponding amounts to the pool; SH-119: MP 59-64 for \$12,000,000; US-85: Brighton to Ft Lupton for \$8,160,000; SH-66: MP 39-42 for \$5,200,000; Baseline Rd Bike/Ped Underpass (TIPID 2012-046) for \$300,000; and SH-119 Reconstruction: 28th/US-36 to East 30th St (TIPID 2012-039) for \$400,000. The projects were previously in the 2012-2016 TIP, but were budgeted with 2016-2019 funds. Total project funding remains unchanged.
03/17/2016	Amended	Add the following projects and corresponding amounts to pool. SH-7 - 28th St to US-287 (MP 52-60 for \$3,286,000; and SH-7 - Phase II non-flood Estes Park to SH-72 (MP 10-19) for \$3,832,000. Total project funding remains unchanged.
12/18/2015	Amended	Add the following project and corresponding amount to pool: US-287: Jasper Rd North MP 307-309 for \$1,850,000. Total project funding remains unchanged.
04/16/2015	Approved	Adopted into the 2016-2021 TIP
02/06/2015	Amended	Add the following projects and corresponding amounts to the pool: SH-119 Boulder East Monarch Rd to Fordham St for \$6,817,000; and US-85 Brighton to Ft Lupton NB Only for \$8,160,000. Remove \$1,873,000 of State Surface Treatment funds from FY2012. Add \$3,803,000 of State Surface Treatment funds in FY2016-17. Increase total project funding.
02/21/2013	Amended	Remove \$1,873,000 of state Surface funds in FY2012. Add \$2,308,000 to SH-66: MP 39-43 (\$5,200,000). Add new pool project: SH-119: MP 59-64 (\$12,000,000). Remove pool project SH-119: Boulder East MP44.24 (\$10,300,000). Reduce total project funding.
05/04/2012	Amended	Add pool project SH-172 Chip Seal- SH-119 to SH-17 (\$2,000,000) using unallocated pool funding. Total project funding remains unchanged.
12/15/2011	Amended	Add \$1,500,000 of state Surface funding in FY2012. Increase total project funding.
07/28/2011	Amended	Reduce state Surface Treatment funding in FY2012 by \$1,873,000 per the adopted budget allocation. Add three new projects to the pool: SH-66: St Vrain Bridge MP 45-48 (\$1,000,000), US-85: Ft Lupton to Brighton MP 236-242 (\$1,492,000), and SH-66: Boulder/Weld County Line East MP 38.92-42.74 (\$2,892,000). Decrease total pool funding.)
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
07/26/2010	Amended	Remove and transfer the following two projects to the Region 4 FASTER Pool; SH-119 at Jay Rd in the amount of \$1,500,000 and SH-119 at Niwot Rd. in the amount of \$1,200,000, and reduce SH-119 at Boulder East by \$4,200,000. Total funding remains unchanged.
02/17/2010	Amended	Add \$7,000,000 of state Surface Treatment funds in FY 2010 and allocate to a new project: I-25, mile marker 243.5 to 249. Increase total project funding.

Date	Status	Description
10/15/2009	Amended	Remove line item SH-287C (Main St. Longmont) and Pike Rd. in the amount of \$300,000 and transfer to the Region 4 Hazard Elimination Pool (TIP ID #2007-094). Total funding remains unchanged.
09/10/2009	Amended	Add line item; SH-287C (Main St. Longmont) and Pike Rd. in the amount of \$300,000. Total funding remains unchanged.
08/12/2009	Amended	Allocate \$2,700,000 of unallocated state Surface Treatment funds to new pool projects in the following amounts; \$1,500,000 to SH-119: Jay Rd. Concrete Intersection and \$1,200,000 to SH-119: Niwot Rd. Concrete Intersection. Total funding remains unchanged.
07/23/2009	Amended	Allocate \$1,500,000 of unallocated state Surface Treatment funds from FY 2010 to existing pool project; SH-119: Resurfacing [MP46 to MP55], and add the following new projects; SH-157: Boulder South, SH-36 [MP 0 to MP 2.83] for \$2,800,000, SH-36: Boulder East [MP 44.3 to 48.1] for \$5,200,000, SH-52 and SH-119 East [MP 0 to MP 4.6] for \$3,400,000, SH-7: Lyons to Raymond [MP 19.3 to MP 33.47] for \$1,500,000, and SH-119: Boulder East [MP44.24 to 54.42] for \$14,500,000. Total funding remains unchanged.
06/23/2009	Amended	Allocate \$3,000,000 of state Surface Treatment funds in FY 2010 to the following new project; SH-119: Resurfacing [MP46 to MP55]. Total funding remains unchanged.
03/23/2009	Amended	Add \$1,000,000 of ARRA (ES9-CDOT) funds to FY 2009 and allocate to the US-36: Estes Park to Lyons (DRCOG portion) project, replacing \$633,000 of Surface Treatment funds allocated to the project. Increase total project funding.
08/15/2008	Amended	Reduce SH-93: Boulder by \$31,000 to \$2,976,000 and add the following projects and corresponding amounts; 1) SH-42 at Boulder Rd. for \$100,000, 2) SH-119 at 63rd St. (Louisville) for \$147,000, 3) SH-66 Lyons (US-36 to Longmont) for \$5,000,000, and 4) US-36: Estes Park to Lyons (DRCOG portion) for \$633,000. Total funding remains unchanged.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
11/29/2007	Amended	Add \$215,000 of state Surface Treatment funds to FY 2008. Increase line item, IGA Boulder: US-36 at Arapahoe and Iris by \$50,000, and add line item, SH-119 and County Line Rd in the amount of \$165,000. Increase total project funding.
07/18/2007	Amended	Delete one project; SH-157/Boulder South. Modify funding for SH-170/IGA with Boulder, SH-7 (Lyons), SH-7 at SH-157, SH-93: Boulder, and US-36/Boulder North. Add four new projects; IGA-Boulder: US-36 at Arapahoe and Iris, US-36: North St. Vrain Creek Bridge, IGA-Longmont: US-287 Quebec to Ken Pratt, and IGA-Lyons: US-36 downtown. Total funding (control totals) remains the same.
06/08/2007	Amended	Reduce State Surface Treatment funds by \$180,000 in FY 2008 and \$215,000 in FY 2009, reducing overall funding.
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



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

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-25	@ I-225	\$500	I-25	Hampden to Evans	\$5,000	Hampden	Dahlia to Yosemite	\$4,000
I-76	96th to US-85	\$6,500	6th	Potomac to Airport	\$4,500	US-287	@ 120th Ave Intersection	\$250
Colfax	I-70 to Kipling	\$3,000	Colfax	Galapago to Colorado	\$9,000	I-25	120th Ave to SH-7	\$12,000
Federal	92nd to 120th	\$6,000	US-85	Hampden to Florida	\$2,500	US-6	Frei Pit, east of I-70	\$3,000
Kipling	Jewell to 6th	\$4,000	Santa Fe	Florida to I-25	\$3,500	SH-88 (Federal Blvd)	Alameda Ave to Hampden Ave	\$4,000
SH-128	Eldorado to Wadsworth	\$3,500	US-85	I-76 to 136th	\$8,000	I-70	32nd Ave to 44th Ave	\$2,500
SH-72	SH-93 to Coal Creek Canyon	\$1,500	Wadsworth	Bear Creek to 4th	\$5,500	SH-83 (Leetsdale Dr)	Mississippi Ave to Colorado Blvd	\$3,000
Sheridan	Hampden to Arizona	\$3,500	C-470	Morrison to Ken Caryl	\$10,700	Preventative Maintenance	Concrete Pavement Restoration	\$1,500
University	Arapahoe to Hampden	\$5,000	I-25	County Line Rd to Belleview	\$12,000	Design Set Aside		\$1,500
US-6	I-70 to SH-119	\$2,500	I-225	I-25 to Parker Rd	\$7,500	Contribution to WQ Pool		\$3,000
Wadsworth	Highland to 10th	\$2,500	Colfax	Peoria to Sable	\$2,500	I-25	El Paso County Line Rd to E Greenland Rd	\$5,000

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (Surface)		\$55,000	\$52,800	\$39,600	\$29,700	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	<b>\$15,000</b>	<b>\$55,000</b>	<b>\$52,800</b>	<b>\$39,600</b>	<b>\$29,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$192,100</b>

Date	Status	Description
11/17/2016	Amended	Decrease FY 2019 funding by \$13,700,000 to reflect the latest estimated control total. Revise the following pool projects: "C-470: SH-8 to Bowles" becomes "C-470: Morrison to Ken Caryl"; increase funding from \$7,500,000 to \$10,700,000 using pool savings. "Colfax: Speer to Clarkson" becomes "Colfax: Galapago to Colorado"; pool project being combined with prior TIP project; add \$15,000,000 in prior funding. Increase total project funding.
07/20/2015	Amended	Add the following projects and corresponding amounts to the pool using FY2019 funds; I-25: 120th Ave to SH-7 for \$12,000,000, US-6: at Frei Pit, east of I-70 for \$3,000,000, SH-88 (Federal Blvd): Alameda Ave to Hampden Ave for \$4,000,000, I-70: 32nd Ave to 44th Ave for \$2,500,000, SH-83 (Leetsdale Dr): Mississippi Ave to Colorado Blvd for \$3,000,000, Preventative Maintenance: Concrete Pavement Restoration for \$1,500,000, Design set aside for \$1,500,000, Contribution to WQ Pool for \$3,000,000, and I-25: El Paso County Line Rd to E Greenland Rd for \$5,000,000. Total project funding remains unchanged.
04/16/2015	Approved	Proposed for adoption into 2016-2021



Date	Status	Description
01/23/2015	Amended	Add \$12,037,000 of state Surface Treatment funds in FY2015. Add the following projects and corresponding amounts to the pool; I-70 Havana St to I-225 for \$3,500,000; Preventative Maintenance at Various Locations for \$2,000,000; SH-58 from US-6/SH-93 to I-70 for \$10,000,000; US-40 from Clarkson St to Colorado Blvd for \$4,500,000; US-85 from Blakeland Dr to Crestline Ave for \$8,200,000; SH-95 from 25th Ave to 58th Ave for \$4,000,000; SH-74 from I-70 to CR-73 for \$5,200,000; and SH-86 from I-25 to Woodlands Blvd for \$8,000,000. Increase total project funding.
09/18/2014	Amended	Add \$47,000,000 of state Surface Treatment funds in FY2016. Add the following projects and corresponding amounts to the pool; I-76, 96th to US-85 for \$6,500,000; Wadsworth, Highland to 10th for \$2,500,000; I-25 @ I-225 for \$500,000; SH-72, SH-93 to Coal Creek Canyon for \$1,500,000; US-40, Berthoud Pass East for \$1,500,000; I-70, EMJT East for \$3,000,000, Sheridan, Hampden to Arizona for \$3,500,000; Federal, 92nd to 120th for \$6,000,000; Kipling, Jewell to 6th for \$4,000,000; University, Arapahoe to Hampden for \$5,000,000; Colfax, I-70 to Kipling for \$3,000,000; SH-128, Eldorado to Wadsworth for \$3,500,000; US6 I-70 to SH-119 for \$2,500,000; US-40, US-6 to Beaver Brook for \$2,000,000; and US-36, Strasburg to Byers for \$2,000,000. Increase total project funding.
10/16/2013	Amended	Add the following two pool projects transferred from TIPID #2001-214: US 285: Federal to Marion (\$4,500,000) and SH 83/Parker: Jewell to Mississippi (\$2,000,000). Add \$194,000 to pool project US 285: Federal to Marion (\$4,694,000 total), \$304,000 to SH 83/Parker: Jewell to Mississippi (\$2,304,000 total), and remove \$1,200,000 from US 40/Colfax: Federal to Speer (\$2,200,000 total) from unallocated FY2014 state Surface Treatment funds. Total project funding remains unchanged.
09/20/2013	Amended	Add the following two pool projects transferred from TIPID #2001-214: US-40 (Colfax Ave): Federal Blvd to Speer Blvd (\$2,000,000) and Federal Blvd & 120th Ave (\$550,000). Add \$1,400,000 to pool project US-40 (Colfax Ave): Federal Blvd to Speer Blvd (\$3,400,000) from unallocated funds. Total project funding remains unchanged.
08/21/2013	Amended	Add \$2,442,000 of state Surface Treatment funds in FY2014 allocating to pool project: SH-86- Franktown-East (+\$2,442,000 = \$3,642,000 total). Add \$34,813,000 in FY2014 and \$35,563,000 in FY2015 of state Surface Treatment funds transferred from project TIPID #2001-214 adding pool project: SH-121 (Wadsworth Blvd)- 10th Ave to Colfax Ave (\$2,400,000). Increase total project funding.
06/07/2013	Amended	Add \$2,000,000 of federal Highways for Life funds in FY2013 allocating to pool project: I-70 East: Tower Rd to Colfax Ave (\$18,524,000). Increase total project funding.
05/16/2013	Amended	Add \$1,200,000 of state Surface Treatment funds in FY2013 allocating to new project: SH-86 Preventative Maintenance: Franktown-East (\$1,200,000). Increase total project funding.
04/09/2013	Amended	Add \$453,000 of state Surface Treatment funds in FY2013 allocating to pool project: US-40: Byers to Deer Trail (\$1,953,000). Increase total project funding.
01/15/2013	Amended	Add \$7,500,000 of state Surface Treatment funds in FY2013 allocating to pool project: I-70 East: Tower Rd to Colfax Ave (\$16,524). Increase total project funding.
08/16/2012	Amended	Reallocate \$4,139,000 of state Surface Treatment funds from FY2013 to FY2012. Reduce state Surface Treatment funds by \$3,652,000 in FY2013, \$10,371,000 in FY2014, and \$5,480,000 in FY2015 based on the revised and updated Region 1 Surface Treatment Program. Add the following new projects: SH-83: Antelope Creek to Castlewood Canyon (\$4,139,000), US-36: Kiowa Creek to East of Byers (\$4,000,000), US-40: Byers to Deer Trail (\$1,500,000), SH-67 at Rampart Range Rd (\$2,500,000), US-36 east of Cabin Creek (\$500,000), SH-74: Evergreen to Morrison (\$3,500,000), SH-79 north of Bennett (\$3,000,000), and SH-30/E 6th Ave: S Picadilly Road to N Airport Blvd (\$2,000,000). Decrease total project funding.
07/17/2012	Amended	Add \$350,000 of state Regional Priority Project (RPP) funds in FY2012 allocating to I-70 East: Tower Rd to Colfax Ave (\$9,024,000). Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
04/20/2011	Amended	Add \$150,000 in FY2010 and \$50,000 in FY2011 of state Rockfall Mitigation (RFM) funds, allocating to US-285: Turkey Creek Canyon. Increase total project funding.
03/02/2011	Amended	Add \$2,617,000 of Surface Treatment funds and \$2,983,000 of Regional Priority Project (RPP) funds to FY2011 and allocate to SH-83 (Parker Rd): Cottonwood Dr S project (\$5,000,000) and US-36: Watkins to Bennett Rehabilitation project (\$600,000). Increase total project funding.
12/22/2010	Amended	Add \$500,000 of state Surface Treatment funds to SH36: West of Watkins to Bennett project in FY2011 and move \$6,000,000 to FY2012-13. Increase total project funding.
06/21/2010	Amended	Add \$200,000 of state Surface Treatment funds to FY 2010 and increase SH-72 Junction @ SH-93 North by corresponding amount. Increase total project funding.
01/15/2010	Amended	Add \$100,000 of state Regional Priority Project (RPP) funds to FY 2010 and allocate to I-70 East Tower Rd. to Colfax Ave. Increase total project funding.
08/12/2009	Amended	Add \$2,574,000 of HB-1310 Regional Priority Project (RPP) funds in FY 2010 and increase line item; I-70 East Tower Rd. at Colfax Ave. by the corresponding amount. Increase total project funding.
06/23/2009	Amended	Add the following new projects; US-285: Turkey Creek Canyon for \$1,250,000, SH-72: Junction of SH-93 North for \$900,000, US-285: Pine Junction to Richmond Hill for \$4,000,000, SH-36: West of Watkins-Bennett for \$3,000,000, and I-70 East: Tower Rd. to Colfax Avenue for \$6,000,000. Reduce Pavement Preservation Jobs to \$1,701,000 and the Unallocated 08-10 to \$0. From 2009, reduce by \$95,000 and transfer \$8,331,000 to FY 2010 and \$100,000 to FY 2011. Decrease total project funding.
04/06/2009	Amended	Shift \$1,750,000 of state Surface Treatment funds from FY 2010 to FY 2009 and adding a new line item to the pool for the corresponding amount; SH-85 (Louviere to C-470), and reduce the Unallocated balance by this same amount. Add \$651,000 of state Surface Treatment funds to FY 2009 (allocating \$325,000 to South I-25: Tomah Rd. to Douglas Lane and \$326,000 to SH-86: Founders Parkway). Increase total project funding.
01/15/2009	Amended	Decrease state Surface Treatment funds in FY 2009 by \$554,000 and reduce the Pavement Preservation Jobs project by the corresponding amount to a total of \$2,046,000. Decrease total project funding.
12/09/2008	Amended	Add \$436,000 of HB-1310 Regional Priority Projects (RPP) funds in FY 2009 and increase line item; SH-86: Founders Parkway by the corresponding amount to \$8,213,000. Increase total project funding.
11/20/2008	Amended	Increase state Surface Treatment funds by \$4,039,000 in FY 2009, \$2,169,000 in FY 2010, and by \$3,061,000 in FY 2011. Increase line item I-25: Tomah Rd to Douglas Lane from \$5,541,000 to \$5,562,000. Add the following new line items: I-70: Tower Rd to Colfax Ave for \$6,000,000; US-285: Turkey Creek Canyon East for \$1,250,000; SH83/Parker Rd: pavement preservation for \$1,008,000; SH-72: Junction of SH-93-North for \$900,000; US-285: Deer Creek to Richmond Hill for \$5,000,000; US-85: Louviere to C-470 (various locations) for \$1,750,000; and I-25 South: El Paso County Line-North for \$3,000,000. Increase total project funding.
10/15/2008	Amended	Add state Surface Treatment funds in the amounts of \$6,119,000 in FY 2008 and \$2,298,000 in FY 2009, and add state Regional Priority Projects (RPP) funds in the amount of \$837,000 in FY 2008. Modify line items as follows; PE & Design from \$1,600,000 to \$600,000, SH-79: North of Bennett from \$500,000 to \$3,200,000, SH-86: Founders Parkway from \$7,000,000 to \$7,777,000, South I-25: Tomah Rd. from \$5,500,000 to \$5,541,000, and Unallocated 08-10 from \$941,000 to \$12,831,000. Add the following line items; US-6: Golden-West for \$1,629,000 and I-70: Hogback West for \$282,000. Increase total project funding.
09/29/2008	Amended	Add \$351,000 of state Surface Treatment funds to FY 2009 and increase the US-285: Foxton-Richmond Hill project by the corresponding amount to total \$1,791,000. Increase total project funding.

Date	Status	Description
06/30/2008	Amended	Reduce state RPP funds in FY 2008 in the amount of \$381,000 and return to the state pool and add \$381,000 of state Surface Treatment funds in FY 2009. Total project funding remains unchanged.
04/21/2008	Amended	Add \$381,000 of HB-1310 Regional Priority Projects (RPP) funds and \$181,000 of Surface Treatment funds in FY 2008. Increase total project funding.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
02/13/2008	Amended	Add \$296,000 of Regional Priority Projects (RPP) funds to FY 2008 and allocate same amount to new line item; SH 86: Founders Parkway. Increase total project funding.
12/19/2007	Amended	Add \$273,000 of RPP funds to FY 2008 and increase line items; SH-79: North of Bennett by \$100,000, and the I-70 Hogback West project by \$173,000. Total funding increases by \$273,000.
11/29/2007	Amended	Add \$29,000 of RPP funds to FY 2008 and increase line item, I-70 Hogback West project by the same amount. Transfer \$41,000 from I-25: Larkspur-North to Tomah Rd/Douglas Lane. Total funding increases by \$29,000.
09/12/2007	Amended	Add \$80,000 of state Regional Priority Project (RPP) funds to FY 2008 from Region 1 Safety TSM Pool. Increase line item project I-70 Hogback West by this amount.
08/10/2007	Amended	Add \$41,000 of state Surface Treatment funds in FY 2008. Increase line item project, South I-25: Larkspur-North by this amount.
07/18/2007	Amended	Reduce funding for US-6: Golden West Overlay project. Add funding to the SH-79 Pavement Preservation: North of Bennett project. Add two new projects; Foxton Road to Richmond Hill Road, and Tomah Road to Douglas Lane. Delay the SH-86: Founders Parkway project until FY 2010. Unallocated funding amount will change respectively. Total project costs remain unchanged.
06/21/2007	Amended	Delete two projects; I-25: Tomah Rd to Douglas and I-70: Tower Rd. to Colfax. Add one new project US-6: Golden-West Overlay. Modify funding for Pavement Preservation, I-25 Larkspur-North, I-70 Hogback West and the Unallocated 2007-2009. Total funding is unchanged.
04/13/2007	Amended	Add \$492,000 to State Surface Treatment funds and add \$107,000 of Maintenance Level of Service (MLOS) /System Quality funds to Federal/State (80/20 split) in FY 2007.
03/07/2007	Amended	1) Additional \$4,790,000 awarded to the pool comprised of HB1310 "RSL=0" funds (\$4,200,000), Safety funds (\$450,000 state), and Maintenance Level of Service (MLOS) funds (\$140,000). This funding is to be allocated to 3 existing projects: \$730,000 to the I-70 Hogback West project, \$660,000 to the SH-86 Franktown East project, and \$1,500,000 to the SH 86: Founders Parkway project, and one new project: SH-83: El Paso County Line-North Resurfacing project, \$1,900,000.
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Region 4 Bridge On-System Pool**

Project Type: **Bridge**

TIP-ID: **2007-133**

STIP-ID: **SR46598**

Open to Public:

Sponsor: **CDOT Region 4**

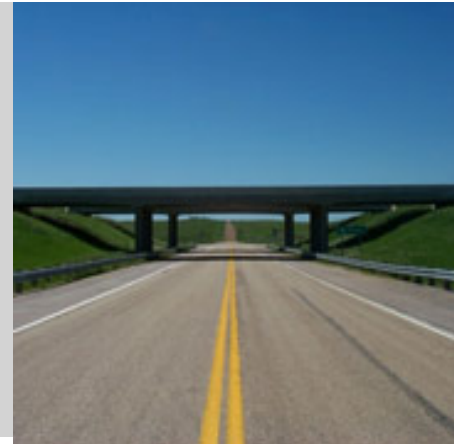
## Project Scope

Pool funds Region 4 On-System bridge projects.

Affected County(ies)

Boulder

Weld



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)
Bridge Asset Management	I-25, SH-157, US-287	\$2,565	US-287 (FY17)	Jasper Rd North	\$135			
SH-119 (FY18)	Boulder East, Niwot Rd to Hover St	\$220	SH-7 (FY19)	28th St to US-287	\$613			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (BR)		\$0	\$0	\$0	\$0	\$0		
State		\$1,565	\$1,135	\$220	\$613	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>		\$0	\$1,565	\$1,135	\$220	\$613	\$0	\$3,533

Date	Status	Description
09/22/2016	Amended	Remove pool project "Boulder County Scour Package" and corresponding FY 2017 amount of \$3,330,000. Add \$55,000 in FY 2019 and add to the "SH-7 - 28th St to US-287" pool project. Total project funding decreases.
04/19/2016	Amended	Add \$1,455,000 of state Bridge On-System funds in FY2016, \$1,165,000 in FY2017, \$220,000 in FY2018, and \$558,000 in FY2019. Add the following projects and corresponding amounts; SH-119: Boulder East (Niwot to Hover) (FY18) for \$220,000; US-287: Jasper Rd North MP 307.95-309.2 (FY17) for \$135,000; SH-7: 28th St - US-287 MP 52.0-60.2 (FY19) for \$558,000; and Boulder County Scour Package: US-36, US-287 (FY17) for \$3,300,000. Decrease Bride Asset Management: I-25, US-157, US-287 by \$845,000. Increase total project cost.
04/16/2015	Approved	Adopted into the 2016-2021 TIP
03/19/2015	Amended	Add the following project and corresponding amount to the pool: I-25, SH-157 and US-287 bridge overlay and repair for \$1,442,000. Add \$1,442,000 of State Bridge funds in FY2015. Increase total project funding.
02/09/2015	Amended	Add the following project and corresponding amount to the pool; I-25, US-157 and US-287 bridge overlay maintenance for \$1,442,000. Add \$1,442,000 of state Bridge funds in FY2015.
12/11/2013	Amended	Remove \$1,187,000 of state Bridge-On funds in FY2014 replacing with state RPP funds in the same amount. Add \$158,000 of state Regional Priority Projects (RPP) funds in FY2014 allocating to new pool project: I-25, SH-157, and US-287- Bridge Maintenance (\$158,000). Increase total project funding.
05/04/2012	Amended	Add pool project SH-7- CBC between Ferricliff and Allenspark (\$250,000) using unallocated pool funding. Total project funding remains unchanged.
03/13/2012	Amended	Add \$470,000 to SH-157 at US-36. Total project funding remains unchanged.
10/13/2011	Amended	Add the following new project: SH-157 at US-36 (E-16-W) Bridge Deck Replacement (\$1,710,000) from existing unallocated pool funds. Total project funding remains unchanged.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
03/02/2011	Amended	Add the following new project: Design of bridge deck replacement for structure E-16-HW for \$200,000 from existing funding levels. Total funding remains unchanged.
11/12/2010	Amended	Add I-25 North: Mead Structures D-17-DA and D-14-DB with \$500,000 of existing FY2011 funds to the project and increase the SH-93: Critical Culvert Repair project by \$250,000 with existing FY2011 funding. Total funding remains unchanged.
06/21/2010	Amended	Add SH-93 Critical Culvert Repair and allocate \$100,000 of existing state Bridge On-System funds to project. Total funding remains unchanged.
07/23/2009	Amended	Increase state Bridge On-System funds in FY 2010 by \$210,000 and add line item; SH-66: St. Vrain Bridge by the corresponding amount.
05/22/2008	Amended	\$3,793,000 of State Bridge On-System funds are allocated in FY 2008. Total project funding increases.
03/19/2008	Approved	Adopted into the 2008-2013 TIP

Date	Status	Description
11/29/2007	Amended	Add \$5,181,000 of new Regional Priority Projects (RPP) funds and \$200,000 of Region 4 Bridge On-System funds in FY 2008. Total funding increases by \$5,381,000.
06/08/2007	Amended	Reduce State Bridge On-System funding by \$335,000 in FY 2008 and by \$384,000 in FY 2009.
06/14/2006	Approved	Adopted into the 2007-2012 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)

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)

Adams  
Arapahoe  
Boulder  
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)
City of Boulder	19th St Sidewalk Improvement (FY16)	\$350	City and County of Denver, Dept of Environmental Health	Denver SRTS (FY16)	\$86	School District 27J (Brighton)	SRTS for Brighton Elementary Students (FY16)	\$23
City of Englewood Community Development	Broadway/Mansfield Enhanced Safety Crossing (FY16)	\$139	City of Golden	City of Golden SRTS Program (FY16)	\$29			
City of Arvada	Lawrence ES SRTS Project (FY16)	\$4	Englewood Schools Arapahoe I	Englewood Middle School Biking and Walking Project (FY16)	\$20			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (Safety)		\$652	\$0	\$0	\$0	\$0		
Local		\$286	\$0	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$938</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$938</b>

Date	Status	Description
06/21/2016	Amended	Proposed for adoption into 2016-2021. Add funding and projects to pool.
04/10/2014	Amended	Add the following projects and corresponding amounts to the pool in FY2014 state safety funds; City of Boulder Hanover Multi-Use Path for \$270,000; City of Littleton Berry Ave/Fed Blvd Ped Safety Improvements for \$119,606; City of Commerce City East 72nd Avenue Corridor Infrastructure Improvements for \$291,560; City of Sheridan SRTS Infrastructure Improvements for \$174,809; and the City of Thornton Brantner ES Trail for \$249,475.
05/16/2013	Amended	Add \$308,000 of state SRTS funds in FY2013 allocating to new pool projects: Boulder County- Platte Middle School Sidewalks and Bike/Walk Program (\$239,000), and City of Boulder- Heads Up Boulder Public Outreach Campaign (\$69,000). Increase total project funding.
06/12/2012	Amended	Add \$913,000 of state Safety funds in FY2012 allocating to: City of Lakewood- 2012 Safe Routes to Schools (\$44,000), Adams County District 50- Safe Routes to School Program (\$24,000), Littleton Public Schools- Safe Routes to School (\$38,000), Douglas County School District- Safe Routes to School (\$38,000), Jefferson County Public Schools- Students Move to School (\$45,000), Adams 12 Five Star Schools- Safe Routes to School (\$17,000), West Metro Fire Rescue- Getting to School Safely (\$31,000), Jefferson County- NEAT Trail Completion (\$249,000), City of Arvada- Garrison Street Bicycle/Pedestrian Facility (\$135,000), and City of Boulder- Manhattan Middle School SRTS Improvements (\$250,000). Increase total project funding.
05/19/2011	Amended	Add \$773,642 of state Safety funds in FY2011 and allocate to nine Safe Routes to School projects listed in the project scope. Total funding remains unchanged.
04/16/2010	Amended	One new infrastructure and eight new non-infrastructure projects selected to the pool. Add \$446,972 to the pool in FY 2010. Increase total pool funding.
04/06/2009	Amended	Three new infrastructure and six new non-infrastructure projects selected to the pool. Add \$815,563 of state Safety funds in FY 2009.
06/08/2007	Amended	Add \$661,000 of State Safety funds to FY 2007.
08/28/2006	Amended	Adding 15 projects to Pool

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **I-25: Santa Fe Dr to Alameda Ave Interchange Improvements (Valley Hwy Phases I and II)** Project Type: **Interchange Reconstruction**

TIP-ID: **2007-158**

STIP-ID: **SDR7047**

Open to Public: **2016**

Sponsor: **CDOT Region 1**

## Project Scope

Reconstruct interchanges at I-25/Santa Fe Dr and I-25/Alameda Ave as Phases 1 and 2 of the Valley Highway ROD (TIPID 1999-009).



