

To: TIP Notification List

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

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

Date: May 20, 2015

#### SUMMARY

- Per the [Policy on Transportation Improvement Program \(TIP\) Preparation](#), administrative modifications are reviewed and processed by staff. They are emailed to the TIP Notification List, and posted on the [DRCOG 2016-2021 TIP web page](#).
- The TIP Notification List includes the members of the Denver Regional Council of Governments (DRCOG) Regional Transportation Committee and Transportation Advisory Committee, TIP project sponsors, staffs of various federal and state agencies and other interested parties. The notification via e-mail is sent when administrative modifications have been made to the 2016-2021 TIP. If you wish to be removed from the TIP Notification List, please contact Will Soper at (303) 480-6760 or via e-mail at [wsoper@drcog.org](mailto:wsoper@drcog.org).
- Administrative modifications represent minor changes to TIP projects not defined as “regionally significant changes” for air quality conformity findings or per CDOT definition. For more information on the TIP modification policy, visit the [DRCOG 2016-2021 TIP web page](#).
- Projects amended through this set of administrative modifications are listed below. The attached describes each modification.

#### AMENDED PROJECTS

- 2007-075 : Region 1 Traffic Signals Pool
- 2007-078 : Region 1 Bridge On-System Pool
- 2008-076 : Region 1 FASTER Pool
- 2008-105 : Region 1 FASTER Transit Pool
- 2016-036 : Parker Rd Sidewalk Connection: Plaza Dr to Sulphur Gulch Trail
- 2016-040 : Gun Club Rd and Quincy Ave Operational Improvements
- 2016-038 : High Line Canal Trail Underpass at Hampden and Colorado
- 2016-033 : Superior Trail: McCaslin BRT Station to Coal Creek

**2007-075:** Add projects to pool**Existing**Title: **Region 1 Traffic Signals Pool**Project Type: **Safety**TIP-ID: **2007-075**STIP-ID: **SR16684**

Open to Public:

Sponsor: **CDOT Region 1****Project Scope**

CDOT Region 1 Traffic Signal Pool.

## Affected County(ies)

Adams  
Arapahoe  
Broomfield  
Denver  
Douglas  
Jefferson



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		
Total	\$2,341	\$1,050	\$6,650	\$5,000	\$0	\$0	\$0	\$15,041

**Revised**

Facility Name	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)
SH-224 (E 74th Ave)	at Dahlia St	\$350	SH-287 (W 120th Ave)	at Greenway Dr/Lamar St	\$350	SH-287	at W 10th Ave	\$350
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		
Total	\$2,341	\$1,050	\$6,650	\$5,000	\$0	\$0	\$0	\$15,041

**2007-078:** Adjust pool project names and amount**Existing**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 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)
I-70 Bridge Replacement	@Havana	\$1,800	I-70 WB to I-225 SB Flyover		\$3,695	I-70 and I-25		\$5,894
BNSF Replacement Study	SH-265	\$250	I-70 WB Deck Rehab	US-40 to DITCH	\$330	State Highway Repairs		\$750
SH-105 Bridge Removal Study	DRAW	\$250	US-40 Deck Rehab/Replacement	Beaver Brook	\$100	US Highway Repairs		\$750
Ramp to I-25 NB Pedestrian Overpass Removal Study		\$250	I-70 and I-270 Repairs		\$1,500	I-76 Repairs		\$1,500
SH-95 Fiber Wrap		\$2,000	I-25 Repairs		\$1,500	I-25	County Line Rd to Bellevue	\$727
US-40	US-6 to Beaver Brook	\$241	I-70 Bridge Replacement	Havana St	\$1,400	I-225	I-25 to Parker Rd	\$63
US-6	I-70 to SH-119	\$498	Santa Fe	Florida to I-25	\$56	I-25 T-Rex Narrows		\$5,396
I-76	96th to US-85	\$280	6th Ave	Potomac to Airport	\$263	I-70 and I-25		\$5,381
Colfax	I-70 to Kipling	\$31	C-470	Morrison to Bowles	\$3,508	I-70/I-25 Ramps		\$10,336
Sheridan	Hampden to Arizona	\$178	I-25	Hampden to Evans	\$25	Essential Culvert Repairs (FY16)		\$2,085
Federal	92nd to 120th	\$327	US-85	Hampden to Florida	\$3,328	Essential Culvert Repairs (FY17)		\$2,689
University	Arapahoe to Hampden	\$845	US-85	I-76 to 136th	\$92	Essential Culvert Repairs (FY18)		\$2,689
Douglas County Scour Repairs		\$2,207	I-25/I-70/I-76		\$4,110			