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		
State (Faster-S)		\$11,156	\$11,346	\$2,000	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	<b>\$119,724</b>	<b>\$11,156</b>	<b>\$11,346</b>	<b>\$2,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$144,226</b>

Date	Status	Description
04/16/2015	Approved	Adopted into 2016-2021 TIP
09/20/2013	Amended	Add \$4,350,000 in FY2014, \$2,275,000 in FY2015, and \$7,375,000 in FY2016-17 of state FASTER Safety funds (Also show in TIPID #2008-076) and add \$2,000,000 of state Bridge On-System funds in FY2014. Reduce state Regional Priority Project (RPP) funds by \$8,250,000 in FY2014 and \$5,850,000 in FY2015. Increase total project funding.
10/13/2011	Amended	Add \$3,300,000 of state Regional Priority Project (RPP) funding and remove \$1,925,000 of state Congestion Relief funding in FY2012. Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
08/18/2010	Amended	Add \$39,000,000 of state Regional Priority Project (RPP) funds in FY 2011 and reduce future funding by the corresponding amount. Total funding remains unchanged.
06/21/2010	Amended	In FY 2010, reduce ARRA (ES9-CDOT) funds by \$1,000,000, increase state Regional Priority Project (RPP) funds by \$1,000,000, and decrease state Congestion Relief funds by \$681,000. In FY 2011, reduce state Regional Priority Project funds by \$10,178,000 and increase state Congestion Relief funds by \$20,000. Reduce total project funding.
02/17/2010	Amended	Add \$500,000 of state Regional Priority Project (RPP) funds in FY 2010. Increase total project funding.
10/15/2009	Amended	Add \$2,000,000 of state Regional Priority Project (RPP) funds in FY 2010. Increase total project funding.
08/28/2009	Amended	Decrease Surface Treatment funds by \$3,900,000 in FY 2010. Decrease total project funding.
08/19/2009	Amended	Reduce state Congestion Relief funds by \$681,000 in FY 2010 and add \$20,000 in FY 2011, and reduce state Regional Priority Project (RPP) funds by \$10,072,000 in FY 2010 and add \$235,000 in FY 2011. Decrease total project funding.
08/12/2009	Amended	Add \$14,300,000 of ARRA (ES9-CDOT) funds in FY 2010. Increase total project funding.
07/15/2009	Amended	Add \$4,900,000 of state Surface Treatment funds in FY 2010 from Surface Treatment Pool (TIP ID # 2001-214). Increase total project funding.
07/06/2009	Amended	Reduce state Congestion Relief funds by \$681,000 in FY 2010 and add \$20,000 in FY 2011, and reduce state Regional Priority Project (RPP) funds by \$10,072,000 in FY 2010 and add \$235,000 in FY 2011. Decrease total project funding.
03/23/2009	Amended	Add \$22,100,000 of ARRA (ES9-CDOT) funds to FY 2009. Increase total project funding.
06/30/2008	Amended	Transfer \$1,925,000 of state Congestion Relief funds from FY 2009 to FY's 2012-2013. Total project funding remains unchanged.
03/19/2008	Approved	Adopted into the 2008-2013 TIP
11/29/2007	Amended	Add \$11,000,000 of HB-1310 Regional Priority Project (RPP) funds to FY 2008 and reduce future funding by \$11,000,000. Total funding remains unchanged.
01/31/2007	Amended	Add \$8,000,000 in Regional Priorities Program funds (Source HB 1310) in FY2007 and set total costs at amount defined from 1999-009.

# 2016-2021 Transportation Improvement Program (Approved TIP)

Title: **RTD Enhancements - ADA/Ped/Bus Shelter**

Project Type: **Transit Passenger Facilities**

TIP-ID: **2007-169**

STIP-ID: **SST6741.018**

Open to Public:

Sponsor: **R T D**

## Project Scope

ADA upgrades and pedestrian improvements at the LRT stations; shelter kits including canopies, bike accessory upgrades, and landscaping upgrades at the Transit Centers and Park-n-Rides; digital signage installations along the LRT corridors; ADA bus announcement upgrades at station boarding areas, and public art projects at the stations.

Affected County(ies)

Regional



Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (5307)		\$530	\$545	\$562	\$578	\$1,156		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$106	\$109	\$113	\$116	\$232		
<b>Total</b>		<b>\$0</b>	<b>\$636</b>	<b>\$654</b>	<b>\$675</b>	<b>\$694</b>	<b>\$0</b>	<b>\$4,047</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP
04/10/2014	Amended	Add \$360,000 in federal Section 5307 funds and \$97,000 in local match in FY2013, \$375,000 federal and \$101,000 in local match in FY2014, \$390,000 federal and \$105,000 in local match in FY2015 and \$1,093,000 federal and \$273,000 in local match in FY2016-17. Increase total project funding.
06/12/2012	Amended	Update project scope to include "ADA bus announcement upgrades at station boarding areas." Total project funding remains unchanged.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
03/15/2011	Amended	Add \$364,000 of federal Section 5307 funds and \$91,000 local match to FY2011 and modify project scope to add 'New enhancement funds will be used for fixed-route ADA automatic annunciators, shelter enhancements and bicycle upgrades.' Increase total project funding.)
03/19/2008	Approved	Adopted into the 2008-2013 TIP
06/08/2007	Amended	Allocate Section 5307 funds as follows; \$1,409,000 to FY 2007, \$400,000 to FY 2008, \$404,000 to FY 2009 and \$408,000 to FY 2010-2012; and local match of \$352,000 to FY 2007, \$100,000 to FY 2008, \$101,000 to FY 2009 and \$102,000 to FY 2010-2012.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Region 4 Bridge Off-System Pool**

Project Type: **Bridge**

TIP-ID: **2008-028**

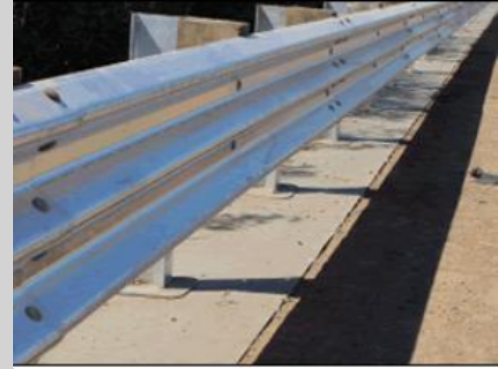
STIP-ID: **SR46601**

Open to Public:

Sponsor: **CDOT Region 4**

## Project Scope

Bridge Off-System Pool funds off-system bridge projects throughout CDOT Region 4 (Boulder and SW Weld Counties).



Affected County(ies)

Boulder

Weld

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)
Castle Rock Upper and Lower Bridge (Boulder County) (FY17)		\$133						

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (BRO)		\$0	\$133	\$0	\$0	\$0		
State		\$0	\$33	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	\$0	\$0	\$166	\$0	\$0	\$0	\$0	\$166

Date	Status	Description
05/19/2016	Amended	Add \$133,000 of federal Bridge On-System funds in FY2017. Add the following project and corresponding amount to pool: Castle Rock Upper and Lower Bridge (Boulder County) (FY17) for \$133,000. Increase total project funding.
04/16/2015	Approved	Adopted into the 2016-2021 TIP
08/21/2013	Amended	Add \$159,000 of federal Bridge Off-System funds and \$40,000 of local match in FY2014 allocating to: County Rd 5 Over Sullivan Ditch (\$159,000). Increase total project funding.
02/15/2012	Amended	Add \$830,000 of federal Bridge-off System funding and \$207,000 of local match in FY2012 allocating to Boulder County Rd 49 over St. Vrain Canal. Increase total project funding.
12/15/2011	Amended	Add \$261,000 of state Regional Priority Project (RPP) funding in FY2012 allocating to Lefthand Creek Bridge- 63rd St (\$221,000) and Weld County Bridge (\$40,000). Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
07/26/2010	Amended	Add \$320,000 of state Bridge Off-System funds and \$80,000 of local funds in FY 2010 and allocate to the Bridge Rehabilitation Project: Weld County Road (WCR) 6 and US-85. Increase total project funding.



# 2016-2021 Transportation Improvement Program (Approved TIP)



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-121/72nd Ave	Right turn accel lanes	\$961	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-6	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	I-70 at Garrison Lane Balancing		\$3,200
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			

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>\$0</b>	<b>\$147,339</b>

Date	Status	Description
08/18/2016	Amended	Add the following project and corresponding amount to the pool; I-70 at Garrison Lane Balancing for \$3,200,000. Total project funding remains unchanged.
05/20/2015	Amended	Increase US-85 and Kuner Rd Barrier Replacement cost from \$560,000 to \$700,000 to reflect sponsor's original request. Total project funding remains unchanged.
04/16/2015	Approved	Proposed for adoption into 2016-2021
09/20/2013	Amended	Transfer pool project I-25/Santa Fe (#2007-158) and add \$13,000,000 from unallocated (total=\$29,500,000) and transfer US-85: Santa Fe Dr and Oxford UPRR Crossing Surface Replacement and add \$230,000 from unallocated (total=\$730,000) from TIPID #2008-078. Add new pool project: US-285: Shaffers Crossing Interchange (\$500,000) using unallocated funds. Total project funding remains unchanged.
08/21/2013	Amended	Add \$260,000 of state Bridge On-System funds in FY2014 substituting out the FASTER Safety funds to pool project: I-25 SB at Surry Ridge Rd-Concrete Approach Slab Replacements (\$260,000). Add \$24,315,000 in FY2014 and \$25,204,000 in FY2015 of state FASTER Safety funds and pool project "Signal Upgrades- Various Locations (+\$150,000 = \$3,400,000 total)" transferred from project TIPID #2008-078. Increase total project funding.

Date	Status	Description
08/21/2013	Amended	Add \$260,000 of state Bridge On-System funds in FY2014 substituting out the FASTER Safety funds to pool project: I-25 SB at Surry Ridge Rd-Concrete Approach Slab Replacements (\$260,000). Add \$24,315,000 in FY2014 and \$25,204,000 in FY2015 of state FASTER Safety funds and pool project "Signal Upgrades- Various Locations (+\$150,000 = \$3,400,000 total)" transferred from project TIPID #2008-078. Increase total project funding.
07/24/2013	Amended	Add \$917,000 of state FASTER Safety funds, allocating to: I-25 SB at Surrey Ridge Rd: Concrete Approach Slab Replacements (\$1,460,000) and US-40: Byers to Deer Trail- Asphalt and Bridge Repair (\$657,000). Increase total project funding.
04/09/2013	Amended	Add \$300,000 of state FASTER Safety funds in FY2013 allocating to: I-25: US-85/SH-86 Interchange Improvements (\$1,500,000). Increase total project funding.
12/05/2012	Amended	Add \$4,000 of state FASTER Safety funds in FY2013 allocating to: SH-83: Access Improvements in Franktown (\$504,000). Increase total project funding.
11/07/2012	Amended	Reallocate \$3,900,000 of state FASTER Safety funds from FY2012 to FY2013. Add \$2,000,000 of state FASTER Safety funds in FY2013 allocating to new pool project: US-40: Type 3 W-Beam Guardrail Replacement. Increase total project funding.
10/15/2012	Amended	Delete the I-70 East: Tower-Colfax pool project and reduce state FASTER Safety funds in FY2013 by \$3,900,000. Decrease total project funding.
09/18/2012	Amended	Add \$200,000 of state FASTER Safety funds in FY2013 allocating to I-25: Allen Way Intersection/I-25 intersection improvements and rename the project I-25: US-85/SH-86 Interchange Improvements. Increase total project funding.
08/13/2012	Amended	Add \$600,000 of state FASTER Safety funds in FY2013 allocating to: SH-74: Culverts Relining & Repairs (\$400,000) and US-285: Windy Point Underdrain Removal & Replacement (\$200,000). Increase total project funding.
05/04/2012	Amended	Project awarded additional funding and adds a new pool project. Add \$187,000 in FY2012 of additional state FASTER funds to SH-83 (Parker Rd)-N. Russelville Rd (\$687,000) and \$1,200,000 in FY2013 of state FASTER funds allocating to a new project: I-25 SB at Surrey Ridge Road
12/15/2011	Amended	Add \$28,000 of state FASTER Safety funds in FY2012 allocating to pool project US-285: Truck Warning System Aspen Park to Morrison (\$28,000). Increase total project funding.
11/14/2011	Amended	Project awarded \$121,000 of state FASTER funds in FY2012, allocating to pool project SH-86 at Deerpath Road, and \$500,000 of state FASTER funds in FY2013, allocating to the new pool project I-70 West: Floyd Hill Wildlife Mitigation. Increase total project funding.
08/15/2011	Amended	Shift \$1,522,000 of state FASTER funding from FY2012 to FY2013 and reduce state FASTER funding in FY2012 by \$1,255,000. Add \$200,000 to SH-83: North Russelville Rd Intersection improvements. Add the following new projects: SH 83 Access Improvements in Franktown (\$500,000), US-85/ North Meadows Extension: New Interchange (\$4,600,000), US-285 Truck Warning System: Aspen Park to Morrison (\$400,000), I-70 West: Recreational Path/Non-motorized Highway Bypass from El Rancho to Genesee (\$700,000), I-25 & SH 86: Allen Way Intersection/I-25 Interchange Improvements (\$1,000,000), I-70 West: Active Traffic Management - Mt.Vernon Canyon-East (\$2,500,000). Decrease total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
06/20/2011	Amended	Add \$62,000 of state FASTER safety funding to FY2011 allocating to South I-25 Frontage Road Cable Rail Installation (\$887,000). Increase total project funding.
04/20/2011	Amended	Add \$95,000 of FASTER Safety funds in FY2011, allocating to SH-86 at Deerpath Rd. Increase total project funding.
03/15/2011	Amended	Reallocate \$322,000 of state FASTER Safety funds from US-285: Bailey to Richmond Hill in FY2010 to FY2011 allocating to US-285: Turkey Creek Canyon. Total funding remains unchanged.
12/22/2010	Amended	Add \$13,000 to I-70 West: Delineator Upgrades project in FY2011 and move \$4,200,000 to FY2012-13. Increase total project funding.
11/10/2010	Amended	Remove \$500,000 from US-285: Turkey Creek Canyon project and \$275,000 from I-25 South: near Tomah Road project, and reduce FY2011 amount by corresponding amounts. Decrease total project funding.
05/21/2010	Amended	Add \$620,000 to the US-285: Turkey Creek Median Rockfall project from US-285 Overlay: Bailey-Richmond Hill project. Total funding remains unchanged.
02/23/2010	Amended	Add \$7,075,000 of FASTER Safety funds to FY 2011 and allocate to new projects as follows: SH-83 (Parker Road): North Russelville Rd Intersection Improvements (\$300,000), SH-83 (Parker Road): Indian Pipe Decel Lane NB (\$400,000), SH-86 and Deerpath Rd: Widening EB Left Turn Lane (\$400,000), I-70 West (Jeff Co): Delineator Lanes (\$175,000), US-285: Turkey Creek- Median Upgrades/Rockfall Mitigation (\$500,000), I-70 East: Tower to Colfax- Shoulder Improve. (\$3,900,000), I-70 East (near Bennett): VMS Install. (\$300,000), I-25 South (near Tomah Rd): Cable Rail Maintenance (\$1,100,000). Increase total project funding.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Region 4 FASTER Pool**

Project Type: **Safety**

TIP-ID: **2008-077**

STIP-ID: **SR460606**

Open to Public:

Sponsor: **CDOT Region 4**

## Project Scope

Pool contains safety-related improvements and upgrades based on the FASTER funding program (Colorado Senate Bill 108) in CDOT Region 4.

Affected County(ies)

Boulder

Weld



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-7	Shoulder Gaps and Safety (Flood)	\$3,000	SH-7	Safety Improvement (DRCOG portion only)	\$4,597	US-36 (FY17)	Estes Park to Boulder	\$200
SH-119	Gilpin CL to Boulder City Limits	\$2,000	SH-119 (FY17)	County Line Rd to I-25	\$110	SH-119 (FY19)	11th St signals including bike/ped	\$1,000

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
Federal (BR)		\$0	\$0	\$0	\$285	\$0		
Federal (Crit Clvrt)		\$2,060	\$0	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
State (Faster-S)		\$6,250	\$1,312	\$0	\$1,000	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	<b>\$0</b>	<b>\$8,310</b>	<b>\$1,312</b>	<b>\$0</b>	<b>\$1,285</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,907</b>

Date	Status	Description
04/19/2016	Amended	Move \$280,000 of federal Bridge On-System funds from FY2018 to FY2019. Add \$1,312,000 of state FASTER Safety funds in FY2017 and \$1,000,000 in FY2019. Add the following projects and corresponding amounts to the pool; SH-119 County Line Rd (FY17) to I-25 for \$110,000; US-36: Estes Park to Boulder (FY17) for \$200,000; and SH-119: 11th St Signals Including Bike/Ped (FY19) for \$1,000,000. Increase SH-7: Safety Improvements (DRCOG portion only) projects to \$4,597,000. Increase total project funding.
01/21/2016	Amended	Add Federal Bridge On System and Critical Culvert funding types to project. Add \$1,250,000 of state FASTER Safety funds in FY2016. Add \$2,060,000 of federal Critical Culvert funds in FY2016. Add \$285,000 of Federal Bridge On Systems funds in FY2016. Add the following project and corresponding amount to pool: SH-7: Safety Improvements (DRCOG portion only) South of Estes Park to SH-72 for \$3,310,000 to pool. Increase total project funds.
04/16/2015	Approved	Proposed for adoption into 2016-2021
11/07/2012	Amended	Reduce funding for SH-119 at Jay Rd and SH-119 at Niwot Rd by \$700, returning funds to unallocated. Total project funding remains unchanged.
02/15/2012	Amended	Add the following pool project using existing pool funds: SH-93: SH-170 to SH-128 Shoulders Project (\$2,100,000). Total project funding remains unchanged.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
05/19/2011	Amended	Add the following new project: design and Right-of-way for SH93 shoulders from Hwy 170 to Hwy 128 for \$400,000 from existing state FASTER safety funding. Total funding remains unchanged.
08/17/2010	Amended	Decrease SH-7 Lengthen Culverts project by \$300,000 in FY 2011. Decrease total project funding.
07/26/2010	Amended	Add \$8,000,000 of FASTER Safety funds in FY's 2012-2013 and allocate as follows; New projects: SH-119 at WCR 5.5 (signal improvements) for \$350,000, Baseline at US-36: Bike/Ped Underpass for \$500,000, SH-42 at Paschal Underpass for \$650,000, and US-287 at SH-119 (Longmont intersection improvements) for \$1,250,000. Allocate the following amounts to existing projects; SH-119 at Jay Rd. for \$1,500,000, SH-119 at Niwot Rd. for \$1,500,000, and SH-66 WCR 17-19 for \$2,250,000. Increase total project funding.
03/16/2010	Amended	Add \$4,600,000 of FASTER Safety funds in FY 2011, allocating \$2,250,000 to SH-52 at WCR 11 Intersection, and adding the following projects: SH-119 at WCR 7.5 Signal for \$350,000, SH-7: Lengthen Culverts for \$1,000,000, and SH-66, WCR 17-09 surface treatment, shoulders, and turn lanes for \$1,000,000. Increase total project funding.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **North I-25: Front Range EIS**

Project Type: **Roadway/Transit Studies**

TIP-ID: **2008-081**

STIP-ID: **SSP4028**

Open to Public:

Sponsor: **CDOT Region 4**

## Project Scope

Funds will be used to complete the Final Environmental Impact Statement, the Record of Decision for Phase I of North I-25 (MP 214 - 269), and for design and Right of Way for phase I elements. Project funding shown is for DRCOG portion only.



### Affected County(ies)

- Adams
- Broomfield
- Denver
- Weld

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (R P P)		\$550	\$451	\$0	\$1,313	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	<b>\$21,317</b>	<b>\$550</b>	<b>\$451</b>	<b>\$0</b>	<b>\$1,313</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23,631</b>

Date	Status	Description
09/22/2016	Amended	Move \$438,000 of FY 2018 funding to FY 2019, and add \$450,000 to FY 2019 of state Regional Priority Projects (RPP) funds. Increase total project funding.
02/23/2016	Amended	Add \$85,000 of state RPP funds in FY2016. Increase total project funding.
04/16/2015	Approved	Adopted into the 2016-2021 TIP
03/19/2015	Amended	Add \$60,000 of state RPP funds in FY2015 for additional evaluation at SH-7. Increase total project funding.
03/19/2015	Amended	Add State RAMP funding type. Add \$10,000,000 of State RAMP funds in FY2015 for preconstruction activities. Increase total project funds.
01/07/2014	Amended	Add \$1,200,000 in state Regional Priority Program (RPP) funds in FY2014. Increase total project funding.
12/11/2013	Amended	Add \$1,200,000 of state Regional Priority Project (RPP) funds in FY2014. Increase total project funds.
05/16/2013	Amended	Add \$150,000 of state 7th Pot funds in FY2013. Increase total project funding.
05/09/2013	Amended	Add \$2,303,000 in FY2014, \$2,303,000 in FY2015, and \$5,852,000 in FY2016-17 of state RPP funds. Increase total project funding.
10/15/2012	Amended	Reduce state Regional Priority Projects (RPP) funding by \$450,000 in FY2013 and add \$450,000 of 7th Pot funds in FY2013. Total project funding remains unchanged.
02/15/2012	Amended	Add \$1,035,000 of state Regional Priority Project (RPP) funding in FY2015. Increase total project funding.
12/15/2011	Amended	Add \$1,900,000 in FY2012, \$1,035,000 in FY2013, and \$1,035,000 in FY2014 of state Regional Priority Project (RPP) funding. Increase total project funding.
10/13/2011	Amended	Update scope to read: 'Funds will be used to complete Final Environmental Impact Statement, the Record of Decision for Phase I of North I-25 (MP 214 - 269), and design and Right of Way for Phase I elements. Project funding shown is for DRCOG portion only.' Total project funding remains unchanged.)
04/20/2011	Amended	Add \$1,000,000 in state Regional Priority Project (RPP) funds to FY2012. Increase total project funding.
04/12/2011	Adopted	Adopted into the 2012-2017 TIP
03/16/2010	Amended	Add \$1,200,000 of Regional Priority Project (RPP) funds to FY 2010.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Region 1 FASTER Bridge Enterprise Pool**

Project Type: **Bridge**

TIP-ID: **2008-103**

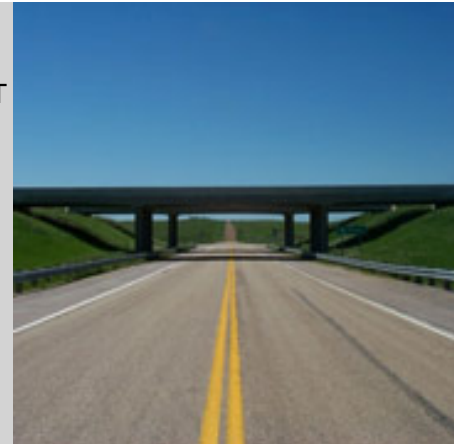
STIP-ID: **SST8102**

Open to Public:

Sponsor: **CDOT Region 1**

## Project Scope

Pool contains bridge-related improvements and repairs based on the new FASTER Bridge Enterprise 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-70	Over UPRR	\$11,934	US-287 (Federal)	Over BNFN at 69th Ave	\$12,154	I-70 Viaduct	(see TIP ID-2016-003)	
York St	Over I-270	\$17,380	County Rd	Over I-70	\$7,296	US-85	Sand Creek	\$113
I-70 WB	Over US 6, Clear Creek	\$30,000	US-36	Over Draw	\$3,379			
I-70 Frontage Rd	Over Clear Creek	\$3,910	SH-9	Over Platte Gulch	\$874			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (FASTER-B)		\$11,000	\$4,154	\$17,000	\$54,773	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	<b>\$113</b>	<b>\$11,000</b>	<b>\$4,154</b>	<b>\$17,000</b>	<b>\$54,773</b>	<b>\$0</b>	<b>\$0</b>	<b>\$87,040</b>

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021
02/21/2013	Amended	Add \$113,000 of state FASTER Bridge funds in FY2013 allocating to new project: US-85 over Sand Creek (\$113,000). Increase total project funding.
03/13/2012	Amended	Add \$3,600,000 of state FASTER Bridge Enterprise funding in FY2012 allocating to: US-85 over Oxide Draw (\$1,500,000) and US-85 over Highlands Gulch (\$2,100,000). Increase total project funding.
12/15/2011	Amended	Add \$1,617,000 of state FASTER Bridge funding in FY2012 allocating to pool project SH-36 Bridge over Comanche Creek. Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
03/15/2011	Amended	Add \$240,000 of state FASTER Bridge Enterprise funds to FY2011 allocating to SH-36 Bridge over Comanche Creek. Increase total project funding.
09/14/2010	Amended	Add one project to the pool under state Bridge Enterprise funds in FY 2011; SH-36 over Comanche Creek (Design) for \$216,000.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Region 1 FASTER Transit Pool**

Project Type: **Transit Operational Improvements**

TIP-ID: **2008-105**

STIP-ID: **SR17004**

Open to Public:

Sponsor: **CDOT Region 1**

## Project Scope

Pool contains transit-related projects based on the new FASTER Transit program (Colorado Senate Bill 108) in CDOT Region 1 (DRCOG TIP-area only).



### 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)
RTD	East Colfax/15L Transit Enhancements Project	\$770	Via Mobility	Bus Rehab (2)	\$83	RTD	First and Last Mile Study (FY17)	\$200
RTD	Speer Blvd Light Rail Crossing Repair and Replacement	\$470	RTD	Light Rail Vehicle Overhauls (2)	\$440	RTD	Mineral PnR Bridge Rehab (FY17)	\$57
RTD	Light Rail Vehicle Midlife Refurb/Overhaul	\$1,760	RTD	19th and California Light Rail X-ing Rehab and Reconstruct (FY17)	\$2,000	RTD	Thornton PnR Passenger Amenities (FY17)	\$308
Via Mobility	Bus Replacements (3)	\$900	RTD	Light Rail Midlife Refurb and Overhaul (3 Vehicles) (FY17)	\$1,000	CDOT Region 1	CDOT Region 1 Bus on Shoulder (FY17)	\$350

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (Faster-T)		\$4,423	\$3,915	\$0	\$0	\$0		
Local		\$1,106	\$979	\$0	\$0	\$0		
<b>Total</b>	<b>\$8,493</b>	<b>\$5,529</b>	<b>\$4,894</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,916</b>

Date	Status	Description
03/17/2016	Amended	Add \$3,914,938 of state FASTER Transit funds in FY17. Add the following projects and corresponding amounts; RTD - 19th and California Light Rail X-ing Rehab and Reconstruct (FY17) for \$2,000,000; RTD - Light Rail Midlife Refurb and Overhaul (3 Vehicles) (FY17) for \$1,000,000; RTD - First and Last Mile Study (FY17) for \$200,000; RTD - Mineral PnR Bridge Rehab (FY17) for \$56,938; RTD - Thornton PnR Passenger Amenities (FY17) for \$308,000; and CDOT Region 1 - CDOT Region 1 Bus on Shoulder (FY17) for \$350,000. Increase total project funding.
09/21/2015	Amended	Add \$3,183,200 of state FASTER funds and the following projects and corresponding amounts to pool: RTD Light Rail Vehicle Midlife Refurb/Overhaul for \$1,760,000; Via Mobility Bus Replacements (3) for \$900,000; Via Mobility Bus Rehabs (2) for \$83,200; and RTD Light Rail Vehicle Overhauls (2) for \$440,000. Increase total project funds.
05/20/2015	Amended	Add \$1,240,000 of state FASTER Transit funds in FY2016. Add the following projects in FY2016 and corresponding amounts; East Colfax/15L Transit Enhancements Project (RTD) for \$770,000 and Speer Blvd Light Rail Crossing Repair and Replacement (RTD) for 470,000. Increase total project funding.
05/05/2015	Amended	Proposed for adoption into 2016-2021
06/26/2014	Amended	Add \$5,660,277 of state FASTER Transit funds in FY2015 and \$1,132,055 in local safety funds in FY2015. Add the following projects and corresponding state funding amounts to the pool; Arvada Olde Towne Arvada Bus Transfer Facility phase 2 for \$1,338,521; RTD Civic Center Station Phase II for \$594,879; Seniors Resource Center Vehicle Replacements - SRC Urban and A-Lift for \$48,000; RTD Thornton Park-n-Ride Expansion for \$997,404; Superior/Louisville DDI Transit Improvements for \$463,610; Thornton SH 7 at I-25 Carpool Lot for \$521,988; and RTD Church Ranch P-n-R Boarding Platforms Relocation for \$1,265,863. Increase total project funding.
03/15/2013	Amended	Add \$253,000 of state FASTER Transit funds and \$63,000 of local match in FY2014 allocating to the following new pool projects: Seniors' Resource Center- Evergreen Vehicle Purchase (\$26,000), and Douglas County Transit Solutions- To the Rescue (TTR) Transit (\$227,000). Increase total project funding.

Date	Status	Description
03/13/2012	Amended	Add \$91,000 of state FASTER Transit funding and \$22,000 of local match in FY2013 allocating to: Castle Rock Senior Center Shuttle Bus Replacement (\$50,000) and Seniors' Resource Center (SRC) "Fix it First" Improvements to Evergreen Transit Facility (\$41,000). Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
12/22/2010	Amended	Add 3 projects to the pool under FASTER Transit funds in FY2011 and FY2012 totaling \$1,272,000, including local match. Specific projects listed in the scope. Increase total project funding.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Region 4 FASTER Transit Pool**

Project Type: **Transit Operational Improvements**

TIP-ID: **2008-106**

STIP-ID: **SR47005**

Open to Public:

Sponsor: **CDOT Region 4**

## Project Scope

Pool contains transit-related projects based on the FASTER Transit program (Colorado Senate Bill 108) in CDOT Region 4 (DRCOG-TIP area only).



### 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 (Faster-T)		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	<b>\$5,374</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,374</b>

Date	Status	Description
07/21/2016	Amended	Remove all rollover projects from pool. Total project funding remains unchanged.
04/16/2015	Approved	Proposed for adoption into 2016-2021
03/15/2013	Amended	Add \$1,017,000 in FY2014 and \$579,000 in FY2015 of state FASTER Transit funds and \$255,000 in FY2014 and \$144,000 in FY2015 of local match, allocating to the following new projects: CDOT DTR - Service Development Plan for Front Range Commuter Rail (\$352,000), CDOT Region 4- DDI Transit Improvements (statewide funds) (\$964,000); as well as additional funding for the following existing projects: Boulder- 14th/Walnut Tran. Center Improvements (statewide funds) (\$370,000- removing \$200,000 of FY11 funds and adding \$170,000 of FY14 funds), and Boulder- Transit Stop Enhancements (\$230,000- removing \$120,000 of FY11 funds and adding \$110,000 of FY14 & 15 funds). Reduce state FASTER Transit funds by \$16,000 and local match by \$4,000 in FY2012 to reconcile with pool project totals. Transfer \$240,000 of state FASTER Transit funds and \$60,000 of local match in FY2012 to TIPID #2012-051 and remove pool project Boulder County- SH119 Ped Underpass. Increase total project funding.
03/13/2012	Amended	Add \$1,767,000 of state FASTER Transit funding and \$355,000 of local match in FY2013 allocating to: US-287 and Niwot pnR Expansion (statewide funds) (\$280,000), Tantra Dr pnR upgrades (statewide funds) (\$284,000), Boulder County Special Transit Mountain Service (\$54,000), eGO Car Share "SHIFT" CMAQ Match TIP-ID #1997-097 (\$18,000), 36 Commuting Solutions Prepaid Pass Kiosks for US-36 BRT (statewide funds) (\$781,000), and Boulder Broadway Euclid Transit Stop Improvements (\$350,000). Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
12/22/2010	Amended	Add 6 projects to the pool under FASTER Transit funds in FY2011 and FY2012 totaling \$1,577,000, including local match. Specific projects listed in the scope. Increase total project funding.



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **FasTracks Eagle P-3 Corridors (Gold and East Line)**

Project Type: **Rapid Transit**

TIP-ID: **2008-111**

STIP-ID:

Open to Public: **2016**

Sponsor: **R T D**

## Project Scope

Build electrified commuter rail line running from Denver Union Station to Denver International Airport (East Line) and Denver Union Station to Ward Rd (Gold Line). Projects being combined at the request of FTA due to outcome of P-3 process. Former East Corridor TIP-ID 2007-052 and Gold Line Corridor TIP-ID 2007-054.

FasTracks Second Commitment in Principal STP-Metro funding for I-225 in FY16 will support double tracking in portions of the East Corridor.



Affected Municipality(ies)	Affected County(ies)
Arvada	Adams
Aurora	Denver
Denver	Jefferson
Wheat Ridge	

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
Federal (5309S)		\$165,000	\$150,000	\$45,950	\$0	\$0		
Federal (STP-M)		\$3,650	\$0	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$913	\$0	\$0	\$0	\$0		
Local (RTD)		\$140,729	\$140,856	\$41,696	\$0	\$0		
<b>Total</b>	<b>\$1,224,211</b>	<b>\$310,292</b>	<b>\$290,856</b>	<b>\$87,646</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,913,005</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP
09/18/2014	Amended	Add language to scope and add \$984,000 in federal STP-Metro funds transferred from TIP ID 2012-084 in FY2014 for the North Metro Corridor's FasTracks Second Commitment in Principle funding, which will support Gold Line 60th Avenue improvements. Increase total project funding.
06/26/2014	Amended	Revise 8/16/2012 amendment to move the I-225 Second Commitment in Principal project location from the Peoria/Smith station to double tracking in portions of the East Corridor. Add additional language to the scope to reflect this. Total project funding remains unchanged.
10/15/2012	Amended	Reduce local match by \$8,951,000 in FY2013, \$3,650,000 in FY2014, and \$3,600,000 in FY2015 which should have been removed previously with the addition of new federal funds. Decrease total project funding.
08/16/2012	Amended	Add \$3,600,000 in FY2015 and \$3,650,000 in FY2016-17 of federal CMAQ funds for the I-225 Corridor's FasTracks Second Commitment in Principle funding, which will support the Peoria/Smith Station. Increase total project funding.
08/06/2012	Amended	Add \$7,161,000 of federal CMAQ funds and \$1,790,000 of local match in FY2013 representing \$700,000 of the North West Corridor's federal funds and all (\$6,461,000) of the Gold Corridor's federal funds from FasTracks: DRCOG Second Commitment in Principle Pool (TIP ID 2012-010). Increase total project funding.
12/05/2011	Amended	Reallocate \$2,000,000 of federal CMAQ funds and \$500,000 of local match from FY2014 to FY2012 and \$2,000,000 of federal CMAQ funds, \$3,000,000 of STP Metro and \$1,250,000 of local match from FY2013 to FY2012. Total project funding remains unchanged.
11/17/2011	Amended	Add \$2,000,000 in FY2012, \$2,000,000 in FY2013, and \$2,000,000 in FY2014 of federal Congestion Mitigation / Air Quality (CMAQ) funds and \$3,000,000 in FY2012, \$3,000,000 in FY2013, and \$1,350,000 in FY2014 of federal STP Metro funds. Increase total project funding.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
12/22/2010	Amended	Transfer prior Gold Line (2007-054) and East Line (2007-052) federal Section 5309 New Starts and RTD local funding into single project.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **US-36: Boulder to I-25 Managed Lanes/BRT**

Project Type: **Roadway Capacity**

TIP-ID: **2008-114**

STIP-ID: **SDR2073**

Open to Public: **2016**

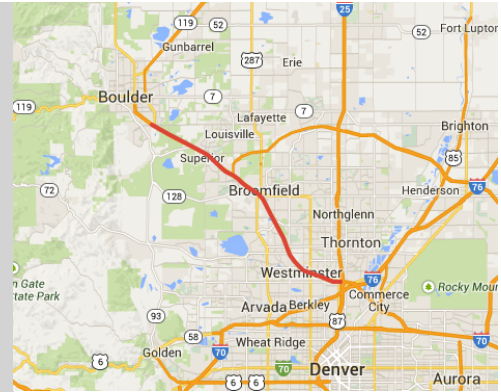
Sponsor: **HPTE**

## Project Scope

Construction of managed lanes/BRT on US-36 from Table Mesa Dr to I-25 Express Lanes.

2016-2021 TIP funding will construct ancillary enhancements.

2012-2017 TIP funding constructed an extension of the Managed Lane/BRT Facilities/US-36 Bikeway from the current terminus west to Table Mesa.



Affected Municipality(ies)	Affected County(ies)
Broomfield	Adams
Westminster	Boulder
	Broomfield
	Jefferson

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)		\$8,000	\$838	\$0	\$0	\$0		
<b>Total</b>	<b>\$452,278</b>	<b>\$8,000</b>	<b>\$838</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$264,184</b>	<b>\$725,300</b>

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021
12/20/2013	Amended	Add \$71,800,000 of local Private funds in FY2014. Increase total project funding.
08/21/2013	Amended	Add \$3,000,000 of State Transportation Committee (STC) Discretionary funds in FY2014. Increase total project funding.
12/05/2012	Amended	Transfer \$1,500,000 of state Regional Priority Project (RPP) funds from Future Funds to FY2013. Total project funding remains unchanged.
10/04/2012	Amended	Add \$3,805,000 of federal STP Metro funds, \$9,742,000 of federal CMAQ funds, and \$67,637,000 of local match in FY2013 and \$1,453,000 of federal STP Metro funds and \$363,000 of local match in FY2015. Increase total project funding.
09/18/2012	Amended	Reallocate \$4,000,000 of state STC Discretionary funds from Future Funds to FY2013. Update project scope by changing the project terminus from Interlocken to Table Mesa. Total project funding remains unchanged.
05/04/2012	Amended	Reallocate \$2,000,000 of state Regional Priority Project (RPP) funding from Future Funding to FY2012. Total project funding remains unchanged.
04/10/2012	Amended	Reallocate \$2,500,000 of state Regional Priority Project (RPP) funding from Future Funding to FY2012. Total project funding remains unchanged.
03/13/2012	Amended	Reallocate \$2,000,000 of state Regional Priority Project (RPP) funding from Future Funding to FY2012. Total project funding remains unchanged.
10/18/2011	Amended	Reallocate \$410,000 in federal STP-Metro funds and \$1,467,000 in federal CMAQ funds from FY2013 to FY2012 and \$9,408,000 in federal STP-Metro and \$730,000 in federal CMAQ funds from FY2014 to FY2012. Total project funding remains unchanged.
08/18/2011	Amended	Advance \$60,000,000 from future funding to FY2012 per FHWA request and show \$6,000,000 as federal TIGER funds and \$54,000,000 as federal TIFIA funds. Total funding remains unchanged.
04/20/2011	Amended	1) Advance project funds. Decrease future funding by \$90,000,000 and allocate \$30,000,000 to FY2012, \$30,000,000 to FY2013, and \$30,000,000 to FY2014 as RTD local funds. 2) Change scope from "...west of Wadsworth Blvd to E. Flatirons Cir." to "...from the current terminus west to Interlocken or further, if funding allows." 3) Shift project funds. Shift \$3,125,000 of Prior Funding to FY2012 and distribute \$2,500,000 in state FASTER Transit funds and \$625,000 in local match (RTD). 4) Correct previous mistake by removing local match for CMAQ and STP Metro funding. FASTER Transit and RTD funds will be used for matching these two federal funds. Total funding remains unchanged.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP
04/20/2011	Amended	Shift \$2,500,000 in state FASTER Transit funds and \$625,000 in local match from FY2011 to FY2012-13. Total funding remains unchanged.
03/02/2011	Amended	

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **DRCOG Second Commitment to FasTracks Pool**

Project Type: **Transit Operational Improvements**

TIP-ID: **2012-010**

STIP-ID:

Open to Public:

Sponsor: **DRCOG**

## Project Scope

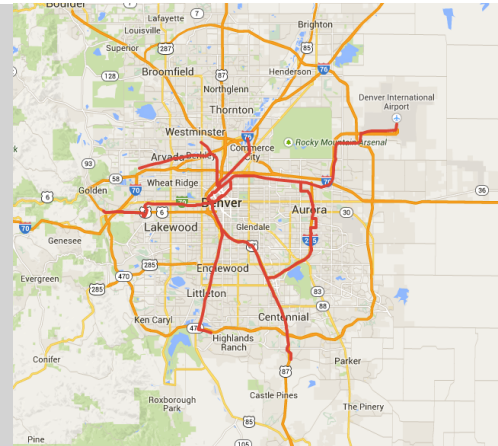
Set aside to fund second commitment in principle to FasTracks corridors not yet allocated. Individual projects will be TIP'd upon approval of Policy Amendments per the process and requirements of DRCOG Resolution 20-2008 (July, 2008).

Corridor projects previously approved using second commitment funds include:

- West Corridor (TIP ID 2007-042)- July 2010, \$7,422,000
- US-36 Corridor (TIP ID 2008-114)- Feb 2011, \$2,755,000
- Denver Union Station (TIP ID 2007-057)- July 2010, \$2,519,000
- East Corridor (TIP ID 2008-111)- Nov 2011, \$13,350,000.
- Gold Corridor (TIP ID 2008-111)- May 2012, \$6,461,000.
- Northwest Corridor (TIP ID 2007-050)- May 2012, \$1,200,000, June 2016, \$5,058,000.
- North Metro Corridor (TIP ID 2007-055)- May 2012, \$7,451,000.
- I-225 Corridor (TIP ID 2007-056)- July 2012, \$7,250,000.

Remaining allocations include:

- Northwest Corridor \$1,746,000
- Southeast Extension \$1,928,000
- Southwest Extension \$2,089,000
- Central Corridor \$771,000



Affected County(ies)

Regional

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$0	\$0	\$72	\$0	\$0		
Federal (STP-M)		\$0	\$0	\$6,462	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$0	\$1,634	\$0	\$0		
<b>Total</b>		\$0	\$0	\$8,168	\$0	\$0	\$0	\$8,168

Date	Status	Description
07/21/2016	Amended	Move \$890,000 of federal CMAQ funds from FY2016 to FY2017 and \$3,183,000 from FY2016 to FY2018. Transfer \$6,462,000 of federal STP-M funds from FY2016 to FY2018, \$56,000 from FY2016 to FY2019 and \$1,000,000 from FY2017 to FY2019. Transfer \$528,000 of federal CMAQ in FY2017 and \$528,000 in FY2018 to TIPID 2016-068. Transfer \$136,000 of federal CMAQ funds in FY2017 and \$1,253,000 in FY2018 to TIPID 2016-069. Transfer \$1,056,000 of federal CMAQ funds in FY2019 to TIPID 2016-070. Transfer \$226,000 of federal CMAQ funds in 2017 and \$1,330,000 in FY2018 to TIPID 2016-071. Update scope to reflect drawdown in Northwest Corridor allocation. Decrease total project funds.
04/16/2015	Approved	Adopted into the 2016-2021 TIP
11/07/2012	Amended	Transfer funds to new TIP Projects TIP ID 2012-100 and 2012-101. Remove all funds in FY2016-17 and reduce Future Funding to \$16,165,000 to reflect amount remaining after Board Action on July 27, 2012. Update project scope, increasing North Metro Corridor's approved funding to \$7,451,000. Decrease total project funding.
08/06/2012	Amended	Transfer \$600,000 from FY2013, \$200,000 from FY2014, \$1,200,000 from FY2015 and \$3,650,000 from FY2016-17 of federal CMAQ funds, \$1,650,000 from FY2014 and \$3,000,000 from FY2015 of federal STP-Metro funds, and \$150,000 from FY2013, \$463,000 from FY2014, \$1,050,000 from FY2015, and \$913,000 from FY2016-17 of local match to projects receiving Second Commitment in Principal funds for the Gold, Northwest, North Metro, and I-225 Corridors. Decrease total project funding.
12/05/2011	Amended	Reallocate \$600,000 of federal CMAQ funds and \$150,000 of local match from FY2015 to FY2013 and \$200,000 of federal CMAQ funds and \$50,000 of local match from FY2015 to FY2014. Total project funding remains unchanged.
11/17/2011	Amended	Transfer \$2,000,000 in FY2012, \$2,000,000 in FY2013, and \$2,000,000 in FY2014 of federal Congestion Mitigation / Air Quality (CMAQ) funds, and \$3,000,000 in FY2012, \$3,000,000 in FY2013, and \$1,350,000 in FY2014 of federal STP Metro funds to TIP ID #2008-111 and remove \$1,250,000 in FY2012, \$1,250,000 in FY2013, and \$837,500 in FY2014 of local match. Update title, scope, and funding to reflect pool as only showing remaining unallocated funds. Decrease total project funding
04/06/2011	Adopted	Adopted into the 2012-2017 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **I-25/Arapahoe Rd Interchange Reconstruction**

Project Type: **Roadway Capacity**

TIP-ID: **2012-043**

STIP-ID: **SDR6745.041**

Open to Public:

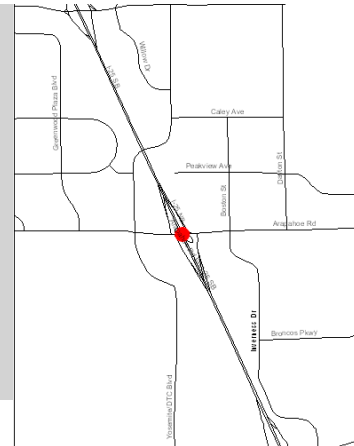
Sponsor: **Arapahoe County**

## Project Scope

Reconstruction of I-25 and Arapahoe Rd Interchange and ancillary improvements outlined in the FONSI, including operational characteristics and improved accessibility of the Arapahoe Rd LRT Station.

STP-Metro funds are being used for the design of the EA/FONSI recommended alternative.

State funding was added per the RAMP program.



Affected Municipality(ies)	Affected County(ies)
Centennial	Arapahoe

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
Federal (STP-M)		\$0	\$0	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
State (R P P)		\$0	\$0	\$0	\$0	\$0		
State (RMP)		\$20,000	\$25,200	\$0	\$0	\$0		
Local		\$5,700	\$8,000	\$0	\$0	\$0		
<b>Total</b>	<b>\$17,300</b>	<b>\$25,700</b>	<b>\$33,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$76,200</b>

Date	Status	Description
03/17/2016	Amended	Move project from the 2012-2017 TIP to the 2016-2021 TIP. Reduce Prior Funding to reflect what was actual spent in 2012-2015 time period. Add \$20,000,000 of state RAMP funds in FY2016 and \$25,200,000 in FY2017. Add \$5,700,000 of local funds in FY2016 and \$8,000,000 in FY2017. Increase total project funding.
12/19/2013	Amended	Add \$2,400,000 in state Regional Priority Program (RPP) funds and \$600,000 in local match in FY2015, \$16,000,000 in RPP and \$4,000,000 local match in FY2016, and \$32,000,000 in RPP and \$8,000,000 local match in FY2017. Increase total project funding.
08/06/2012	Amended	Reallocate \$2,100,000 of federal STP-Metro funds and \$900,000 of local match from FY2014 to FY2013. Total project funding remains unchanged.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **SH-119: South of Hover Bike/Ped Underpass**

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

TIP-ID: **2012-051**

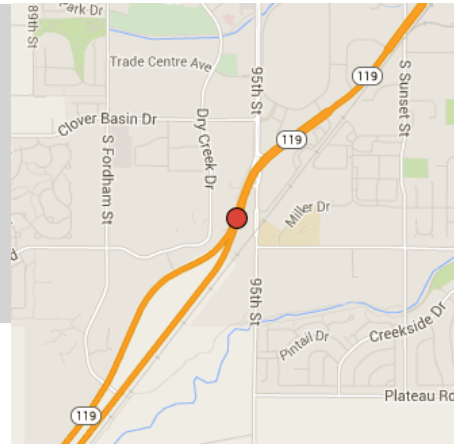
STIP-ID: **SDR7007.009**

Open to Public: **2017**

Sponsor: **Longmont**

## Project Scope

Project constructs a new multi-use underpass at least 8 ft wide and sidewalk connection under SH-119 south of the Hover St intersection. Additionally includes easements for a walkway, access to transit stops, and a midblock crossing of Hover south of SH-119, completing a gap between the multi-use trail along Hover with a similar trail on SH-119. The project will provide 20 bicycle parking spaces (10 of the spaces covered) as well as new ADA/AASHTO compliant lighting.



Affected Municipality(ies)	Affected County(ies)	Project Phases				
Longmont	Boulder	<table border="1"> <thead> <tr> <th>Year</th> <th>Phase</th> </tr> </thead> <tbody> <tr> <td>2016</td> <td>Initiate Construction</td> </tr> </tbody> </table>	Year	Phase	2016	Initiate Construction
Year	Phase					
2016	Initiate Construction					

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$955	\$0	\$0	\$0	\$0	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local		\$746	\$0	\$0	\$0	\$0	\$0	
<b>Total</b>	<b>\$295</b>	<b>\$1,701</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,996</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP
12/11/2013	Amended	Transfer \$955,000 of federal CMAQ funds and \$746,000 of local match from FY2015 to FY2016. Total project funding remains unchanged.
04/09/2013	Amended	Transfer \$120,000 in FY2012 and \$490,000 in FY2014 of state FASTER Transit funds and \$30,000 in FY2012 and \$123,000 in FY2014 of local match to TIPID #2012-058. Decrease total project funding.
03/15/2013	Amended	Add \$490,000 of state FASTER Transit funds and \$123,000 of local match in FY2014. Receives \$240,000 of state FASTER funds and \$60,000 of local match in FY2012 transferred from TIPID #2008-106. Increase total project funding
10/18/2011	Amended	Reallocate \$10,000 in federal CMAQ funds and \$100,000 in local match from FY2013 to FY2012. Total project funding remains unchanged.
04/06/2011	Adopted	Adopted into the 2012-2017 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **I-70/Kipling: NEPA and Post NEPA Improvements**

Project Type: **Roadway Operational Improvements**

TIP-ID: **2012-062**

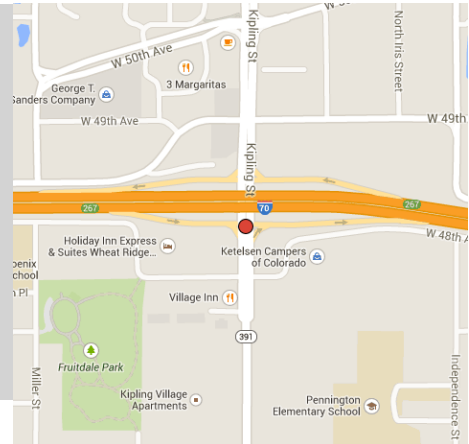
STIP-ID:

Open to Public:

Sponsor: **CDOT Region 1**

## Project Scope

Funding for activities post PEL.



Affected Municipality(ies)	Affected County(ies)
Wheat Ridge	Jefferson

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (R P P)		\$0	\$1,600	\$500	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	<b>\$1,000</b>	<b>\$0</b>	<b>\$1,600</b>	<b>\$500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,100</b>

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021
04/06/2011	Adopted	Adopted into the 2012-2017 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **I-25 North PEL Action Items**

Project Type: **Roadway Operational Improvements**

TIP-ID: **2012-063**

STIP-ID: **SDR7067.999**

Open to Public:

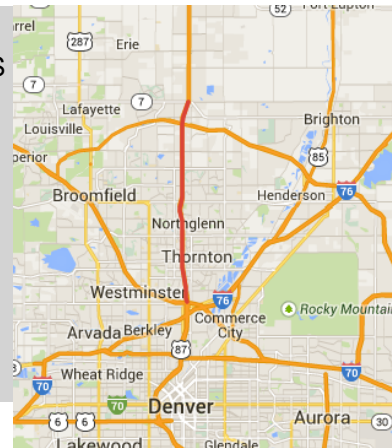
Sponsor: **CDOT Region 1**

## Project Scope

The PEL Study will look at operational and safety improvements on I-25 from US -36 to SH-7 to provide relief to the existing general purpose lanes.

Affected County(ies)

Adams



Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0	\$0	
State (R P P)		\$900	\$1,100	\$0	\$0	\$0	\$0	
Local		\$0	\$0	\$0	\$0	\$0	\$0	
<b>Total</b>	<b>\$15,500</b>	<b>\$900</b>	<b>\$1,100</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$17,500</b>

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021
06/20/2011	Amended	Project receives transfer of \$2,000,000 in FY2013, \$1,400,000 in FY2014, and \$5,500,000 in FY2015 of state FASTER Safety funds from TIP ID #2008-078, \$1,100,000 in state Congestion Relief funds in FY2014 from TIP ID #2007-093, and \$5,500,000 in state Surface Treatment funds in FY2013 from TIP ID #2001-214 (\$2,300,000 of which was previously unprogrammed). Increase total project funding.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Regional TDM Program: Way to Go**

Project Type: **Congestion Management**

TIP-ID: **2012-064**

STIP-ID: **SST6803.069**

Open to Public:

Sponsor: **DRCOG**

## Project Scope

DRCOG will partner with transportation management agencies in the region to cooperatively carry out a comprehensive and coordinated program to mitigate traffic congestion and poor air quality through reducing travel demand. As part of The Program, DRCOG will offer:

- (a) Web-accessible CarPool matching programs for individuals and employers
- (b) SchoolPool programs with web-accessible matching software
- (c) Vanpool Services with web-accessible matching software
- (d) Telework programs
- (e) Regional Bike to Work Day Coordination
- (f) Guaranteed Ride Home programs
- (g) Support, Assistance, Materials, and Collateral for DRCOG services
- (h) Regional TDM web-page, portal, and web-applications supportive of The Program
- (i) Regional TDM services telephone numbers
- (j) Customer service staff for written, telephone, or email referrals, inquiries or issues
- (k) Developing and maintaining a marketing program to efficiently and effectively meet Program goals
- (l) Conducting surveys to determine the benefits of The Program
- (m) Reporting Program outcomes
- (n) Business Outreach
- (o) Maintaining an employer outreach database for shared use
- (p) Providing training and facilitating professional development opportunities



Affected County(ies)

Regional

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$3,600	\$0	\$3,600	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$226	\$0	\$226	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$3,826</b>	<b>\$0</b>	<b>\$3,826</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,652</b>

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021
10/04/2012	Amended	Reallocate \$1,800,000 of federal CMAQ funds, and \$113,000 of local match from FY2015 to FY2014. Total project funding remains unchanged.
10/18/2011	Amended	Reallocate \$1,800,000 in federal CMAQ funds and \$113,000 in local match from FY2013 to FY2012. Total project funding remains unchanged.
06/20/2011	Amended	Project receives transfer of \$1,800,000 in FY2012, \$1,800,000 in FY2013, \$1,800,000 in FY2014, and \$1,800,000 in FY2015 of federal CMAQ funds and \$113,000 in FY2012, \$113,000 in FY2013, \$113,000 in FY2014, and \$113,000 in FY2015 of local match from TIP ID #1997-044. Increase total project funding.



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **RTD Regional Workforce Initiative Now (WIN)**

Project Type: **Rapid Transit**

TIP-ID: **2012-068**

STIP-ID: **SST7041.001**

Open to Public:

Sponsor: **R T D**

## Project Scope

The Workforce Initiative Now (WIN) program is a sector-based workforce partnership that leverages existing training providers to assess, train and place community members into careers in transportation and transit construction. WIN helps businesses attain qualified local workers, supports regional job creation by connecting Colorado contractors with federally funded transit infrastructure projects and provides local residents with skills development training, jobs, and career pathways related to occupations within transportation and transit-construction.



Affected County(ies)

Regional

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (WIN)		\$487	\$0	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$487	\$0	\$0	\$0	\$0		
<b>Total</b>	\$584	\$974	\$0	\$0	\$0	\$0	\$0	\$1,558

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP
01/23/2012	Amended	Add \$487,000 of federal Workforce Initiative Now (WIN) funds and \$97,000 of local match to Previous Funds.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **North Metro Rail 112th Ave Corridor Improvements**

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

TIP-ID: **2012-079**

STIP-ID:

Open to Public: **2018**

Sponsor: **Northglenn**

## Project Scope

Project constructs a new 10 ft multi-use trail on the north side of 112th Ave from Washington St to York St, a new 10 ft multi-use trail from 112th Ave, north along the west side of York St leading to the 112th Ave FasTracks Station, and ADA compliant access at all road crossings. Additionally, project widens 112th Ave including the installation of box-culverts to direct the existing drainage into “underground” facilities, allowing the trail system to pass unobstructed on the surface at 112th Ave/Larson Dr and 112th Ave/Irma Dr. Also includes all right of way, easements, design and environmental clearance.

Affected Municipality(ies)	Affected County(ies)	Project Phases										
Northglenn	Adams	<table border="1"> <thead> <tr> <th>Year</th> <th>Phase</th> </tr> </thead> <tbody> <tr> <td>2016</td> <td>Initiate Environmental</td> </tr> <tr> <td>2016</td> <td>Initiate Design</td> </tr> <tr> <td>2016</td> <td>Initiate ROW</td> </tr> <tr> <td>2017</td> <td>Initiate Construction</td> </tr> </tbody> </table>	Year	Phase	2016	Initiate Environmental	2016	Initiate Design	2016	Initiate ROW	2017	Initiate Construction
Year	Phase											
2016	Initiate Environmental											
2016	Initiate Design											
2016	Initiate ROW											
2017	Initiate Construction											

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$99	\$728	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$25	\$207	\$0	\$0	\$0		
<b>Total</b>	\$0	\$124	\$935	\$0	\$0	\$0	\$0	\$1,059

Date	Status	Description
11/15/2016	Proposed	Adjust scope
04/16/2015	Approved	Adopted into the 2016-2021 TIP
08/06/2012	Amended	Add \$99,000 of STP-Metro and \$25,000 of local match in FY2016-17 and \$728,000 of STP-Metro and \$207,000 of local match in Future Funds.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **North Metro Rail 72nd Ave and Colorado Blvd Station Sidewalks**

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

TIP-ID: **2012-080**

STIP-ID:

Open to Public: **2018**

Sponsor: **Commerce City**

## Project Scope

Project constructs the following facilities on Colorado Blvd from East 68th Ave to East 72nd Ave:

1. Curb, gutter, and a 5-foot wide (minimum) sidewalk along both sides of the street.
2. Drainage improvements, including inlets, manholes and RCP piping
3. Street lighting spaced at 300 foot intervals on both sides of the street.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Unincorporated	Adams	<b>Year</b>	<b>Phase</b>
		2016	Initiate Environmental
		2016	Initiate Design
		2016	Initiate ROW
		2017	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$185	\$1,357	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$46	\$339	\$0	\$0	\$0		
<b>Total</b>	\$0	\$231	\$1,696	\$0	\$0	\$0	\$0	\$1,927

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP
08/06/2012	Amended	Add \$1,542,000 of federal STP-Metro funds and \$385,000 of local match in FY2016-17.

Title: **North Metro Rail Bicycle/Pedestrian Access to Three FasTrack Stations**

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

TIP-ID: **2012-081**

STIP-ID:

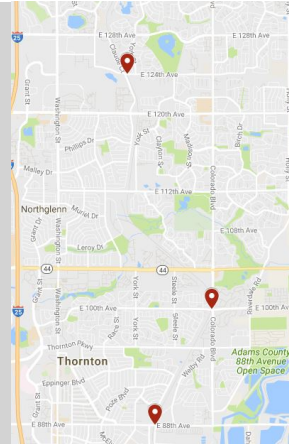
Open to Public: **2017**

Sponsor: **Thornton**

### Project Scope

The Project will provide pedestrian and bicycle sidewalks and trails at the future city of Thornton FasTracks Stations. Construction will occur in the vicinity of the 88th Ave, 104th Ave, and Eastlake stations. Additional work may take place at the 88th Ave, 112th Ave, and 124th Ave stations as funding allows. Detached and attached sidewalks and trails, varying from 8 to 10 feet wide, along with appropriate drainage, retaining walls, ROW, and supporting improvements will be constructed:

- 1) 88th Station: 88th Ave, north side, from New Welby Rd to Old Welby Rd and Monroe St approximately 150 feet west,
- 2) 88th Station: Yucca Way extension to RTD pedestrian underpass,
- 3) 88th Station: “New” Welby Rd, west side from 88th Ave to 88th Ave Station Access Driveway (see TIP ID 2012-084),
- 4) 104th Station: 100th Ave, south side from Jackson St to Settlers Chase Trail; and
- 5) 124th Station: 1st St, west side, from 124th Ave approximately 420 feet north, Birch Ave approximately 480 feet south, and 128th Ave approx. 200 feet south.



#### Affected Municipality(ies)

#### Affected County(ies)

Thornton

Adams

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$0	\$0	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	<b>\$1,924</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,924</b>

Date	Status	Description
09/22/2016	Amended	Change project scope to reflect the North Metro FasTracks Corridor not ending at the 144th Station. Total funding remains unchanged.
08/06/2012	Amended	Add \$185,000 in FY2014 and \$1,354,000 of federal CMAQ funds and \$46,000 in FY2014 and \$339,000 in FY2015 of local match.

Title: **Arapahoe Rd and Yosemite St Intersection Operational Improvements** Project Type: **Roadway Operational Improvements**

TIP-ID: **2012-087**

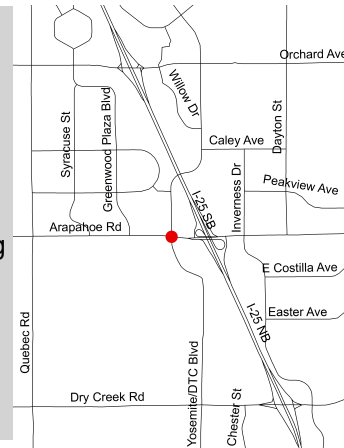
STIP-ID: **SDR6745.033**

Open to Public:

Sponsor: **Arapahoe County**

### Project Scope

Project's improvements are comprised of the following: 1. A second northbound left-turn lane on Yosemite St at Arapahoe Rd. 2. Widening of the north and south legs of Yosemite St at Arapahoe Rd for lane alignment. 3. Northbound right-turn lane on Yosemite St at the Yosemite Ct signalized intersection. 4. Raised median with curb and gutter on Yosemite St for 500 feet north and south of Arapahoe Rd. 5. Noise barrier along the west side of Yosemite St south of Arapahoe Rd. Noise barrier will be at back property line of residences, extending approximately 500 feet south of the corner businesses, and will be eight to eleven feet high.



Affected Municipality(ies)	Affected County(ies)
Centennial Greenwood Village	Arapahoe

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$0	\$0	\$0	\$0	\$0	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local		\$0	\$0	\$0	\$0	\$0	\$0	
<b>Total</b>	<b>\$5,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,000</b>

Date	Status	Description
03/17/2016	Amended	Move project from the 2012-2017 TIP to the 2016-2021 TIP.
10/04/2012	Amended	Add \$500,000 in FY2014 and \$2,500,000 in FY2015 of federal STP Metro and \$333,000 in FY2014 and \$1,667,000 in FY2014 of local match.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Smoky Hill Rd and Himalaya St Intersection Roadway Operational Improvements**

Project Type: **Roadway Operational Improvements**

TIP-ID: **2012-090**

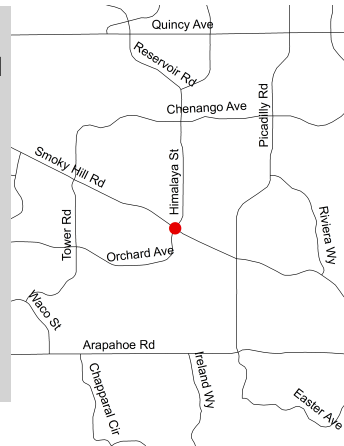
STIP-ID:

Open to Public:

Sponsor: **Centennial**

## Project Scope

Project restripes the Smoky Hill Rd/Himalaya St Intersection to add a westbound right-turn lane beginning at the Safeway gas station, add a second westbound left-turn lane, add a second northbound left-turn lane, modify existing median on Orchard Rd approach, add a raised center median on the west leg with a pedestrian refuge, and widened sidewalks to eight-feet, except from the Safeway gas station drive to the main Safeway plaza drive, east of Himalaya St along Smoky Hill Rd. Project will also include traffic signal modifications, pedestrian lighting at the three signalized intersections, multi-modal information kiosks at two bus shelters, bike racks, and video detection infrastructure.



Affected Municipality(ies)	Affected County(ies)
Centennial	Arapahoe

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$0	\$0	\$0	\$0	\$0	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local		\$0	\$0	\$0	\$0	\$0	\$0	
<b>Total</b>	<b>\$897</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$897</b>

Date	Status	Description
02/23/2016	Amended	move project into 2016-2021 TIP. Change scope to read "Project restripes the Smoky Hill Rd/Himalaya St Intersection to add a westbound right-turn lane beginning at the Safeway gas station, add a second westbound left-turn lane, add a second northbound left-turn lane, modify existing median on Orchard Rd approach, add a raised center median on the west leg with a pedestrian refuge, and widened sidewalks to eight-feet, except from the Safeway gas station drive to the main Safeway plaza drive, east of Himalaya St along Smoky Hill Rd. Project will also include traffic signal modifications, pedestrian lighting at the three signalized intersections, multi-modal information kiosks at two bus shelters, bike racks, and video detection infrastructure." Total project funding remains unchanged.
10/04/2012	Amended	Add \$475,000 of federal STP Metro funds and \$422,000 of local match in FY2015.

# 2016-2021 Transportation Improvement Program (Approved TIP)



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 Small Urban)	\$270	Via	Rebuild One Paratransit Van (FY16 Small Urban)	\$9	SRC	Operating (from FY15 Large Urban)	\$130
Via	Mobility Management (Travel Training, MM) (FY16 Small Urban)	\$300	SRC	Two Replacement BOCs (from FY15 Large Urban)	\$128	Via	Four Replacment BOC (from FY15 Small Urban)	\$181
SRC	Operational Support (FY16 Large Urban)	\$250	Broomfield	Two BOC Replacements (from FY15 Large Urban)	\$79	Via	Two BOC Rehas (from FY15 Small Urban)	\$18
Douglas County	Mobility Management (FY16 Large Urban)	\$109	Easter Seals	Replacement Paratransit Bus (from FY15 Large Urban)	\$45	Via	Paratransit Vehicle Replacements (from FY15 Small Urban)	\$199
Douglas County	Capital Operating (FY16 Large Urban)	\$176	SRC	BOC Replacement (from FY15 Large Urban)	\$33	Via	Operating (from FY15 Small Urban)	\$252
Via	Mobility Management (Travel Training) (FY16 Large Urban)	\$200	SRC	Replacement Vehicle (From FY15 Large Urban)	\$46	Via	Mobility Management (from FY15 Small Urban)	\$201
CNDC	DRMAC (FY16 Large Urban)	\$200	SRC	Replacement Vehicles (from FY15 Large Urban)	\$128	CNDC	Regional Mobility Management (from FY16 Large Urban)	\$82
SRC	Brokerage/Mobility Management (FY16 Large Urban)	\$230	SRC	Replace 5 Sedans (from FY15 Large Urban)	\$112	Douglas County	5310 Mobility Management (from FY16 Large Urban)	\$71
SRC	3 A-Lift buses (FY16 Large Urban)	\$238	SRC	1 Sedan (from FY15 Large Urban)	\$36	Douglas County	5310 capital operating (from FY16 Large Urban)	\$202
SRC	A-Lift sedan (FY16 Large Urban)	\$43	Development Pathways	Purchase Expansion BOC (from FY15 Large Urban)	\$52	SRC	Operations support for SRC transportation (from FY16 Large Urban)	\$250
SRC	Bus replacements for urban area (FY16 Large Urban)	\$152	Broomfield	Support Software Dispatch (from FY15 Large Urban)	\$24	SRC	Mobility Mgmt. to enhance trip services (from FY16 Large Urban)	\$230
SRC	Sedans for urban area (FY16 Large Urban)	\$55	SRC	Purchase Tablets (from FY15 Large Urban)	\$37	Via	Mobility Management (from FY16 Large Urban)	\$200
SRC	Bus purchases for urban area (FY16 Large Urban)	\$152	CNDC	Brokerage (from FY15 Large Urban)	\$33	Easter Seals	Vehicle purchase (from FY16 Large Urban)	\$50
Via	Replace 3 Body-on-Chassis Paratransit Buses (FY16 Small Urban)	\$136	CNDC	Mobility Management (from FY15 Large Urban)	\$128	SRC	3 BOC replacements, 1 sedan (from FY16 Large Urban)	\$165
Via	Rebuild 3 Body-on-Chassis Paratransit Buses (FY16 Small Urban)	\$27	Douglas County	Mobility Management (from FY15 Large Urban)	\$53	Via	3 BOC replacements (from FY16 Small Urban)	\$136
SRC	A-Lift Fleet Replacements (FY16 Large Urban)	\$128	SRC	Mobility Management (from FY15 Large Urban)	\$47	Via	Call Center/Brokerage (from FY16 Small Urban)	\$270
SRC	SCR Fleet Vehicle Replacements (FY16 Large Urban)	\$120	SRC	Brokerage (from FY15 Large Urban)	\$100	Via	Mobility Management & Travel Training (from FY16 Small Urban)	\$150
Easter Seals Colorado	BOC Replacement (Large Urban)	\$50	Via	Travel Training (from FY15 Large Urban)	\$167			

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	\$4,035	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
State (Faster-T)		\$104	\$0	\$0	\$0	\$0		
Local		\$673	\$1,483	\$0	\$0	\$0		
<b>Total</b>	<b>\$6,329</b>	<b>\$3,469</b>	<b>\$5,518</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,316</b>

Date	Status	Description
11/15/2016	Proposed	Add \$1,758,000 of federal 5310 funds and \$440,000 in local match in FY 2017. Add 1 new FY 2017 awarded project, along with adding FY 2017 funding to 8 existing projects. Adjust pool project names to reflect adding FY 2017 funding. Total project funding increases.
09/22/2016	Amended	Add \$1,807,174 of federal 5310 funds and \$639,294 in local match in FY 2017. Added 11 new FY 2016 awarded projects and corresponding amounts to the pool. Adjust scope and pool project names to reflect the difference between a small urban and large urban award.
08/18/2016	Amended	Add \$2,227,849 of federal 5310 funds in FY 2017. Add the following projects and corresponding amounts to the pool; SRC - Two Replacement BOCs (from FY15) for \$128,000; Broomfield - Two BOC Replacements (from FY15) for \$79,000; Easter Seals - Replacement Paratransit Bus (from FY15) for \$44,500; SRC - BOC Replacement (from FY15) for \$32,784; SRC - Replacement Vehicle (from FY15) for \$46,400; SRC - Replacement Vehicles (from FY15) for \$128,000; SRC - Replace 5 Sedans (from FY15) for \$112,000; SRC - 1 Sedan (from FY15) for \$35,600; Development Pathways - Purchase Expansion BOC (from FY15) for \$52,000; Broomfield - Support Software Dispatch (from FY15) for \$24,000; SRC - Purchase Tablets (from FY15) for \$128,800; CNDC - Brokerage (from FY15) for \$32,660; CNDC - Mobility Management (from FY15) for \$128,040; Douglas County - Mobility Management (from FY15) for \$52,635; SRC - Mobility Management (from FY15) for \$46,800; SRC - Brokerage (from FY15) for \$100,000; Via - Travel Training (from FY15) for \$166,900; SRC - Operating (from FY15) for \$130,130; Via - Four BOC Replacements for \$180,800; Via - Two BOC Rehabs for \$18,400; Via - Paratransit Vehicle Replacements for \$199,200; Via - Operating (from FY15) for \$252,000; Via - Mobility Management (from FY15) for \$201,200. Increase total project funding.
03/17/2016	Amended	Add \$470,520 of federal 5310 funds in FY2016. Add the following projects and corresponding amounts to the pool; Via - Replace 3 Body-on-Chassis Paratransit Buses (FY16) for \$135,600; Via - Rebuild 3 Body-on-Chassis Paratransit Buses (FY16) for \$27,360; SRC - A-Lift Fleet Replacements (FY16) for \$128,000; SRC - SRC Fleet Vehicle Replacements (FY16) for \$120,000; Easter Seals Colorado - BOC Replacement (FY16) for \$50,440; and Via - Rebuild One Paratransit Van (FY16) for \$9,120. Increase total project funds.
01/21/2016	Amended	Add state FASTER funding type. Add \$536,000 of Federal 5310 funds and \$104,000 of State FASTER funds in FY2016. Add the following projects and corresponding amounts to pool: SRC - 3 A-Lift busses (FY16) for \$238,000; SRC - A-Lift sedan (FY16) for \$43,000; SRC - Bus replacements for urban area (FY16) for \$152,000; SRC - Sedans for urban area (FY16) for \$55,000; and SRC - Bus purchases for urban area (FY16) for \$152,000. Increase total project funding.
11/24/2015	Amended	Add funding to pool and projects to pool. Add \$430,000 of federal 5310 funds in FY2016. Add the following projects and corresponding amounts: Colorado Nonprofit Development Center - DRMAC (FY16) for \$200,000 in FY2016; and SRC - Brokerage/Mobility Management (FY16) for \$230,000 in FY2016. Increase total project funds.
09/21/2015	Amended	Add \$1,305,225 of federal Enhance Mobility and Disabled (FTA 5310) funds. Add the following projects and corresponding amounts to pool: Via - Call Center Operating (FY16) for \$270,225; Via - Mobility Management (Travel Training, MM) (FY16) for \$300,000; SRC - Operational Support (FY16) for \$250,000; Douglas County - Mobility Management (FY16) \$109,000; Douglas County - Capital Operating (FY16) for \$176,000; and Via - Mobility Management (Travel Training) (FY16) for \$200,000. Increase total project funding.
09/21/2015	Amended	Add \$320,544 of federal 5310 funding in FY2015. Add Littleton - Vehicle Replacements (FY15) to pool for \$88,000. Increase Via Mobility - Expand Travel Training (FY14-15) in pool to \$538,544. Increase total project funding.
06/18/2015	Amended	Change project sponsor from RTD to CDOT
09/20/2013	Amended	Transfer \$599,000 of federal Section 5310 funds and \$150,000 of local match from FY2013 to FY2014 and transfer \$599,000 of federal Section 5310 funds and \$149,000 of local match from FY2013 to FY2015. Add \$121,000 in FY2014 and \$89,000 in FY2015 of local match. Add 19 new pool projects. Increase total project funding.
07/24/2013	Amended	Add \$1,525,000 in FY2013, \$1,525,000 in FY2014, and \$1,525,000 in FY2015 of federal Section 5310 funds and add \$381,000 in FY2013, \$3681,000 in FY2014, and \$381,000 in FY2015 of local match.



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **RTD Capital Improvements: Bus and Facilities Funding**

Project Type: **Transit Vehicles**

TIP-ID: **2012-108**

STIP-ID:

Open to Public:

Sponsor: **R T D**

## Project Scope

Funds will be directed to capital improvements including the following:

- 1 - Civic Center Station infrastructure improvements including improvements to the building, access areas, boarding areas, shelters, and overall accessibility through reconfiguration of adjacent park area;
- 2 - Funds will also be used to purchase fuel efficient buses and vans equipped with ADA-compliant lifts.



Affected County(ies)

Regional

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (5339)		\$5,209	\$5,261	\$5,314	\$5,367	\$10,743		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$1,042	\$1,053	\$1,063	\$1,074	\$2,147		
<b>Total</b>		\$0	\$6,251	\$6,314	\$6,377	\$6,441	\$12,890	\$0 \$38,273

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP
12/19/2013	Amended	Add federal Section 5339 funding of \$5,106,000 in both FY2013 and FY2014, \$5,158,000 in FY2015, and \$10,470,000 in FY2016-2017. Add corresponding local match of \$1,277,000 in both FY2013 and FY2014, \$1,289,000 in FY2015, and \$2,617,000 in FY2016-2017.

# 2016-2021 Transportation Improvement Program (Approved TIP)

Title: **Region 4 RAMP Project Pool**

Project Type: **Other**

TIP-ID: **2012-109**

STIP-ID:

Open to Public:

Sponsor: **CDOT Region 4**

## Project Scope

Pool contains projects selected under the RAMP program in CDOT Region 4 (DRCOG-TIP area only).

Projects selected under RAMP that are Regionally Significant will be depicted individually.



Affected Municipality(ies)	Affected County(ies)
Boulder	Boulder
Longmont	Weld

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (RMP)		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	\$13,986	\$0	\$0	\$0	\$0	\$0	\$0	\$13,986

Date	Status	Description
07/21/2016	Amended	Update Previous Funding Column to \$13,986,000. Remove \$3,723,000 of state RAMP funds in FY2016 and \$875,000 in FY2017. Remove the following projects and corresponding amounts: SH-119: Boulder Canyon Trail Extension (MP 39.1-37.8) for \$3,498,000; US-287 (Main St Longmont) Adaptive Signals MP 313.8-318.7 for \$1,100,000. Reduce total project funds.
04/16/2015	Approved	Proposed for adoption into 2016-2021
03/19/2015	Amended	Change funding source from State RPP funds to State RAMP funds.
12/19/2013	Amended	Add 4 new projects selected from the RAMP program in FY2014-2017 totaling \$14,646,000, including local match. Specific projects are listed in the pool.

# 2016-2021 Transportation Improvement Program (Approved TIP)

Title: **Region 1 RAMP Project Pool**

Project Type: **Other**

TIP-ID: **2012-112**

STIP-ID:

Open to Public:

Sponsor: **CDOT Region 1**

## Project Scope

Pool contains projects selected under the RAMP program in CDOT Region 1. Projects selected under RAMP that are Regionally Significant will be depicted individually.



### 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)
New ramp meters and upgrades		\$999						

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (RMP)		\$999	\$0	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	\$2,745	\$999	\$0	\$0	\$0	\$0	\$0	\$3,744

Date	Status	Description
04/16/2015	Approved	Proposed for adoption into 2016-2021 TIP
12/19/2013	Amended	Add 9 new projects selected from the RAMP program in FY2014-2017 totaling \$5,680,000, including local match. Specific projects are listed in the pool.

# 2016-2021 Transportation Improvement Program (Approved TIP)

Title: **Region 1 Rockfall Mitigation**

Project Type: **Safety**

TIP-ID: **2012-115**

STIP-ID: **SDN6678**

Open to Public:

Sponsor: **CDOT Region 1**

## Project Scope

Rockfall mitigation in multiple locations within CDOT Region 1.



Affected County(ies)

Jefferson

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>	\$1,500	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP
03/10/2014	Amended	Allocate \$1,500,000 in state Safety funds in FY2015.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Region 4 2013 Flood-Related Projects Pool**

Project Type: **Roadway Reconstruction**

TIP-ID: **2012-116**

STIP-ID:

Open to Public:

Sponsor: **CDOT Region 4**

## Project Scope

Pool contains flood-related repair projects from the fall of 2013 flood event.

Affected County(ies)

Boulder

Weld



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)
ERLA Valmont Rd Bridge	@ S. Boulder Creek		ERLA Sunset Bridge	@ St. Vrain Creek T19		ER SH 7 St. Malo	MP 11	
ERLA 95th St	@ Left Hand Creek		ERLA Boston Bridge	@ St Vrain Creek T17		ER US36	MP21	
ERLA Airport Rd	@ Left Hand Creek		ERLA 57th St	@ Fourmile Canyon Creek T22	\$0	PR US36	D-15-X D-15-I	
ERLA Pike Rd	@ Lefthand Creek Longmont		ERLA 75th Ave St Repairs T24			PR SH7 Flood Repair	MP 19-33	
ERLA Airport Rd	@ BNSF RR		ERLA Kenosha Rd T25	in Erie		PR SH 119A	Boulder Canyon	
ERLA 9th Ave (Ss)	E Hayden Ct		ERLA Valmont Rd Bridge	@ S. Boulder Creek		PR SH 119B	MP 52.9 to 60.0	
ERLA 95th St	Over Coal Creek Bridge Repl	\$0	ERLA 95th St	@ Left Hand Creek		PR SH 170	MP 1.08 to 3.64	
ERLA Dillon Rd Underpass Repairs			ERLA Airport Rd	@ Left Hand Creek		PR SH 72B Resurfacing		
ERLA Left Hand Canyon Dr.	MP 16.2 - 16.8		ERLA Pike Rd	@ Lefthand Creek Longmont		PR SH 52 Flood Repair	MP 6.9 to 7.2	
ER SH 7 Lyons to Raymond	MDB		ERLA Airport Rd	@ BNSF RR		ERLA Bella Rosa Pkwy/WCR 20 Repairs		
ER SH119	MP 26-41		ERLA 9th Ave (Ss)	E Hayden Ct		ERLA WCR 7 Repairs		
ER US36	Just South of SH66		ERLA 95th St	Over Coal Creek Bridge Repl	\$0	ERLA Godding Hollow Parkway/WCR 18		
ER US36	MP 28 D-15-X		ERLA Dillon Rd Underpass Repairs			ERLA WCR 13 CR 26A Bridge	Over St Vrain	
ER CROOK FLOOD			ERLA Left Hand Canyon Dr.	MP 16.2 - 16.8		ER SH119 DelCamino	D-16-CG	
ER SH 7 St. Malo	MP 11		ER SH 7 Lyons to Raymond	MDB		ER SH66	@ CR17	
ER US36	MP21		ER SH119	MP 26-41		PR SH 119	MP 61.5-63.9	
PR US36	D-15-X D-15-I		ER US36	Just South of SH66		PR SH66B Permanent Flood Repairs		
PR SH7 Flood Repair	MP 19-33		ER US36	MP 28 D-15-X				
PR SH 119A	Boulder Canyon		ER CROOK FLOOD					

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (EMR)		\$37,603	\$11,161	\$2,444	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>		<b>\$78,304</b>	<b>\$37,603</b>	<b>\$11,161</b>	<b>\$2,444</b>	<b>\$0</b>	<b>\$0</b>	<b>\$129,512</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

Date	Status	Description
09/18/2014	Amended	Create a new pool for permanent repair projects related to the 2013 floods. Transfer \$20,098,000 in federal Emergency funds from TIP ID 2012-114 in FY2014. Allocate \$11,020,000 of federal Emergency funds in FY2014; \$47,186,000 in FY2015; \$48,764,000 in FY2016-17; and \$2,444,000 in future years. Add 55 projects to the pool.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Region 4 Non-Regionally Significant RPP Pool**

Project Type: **Roadway Operational Improvements**

TIP-ID: **2012-121**

STIP-ID:

Open to Public:

Sponsor: **CDOT Region 4**

## Project Scope

Pool contains projects selected under the Non-Regionally Significant Regional Priority Program in CDOT Region 4 (DRCOG-TIP area only).



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-66: WCR 7 Intersection Imp		\$1,000	SH-66: Lyons to I-25 Access and PEL		\$2,000	SH-93 Shoulders		\$300

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (R P P)		\$0	\$2,000	\$1,000	\$300	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	<b>\$5,100</b>	<b>\$0</b>	<b>\$2,000</b>	<b>\$1,000</b>	<b>\$300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,400</b>

Date	Status	Description
09/22/2016	Amended	Remove pool project "SH-66: PEL Implementation" and shift its \$1,000,000 in funding, in addition to adding a new \$500,000 in funding, to "SH66: Lyons to I-25 Access and PEL". Add a new project "SH-93 Shoulders" for \$300,000. Total project funding increases.
02/23/2016	Amended	Move project from the 2012-2017 TIP to the 2016-2021 TIP. Add \$1,500,000 of state RPP funds in FY2017 and \$1,000,000 in FY2018. Add the following projects and corresponding amounts to the pool; SH-66: PEL Implementation (FY18) for \$1,000,000; SH: WCR 7 Intersection Imp (FY17) for \$1,000,000; and SH66: Lyons to I-25 Access and PEL (FY17) for \$500,000. The last two projects were depicted in the previous TIP. Increase total project funding.
03/19/2015	Amended	Create new Region 4 Non-Regionally Significant RPP Pool. Add the following projects and corresponding amounts to the pool: SH-7 adaptive signals SH-287 to 28th St for 1,300,000; SH-52 Access Control for \$800,000; SH-66: WCR 7 Intersection Imp for \$500,000; SH-66: Lyons to I-25 Access and PEL for \$1,500,000; and SH-119: Adaptive Signal Jay-Airport for \$1,000,000. Add \$1,450,000 of State RPP and \$300,000 of local match in FY2015 and \$2,780,000 of State RPP and \$570,000 of local match in FY2016-17.

# 2016-2021 Transportation Improvement Program (Approved TIP)



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**

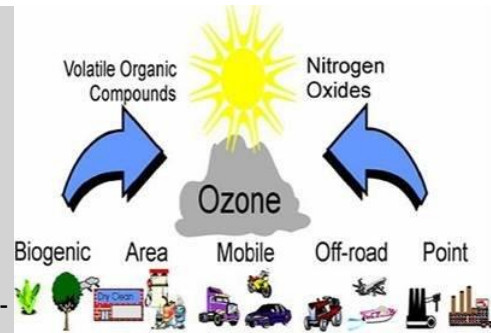
## Project Scope

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

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)
Wheat Ridge	Street Sweeper (local agency call)	\$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			

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

Date	Status	Description
08/18/2016	Amended	Add the following projects and corresponding amounts to the pool: Wheat Ridge - Street Sweeper for \$75,000; Bicycle Colorado/Lakewood - Mobility Education and Encouragement in Lakewood for \$78,800; Boulder County - Real-Time Information Marketing Program for \$56,000; Boulder County - East Boulder County Free-Fare Promotion for \$80,000; and Boulder County - Bus Stop Improvements for \$90,200. Total project funding remains unchanged.
04/16/2015	Approved	Adopted into the 2016-2021 TIP



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **I-70 East Reconstruction**

Project Type: **Roadway Reconstruction**

TIP-ID: **2016-003**

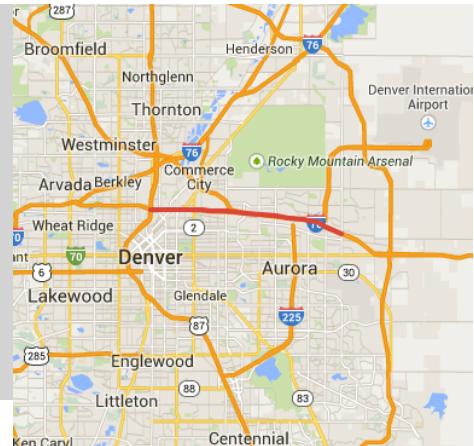
STIP-ID:

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		
<b>Total</b>	<b>\$75,000</b>	<b>\$175,000</b>	<b>\$206,000</b>	<b>\$203,000</b>	<b>\$216,000</b>	<b>\$25,000</b>	<b>\$272,000</b>	<b>\$1,172,000</b>

Date	Status	Description
07/20/2015	Amended	Update project scope to read "Replace the I-70 Viaduct, including the addition of one managed lane in each direction to the east termini to be determined in NEPA." Add \$75,000,000 in Prior Funding; add \$166,920,000 of state FASTER Bridge Enterprise funds in FY2016; remove \$552,000,000 of state FASTER Bridge Enterprise funds in FY2017; add \$200,000,000 of state FASTER Bridge Enterprise funds in FY2018; add \$200,000,000 of state FASTER Bridge Enterprise Funds in FY2019; add \$25,000,000 of federal CMAQ funds in FY2020-2021; add \$272,000,000 in Future Funding; and remove all local funding. Increase total project funding.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Regional Transportation Operations Pool**

Project Type: **Congestion Management**

TIP-ID: **2016-004**

STIP-ID:

Open to Public:

Sponsor: **DRCOG**

## Project Scope

A pool to fund capital improvements to traffic signal systems, traffic signal timing and coordination work, traffic signal system engineering and design, and intelligent transportation systems projects.

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)
Arvada	Extend communications on 64th Ave	\$15	Commerce City	Upgrade cabinets and controllers on SH 2	\$99	CDOT Region 1	Ramp metering upgrades on I-25	\$308
Brighton	Upgrade traffic signal controllers citywide	\$41	Superior/Louisville	Upgraded signal control system on McCaslin Blvd	\$142	Centennial	Travel time and conditions monitoring citywide	\$106
CDOT	Travel time monitoring system equipment on Arapahoe Rd	\$104	CDOT Region 1	Upgrade communications on Federal Blvd	\$302	Denver	Travel time monitoring expansion on 56th Ave, Federal Blvd, and Hampden Ave	\$273
CDOT	Travel time monitoring system equipment on Wadsworth Blvd	\$346	Denver	Upgrade controllers, communications and install UPS - CBD	\$2,089	Denver	Center-to-Center feasibility report	\$160
Centennial	Extend communications on Arapahoe Rd	\$2	Thornton	Upgrade communications, controllers on Colorado Blvd	\$529	Lakewood	Travel time monitoring on Colfax, Alameda, Kilping, Simms/Union	\$199
Commerce City	Upgrade cabinets and controllers on Quebec St	\$33	Thornton	Upgrade communications, controllers on 136th, 104th, and 88th Ave	\$412			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$4,839	\$4,200	\$4,200	\$4,200	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$1,210	\$1,050	\$1,050	\$1,050	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$6,049</b>	<b>\$5,250</b>	<b>\$5,250</b>	<b>\$5,250</b>	<b>\$0</b>	<b>\$21,799</b>

Date	Status	Description
09/22/2016	Amended	Add local agency projects selected through separate call for projects to the pool using a combination of FY 2016 and FY 2017 funding. Total funding remains unchanged.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Metro Center Station Area Bike/Ped Connector Facility**

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

TIP-ID: **2016-005**

STIP-ID:

Open to Public: **2017**

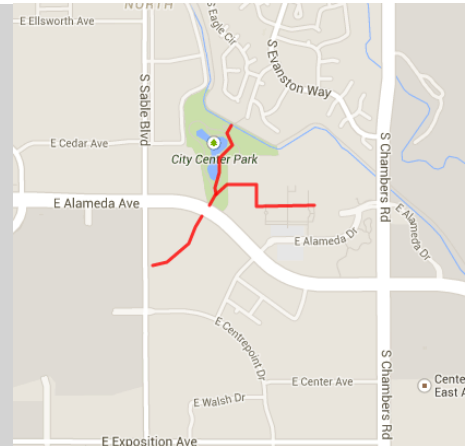
Sponsor: **Aurora**

## Project Scope

This project constructs a new 10 ft wide multi-use bi-directional path near the Aurora Municipal Center Complex for the following segments:

- 1) from the south end of the pond to Alameda Pkwy.
- 2) from Alameda Pkwy southwestwardly to the Metro Center Bus/Light Rail Station located at Sable Blvd and Centrepoint Dr.
- 3) from the pond and the Aurora Municipal Center Complex; and
- 4) replaces an existing 6-ft. wide concrete sidewalk that extends along the east side of a pond from the base of the High Line Canal embankment near the north end of the pond to a point near the south end of the pond.
- 5) utilizes existing underpass at Alameda Pkwy.

The project will also modify existing pavement striping and traffic signals as needed, install pedestrian-scale ADA/AASHTO compliant lighting, way-finding signage with destination and distance information, and 20 or more bicycle parking spaces within 1/2 mile of the project.



Affected Municipality(ies)	Affected County(ies)	Project Phases				
Aurora	Arapahoe	<table border="1"> <thead> <tr> <th>Year</th> <th>Phase</th> </tr> </thead> <tbody> <tr> <td>2016</td> <td>Initiate Construction</td> </tr> </tbody> </table>	Year	Phase	2016	Initiate Construction
Year	Phase					
2016	Initiate Construction					

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$1,832	\$0	\$0	\$0	\$0	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local		\$459	\$0	\$0	\$0	\$0	\$0	
<b>Total</b>		<b>\$0</b>	<b>\$2,291</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,291</b>

Date	Status	Description
12/18/2015	Amended	<p>Adjust scope to read "This project constructs a new 10 ft wide multi-use bi-directional path near the Aurora Municipal Center Complex for the following segments:</p> <ol style="list-style-type: none"> <li>1) from the south end of the pond to Alameda Pkwy.</li> <li>2) from Alameda Pkwy southwestwardly to the Metro Center Bus/Light Rail Station located at Sable Blvd and Centrepoint Dr.</li> <li>3) from the pond and the Aurora Municipal Center Complex; and</li> <li>4) replaces an existing 6-ft. wide concrete sidewalk that extends along the east side of a pond from the base of the High Line Canal embankment near the north end of the pond to a point near the south end of the pond.</li> <li>5) utilizes existing underpass at Alameda Pkwy.</li> </ol> <p>The project will also modify existing pavement striping and traffic signals as needed, install pedestrian-scale ADA/AASHTO compliant lighting, way-finding signage with destination and distance information, and 20 or more bicycle parking spaces within 1/2 mile of the project."</p>
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Multi-use path on the D10: Wadsworth Blvd to Zephyr St and Kipling St to Oak St**

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

TIP-ID: **2016-006**

STIP-ID:

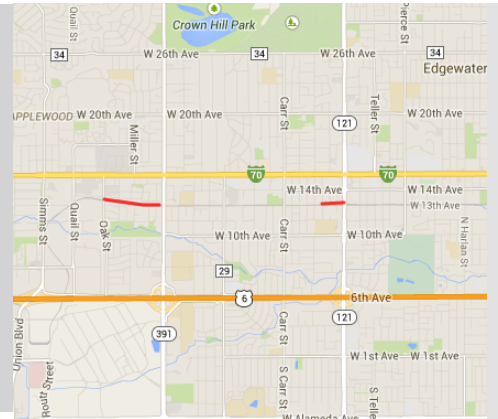
Open to Public: **2019**

Sponsor: **Lakewood**

## Project Scope

The project will construct two segments of the D10 bike path.

- a 10 ft multi-use path from Kipling St to Oak St, with MSE retaining walls. Relocation of the existing sound wall and fences at the rear and side property lines will be required.
- a 10 ft multi-use path from Zephyr St to Wadsworth Blvd. This segment will be at grade with a 6" curb to separate the path and the apartment parking lot. There will be down cast light wall packs attached to the retaining wall.
- land acquisitions will be required in both segments, and include signage/wayfinding with destinations and distances.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Lakewood	Jefferson	<b>Year</b>	<b>Phase</b>
		2016	Initiate Environmental
		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)		\$320	\$536	\$1,064	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$80	\$134	\$266	\$0	\$0		
<b>Total</b>	\$0	\$400	\$670	\$1,330	\$0	\$0	\$0	\$2,400

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **University of Colorado Boulder East Campus Pedestrian Bridge & Trail Connection**

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

TIP-ID: **2016-007**

STIP-ID:

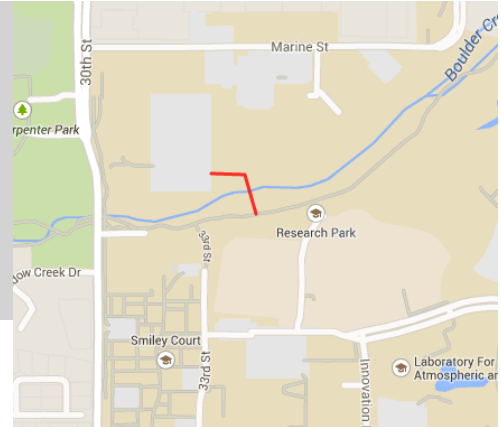
Open to Public: **2018**

Sponsor: **University of Colorado-Boulder**

## Project Scope

Project constructs a 10 ft wide multi-use path and pedestrian/bike bridge from parking lot 560 on East Campus across Boulder Creek to connect to the existing Boulder Creek multi-use path.

ADA/AASHTO compliant lighting, signage/wayfinding with destinations and distances, and 70 bicycle parking spaces within 1/2 mile of the project will also be constructed as part of the project.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Boulder	Boulder	<b>Year</b>	<b>Phase</b>
		2016	Initiate Environmental
		2016	Initiate Design
		2017	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (TAP)		\$132	\$254	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$33	\$64	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$165</b>	<b>\$318</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$483</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Boulder Slough Multiuse Path: 30th St to 3100 Pearl**

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

TIP-ID: **2016-008**

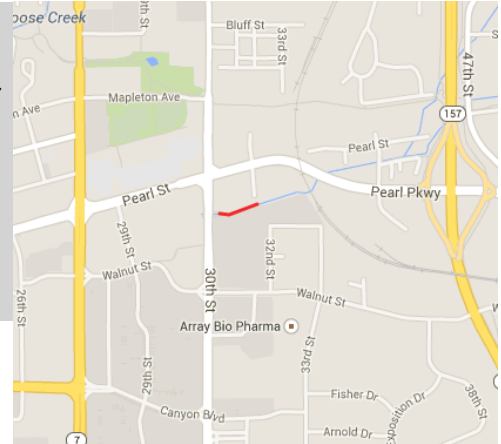
STIP-ID:

Open to Public: **2019**

Sponsor: **Boulder**

## Project Scope

Project constructs a 10 ft wide multi-use path along the Boulder Slough from 30th St to 3100 Pearl, including a bicycle/pedestrian bridge crossing the Boulder Slough. Signage and wayfinding with destinations and distances, along with 20 bicycle parking spaces within 1/2 mile of the project will also be constructed as part of the project.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Boulder	Boulder	<b>Year</b>	<b>Phase</b>
		2016	Initiate Environmental
		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 (STP-M)		\$96	\$96	\$288	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$24	\$24	\$72	\$0	\$0		
<b>Total</b>	\$0	\$120	\$120	\$360	\$0	\$0	\$0	\$600

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **MetroRide Service Expansion: DUS to Civic Center**

Project Type: **Bus Service Projects (Expanded)**

TIP-ID: **2016-009**

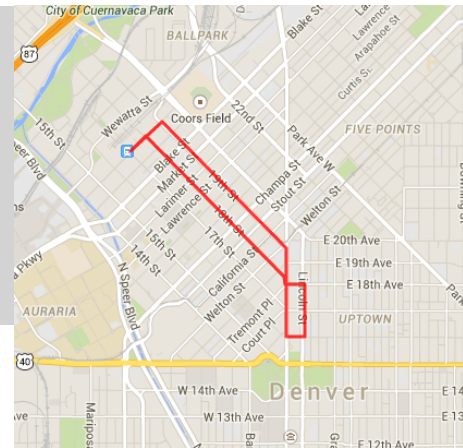
STIP-ID:

Open to Public: **2016**

Sponsor: **R T D**

## Project Scope

This project will expand the existing service hours and frequencies for the Free MetroRide. Hours will be extended by approximately four hours (2 hours in the morning and 2 hours in the afternoon) and the frequency will be increased to approximately 4.5 to 6-minute intervals.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Denver	Denver	<b>Year</b>	<b>Phase</b>
		2016	Initiate Bus Service - Year 1
		2017	Initiate Bus Service - Year 2
		2018	Initiate Bus Service - Year 3

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$400	\$400	\$400	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$100	\$100	\$100	\$0	\$0		
<b>Total</b>	\$0	\$500	\$500	\$500	\$0	\$0	\$0	\$1,500

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **RTD Route L Service Enhancement**

Project Type: **Bus Service Projects (Expanded)**

TIP-ID: **2016-010**

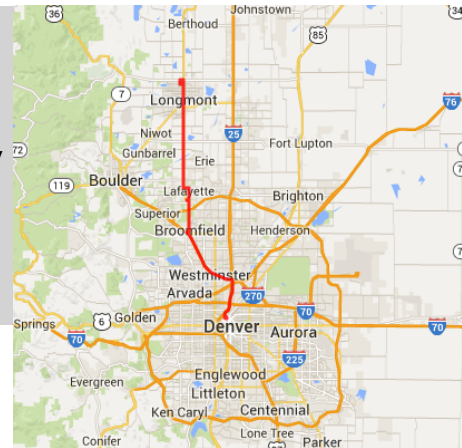
STIP-ID:

Open to Public: **2016**

Sponsor: **Boulder County**

## Project Scope

This project will expand the existing service on RTD's L Route between Longmont and Denver. Service frequency on the route will be enhanced from two-hour to one-hour headways during the mid-day on weekdays. One additional late-night trip will be added on weekdays. Saturday service frequency will be enhanced from three-hour to ninety-minute headways.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Broomfield	Adams	<b>Year</b>	<b>Phase</b>
Denver	Boulder	2016	Initiate Bus Service - Year 1
Erie	Broomfield	2017	Initiate Bus Service - Year 2
Lafayette	Denver	2018	Initiate Bus Service - Year 3
Longmont	Jefferson		
Westminster			
Unincorporated			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$536	\$548	\$580	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$134	\$137	\$145	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$670</b>	<b>\$685</b>	<b>\$725</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,080</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **FLEX Route Extension: Boulder to Longmont**

Project Type: **Bus Service Projects (Expanded)**

TIP-ID: **2016-011**

STIP-ID:

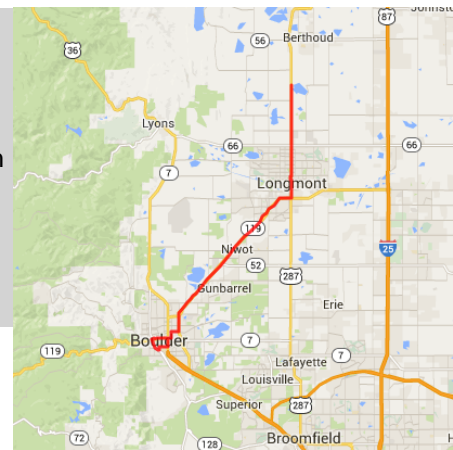
Open to Public: **2016**

Sponsor: **Boulder County**

## Project Scope

This project will extend the existing FLEX route by providing service from Longmont to Boulder. This extension will create up to five, round-trip, weekday trips. These trips will run as a complement to the existing FLEX trips between Ft. Collins and Longmont, which will remain with their existing run times and with the same destinations.

Destinations for the route within Boulder include: Boulder Junction (30th & Pearl), Boulder Transit Center/ downtown Boulder (14th & Walnut), and the University of Colorado at Boulder campus.



Affected Municipality(ies)	Affected County(ies)	Project Phases
Boulder	Boulder	<b>Year</b> <b>Phase</b>
Longmont		2016    Initiate Bus Service - Year 1
Unincorporated		2017    Initiate Bus Service - Year 2
		2018    Initiate Bus Service - Year 3

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$380	\$384	\$392	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$95	\$96	\$98	\$0	\$0		
<b>Total</b>	\$0	\$475	\$480	\$490	\$0	\$0	\$0	\$1,445

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Anschutz Medical Campus Shuttle**

Project Type: **Bus Service Projects (New)**

TIP-ID: **2016-012**

STIP-ID:

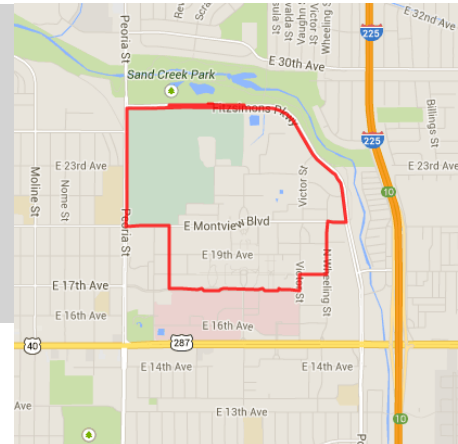
Open to Public: **2016**

Sponsor: **University of Colorado-Denver**

## Project Scope

This project will create new bus service from the Fitzsimons Pkwy Light Rail Station into the Anschutz Medical Campus. Stops will be at key locations on campus near University Hospital, Children's Hospital of Colorado, and the University of Colorado Anschutz Medical Campus. Operating hours for the bus service will include:

- BUS 1: early AM to late PM, 7 days per week
- BUS 2: early AM to late PM, Monday through Friday
- BUS 3: AM peak and PM peak, Monday through Friday



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Aurora	Adams	<b>Year</b>	<b>Phase</b>
		2016	Initiate Bus Service - Year 1
		2017	Initiate Bus Service - Year 2
		2018	Initiate Bus Service - Year 3

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 (Local)		\$372	\$136	\$140	\$0	\$0		
Local (RTD)		\$867	\$316	\$326	\$0	\$0		
<b>Total</b>	<b>\$0</b>	<b>\$1,239</b>	<b>\$452</b>	<b>\$466</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,157</b>

Date	Status	Description
09/21/2015	Amended	Defederalize project by removing CMAQ funds, sending to new projects TIP ID 2016-063 and 2016-064. CMAQ funds will be replaced with local RTD funds. Add \$867,000 of RTD local funds in FY2016, \$316,000 in FY2017 and \$326,000. Total project funding remains unchanged.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Superior Call-n-Ride**

Project Type: **Bus Service Projects (New)**

TIP-ID: **2016-013**

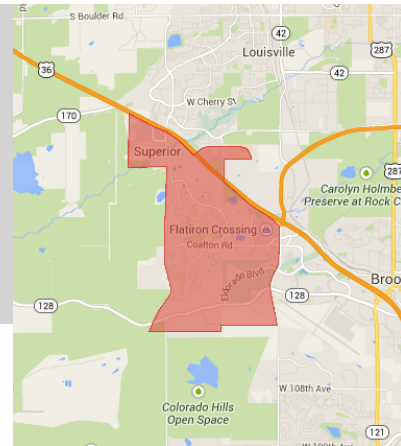
STIP-ID:

Open to Public: **2016**

Sponsor: **Superior**

## Project Scope

This project adds a new Call-n-Ride servicing an area generally from McCaslin Blvd to 96th St, and US 36 to south of Interlocken Loop. Service hours will be approximately 5:30am to 7pm Monday through Friday.



Affected Municipality(ies)	Affected County(ies)	Project Phases								
Superior	Boulder	<table border="1"> <thead> <tr> <th>Year</th> <th>Phase</th> </tr> </thead> <tbody> <tr> <td>2016</td> <td>Initiate Bus Service - Year 1</td> </tr> <tr> <td>2017</td> <td>Initiate Bus Service - Year 2</td> </tr> <tr> <td>2018</td> <td>Initiate Bus Service - Year 3</td> </tr> </tbody> </table>	Year	Phase	2016	Initiate Bus Service - Year 1	2017	Initiate Bus Service - Year 2	2018	Initiate Bus Service - Year 3
Year	Phase									
2016	Initiate Bus Service - Year 1									
2017	Initiate Bus Service - Year 2									
2018	Initiate Bus Service - Year 3									

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$215	\$102	\$106	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$54	\$26	\$27	\$0	\$0		
<b>Total</b>	<b>\$0</b>	<b>\$269</b>	<b>\$128</b>	<b>\$133</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$530</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Broomfield Call-n-Ride**

Project Type: **Bus Service Projects (Expanded)**

TIP-ID: **2016-014**

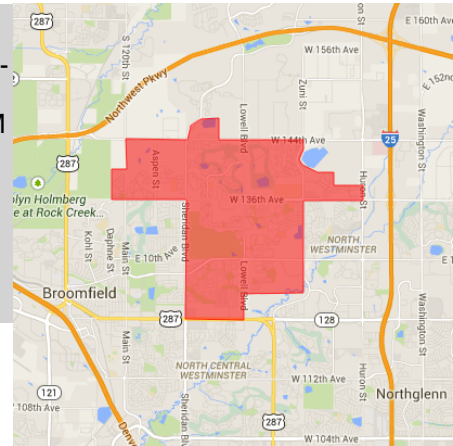
STIP-ID:

Open to Public: **2016**

Sponsor: **Broomfield**

## Project Scope

This project expands the geographic area served by the existing Broomfield Call-n-Ride to include an area generally from Sheridan to Zuni, and 120th to 144th/Dillon, with the same service hours, Monday through Friday, from 5:30 AM until 7:00 PM. The project includes the purchase of two additional buses.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Broomfield	Broomfield	Year	Phase
		2016	Initiate Bus Service - Year 1
		2017	Initiate Bus Service - Year 2
		2018	Initiate Bus Service - Year 3

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$188	\$89	\$92	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$80	\$38	\$40	\$0	\$0		
<b>Total</b>	\$0	\$268	\$127	\$132	\$0	\$0	\$0	\$527

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: RTD Route #324 Service Improvements

Project Type: **Bus Service Projects (Expanded)**

TIP-ID: **2016-015**

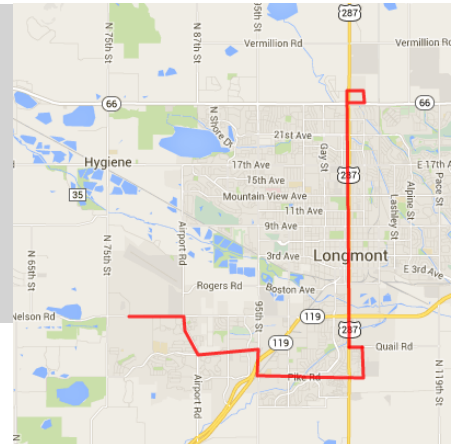
STIP-ID:

Open to Public: **2016**

Sponsor: **Longmont**

## Project Scope

This project will extend the weekday service hours and add Sunday service on RTD route #324.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Longmont	Boulder	<b>Year</b>	<b>Phase</b>
		2016	Initiate Bus Service - Year 1
		2017	Initiate Bus Service - Year 2
		2018	Initiate Bus Service - Year 3

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$392	\$392	\$392	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$98	\$98	\$98	\$0	\$0		
<b>Total</b>	\$0	\$490	\$490	\$490	\$0	\$0	\$0	\$1,470

Date	Status	Description
01/26/2016	Amended	Update project scope to read "This project will extend the weekday service hours and add Sunday service on RTD route #324." Change project name to " RTD Route #324 Service Improvements." Project funding remains unchanged.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Toll Gate Creek Trail: Chambers Rd to Montview Blvd**

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

TIP-ID: **2016-016**

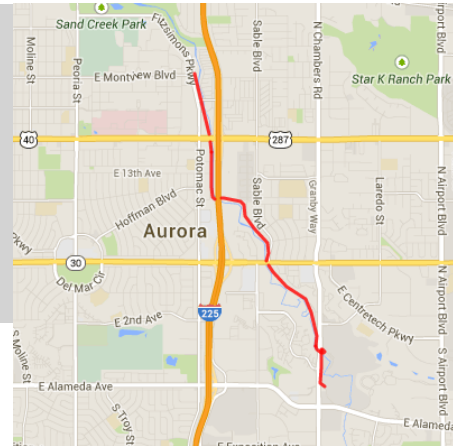
STIP-ID:

Open to Public: **2018**

Sponsor: **Aurora**

## Project Scope

This project constructs a 10 ft wide concrete multi-use bi-directional trail along Toll Gate Creek between Montview Blvd/Fitzsimons Pkwy and Chambers Rd. Retaining walls, bike railing, pedestrian-scale ADA/AASHTO compliant lighting, way-finding signage with destination and distance information, and 20 or more bicycle parking spaces within 1/2 mile of the project will be included. A new 10' wide bicycle and pedestrian bridge at East 13th Ave across Toll Gate Creek will also be constructed.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Aurora	Adams Arapahoe	Year	Phase
		2016	Initiate Environmental
		2016	Initiate Design
		2016	Initiate ROW
		2017	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$1,136	\$4,547	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$285	\$1,137	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$1,421</b>	<b>\$5,684</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,105</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Westerly Creek Trail to Toll Gate Creek Trail Connector**

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

TIP-ID: **2016-017**

STIP-ID:

Open to Public: **2019**

Sponsor: **Aurora**

## Project Scope

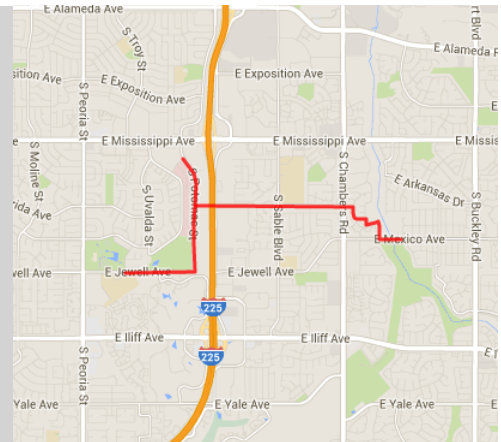
This project provides bike/pedestrian inter-connections between Westerly Creek trail, Toll Gate Creek trail, and the Florida LRT Station. The project includes two major segments:

East of the Florida Station:

- A Florida LRT Station 3-car kiss-n-ride area on both the north and south sides of Abilene St.
- A diagonal bike/pedestrian crossing at Florida Ave. and Abilene St.
- Reconfigure Florida Ave. to include an 11ft barrier separated (with candle stick delineators), bi-directional cycle track between the Florida LRT Station and Chambers Rd. Bulb-outs will also be constructed at the intersections.
- East of Chambers Rd, the cycle track will transition to sharrows on Helena Cir to Idalia Ct.
- From there, a 12 ft wide concrete path will be constructed along the west bank of Toll Gate Creek southward to Mexico Ave.
- The existing Mexico Ave. overpass over Toll Gate Creek will be upgraded to include a 12 ft concrete path, connecting to the existing Toll Gate Creek trail with a pedestrian/cyclist activated signal.
- Replacement of sidewalks less than 6 ft to 6 ft.

West of the Florida Station:

- Construction a 12 ft wide multi-use bi-directional bike/pedestrian path between the Florida Station west landing and Potomac St.
- Consolidation of two existing crossings to one controlled HAWK signal crossing of Potomac St.
- Construction of a new elevated 12 ft wide two-way cycle track on the west side of Potomac St between the HAWK signal south to the northeast corner of the Jewell Wetlands and on the north side of Jewell Ave between the west end of the Jewell Wetlands and Tucson St.
- Install on-street bicycle lanes between the HAWK signal and Louisiana Ave.
- Way finding signage with distance and destination information and bike racks for at least 20 bikes within 1/2 mile of the project.
- Potomac St will be converted from four lanes to two, with a two-way left turn lane (TWLTL).
- Traffic signal improvements and pedestrian-scale ADA/AASHTO compliant lighting will also be constructed as part of the project.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Aurora	Arapahoe	<b>Year</b>	<b>Phase</b>
		2017	Initiate Environmental
		2017	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 (CMAQ)		\$0	\$2,501	\$6,006	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$626	\$2,502	\$0	\$0		
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,127</b>	<b>\$8,508</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,635</b>

Date	Status	Description
10/25/2016	Proposed	Replace all federal CMAQ funding with state RAMP funding as part of the CDOT de-federalization pilot program.

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **23rd Ave. Bike/Ped Path at Fitzsimons Station**

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

TIP-ID: **2016-018**

STIP-ID:

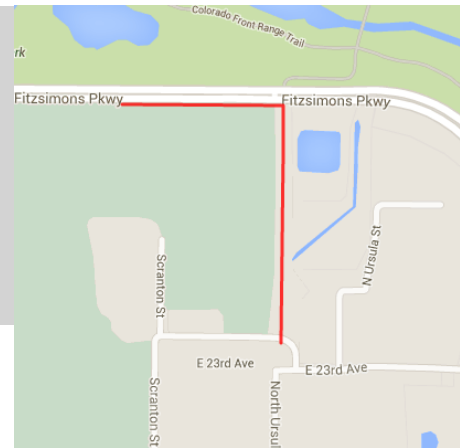
Open to Public: **2017**

Sponsor: **Aurora**

## Project Scope

The project constructs a new 12 ft wide concrete multi-use, bi-directional, physically-protected bicycle/pedestrian facility (use of curbs) along the south side of Fitzsimons Pkwy extending from the Light Rail Station to Ursula St and then south to East 23rd Ave. A HAWK signal and crosswalk with ADA ramps will also be provided at the station.

The project will also install pedestrian-scale ADA/AASHTO compliant lighting, way-finding signage with destination and distance information, and 20 or more bicycle parking spaces within 1/2 mile of the project.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Year	Phase		
Aurora	Adams	2016	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$1,492	\$0	\$0	\$0	\$0	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local		\$374	\$0	\$0	\$0	\$0	\$0	
<b>Total</b>		<b>\$0</b>	<b>\$1,866</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,866</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Colfax 15L Transit Improvements: I-225 to I-25**

Project Type: **Transit Passenger Facilities**

TIP-ID: **2016-019**

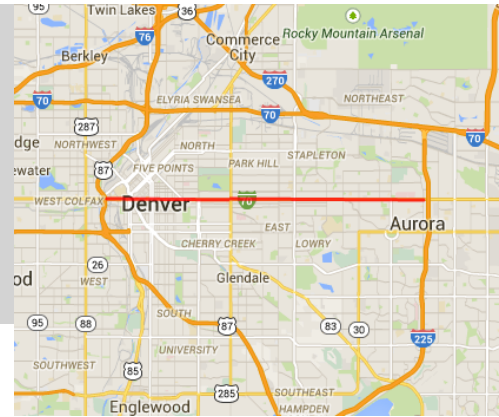
STIP-ID:

Open to Public: **2018**

Sponsor: **R T D**

## Project Scope

Project will replace or add existing bus stop amenities for stops along the 15L bus route servicing Colfax Ave, from I-225 to I-25. Improvements include new shelters, station furniture, lighting, and security cameras.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
		Year	Phase
Aurora	Adams	2018	Initiate Construction
Denver	Arapahoe Denver		

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$0	\$0	\$2,600	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$0	\$650	\$0	\$0		
<b>Total</b>		\$0	\$0	\$3,250	\$0	\$0	\$0	\$3,250

Date	Status	Description
09/22/2016	Amended	Move \$1,300,000 of federal STP-Metro funds and \$325,000 of local funds from FY2019 to FY2018. Total project funding remains unchanged.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Wadsworth Blvd Widening: 35th Ave to 48th Ave**

Project Type: **Roadway Capacity**

TIP-ID: **2016-020**

STIP-ID:

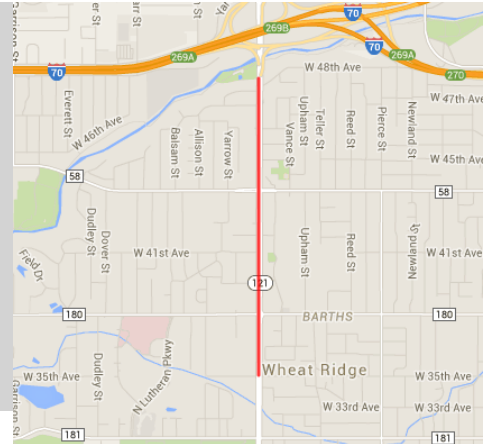
Open to Public: **2020**

Sponsor: **Wheat Ridge**

## Project Scope

This project will widen Wadsworth Blvd from W 35th Ave to W 48th Ave from 4 to 6 lanes. Features include:

- 10 ft wide sidewalks along both sides of the corridor separated from the street with 10 ft wide tree lawns
- An 11 ft wide two-way cycle track on the east side of Wadsworth Blvd between 35th and 44th
- Street and pedestrian-level lighting
- Landscaped center medians, raised crosswalks, and access consolidation
- Double left turns at 38th and 44th; additional left turn lanes will also be constructed at up to four additional signalized intersections
- Traffic signals upgrades and bicycle detection
- Transit stop enhancements including shelters, benches, and kiosks



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Wheat Ridge	Jefferson	<b>Year</b>	<b>Phase</b>
		2016	Initiate Environmental
		2017	Initiate Design
		2018	Initiate ROW
		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$2,000	\$4,000	\$8,000	\$11,280	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$500	\$1,000	\$2,000	\$2,820	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$2,500</b>	<b>\$5,000</b>	<b>\$10,000</b>	<b>\$14,100</b>	<b>\$0</b>	<b>\$31,600</b>

Date	Status	Description
11/15/2016	Proposed	Revise scope to reflect 8 ft sidewalks, 9 ft tree lawns, and two continuous flow intersections instead of double left turns. Total project funding remains unchanged.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **I-25 & Broadway Interchange Reconstruction**

Project Type: **Roadway Capacity**

TIP-ID: **2016-021**

STIP-ID:

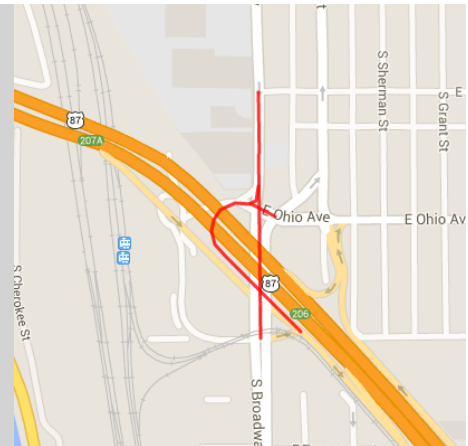
Open to Public: **2020**

Sponsor: **Denver**

## Project Scope

This project modifies the S. Broadway/I-25 interchange and will include the following features:

- Reconstructs E. Exposition Ave, from S. Lincoln St to S. Broadway
- Reconstructs S. Broadway, from E. Exposition Ave to south of E. Ohio Ave. in concrete pavement
- Constructs a new southbound I-25 on-ramp from the Broadway/Ohio intersection, travel under the existing I-25 viaduct, and extends over Broadway before it gains vertical elevation to connect to SB I-25
- Adds paved parking at the RTD I-25/Broadway Station; a water quality pond adjacent to the paved parking
- Adds new or modified traffic signals, with new or improved signal interconnect and ITS infrastructure
- Adds new 8 ft. minimum width sidewalks, a detached multi-use trail extending from the Lincoln /Ohio intersection directly into the RTD I-25/Broadway Station area, bicycle racks, streetscaping, and pedestrian and street lighting



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Denver	Denver	<b>Year</b>	<b>Phase</b>
		2016	Initiate Environmental
		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 (STP-M)		\$6,540	\$4,000	\$6,833	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$2,971	\$1,000	\$6,624	\$0	\$0		
<b>Total</b>	\$0	\$9,511	\$5,000	\$13,457	\$0	\$0	\$0	\$27,968

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Martin Luther King Jr. Blvd Extension: Havana St to Peoria St**

Project Type: **Roadway Capacity**

TIP-ID: **2016-022**

STIP-ID:

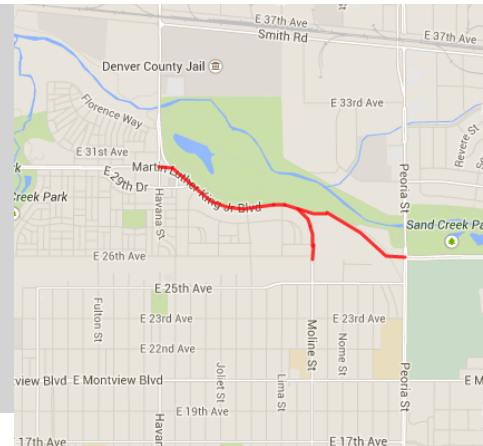
Open to Public: **2018**

Sponsor: **Denver**

## Project Scope

This project adds two additional lanes to Martin Luther King Jr. Blvd. (MLK) from Havana St/lola St, and a new 4-lane roadway from where MLK turns south into Moline St to the Fitzsimons Pkwy/Peoria St intersection. The project will also include:

- 18 ft landscaped medians, turn lanes, and a 16.5 ft landscaped tree lawn
- A detached 10 ft wide multi-use concrete path on each side, and a 10 ft wide multi-use concrete and 5 ft parallel soft trail outside of a 30 ft buffer from the Bluff Lake Nature Center area
- Several existing access consolidations, bus pads, new or improved traffic signal interconnection, bicycle detection, and a median pedestrian refuge at Peoria St.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Denver	Denver	Year	Phase
		2016	Initiate Environmental
		2016	Initiate Design
		2017	Initiate ROW
		2017	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$1,793	\$5,379	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$1,957	\$5,871	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$3,750</b>	<b>\$11,250</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,000</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Quebec St Operational Improvements: 13th Ave to 26th Ave**

Project Type: **Roadway Operational Improvements**

TIP-ID: **2016-023**

STIP-ID:

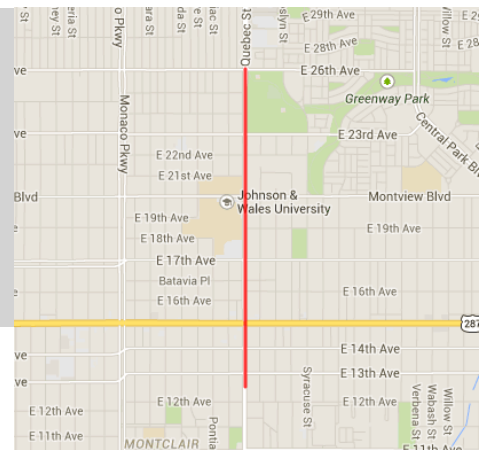
Open to Public: **2020**

Sponsor: **Denver**

## Project Scope

This project constructs additional lanes and other operational improvements on Quebec St from south of 13th Ave to 26th Ave and will include the following:

- One additional lane in each direction from 13th Ave to Montview Blvd
- One additional northbound lane from Montview Blvd to 23rd Ave
- Receiving and/or turning lanes at intersections of 13th Ave, 14th Ave, Colfax Ave, 17th Ave, Montview, and E. 23rd Ave
- A continuous 5 ft sidewalk facility with a 3 ft buffer
- New concrete bus pads, transit amenities, and bike parking
- New or improved traffic signal interconnection and ITS infrastructure



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Denver	Denver	Year	Phase
		2016	Initiate Environmental
		2017	Initiate Design
		2018	Initiate ROW
		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$820	\$3,560	\$3,810	\$3,310	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$820	\$3,560	\$3,810	\$3,310	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$1,640</b>	<b>\$7,120</b>	<b>\$7,620</b>	<b>\$6,620</b>	<b>\$0</b>	<b>\$23,000</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Iloff Ave Operational Improvements: Parker Rd to Quebec St**

Project Type: **Roadway Operational Improvements**

TIP-ID: **2016-024**

STIP-ID:

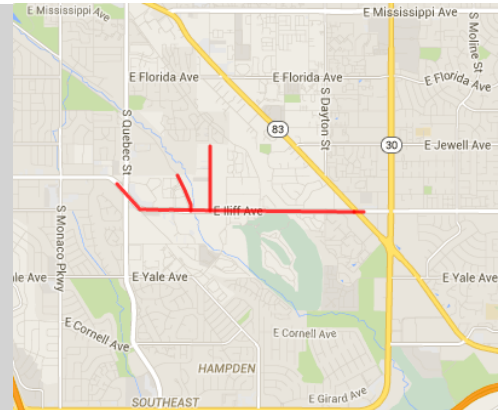
Open to Public: **2020**

Sponsor: **Arapahoe County**

## Project Scope

This project constructs operational and multimodal improvements on Iloff Ave from Parker Rd to Quebec St and will include the following:

- Separate 8 ft minimum wide pedestrian and bike paths
- Add turn and accelerations lanes at several intersections, with some also serving as queue jumps
- Widening the bridge over Cherry Creek to accommodate bike lanes and a turn lane
- Drainage upgrades through the corridor, water quality ponds on S. Cherry Creek Dr and Valentia St, and burial of utilities
- Medians, protected roadway crossings, access consolidation, new or improved traffic signal interconnection, bus pads, and bicycle counters and amenities (racks/lockers)



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Denver	Arapahoe	<b>Year</b>	<b>Phase</b>
Unincorporated	Denver	2016	Initiate Environmental
		2017	Initiate Design
		2018	Initiate ROW
		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$1,500	\$3,000	\$6,000	\$6,846	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$500	\$1,000	\$2,000	\$2,673	\$0		
<b>Total</b>	\$0	\$2,000	\$4,000	\$8,000	\$9,519	\$0	\$0	\$23,519

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Ralston Rd Reconstruction: Yukon St to Upham St**

Project Type: **Roadway Reconstruction**

TIP-ID: **2016-025**

STIP-ID:

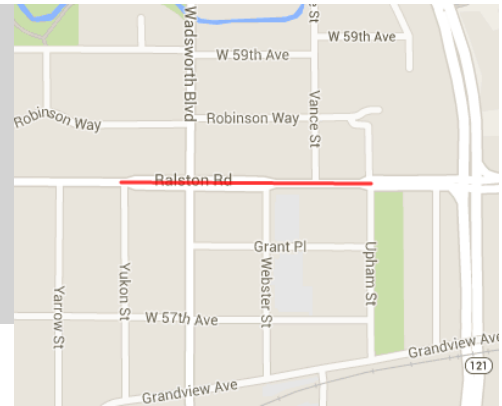
Open to Public: **2019**

Sponsor: **Arvada**

## Project Scope

This project reconstructs Ralston Rd from Upham St to Yukon St. The project will also include the following:

- Widening the existing sidewalks to a minimum width of 8 ft with a landscaped buffer where feasible
- protected roadway crossings, new or improved traffic signal interconnections, ITS infrastructure, and bicycle detection and racks/lockers
- Transit amenities and bus pads



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Arvada	Jefferson	<b>Year</b>	<b>Phase</b>
		2016	Initiate Environmental
		2016	Initiate Design
		2018	Initiate ROW
		2018	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$286	\$0	\$1,617	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$72	\$0	\$404	\$0	\$0		
<b>Total</b>	<b>\$0</b>	<b>\$358</b>	<b>\$0</b>	<b>\$2,021</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,379</b>

Date	Status	Description
11/09/2016	Proposed	Replace all federal STP-Metro funding with state RAMP funding as part of the CDOT de-federalization pilot program.
04/16/2015	Approved	Adopted into the 2016-2021 TIP



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Broadway Reconstruction: Violet Ave to US-36**

Project Type: **Roadway Reconstruction**

TIP-ID: **2016-026**

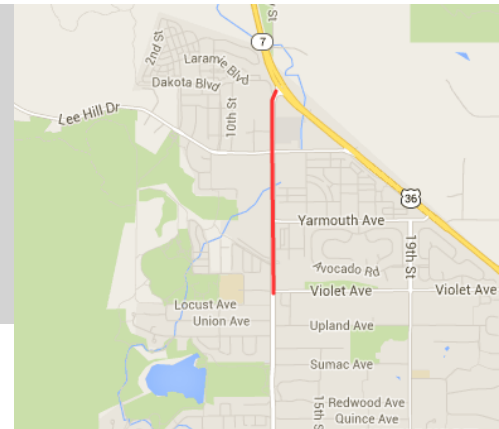
STIP-ID:

Open to Public: **2020**

Sponsor: **Boulder**

## Project Scope

Project will reconstruct Broadway St, from Violet Ave to US 36. New curb and gutter, underground utility upgrades, including new or improved traffic signal interconnection and bicycle detection, and bicycle, pedestrian, and transit stop facilities and amenities will also be included as part of the project.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Boulder	Boulder	Year	Phase
		2016	Initiate Design
		2017	Initiate Environmental
		2018	Initiate ROW
		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$1,000	\$400	\$1,000	\$3,825	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$250	\$100	\$250	\$1,475	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$1,250</b>	<b>\$500</b>	<b>\$1,250</b>	<b>\$5,300</b>	<b>\$0</b>	<b>\$8,300</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Meadows Pkwy Reconstruction: US-85 to Meadows Blvd**

Project Type: **Roadway Reconstruction**

TIP-ID: **2016-027**

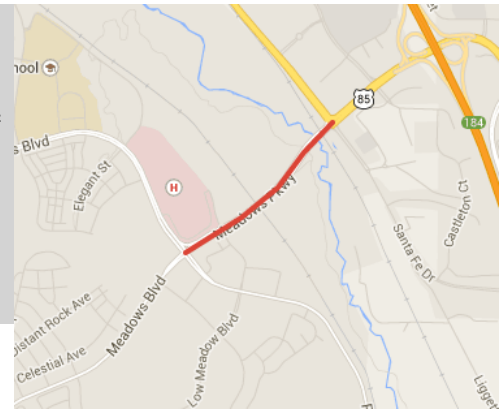
STIP-ID:

Open to Public: **2018**

Sponsor: **Castle Rock**

## Project Scope

Project will reconstruct Meadows Pkwy from US 85 to Meadows Blvd in asphalt, along with repairing or replacing any damaged curb/gutter along the center median, roadway edge, and sidewalk. Bike lanes will be added to the outside of the roadway.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Castle Rock	Douglas	<b>Year</b>	<b>Phase</b>
		2017	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$0	\$1,333	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$334	\$0	\$0	\$0		
<b>Total</b>	\$0	\$0	\$1,667	\$0	\$0	\$0	\$0	\$1,667

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **16th St Mall Reconstruction: Arapahoe St to Lawrence St**

Project Type: **Roadway Reconstruction**

TIP-ID: **2016-028**

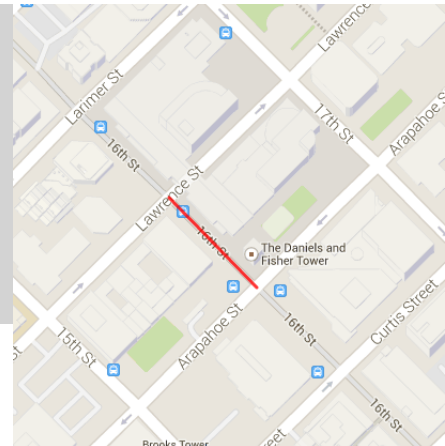
STIP-ID:

Open to Public: **2017**

Sponsor: **R T D**

## Project Scope

Project will reconstruct one block of the 16th Street Mall between Lawrence St and Arapahoe St. The project will reconstruct the sub-base and rehab the existing pavers, along with improvements to intersection bulb-outs, utilities, and amenities, including fountains and tree pits/tree replacement, and urban design upgrades to existing furnishings (e.g., fresh paint, powdercoating, and wayfinding upgrades).



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Denver	Denver	Year	Phase
		2016	Initiate Design
		2017	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$2,399	\$2,400	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$600	\$600	\$0	\$0	\$0		
<b>Total</b>	\$0	\$2,999	\$3,000	\$0	\$0	\$0	\$0	\$5,999

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **East Lafayette Multimodal Path Connection: Commerce Ct to Lafayette Park-n-Ride**

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

TIP-ID: **2016-029**

STIP-ID:

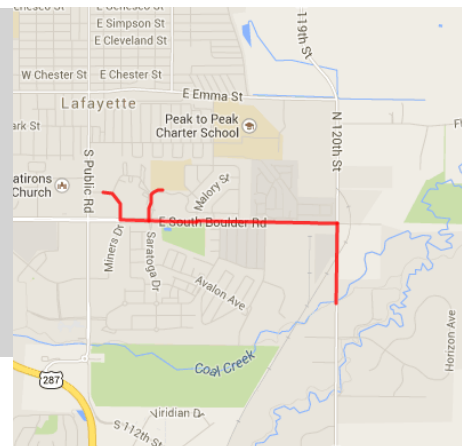
Open to Public: **2020**

Sponsor: **Lafayette**

## Project Scope

This project widens existing sidewalks and constructs new 10 ft wide concrete multi-use paths along South Boulder Rd from City Center Dr east to 120th St, and then continuing south along 120th St, connecting to existing sidewalks at Commerce Ct. Two additional connections will be made to the north from South Boulder Rd; one on Merlin Dr to Sanchez Elementary School, and another on City Center Dr to west of Strathmore Ln.

A physically-protected crossing at Avalon St, 20 bicycle parking spaces, AASHTO compliant lighting, and way-finding signage with destination and distance information will also be included.



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

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$0	\$0	\$0	\$999	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$250	\$0		
<b>Total</b>		\$0	\$0	\$0	\$0	\$1,249	\$0	\$1,249

Date	Status	Description
07/21/2016	Amended	Change funding type from federal TAP funds to federal STP-Metro funds. Total project funding remains unchanged.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **71st St Multimodal Pathway Connection: Winchester to Idylwild Trail** Project Type: **Bicycle and Pedestrian Projects (New)**

TIP-ID: **2016-030**

STIP-ID:

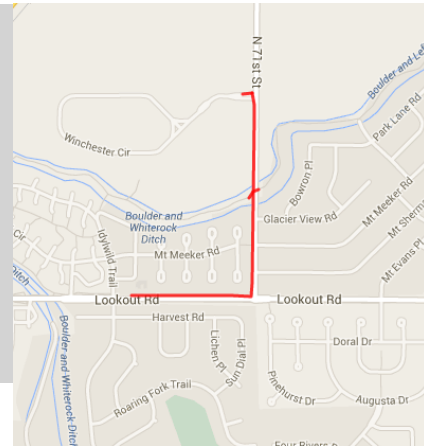
Open to Public: **2020**

Sponsor: **Boulder County**

## Project Scope

This project constructs a new 10-foot wide concrete multi-use path from the existing sidewalk in the Winchester Business Park to the Longmont-to-Boulder Trail crossing of 71st St, and to the transit services along Lookout Rd. A new physically-protected crossing for the Lobo Trail across 71st St will be built and the multiuse path along Lookout Rd will be widened. The project will provide two grade-separated crossings over the Boulder and Lefthand Ditch and over the Boulder and Whiterock Ditch.

At least 10 uncovered bike racks with a capacity for 20 bicycles, ADA/AASHTO compliant lighting, and way-finding signage with destination and distance information will be included.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Boulder	Boulder	<b>Year</b>	<b>Phase</b>
Unincorporated		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (TAP)		\$0	\$0	\$0	\$860	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$215	\$0		
<b>Total</b>		\$0	\$0	\$0	\$0	\$1,075	\$0	\$1,075

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **C-470 Multi-use Trail: Grade Separation at Yosemite St**

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

TIP-ID: **2016-031**

STIP-ID:

Open to Public: **2020**

Sponsor: **Douglas County**

## Project Scope

This project constructs two bike/ped bridges: one over Yosemite St and another over the C-470 WB On-Ramp. Twenty or more bicycle parking spaces, at least 10 of which will be covered, ADA/AASHTO compliant lighting, landscaping, and way-finding signage with destination and distance information will also be included.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Lone Tree	Douglas	<b>Year</b>	<b>Phase</b>
		2018	Initiate ROW
		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (TAP)		\$0	\$0	\$500	\$1,500	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$300	\$300	\$350	\$1,050	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$300</b>	<b>\$300</b>	<b>\$850</b>	<b>\$2,550</b>	<b>\$0</b>	<b>\$4,000</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **US-6 Shared-Use Path: Colfax Ave to Johnson Rd**

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

TIP-ID: **2016-032**

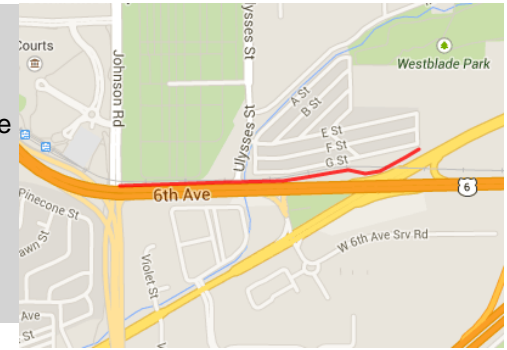
STIP-ID:

Open to Public: **2018**

Sponsor: **Jefferson County**

## Project Scope

This project will construct an 8 ft wide detached multi-use path along the north side of US-6 between Colfax Ave and Johnson Rd. ADA/AASHTO compliant lighting and way-finding signage with destination and distance information will be included.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Golden	Jefferson	<b>Year</b>	<b>Phase</b>
Unincorporated		2016	Initiate Design
		2017	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (TAP)		\$50	\$539	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$13	\$135	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$63</b>	<b>\$674</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$737</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Superior Trail: McCaslin BRT Station to Coal Creek**

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

TIP-ID: **2016-033**

STIP-ID:

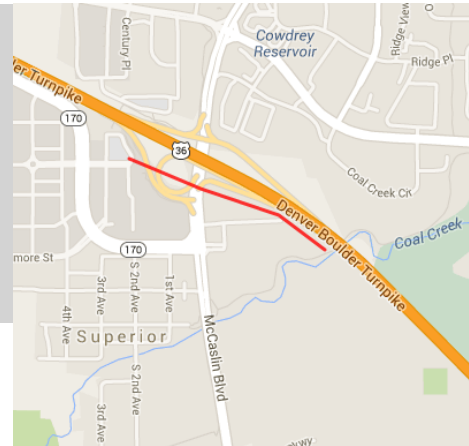
Open to Public: **2018**

Sponsor: **Superior**

## Project Scope

This project constructs a 10 ft wide concrete multi-use trail from the McCaslin BRT/Park-n-Ride Station to the existing McCaslin Blvd pedestrian underpass, continuing east to the Coal Creek Regional Trail/US-36 Bikeway intersection.

A Bus-then-Bike Shelter with 31 covered bicycle parking spaces, lighting, landscaping, and way-finding signage with destination and distance information will also be included.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Superior	Boulder	<b>Year</b>	<b>Phase</b>
		2016	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (TAP)		\$600	\$0	\$0	\$0	\$0	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local		\$150	\$0	\$0	\$0	\$0	\$0	
<b>Total</b>		<b>\$0</b>	<b>\$750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$750</b>

Date	Status	Description
05/20/2015	Amended	Transfer \$320,000 of federal TAP funds and associated local match from FY2017 to FY2016. Total project funding remains unchanged
04/16/2015	Approved	Adopted into the 2016-2021 TIP



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Superior Trail: McCaslin BRT to Davidson Mesa Underpass**

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

TIP-ID: **2016-034**

STIP-ID:

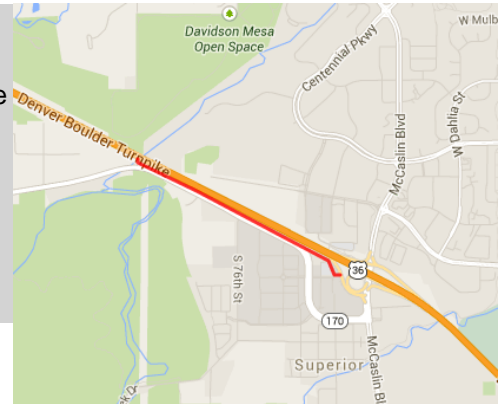
Open to Public: **2019**

Sponsor: **Superior**

## Project Scope

This project constructs a 10 ft wide concrete multi-use trail between US 36 and Marshall Rd, from the McCaslin BRT Station to the US 36 pedestrian and bicycle underpass at Davidson Mesa.

A Bus-then-Bike Shelter with 31 covered bicycle parking spaces, lighting, landscaping, and way-finding signage with destination and distance information will also be included.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Superior	Boulder	<b>Year</b>	<b>Phase</b>
		2017	Initiate Design
		2018	Initiate ROW
		2018	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$0	\$200	\$497	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$50	\$228	\$0	\$0		
<b>Total</b>	\$0	\$0	\$250	\$725	\$0	\$0	\$0	\$975

Date	Status	Description
09/22/2016	Amended	Transfer \$350,000 of federal CMAQ and \$191,000 of local matching funds from FY2019 to FY2018. Total project funding remains unchanged.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **30th St and Colorado Ave Bike/Ped Underpass**

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

TIP-ID: **2016-035**

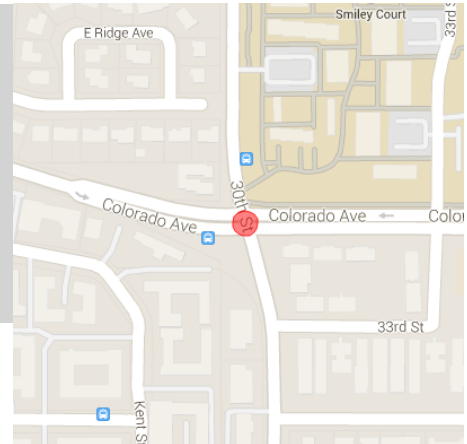
STIP-ID:

Open to Public: **2020**

Sponsor: **Boulder**

## Project Scope

This project constructs an underpass at 30th St and Colorado Ave. Additional items as part of the project include 10 ft wide multi-use path connections, ADA/AASHTO compliant lighting, way-finding signage with destination and distance information, and 20 bicycle parking spaces.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Boulder	Boulder	Year	Phase
		2016	Initiate Design
		2017	Initiate Environmental
		2018	Initiate ROW
		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$400	\$400	\$600	\$3,350	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$100	\$100	\$700	\$2,350	\$0		
<b>Total</b>	\$0	\$500	\$500	\$1,300	\$5,700	\$0	\$0	\$8,000

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Parker Rd Sidewalk Connection: Plaza Dr to Sulphur Gulch Trail**

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

TIP-ID: **2016-036**

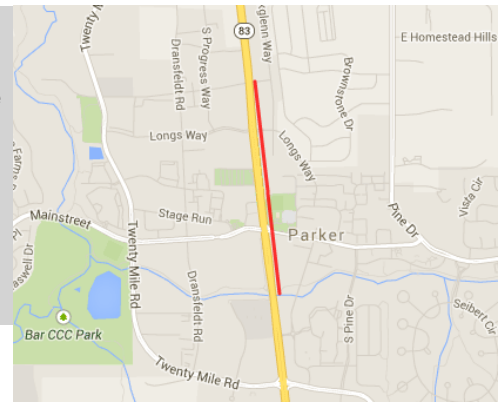
STIP-ID:

Open to Public: **2019**

Sponsor: **Parker**

## Project Scope

This project constructs a new 10 ft-wide sidewalk along the east side of Parker Rd between the Sulphur Gulch Trail and north of Plaza Dr. Way-finding signage with destination and distance information will be included.



Affected Municipality(ies)	Affected County(ies)	Project Phases				
Parker	Douglas	<table border="1"> <thead> <tr> <th>Year</th> <th>Phase</th> </tr> </thead> <tbody> <tr> <td>2018</td> <td>Initiate Construction</td> </tr> </tbody> </table>	Year	Phase	2018	Initiate Construction
Year	Phase					
2018	Initiate Construction					

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$0	\$0	\$504	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$50	\$50	\$126	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$50</b>	<b>\$50</b>	<b>\$630</b>	<b>\$0</b>	<b>\$0</b>	<b>\$730</b>

Date	Status	Description
05/20/2015	Amended	Add \$26,000 of local CMAQ funds in FY2016 and FY2017 and add \$6,000 of local CMAQ funds in FY2018. Transfer \$72,000 of federal CMAQ funds from FY2016 and FY2017 to FY2018. Increase total project funding.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Washington Ave Complete Streets**

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

TIP-ID: **2016-037**

STIP-ID:

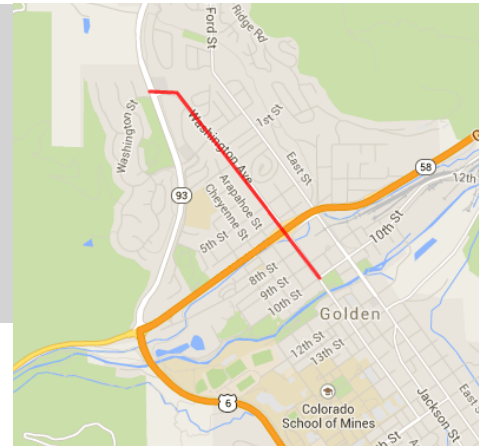
Open to Public: **2018**

Sponsor: **Golden**

## Project Scope

This project reconstructs Washington Ave from CO 93 to 10th St to include a curb-separated 4 ft wide bike facility and 8 ft wide sidewalk, where permitted.

Intersection safety improvements, ADA/AASHTO compliant lighting, transit supporting amenities, and way-finding signage with destination and distance information will be included.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Golden	Jefferson	<b>Year</b>	<b>Phase</b>
		2016	Initiate Environmental
		2016	Initiate Design
		2017	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$345	\$2,700	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$90	\$686	\$0	\$0	\$0		
<b>Total</b>	\$0	\$435	\$3,386	\$0	\$0	\$0	\$0	\$3,821

Date	Status	Description
10/25/2016	Proposed	Replace all federal STP-Metro funding with state RAMP funding as part of the CDOT de-federalization pilot program.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



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**

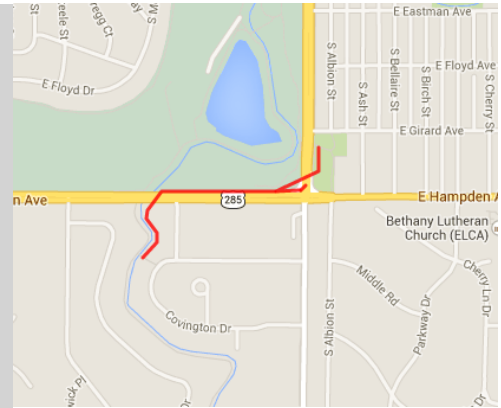
Sponsor: **Denver**

## 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	
Cherry Hills Village	Arapahoe	<b>Year</b>	<b>Phase</b>
Denver	Denver	2016	Initiate Environmental
		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>	<b>\$0</b>	<b>\$1,951</b>	<b>\$1,699</b>	<b>\$1,750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,400</b>

Date	Status	Description
08/18/2016	Amended	Change project sponsor from Cherry Hills Village to City and County of Denver.
05/20/2015	Amended	Transfer \$37,000 of federal TAP funds and associated local match from FY2016 to FY2017. Total project funding remains unchanged.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Route 62: Central Park Station to 60th Ave/Dahlia Transfer Station**

Project Type: **Bus Service Projects (Expanded)**

TIP-ID: **2016-039**

STIP-ID:

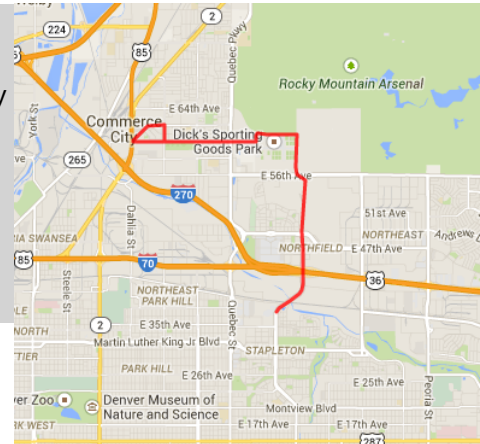
Open to Public: **2016**

Sponsor: **Commerce City**

## Project Scope

This project will create a new RTD Route 62 north from Central Park Station to the 60th/Dahlia Transfer Station, generally along Central Park Blvd, Prairie Pkwy Ave, E. 60th Ave, Holly St, 62nd Ave, and Parkway Dr.

The service will be for 12 service hours Monday through Saturday (approximately 6:30 a.m. to 6:30 p.m.), with 30 minute weekday headways and hourly headways on Saturday. The service also will provide special event service at Dicks Sporting Goods Park.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Commerce City	Adams	<b>Year</b>	<b>Phase</b>
Denver	Denver	2016	Initiate Bus Service - Year 1
		2017	Initiate Bus Service - Year 2
		2018	Initiate Bus Service - Year 3

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$453	\$451	\$451	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$114	\$113	\$113	\$0	\$0		
<b>Total</b>	\$0	\$567	\$564	\$564	\$0	\$0	\$0	\$1,695

Date	Status	Description
03/17/2016	Amended	Change project title from "Route 73 Extension: Smith Rd Station to 60th Ave and Dahlia St" to read "Route 62: Central Park Station to 60th Ave/Dahlia Transfer Station." Update scope to read "This project will create a new RTD Route 62 north from Central Park Station to the 60th/Dahlia Transfer Station, generally along Central Park Blvd, Prairie Pkwy Ave, E. 60th Ave, Holly St, 62nd Ave, and Parkway Dr. The service will be for 12 service hours Monday through Saturday (approximately 6:30 a.m. to 6:30 p.m.), with 30 minute weekday headways and hourly headways on Saturday. The service also will provide special event service at Dicks Sporting Goods Park."
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Gun Club Rd and Quincy Ave Operational Improvements**

Project Type: **Roadway Operational Improvements**

TIP-ID: **2016-040**

STIP-ID:

Open to Public: **2020**

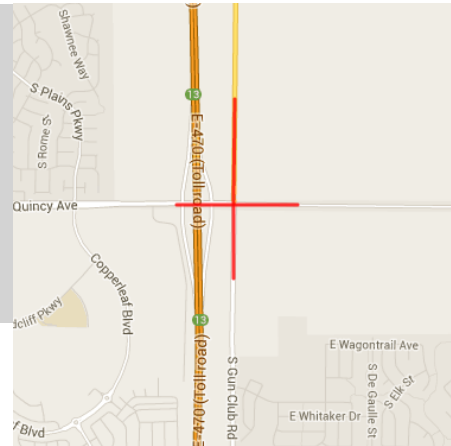
Sponsor: **Arapahoe County**

## Project Scope

This project constructs a four through lane Partial Continuous Flow Intersection (PCFI), with legs extending 1,200 feet in each direction.

Features include:

- A box culvert crossing that will accommodate the Quincy Avenue Trail
- New and improved signal interconnection, and ITS infrastructure
- Bike amenities and bike counters
- Street trees and/or a landscaped buffer
- A new bike lane or shoulders
- Depressed medians on all legs of the intersection



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Aurora	Arapahoe	<b>Year</b>	<b>Phase</b>
Unincorporated		2016	Initiate Design
		2017	Initiate Environmental
		2018	Initiate ROW
		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$500	\$500	\$1,000	\$2,892	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$500	\$1,000	\$2,000	\$4,308	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$1,000</b>	<b>\$1,500</b>	<b>\$3,000</b>	<b>\$7,200</b>	<b>\$0</b>	<b>\$12,700</b>

Date	Status	Description
05/20/2015	Amended	Add \$500,000 of local CMAQ funds in FY2017, add \$1,000,000 of local CMAQ funds in FY2018 and remove \$2,167,000 of local CMAQ funds in FY2019. Decrease total project funding to reflect sponsor's original funding request.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Founders Pkwy and Allen Way Intersection Improvements**

Project Type: **Roadway Operational Improvements**

TIP-ID: **2016-041**

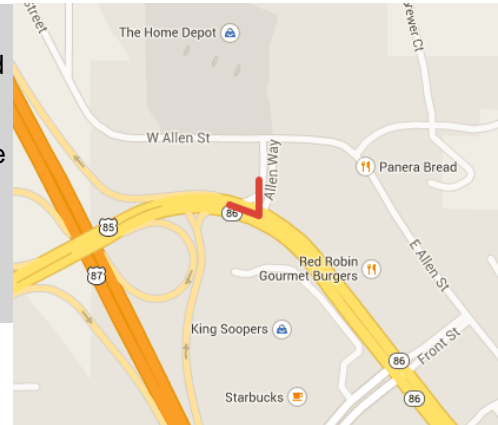
STIP-ID:

Open to Public: **2019**

Sponsor: **Castle Rock**

## Project Scope

Project will widen Founders Pkwy (SH-86) to accommodate a second eastbound left turn lane, and a dedicated westbound right turn lane. The new left turn lane will extend to the I-25 / Founders northbound ramp intersection. Project will also add a second southbound right turn lane at Founders and a second through lane at the Allen Way and Allen St intersection. The existing roadside trail will be replaced with a new 8-ft trail.



Affected Municipality(ies)	Affected County(ies)	Project Phases										
Castle Rock	Douglas	<table border="1"> <thead> <tr> <th>Year</th> <th>Phase</th> </tr> </thead> <tbody> <tr> <td>2017</td> <td>Initiate Environmental</td> </tr> <tr> <td>2017</td> <td>Initiate Design</td> </tr> <tr> <td>2018</td> <td>Initiate ROW</td> </tr> <tr> <td>2018</td> <td>Initiate Construction</td> </tr> </tbody> </table>	Year	Phase	2017	Initiate Environmental	2017	Initiate Design	2018	Initiate ROW	2018	Initiate Construction
Year	Phase											
2017	Initiate Environmental											
2017	Initiate Design											
2018	Initiate ROW											
2018	Initiate Construction											

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
Federal (STP-M)		\$0	\$284	\$1,716	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
State (Faster-S)		\$0	\$0	\$280	\$0	\$0		
Local		\$0	\$71	\$973	\$0	\$0		
<b>Total</b>		\$0	\$0	\$355	\$2,969	\$0	\$0	\$3,324

Date	Status	Description
09/22/2016	Amended	Transfer \$1,447,000 of federal STP-Metro, \$280,000 of state FASTER-Safety and \$280,000 of local matching funds from FY2019 to FY2018. Total Project funding remains unchanged.
04/16/2015	Approved	Adopted into the 2016-2021 TIP



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **US 85: Highlands Ranch Pkwy to Blakeland Dr Capacity Improvements**

Project Type: **Roadway Capacity**

TIP-ID: **2016-042**

STIP-ID:

Open to Public: **2020**

Sponsor: **Douglas County**

## Project Scope

This project will widen Santa Fe Blvd (US-85) from 4 to 6 lanes. Features include:

- Intersection improvements at Blakeland Dr, Norwood Dr, Carder Ct, Town Center Dr, and Branden Dr, including adding or improving left turn lanes and auxiliary lanes, where warranted
- Reconstructing and/or repaving existing lanes, adding shoulders, where feasible
- New and improved signal interconnection, and ITS infrastructure
- 10 ft wide detached multi-use path, bike amenities, and bike counters
- Transit stop enhancements including bus pads, shelters, benches, and sidewalk connections
- Landscaped center medians, and access consolidation



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Unincorporated	Douglas	Year	Phase
		2018	Initiate ROW
		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
Federal (STP-M)		\$0	\$0	\$5,000	\$10,000	\$0		
State		\$0	\$0	\$0	\$0	\$0		
State (R P P)		\$0	\$0	\$2,000	\$1,000	\$0		
Local		\$2,500	\$2,500	\$1,250	\$5,750	\$0		
<b>Total</b>	<b>\$0</b>	<b>\$2,500</b>	<b>\$2,500</b>	<b>\$8,250</b>	<b>\$16,750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,000</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **RidgeGate Pkwy Widening: Havana St to Lone Tree City Limits**

Project Type: **Roadway Capacity**

TIP-ID: **2016-043**

STIP-ID:

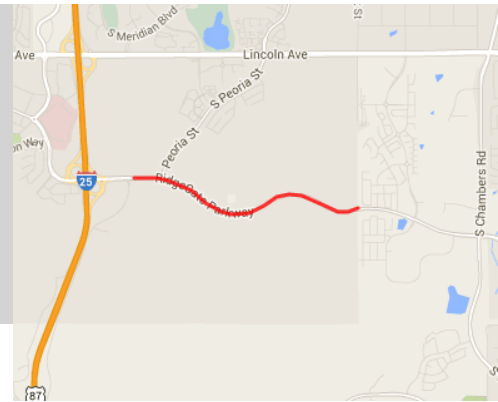
Open to Public: **2020**

Sponsor: **Lone Tree**

## Project Scope

This project will widen Ridgegate Pkwy from Havana St to the Lone Tree city limits from 2 to 4 lanes. Features include:

- Raised medians
- Left turn lanes at signalized intersections
- A separated cycle track bike detection
- Bike and transit amenities
- New sidewalks of a minimum width of 8 ft



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Lone Tree	Douglas	<b>Year</b>	<b>Phase</b>
		2018	Initiate Design
		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$0	\$0	\$1,400	\$5,000	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$0	\$3,400	\$12,200	\$0		
<b>Total</b>	\$0	\$0	\$0	\$4,800	\$17,200	\$0	\$0	\$22,000

Date	Status	Description
10/25/2016	Proposed	Replace all federal STP-Metro funding with state RAMP funding as part of the CDOT de-federalization pilot program.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Hwy 79 and Hwy 36 Grade Separation: EA and Design Study**

Project Type: **Roadway/Transit Studies**

TIP-ID: **2016-044**

STIP-ID:

Open to Public: **2019**

Sponsor: **Bennett**

## Project Scope

This study undertakes environmental clearances and Final Design for grade separating Hwy 79 and the Union Pacific Railroad north of Bennett at Old Victory Rd.

Phase 1 will conduct the necessary NEPA analysis and preliminary design.  
Phase 2 will develop a final design.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Bennett	Adams	Year	Phase
Unincorporated		2016	Initiate Study
		2017	Initiate Study
		2018	Initiate Design

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
Federal (STP-M)		\$392	\$392	\$392	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
State (R P P)		\$108	\$108	\$108	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	\$0	\$500	\$500	\$500	\$0	\$0	\$0	\$1,500

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **SH-7 BRT Study: Boulder to Brighton**

Project Type: **Roadway/Transit Studies**

TIP-ID: **2016-045**

STIP-ID:

Open to Public: **2017**

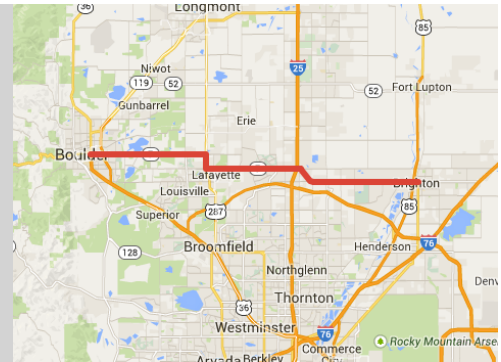
Sponsor: **Boulder County**

## Project Scope

This project will continue PEL analysis and recommendations for SH-7 between 75th Street in Boulder County and SH 287, as well as develop a cohesive plan for Bus Rapid Transit operations on SH 7 from downtown Boulder to the terminus of RTD's North Metro Rail Line at 162nd in the City of Thornton.

The study will:

- Identify traffic operation and safety problems
- Perform a passenger demand analysis for BRT
- Develop level of transit service scenarios and vehicle procurement needed for the new service
- Identify capital needs and improvements, including queue jump lanes, TSP, stop enhancements, buses, etc
- Define any possible revenue opportunities to support capital, operations, and maintenance
- Identify First and Final mile opportunities in the corridor



Affected Municipality(ies)	Affected County(ies)	Project Phases	
		Year	Phase
Boulder	Adams	2016	Initiate Study
Brighton	Boulder	2017	Initiate Study
Broomfield	Broomfield		
Erie	Weld		
Lafayette			
Thornton			
Unincorporated			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$80	\$120	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$20	\$30	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$100</b>	<b>\$150</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Arapahoe Rd: I-25 to Parker Rd Next Steps Operations Study**

Project Type: **Roadway/Transit Studies**

TIP-ID: **2016-046**

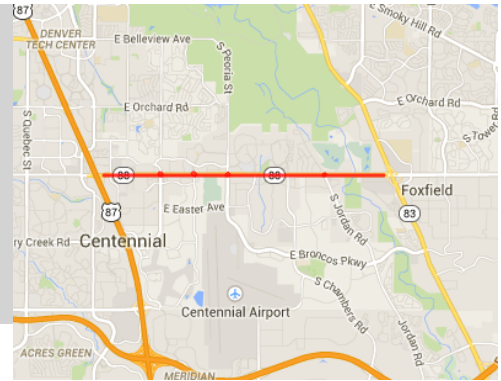
STIP-ID:

Open to Public: **2017**

Sponsor: **Centennial**

## Project Scope

This study will reevaluate and prioritize operational improvements at major intersections on Arapahoe Rd between I-25 and Parker Rd. This study will also incorporate context sensitive solutions that consider development and redevelopment potential; perceptible corridor width due to the wide paved median, landscaping, beautification, and other urban design considerations.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Aurora	Arapahoe	<b>Year</b>	<b>Phase</b>
Centennial		2016	Initiate Study
Greenwood Village			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$400	\$0	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$100	\$0	\$0	\$0	\$0		
<b>Total</b>		\$0	\$500	\$0	\$0	\$0	\$0	\$500

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Industrial Area Transportation Study: I-25 to I-270 to 40th Ave/Smith Rd** Project Type: **Roadway/Transit Studies**

TIP-ID: **2016-047**

STIP-ID:

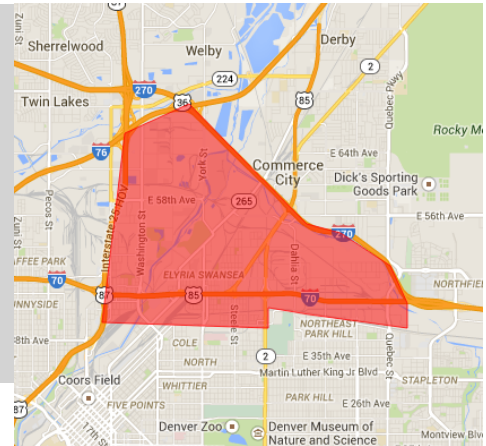
Open to Public: **2017**

Sponsor: **Commerce City**

## Project Scope

This project will conduct a planning level connectivity study to identify critical travel sheds on the local arterial and major collector street system west-to-east from I-25 to Quebec, and then south-to-north from Smith Road/40th to I-270/U.S. 85 & 60th. The study will emphasize key connections to I-70 and I-270 and include specific feasibility/ alternatives analysis /concept design for the following elements:

- BNSF Bridge over SH 265 (conceptual design)
- 60th Ave & US 85 (feasibility/alternatives analysis)
- Union Pacific Railroad grade separation in the vicinity of 47th Ave/49th Ave (feasibility/alternatives analysis)



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Commerce City	Adams	<b>Year</b>	<b>Phase</b>
Denver	Denver	2016	Initiate Study
Unincorporated			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$700	\$0	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$300	\$0	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$1,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Erie Pkwy Study: SH-287 to I-25**

Project Type: **Roadway/Transit Studies**

TIP-ID: **2016-048**

STIP-ID:

Open to Public: **2017**

Sponsor: **Erie**

## Project Scope

This project will evaluate the improvements needed to Erie Parkway from SH-287 to I-25. Components of this study include the following:

- Utilizing existing topography and supplement with field survey.
- Review traffic studies for existing developments, obtain additional traffic counts and prepare updated traffic study.
- Review drainage reports for existing developments and existing outfall plans. Prepare conceptual hydraulic design and preliminary drainage memorandum.
- Prepare conceptual roadway design report, plan set, and cost estimate. The design report will include timing for improvements based on existing and projected traffic volume.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Erie	Boulder	<b>Year</b>	<b>Phase</b>
Unincorporated	Weld	2016	Initiate Study

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$160	\$0	\$0	\$0	\$0	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local		\$40	\$0	\$0	\$0	\$0	\$0	
<b>Total</b>		\$0	\$200	\$0	\$0	\$0	\$0	\$200

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Jeffco Bike Wayfinding Study**

Project Type: **Roadway/Transit Studies**

TIP-ID: **2016-049**

STIP-ID:

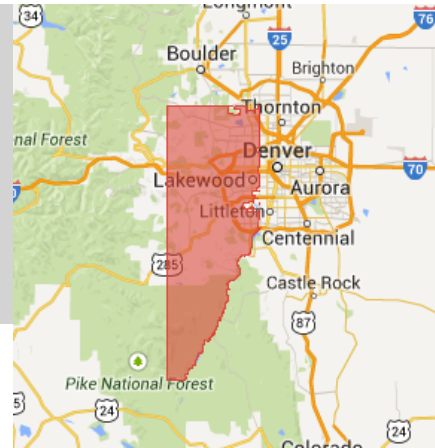
Open to Public: **2018**

Sponsor: **Lakewood**

## Project Scope

This project will study and make recommendations for a unified county bike/ped wayfinding signage program. Specific tasks include:

- Public involvement
- Development of a wayfinding brand/signage design and a standards manual and placement guidelines
- Review of current signage, plans and best practices
- Network mapping



Affected County(ies)	Project Phases						
Jefferson	<table border="1"> <thead> <tr> <th>Year</th> <th>Phase</th> </tr> </thead> <tbody> <tr> <td>2016</td> <td>Initiate Study</td> </tr> <tr> <td>2017</td> <td>Initiate Study</td> </tr> </tbody> </table>	Year	Phase	2016	Initiate Study	2017	Initiate Study
Year	Phase						
2016	Initiate Study						
2017	Initiate Study						

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$80	\$40	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$20	\$10	\$0	\$0	\$0		
<b>Total</b>	\$0	\$100	\$50	\$0	\$0	\$0	\$0	\$150

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **SH 119 BRT NEPA Analysis: Boulder to Longmont**

Project Type: **Roadway/Transit Studies**

TIP-ID: **2016-050**

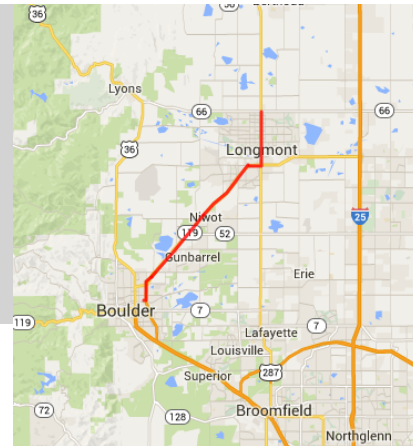
STIP-ID:

Open to Public: **2018**

Sponsor: **R T D**

## Project Scope

This project will conduct the next level of NEPA clearances, route planning, and preliminary engineering necessary to implement BRT in the SH 119 Corridor.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Boulder	Boulder	<b>Year</b>	<b>Phase</b>
Longmont		2016	Initiate Study
Unincorporated			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$1,000	\$0	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$750	\$750	\$500	\$0	\$0		
<b>Total</b>	\$0	\$1,750	\$750	\$500	\$0	\$0	\$0	\$3,000

Date	Status	Description
06/18/2015	Amended	Add local match amounts of \$500,000 in FY2016, \$750,000 in FY2017 and \$500,000 in FY2018.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Regional BRT Feasibility Study**

Project Type: **Roadway/Transit Studies**

TIP-ID: **2016-051**

STIP-ID:

Open to Public: **2018**

Sponsor: **R T D**

## Project Scope

This project will analyze arterial corridors region-wide to determine those that could be suitable for establishing a regional arterial BRT network and establish a prioritization for implementation.



Affected County(ies)	Project Phases
Regional	<b>Year</b> <b>Phase</b>
	2017    Initiate Study

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$0	\$1,000	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$250	\$0	\$0	\$0		
<b>Total</b>		\$0	\$0	\$1,250	\$0	\$0	\$0	\$1,250

Date	Status	Description
06/18/2015	Amended	Remove \$250,000 of local match in FY2017 per sponsor's request. Decrease total project funding.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Williams Fork Trail Multi-use Path: 63rd St to Twin Lakes Rd**

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

TIP-ID: **2016-052**

STIP-ID:

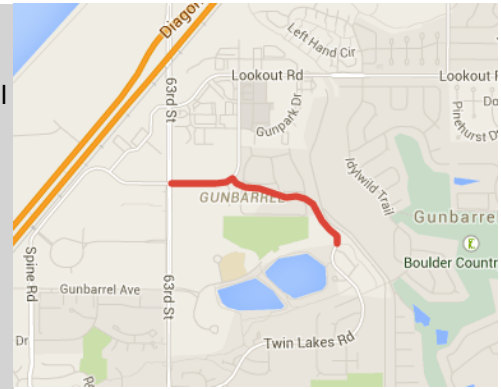
Open to Public: **2018**

Sponsor: **Boulder County**

## Project Scope

This project will construct a 10 ft wide concrete multi use path for 3,800 ft along Williams Fork Trail between N 63rd St and Twin Lakes Rd. The project will install pedestrian-scale ADA/AASHTO compliant lighting, way-finding signage with destination and distance information and 20 or more bike parking spaces within 1/2 miles of the project.

Selected using CDOT TAP funds.



Affected Municipality(ies)	Affected County(ies)
Boulder	Boulder

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (TAP)		\$0	\$632	\$0	\$0	\$0	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local		\$0	\$158	\$0	\$0	\$0	\$0	
<b>Total</b>		\$0	\$0	\$790	\$0	\$0	\$0	\$790

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Mead School to School Trail Project**

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

TIP-ID: **2016-053**

STIP-ID:

Open to Public: **2016**

Sponsor: **Mead**

### Project Scope

This project will construct an 8 ft wide trail from Mead Middle School to Mead High School.

Selected using CDOT TAP funds.



Affected Municipality(ies)	Affected County(ies)
Mead	Weld

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (TAP)		\$400	\$0	\$0	\$0	\$0	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local		\$100	\$0	\$0	\$0	\$0	\$0	
<b>Total</b>		<b>\$0</b>	<b>\$500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Boulder County Bus-then-Bike Shelters**

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

TIP-ID: **2016-054**

STIP-ID:

Open to Public: **2016**

Sponsor: **Boulder County**

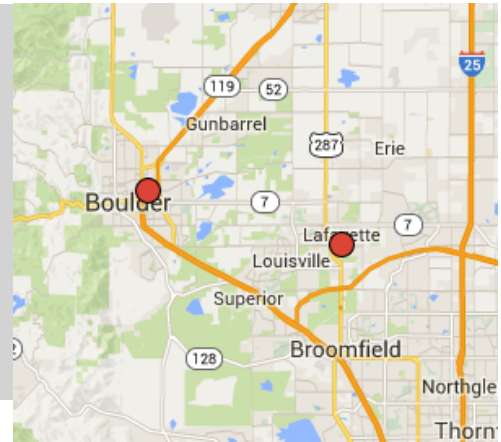
## Project Scope

This project will construct Bus-then-Bike shelters at four transit stops.

Selected using CDOT TAP funds.

Affected County(ies)

Boulder



Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (TAP)		\$158	\$0	\$0	\$0	\$0	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local		\$39	\$0	\$0	\$0	\$0	\$0	
<b>Total</b>		<b>\$0</b>	<b>\$197</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$197</b>

Date	Status	Description
09/21/2015	Amended	Reduce CDOT Region 4 federal Transportation Alternatives Program funds by \$68,000 in FY2016.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **I-25: 120th Ave to SH-7 Managed Lanes**

Project Type: **Roadway Capacity**

TIP-ID: **2016-055**

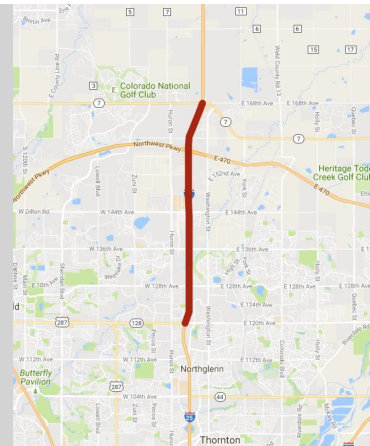
STIP-ID:

Open to Public: **2020**

Sponsor: **CDOT Region 1**

## Project Scope

This project will extend the existing and under construction managed lanes project (TIPID 2012-073), utilizing existing and new ROW. The project will result in one new managed lane in each direction from the current project's northern terminus near 120th Ave to SH-7. Project will resurface the entire stretch, add traffic management, sound wall, tolling/ITS equipment and safety, bridge and drainage improvements.



Affected Municipality(ies)	Affected County(ies)
Broomfield	Adams
Thornton	Broomfield
Westminster	
Unincorporated	

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$1,100	\$0	\$0	\$0	\$0		
Federal (BR)		\$0	\$979	\$0	\$0	\$0		
Federal (Hazard)		\$2,000	\$4,500	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
State (Bond/Loans)		\$0	\$25,000	\$0	\$0	\$0		
State (RMP)		\$44,000	\$2,000	\$0	\$0	\$0		
State (Safety)		\$3,000	\$0	\$0	\$0	\$0		
State (Surface)		\$0	\$0	\$0	\$12,000	\$0		
State (Water Qlty)		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	<b>\$11,000</b>	<b>\$50,100</b>	<b>\$32,479</b>	<b>\$0</b>	<b>\$12,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$105,579</b>

Date	Status	Description
10/25/2016	Proposed	Replace state RAMP funding with federal STP-Metro funding as part of the CDOT de-federalization pilot program.
09/22/2016	Amended	Add \$2,000,000 of state RAMP funds in FY 2017 to extend design to SH-7 (there-by extending the project length) and change sponsor to CDOT Region 1. Increase total project funding.
01/21/2016	Amended	Update scope to read "This project will extend the existing and under construction managed lanes project (TIPID 2012-073), utilizing existing and new ROW. The project will result in one new managed lane in each direction from the current project's northern terminus near 120th Ave to E-470. Project will resurface the entire stretch, add traffic management, sound wall, tolling/ITS equipment and safety, bridge and drainage improvements." Add Permanent Water Quality, Hazard Elimination and Bridge On-System funding types. Add \$2,000,000 of federal Hazard Elimination funds in FY2016 and \$4,500,000 in FY2017. Add \$1,100,000 of federal Permanent Water Quality funds in FY2016. Add \$979,000 of federal Bridge On-System funds in FY2017. Add \$25,000,000 of state Loans/Bonds in FY2017. Increase total project funds.
11/24/2015	Amended	Add \$11,000,000 to Previous Funding and \$4,000,000 of state RAMP funds in FY2016. Increase total project funding.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)

Title: **Region 1 ITS Pool**

Project Type: **Congestion Management**

TIP-ID: **2016-056**

STIP-ID:

Open to Public:

Sponsor: **CDOT Region 1**

## Project Scope

CDOT Region 1 ITS Pool. Specific projects will not be listed.



Affected County(ies)
Adams
Arapahoe
Broomfield
Denver
Douglas
Jefferson

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (ITS)		\$0	\$9,494	\$7,400	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>		\$0	\$9,494	\$7,400	\$0	\$0	\$0	\$16,894

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Region 1 RPP Pool**

Project Type: **Other**

TIP-ID: **2016-057**

STIP-ID:

Open to Public: **2016**

Sponsor: **CDOT Region 1**

## Project Scope

CDOT Region 1 RPP Pool. Funds projects with RPP funds.



### 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)
Small projects/consultants/closeouts		\$15,000	I-70	PPSL	\$4,000	US 85	Louviers to Sedalia	\$16,000
Montgomery settlement		\$200	C470	Study	\$1,000	I-25 N	Post-PEL	\$2,000
I-70	Tower to Colfax	\$2,600	I-270	Interchange Study (TIP ID 2016-047)	\$1,000	Regionwide ADA Ramps (Preconstruction)		\$3,000
C470 West	PEL	\$2,100	I-25	Operational Study	\$1,000	Brighton Blvd/42nd Culvert		\$2,500
120th Ave Connection	Broomfield TIP ID 2007-029	\$1,400	US 85 design	Sedalia to Meadows	\$2,900			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (R P P)		\$16,800	\$15,300	\$14,100	\$8,500	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$16,800</b>	<b>\$15,300</b>	<b>\$14,100</b>	<b>\$8,500</b>	<b>\$0</b>	<b>\$54,700</b>

Date	Status	Description
09/22/2016	Amended	Remove pool project "I-25 S PEL - Monument to C-470" and \$1,500,000 of Regional Priority Projects (RPP) funding in FY 2017 and transfer to a new stand alone project.
04/19/2016	Amended	Remove \$800,000 of state RPP funds in FY2016 and add \$1,100,000 in FY2017. Add the following projects and corresponding amounts; Regionwide ADA Ramps (preconstruction) for \$3,000,000; Brighton Blvd/42nd Culvert for \$2,500,000. Reduce Small Projects/Consultants/Closeouts from \$20,000,000 to \$12,000,000. Increase total project funding.
04/16/2015	Approved	Proposed for adoption into the 2016-2021 TIP



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Ozone State Implementation Plan (SIP) Modeling Study**

Project Type: **Air Quality Improvement Projects**

TIP-ID: **2016-058**

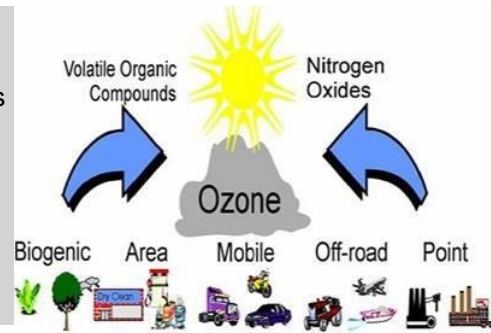
STIP-ID:

Open to Public: **2018**

Sponsor: **R A Q C**

## Project Scope

Conduct modeling and strategy analysis to ensure that the region will be able to meet anticipated new standards by the mandated deadlines for tighter standards for ozone.



Affected County(ies)	Project Phases				
Regional	<table border="1"> <thead> <tr> <th>Year</th> <th>Phase</th> </tr> </thead> <tbody> <tr> <td>2016</td> <td>Initiate Study</td> </tr> </tbody> </table>	Year	Phase	2016	Initiate Study
Year	Phase				
2016	Initiate Study				

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$480	\$0	\$0	\$0	\$0	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local		\$120	\$0	\$0	\$0	\$0	\$0	
<b>Total</b>		<b>\$0</b>	<b>\$600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **C-470 Managed Toll Express Lanes: Wadsworth to I-25**

Project Type: **Roadway Capacity**

TIP-ID: **2016-059**

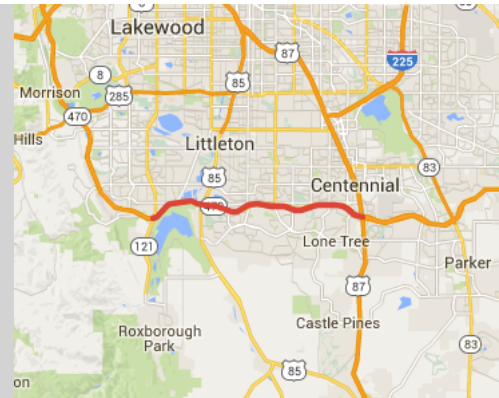
STIP-ID:

Open to Public:

Sponsor: **CDOT Region 1**

## Project Scope

One tolled express lane in each direction on C-470. WB between I-25 and approximately Wadsworth and EB between approximately Platte Canyon and I-25, with auxiliary lanes in required locations. Safety and operational improvements between I-25 and Quebec St. Improvements to ramps including direct-connect ramps at I-25 and C-470.



### Affected County(ies)

Arapahoe  
Douglas  
Jefferson

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State		\$0	\$44,000	\$90,000	\$104,700	\$0		
State (Bond/Loans)								
State (Faster-S)		\$0	\$2,000	\$0	\$0	\$0		
State (RMP)		\$0	\$32,630	\$60,000	\$0	\$0		
State (Safety)		\$0	\$6,300	\$0	\$0	\$0		
Local		\$0	\$10,000	\$0	\$0	\$0		
<b>Total</b>	<b>\$7,370</b>	<b>\$0</b>	<b>\$94,930</b>	<b>\$150,000</b>	<b>\$104,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$357,000</b>

Date	Status	Description
01/21/2016	Amended	Add state Safety funding type. Move \$7,370,000 of state RAMP funds from FY2016 to Previously Programmed. Add \$6,300,000 of state Safety funds in FY2017. Move \$44,000,000 of Local Bond/Loans to State Bond/Loans in FY 2017, move \$90,000,000 of local Bond/Loans to State Bond/Loans in FY2018 and move \$104,700,000 of Local Bond/Loans to State Bond/Loans in FY2019. Remove \$6,000,000 of Local Bond/Loans in FY2018 and \$300,000 in FY2019. Total project funding remains unchanged.
09/21/2015	Amended	Update project scope to read "One tolled express lane in each direction on C-470. WB between I-25 and approximately Wadsworth and EB between approximately Platte Canyon and I-25, with auxiliary lanes in required locations. Safety and operational improvements between I-25 and Quebec St. Improvements to ramps including direct-connect ramps at I-25 and C-470." Remove \$20,000,000 of state RAMP funding in FY2016 and add \$20,000,000 in FY2018. Add \$2,000,000 of state FASTER funding in FY2017. Add \$44,000,000 of Bonds/Loans in FY2017, \$96,000,000 in FY2018 and \$105,000,000 in FY2019. Add \$10,000,000 of local funds in FY2017. Increase total project funding.
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **I-70/Genesee Bike Path**

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

TIP-ID: **2016-060**

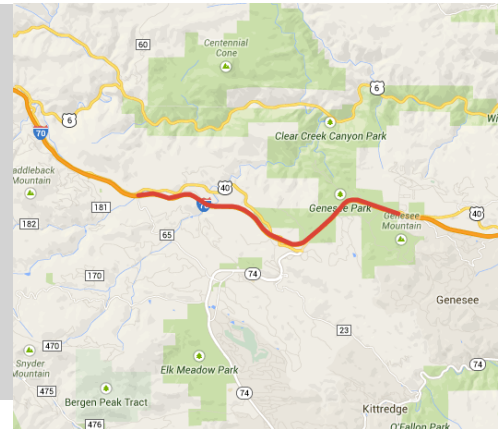
STIP-ID:

Open to Public:

Sponsor: **CDOT**

## Project Scope

Project constructs a 10 ft wide concrete multi-use path on the northerly side of I-70 between the Genesee Exit and Evergreen Pkwy Exit (Exit 251 and 254). The project will also construct a pedestrian bridge over the buffalo herd culvert crossing at approximate milepost 253.5. This project will be constructed in CDOT and Denver Parks Right-of-Way. Project awarded with CDOT TAP funds.



Affected County(ies)

Jefferson

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (TAP)		\$700	\$0	\$0	\$0	\$0	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local		\$175	\$0	\$0	\$0	\$0	\$0	
<b>Total</b>	<b>\$88</b>	<b>\$875</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$963</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Sheridan Blvd Multiuse Path: W. 6th Ave to W. 10th Ave**

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

TIP-ID: **2016-061**

STIP-ID:

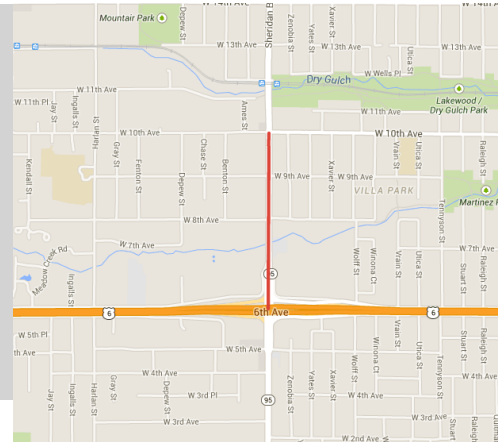
Open to Public: **2017**

Sponsor: **Lakewood**

## Project Scope

Construct multiuse path on the west side of Sheridan Blvd from north of W. 6th Ave to W. 10th Ave.

Awarded with CDOT Region 1 TAP funds.



Affected Municipality(ies)	Affected County(ies)
Lakewood	Jefferson

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (TAP)		\$400	\$0	\$0	\$0	\$0	\$0	
State		\$0	\$0	\$0	\$0	\$0	\$0	
Local		\$100	\$0	\$0	\$0	\$0	\$0	
<b>Total</b>	<b>\$500</b>	<b>\$500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Sheridan Blvd Sidewalks: W. 8th Ave to W. 10th Ave and Colfax Ave to W. 17th Ave**

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

TIP-ID: **2016-062**

STIP-ID:

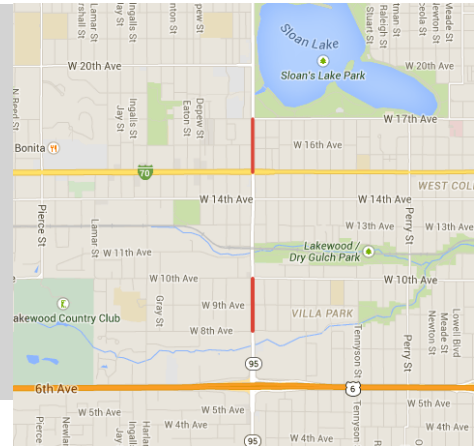
Open to Public: **2018**

Sponsor: **Denver**

## Project Scope

Complete planning, design, and environmental phases for detached sidewalks on the east side of Sheridan Blvd (5 ft wide landscaping and 5 ft wide sidewalk) from W. 8th Ave to W. 10th Ave and north of Colfax Ave to W. 17th Ave.

Awarded with CDOT Region 1 TAP funds.



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 (TAP)		\$400	\$400	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$100	\$100	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$500</b>	<b>\$500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000</b>

Date	Status	Description
04/16/2015	Approved	Adopted into the 2016-2021 TIP

# 2016-2021 Transportation Improvement Program (Approved TIP)

Title: **Intercity Bus Purchase**

Project Type: **Transit Vehicles**

TIP-ID: **2016-063**

STIP-ID:

Open to Public: **2017**

Sponsor: **R T D**

## Project Scope

Purchase four intercity coach buses to be used region-wide.



Affected County(ies)

Regional

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$867	\$642	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$217	\$161	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$1,084</b>	<b>\$803</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,887</b>

Date	Status	Description
09/21/2015	Amended	Create project to purchase four intercity buses. CMAQ funds were transferred from project TIP ID 2016-012, which was backfilled with local RTD funds. Add \$867,000 of federal CMAQ funds in FY2016 and \$642,000 in FY2017.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Infield Regional Detention and Water Quality Pond**

Project Type: **Other Enhancement Projects**

TIP-ID: **2016-064**

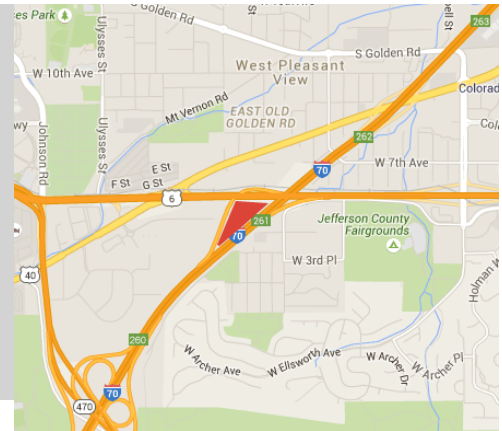
STIP-ID:

Open to Public:

Sponsor: **CDOT Region 1**

## Project Scope

CDOT Region 1 will construct Regional Water Quality Detention Pond in Golden near I-70 and US-6.



Affected Municipality(ies)	Affected County(ies)
Golden	Jefferson

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (R P P)		\$175	\$0	\$0	\$0	\$0		
Local		\$702	\$0	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$877</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$877</b>

Date	Status	Description
09/21/2015	Amended	Create new project to build a storm water detention and water quality pond for statewide mitigation. Add \$175,000 of state Regional Priority Project funds and \$702,000 of local funds.

# 2016-2021 Transportation Improvement Program (Approved TIP)



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

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	Rural (SRC Evergreen) Admin/Ops Support	\$202	Via Mobility Services	Admin/Ops (Rural Services)	\$333			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (5311)		\$535	\$0	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$107	\$0	\$0	\$0	\$0		
<b>Total</b>	\$0	\$642	\$0	\$0	\$0	\$0	\$0	\$642

Date	Status	Description
11/15/2016	Proposed	Add \$535,000 of federal 5311 funds and \$107,000 in local match in FY 2017 to two existing pool projects. Adjust pool project names to reflect adding FY 2017 funding. Total project funding increases.
09/21/2015	Amended	Create new pool for CDOT selected non-urbanized area transit projects funded with federal 5311 funds.



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **RoadX Pool**

Project Type: **Roadway Operational Improvements**

TIP-ID: **2016-066**

STIP-ID:

Open to Public:

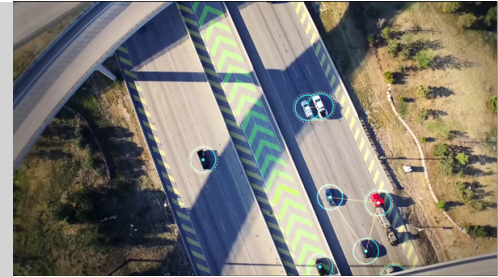
Sponsor: **CDOT**

## Project Scope

Pool will contain projects designed to improve operations, maintenance and safety of the highway system by utilizing the latest technology.

Projects include:

- I-25 Managed Motorway, which will enhance ramp meters to improve traffic flow on I-25
- I-70 Connected Vehicles, which will utilize Dedicated Short-Range Communications and cell phone technology to improve data collection, allowing better informed and more timely delivery of ITS and other roadway management alternatives.



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)
I-25 Managed Motorway Pilot	Ridgegate to Broadway	\$7,600	I-70 Connected Vehicles Pilot	Summit County to C-470	\$11,200			

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (TCC)		\$5,300	\$5,300	\$5,300	\$2,900	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>		\$0	\$5,300	\$5,300	\$5,300	\$2,900	\$0	\$18,800

Date	Status	Description
03/17/2016	Amended	Create new "RoadX Pool." Add \$5,300,000 of state TC - Contingency funds in FY2016, \$5,300,000 in FY2017, \$5,300,000 in FY2018 and \$2,900,000 in FY2019. Add the following projects and corresponding amounts to the pools; I-25 Managed Motorway Pilot: Ridgegate to Broadway for \$7,600,000 and I-70 Connected Vehicles Pilot: Summit County to C-470 for \$11,200,000.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **6th Avenue Parkway Extension**

Project Type: **Roadway Capacity**

TIP-ID: **2016-067**

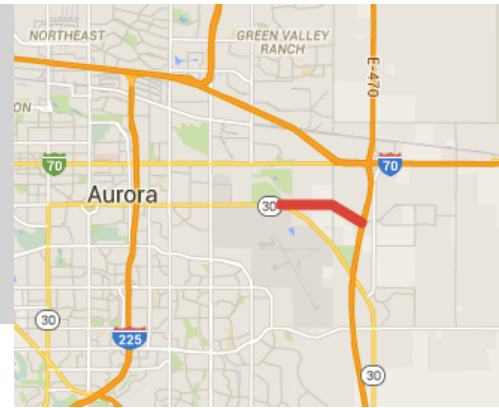
STIP-ID:

Open to Public:

Sponsor: **Aurora**

## Project Scope

This project consists of completing environmental, design and ROW for the ultimate construction of a two lane, two mile extension of 6th Avenue Parkway beginning .9 miles east of the intersection of SH-30/6th Ave and Tower Road and ending at the intersection of 6th Avenue Parkway and Valda St.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Aurora	Arapahoe	Year	Phase
		2016	Initiate Environmental
		2016	Initiate Design
		2016	Initiate ROW

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 (Local)		\$1,700	\$5,700	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$1,700</b>	<b>\$5,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,400</b>

Date	Status	Description
04/19/2016	Amended	Create a new project to fund preconstruction work for the extension of 6th Avenue Parkway. Add \$1,700,000 of local funds in FY2016 and \$5,700,000 of local funds in FY2017.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **City of Boulder Quiet Zones**

Project Type: **Safety**

TIP-ID: **2016-068**

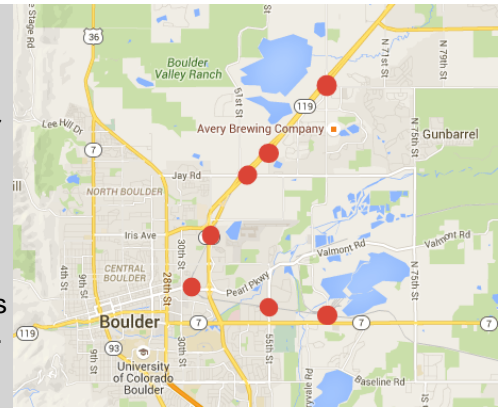
STIP-ID:

Open to Public: **2019**

Sponsor: **Boulder**

## Project Scope

The project implements railroad crossing Quiet Zone improvements along the Burlington Northern Santa Fe (BNSF) railroad corridor to address train horn noise. There are a total of nine crossings, five within the City of Boulder and four adjacent to the city. Work includes updating the city's Quiet Zone plan as needed to reflect any changes in federal Quiet Zone requirements and cost estimates since 2014, public outreach, design, field diagnostic review, Federal Railroad Administration (FRA) and Colorado Public Utilities Commission (PUC) application and approval processes, as well as construction of the necessary improvements to achieve quiet zone status for selected crossings. The crossings will be evaluated and prioritized based on feasibility, estimated benefit, and cost. Selected crossings will be implemented within the identified budget and a phasing plan developed for any remaining crossings.



Affected County(ies)	Project Phases
Boulder	<b>Year</b> <b>Phase</b>
	2017    Initiate Design
	2018    Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$0	\$528	\$528	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$132	\$132	\$0	\$0		
<b>Total</b>		\$0	\$0	\$660	\$660	\$0	\$0	\$1,320

Date	Status	Description
07/21/2016	Amended	Create new project using funds from TIPID 2012-010 Second Commitment to FasTracks Northwest Corridor funding.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Boulder County Quiet Zones**

Project Type: **Safety**

TIP-ID: **2016-069**

STIP-ID:

Open to Public: **2019**

Sponsor: **Boulder County**

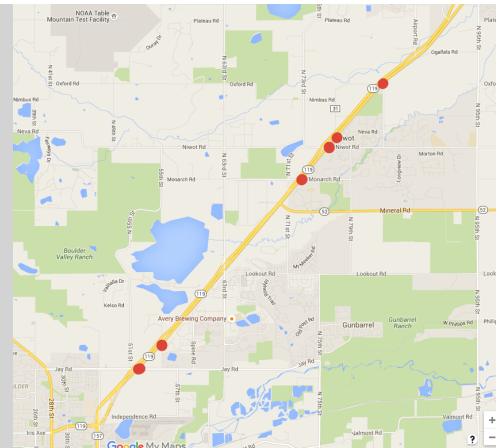
## Project Scope

The project constructs Quiet Zone improvements identified in the RTD NW Rail EIS on crossings adjacent to SH119 along the BNSF line in unincorporated Boulder County between the city of Boulder and Longmont. Project elements include design, PUC approval, construction of quiet zone improvements on selected crossings, as well as submission of a written Notice of Quiet Zone Establishment. The crossings will be selected based on feasibility, estimated benefit, and cost, with high priority crossings implemented within the identified budget.

Local funds will study the locations to prioritize locations, identify necessary improvements, develop cost estimates, and conduct field diagnostic reviews in advance of this project.

Establishments of quiet zones along this stretch may include the following improvements:

- Raised medians / Channelization devices
- Flashing lights
- Constant Warning Time (CWT) Circuitry and bungalow
- Gates with 4-Quad gate system
- MUTCD compliant warning signs
- Median flashers
- Detached sidewalk
- Railroad crossing surface replacement



Affected County(ies)	Project Phases
Boulder	<b>Year</b> <b>Phase</b>
	2017    Initiate Design
	2018    Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$0	\$136	\$1,253	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$34	\$313	\$0	\$0		
<b>Total</b>	\$0	\$0	\$170	\$1,566	\$0	\$0	\$0	\$1,736

Date	Status	Description
07/21/2016	Amended	Create new project using TIPID 2012-010 Second Commitment to FasTracks Northwest Corridor funding.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Longmont Rail Road Bridge Replacement**

Project Type: **Safety**

TIP-ID: **2016-070**

STIP-ID:

Open to Public: **2020**

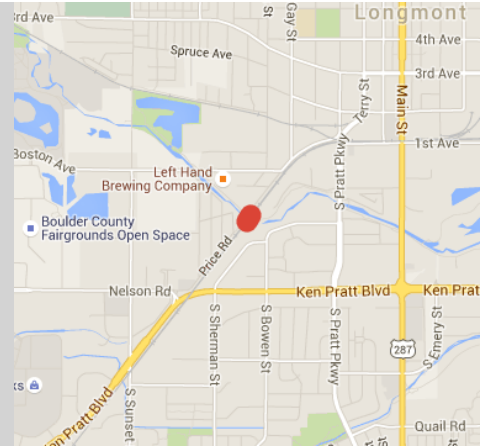
Sponsor: **Longmont**

## 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	<table border="1"> <thead> <tr> <th>Year</th> <th>Phase</th> </tr> </thead> <tbody> <tr> <td>2019</td> <td>Initiate Construction</td> </tr> </tbody> </table>	Year	Phase	2019	Initiate Construction
Year	Phase					
2019	Initiate Construction					

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$0	\$0	\$0	\$1,056	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$100	\$100	\$1,744	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$0</b>	<b>\$100</b>	<b>\$100</b>	<b>\$2,800</b>	<b>\$0</b>	<b>\$3,000</b>

Date	Status	Description
07/21/2016	Amended	Create new project using TIPID 2012-010 Second Commitment to FasTracks Northwest Corridor funding.

# 2016-2021 Transportation Improvement Program (Approved TIP)

Title: **Louisville-Lafayette Quiet Zones**

Project Type: **Safety**

TIP-ID: **2016-071**

STIP-ID:

Open to Public: **2019**

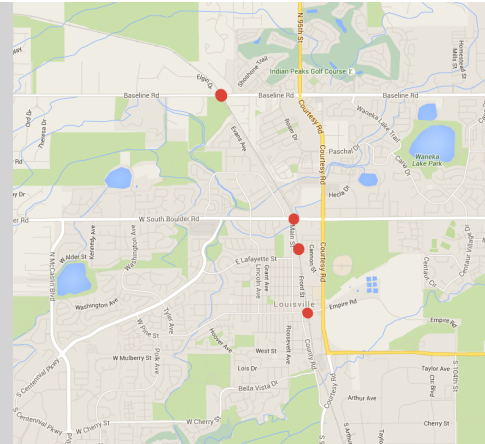
Sponsor: **Louisville**

## Project Scope

The project completes Quiet Zone establishment from Baseline Rd. in Lafayette to Pine St. in Louisville on the BNSF line, and includes improvements at 4 highway rail grade crossings including Baseline Rd., South Boulder Rd., Griffith St. and Pine St. Establishment of quiet zones along this stretch may include the following improvements:

- Raised medians
- Flashing lights
- Constant Warning Time (CWT) Circuitry and bungalow
- 4-Quad gate system
- Gates
- Channelization devices
- MUTCD compliant warning signs
- Median flashers
- Detached sidewalk
- Railroad crossing surface panels

Additionally, work will include design, field diagnostic review, PUC application and approval as well as construction of the necessary improvements to achieve quiet zone status along this stretch of the BNSF line.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Louisville	Boulder	<b>Year</b>	<b>Phase</b>
Lyons		2017	Initiate Design
		2018	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$0	\$226	\$1,330	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$57	\$333	\$0	\$0		
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$283</b>	<b>\$1,663</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,946</b>

Date	Status	Description
07/21/2016	Amended	Create new project from funds transferred from TIPID 2012-010 Second Commitment to FasTracks Northwest Corridor.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Greyhound Bus Facility Study**

Project Type: **Roadway/Transit Studies**

TIP-ID: **2016-072**

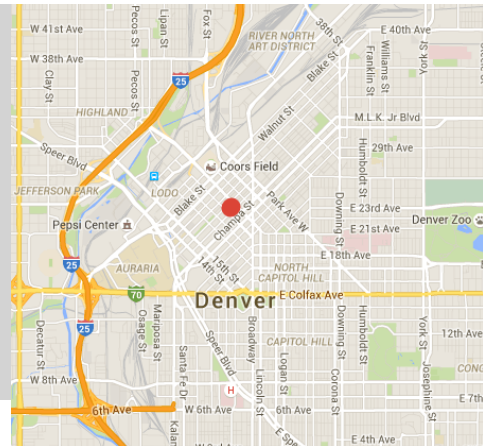
STIP-ID:

Open to Public:

Sponsor: **CDOT**

## Project Scope

Identify and define the feasibility and need for a bus facility in downtown Denver to meet the needs of regional and intercity bus services and determine the appropriateness of Greyhound's Denver Bus Center to serve in that capacity.



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		
State (Faster-T)		\$72	\$0	\$0	\$0	\$0		
Local		\$18	\$0	\$0	\$0	\$0		
<b>Total</b>		<b>\$90</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$90</b>

Date	Status	Description
07/21/2016	Amended	Create new project.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **19th Street Trail and Bridge: Boulder Creek Trail to CU Main Campus** Project Type: **Bicycle and Pedestrian Projects (New)**

TIP-ID: **2016-073**

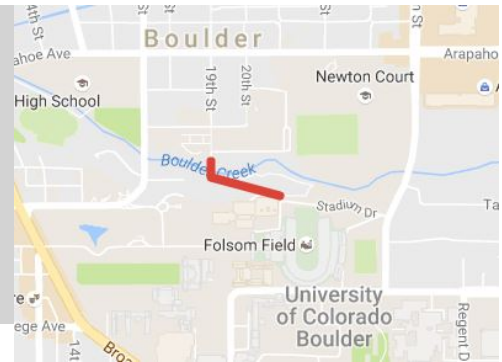
STIP-ID:

Open to Public: **2020**

Sponsor: **University of Colorado-Boulder**

## Project Scope

Construct a new 10' bike/ped bridge at 19th St and new 10' ADA compliant bike/ped trail from the bridge up the hillside to connect the City of Boulder to the University of Colorado campus.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Boulder	Boulder	Year	Phase
		2017	Initiate Environmental
		2017	Initiate Design
		2018	Initiate ROW
		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$0	\$420	\$498	\$3,880	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$105	\$125	\$970	\$0		
<b>Total</b>		\$0	\$0	\$525	\$623	\$4,850	\$0	\$5,998

Date	Status	Description
09/22/2016	Amended	Adopted into the 2016-2021 TIP from the waitlist.



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **SH-157/Foothills Pkwy Bike/Ped Underpass: north and south of Colorado Ave**

Project Type: **Bicycle and Pedestrian Projects (Upgrade/Reconstruct)**

TIP-ID: **2016-074**

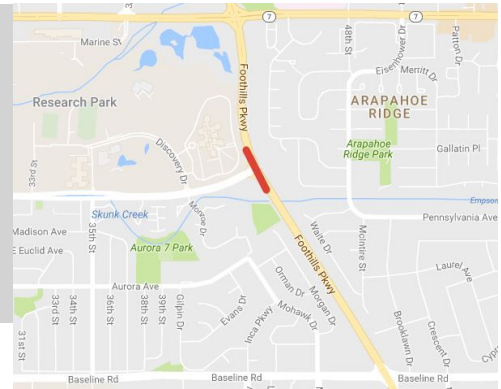
STIP-ID:

Open to Public: **2020**

Sponsor: **Boulder**

## Project Scope

This project will construct a bike/ped underpass providing a grade separated crossing of Foothills Pkwy/SH-157 near Colorado Ave, meeting AASHTO and ADA design guidelines. The project will provide wayfinding/signage features, 20 bicycle parking spaces, and connections to existing bicycle and pedestrian facilities on either side of the crossing.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Boulder	Boulder	<b>Year</b>	<b>Phase</b>
		2017	Initiate Environmental
		2018	Initiate Design
		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$0	\$400	\$160	\$2,640	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$100	\$40	\$660	\$0		
<b>Total</b>	\$0	\$0	\$500	\$200	\$3,300	\$0	\$0	\$4,000

Date	Status	Description
09/22/2016	Amended	Adopted into the 2016-2021 TIP from the waitlist.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Southwest Longmont Subarea Operations Study**

Project Type: **Roadway/Transit Studies**

TIP-ID: **2016-075**

STIP-ID:

Open to Public:

Sponsor: **Longmont**

## Project Scope

The study will look at the operational improvements of three major intersections (Ken Pratt/Hover, Ken Pratt/Nelson, and Nelson/Hover), as well as the operations of the three corridors in this subarea. Planning-level costs and design for the three corridors and intersections for future construction projects will be developed, as well as incorporating future BRT along Ken Pratt Blvd/SH-119, in the next 10 years.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Longmont	Boulder	<b>Year</b>	<b>Phase</b>
		2017	Initiate Study

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$0	\$300	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$75	\$0	\$0	\$0		
<b>Total</b>	\$0	\$0	\$375	\$0	\$0	\$0	\$0	\$375

Date	Status	Description
09/22/2016	Amended	Adopted into the 2016-2021 TIP from waitlist.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **US-85: Blakeland Dr to County Line Rd Operational Improvements**

Project Type: **Roadway Operational Improvements**

TIP-ID: **2016-076**

STIP-ID:

Open to Public: **2020**

Sponsor: **Douglas County**

## Project Scope

This project will widen Santa Fe Dr (US-85) from 4 to 6 thru lanes from Blakeland Dr to approximately 1,200 ft north of the intersection with County Line Rd. Features include:

- 1) Intersection improvements, including adding or improving left turn lanes, auxiliary lanes, and traffic signals, where warranted,
- 2) Reconstructing and/or repaving existing lanes, where feasible,
- 3) Replacing the existing US-85 bridge over C-470, including shoulders,
- 4) New and improved signal interconnection and ITS infrastructure,
- 5) A bike/ped multi-use trail along the east side of US-85 from Blakeland Dr to the C-470 trail,
- 6) Grade separating the C-470 trail under US-85,
- 7) A bike/ped bridge over C-470 along US-85, and bike counters; and
- 8) Transit stop enhancements including bus pads, shelters, benches, sidewalk connections, and landscaped medians.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Unincorporated	Douglas	<b>Year</b>	<b>Phase</b>
		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$0	\$0	\$0	\$11,273	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$18,727	\$0		
<b>Total</b>		\$0	\$0	\$0	\$0	\$30,000	\$0	\$30,000

Date	Status	Description
09/22/2016	Amended	Adopted into the 2016-2021 TIP from waitlist.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **South Platte Greenway Access Sidewalk Improvements: Iowa Ave RR Underpass and Santa Fe Dr** Project Type: **Bicycle and Pedestrian Projects (Upgrade/Reconstruct)**

TIP-ID: **2016-077**

STIP-ID:

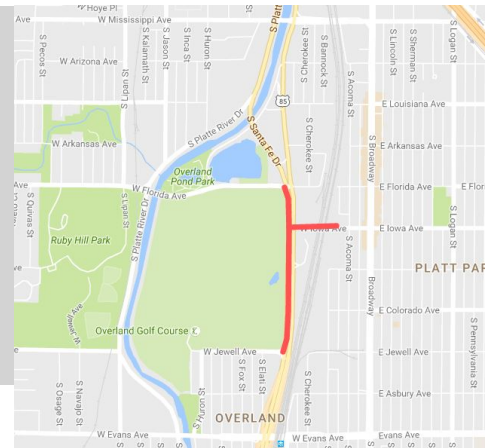
Open to Public: **2020**

Sponsor: **Denver**

## Project Scope

This project will reconstruct the sidewalk along Iowa Ave from Bannock St to Santa Fe Dr (excludes the sidewalk underneath the railroad bridge), and the west side of Santa Fe Dr from Florida Ave to Jewell Ave. Improvements include:

- 1) Removing the existing stairs and replace them with a ramp with a 5-percent slope along Iowa Ave,
- 2) Constructing a queuing area at the Santa Fe Dr/Iowa Ave intersection to provide adequate waiting space, meet grade needs, and provide pedestrian/bicycle signal improvements,
- 3) Upgrading the sidewalk along Santa Fe Dr from 8 to 10-ft, including a 5-ft buffer; and
- 4) Way finding signage and 20 bicycle racks.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Denver	Denver	<b>Year</b>	<b>Phase</b>
		2017	Initiate Design
		2018	Initiate ROW
		2019	Initiate Construction

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$0	\$493	\$342	\$343	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$495	\$863	\$864	\$0		
<b>Total</b>		\$0	\$0	\$988	\$1,205	\$1,207	\$0	\$3,400

Date	Status	Description
09/22/2016	Amended	Adopted into the 2016-2021 TIP from the waitlist.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **US-85 Corridor Improvements: I-76 to 124th Ave**

Project Type: **Roadway Operational Improvements**

TIP-ID: **2016-078**

STIP-ID:

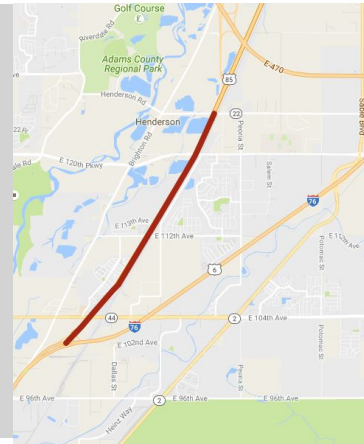
Open to Public:

Sponsor: **CDOT Region 1**

## Project Scope

US-85 corridor operational improvements between I-76 and 124th Ave.

Current funding is for pre-construction activities, including ROW, environmental, and design.



Affected Municipality(ies)	Affected County(ies)
Brighton Commerce City	Adams

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (TCC)		\$0	\$15,000	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>		<b>\$0</b>	<b>\$0</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,000</b>

Date	Status	Description
09/22/2016	Amended	Create new project.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **88th Ave NEPA Study: I-76 to Hwy 2**

Project Type: **Roadway/Transit Studies**

TIP-ID: **2016-079**

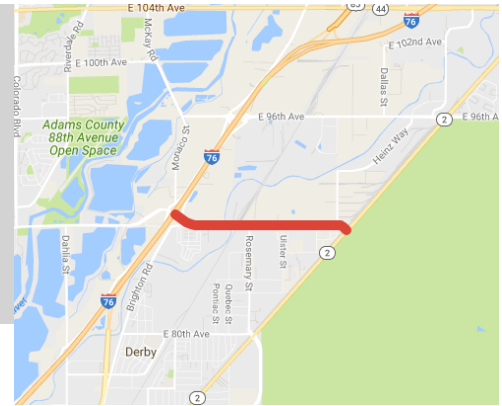
STIP-ID:

Open to Public:

Sponsor: **Commerce City**

## Project Scope

A NEPA study will be performed to determine the environmental effects of the proposed roadway project on 88th Ave, from NB I-76 Ramp to Highway 2.



Affected Municipality(ies)	Affected County(ies)	Project Phases	
Commerce City Unincorporated	Adams	<b>Year</b>	<b>Phase</b>
		2017	Initiate Study

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (STP-M)		\$0	\$150	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$100	\$0	\$0	\$0		
<b>Total</b>	\$0	\$0	\$250	\$0	\$0	\$0	\$0	\$250

Date	Status	Description
09/22/2016	Amended	Adopted into the 2016-2021 TIP from the waitlist.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **I-25 S PEL: Monument to C-470**

Project Type: **Roadway/Transit Studies**

TIP-ID: **2016-080**

STIP-ID:

Open to Public:

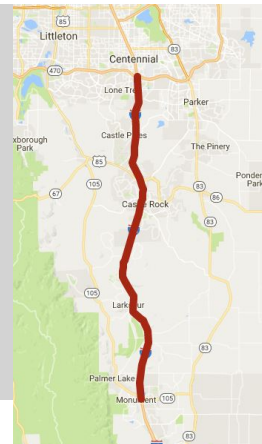
Sponsor: **CDOT Region 1**

## Project Scope

Conduct PEL and preconstruction activities on I-25 between Monument and C-470.

Affected County(ies)

Douglas



Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (R P P)		\$0	\$1,500	\$0	\$0	\$0		
State (RMP)		\$0	\$3,750	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
<b>Total</b>	\$0	\$0	\$5,250	\$0	\$0	\$0	\$0	\$5,250

Date	Status	Description
09/22/2016	Amended	Transfer this pool project from the CDOT Region 1 RPP Pool (2016-057) to create a new stand-alone project. Add \$1,500,000 of state RPP funding (transferred from 2016-057) and \$3,750,000 of new state RAMP funding in FY 2017. Increase total project cost.

# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Veteran's Park Water Quality Project**

Project Type: **Other Enhancement Projects**

TIP-ID: **2016-081**

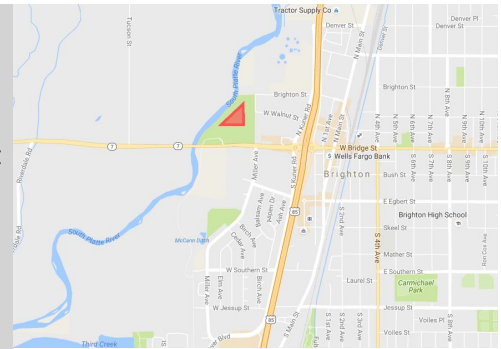
STIP-ID:

Open to Public:

Sponsor: **CDOT Region 1**

## Project Scope

This project will include design and construction of a water quality pond located on approximately 0.7 acres of City property. The pond will be designed to release the water quality capture volume for the tributary basins over an extended amount of time. The scope will include design, construction, easement acquisition, and final survey.



Affected Municipality(ies)	Affected County(ies)
Brighton	Adams

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (Water Qlty)		\$0	\$422	\$0	\$0	\$0		
Local		\$0	\$88	\$0	\$0	\$0		
<b>Total</b>		\$0	\$510	\$0	\$0	\$0	\$0	\$510

Date	Status	Description
11/17/2016	Amended	Add \$422,000 of state Permanent Water Quality (PWQ) funds in FY 2017, and \$88,000 of local funds in FY 2017.



# 2016-2021 Transportation Improvement Program (Approved TIP)



Title: **Colfax Corridor Connections (3C) TOD Implementation Plan**

Project Type: **Station Area/Urban Center Studies**

TIP-ID: **2016-082**

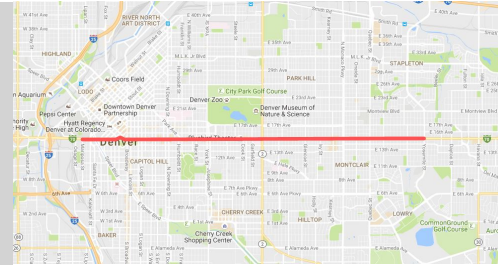
STIP-ID:

Open to Public:

Sponsor: **R T D**

## Project Scope

TOD Planning effort for Colfax BRT Corridor from Mariposa St. to Yosemite St. Plan includes four key components: 1) Develop TOD strategies; 2) Create affordable housing strategy; 3) Develop small business retention and development strategy; 4) Develop comprehensive financing plan.



Affected County(ies)

Denver

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (5309-TOD)		\$0	\$1,350	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$0	\$450	\$0	\$0	\$0		
<b>Total</b>	\$0	\$0	\$1,800	\$0	\$0	\$0	\$0	\$1,800

Date	Status	Description
11/17/2016	Amended	Add \$1,350,000 of federal 5309-TOD funds and \$450,000 of local funds in FY 2017.