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	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
Total	\$0	\$14,692	\$15,920	\$9,472	\$0	\$0	\$0	\$40,084

## Revised

Facility Name	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)
I-70 Bridge Replacement	@Havana St (FY17)	\$800	I-70 WB to I-225 SB Flyover		\$3,695	I-70 and I-25		\$5,894
BNSF Replacement Study	SH-265	\$250	I-70 WB Deck Rehab	US-40 to DITCH	\$330	State Highway Repairs		\$750
SH-105 Bridge Removal Study	DRAW	\$250	US-40 Deck Rehab/Replacement	Beaver Brook	\$100	US Highway Repairs		\$750
Ramp to I-25 NB Pedestrian Overpass Removal Study		\$250	I-70 and I-270 Repairs		\$1,500	I-76 Repairs		\$1,500
SH-95 Fiber Wrap		\$2,000	I-25 Repairs		\$1,500	I-25	County Line Rd to Bellevue	\$727
US-40	US-6 to Beaver Brook	\$241	I-70 Bridge Replacement	@Havana St (FY16)	\$1,400	I-225	I-25 to Parker Rd	\$63
US-6	I-70 to SH-119	\$498	Santa Fe	Florida to I-25	\$56	I-25 T-Rex Narrows		\$5,396
I-76	96th to US-85	\$280	6th Ave	Potomac to Airport	\$263	I-70 and I-25		\$5,381
Colfax	I-70 to Kipling	\$31	C-470	Morrison to Bowles	\$3,508	I-70/I-25 Ramps		\$10,336
Sheridan	Hampden to Arizona	\$178	I-25	Hampden to Evans	\$25	Essential Culvert Repairs (FY16)		\$2,085
Federal	92nd to 120th	\$327	US-85	Hampden to Florida	\$3,328	Essential Culvert Repairs (FY17)		\$2,669
University	Arapahoe to Hampden	\$845	US-85	I-76 to 138th	\$92	Essential Culvert Repairs (FY18)		\$2,669
Douglas County Scour Repairs		\$2,207	I-25/I-70/I-76		\$4,110			

**2008-076:** Add funding to one pool project**Existing**Title: **Region 1 FASTER Pool**Project Type: **Safety**TIP-ID: **2008-076**STIP-ID: **SR17002**

Open to Public:

Sponsor: **CDOT Region 1****Project Scope**

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

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

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

Facility Name	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)
I-76 and C-470 Cable Barrier		\$1,224	SH-95 Intersection Improvements	64th Ave	\$851	High Line Canal Trail Underpass	Parker/Mississippi	\$3,201
I-70 PPSL		\$3,000	SH-121/72nd Ave	Right turn accel lanes	\$961	Cable Median Barrier	104th to 168th Ave	\$2,000
C-470 Path Separations		\$1,572	SH-121 Intersection Improvements	Waterton Rd	\$2,050	US-85 and Kuner Rd Barrier Replacement	Bromley to Bridge	\$560
I-70 at 32nd Ave and C-470	Chain Station Lighting	\$594	SH-177 Sidewalks	Mineral Ave to Orchard Rd	\$521	Founders Pkwy Intersection Reconstruct	Crowfoot Valley Rd	\$1,602
SH-391	Jefferson County Schools Access	\$570	I-70/US-6	Chain station lighting improvements	\$1,000	Wadsworth TOD left turn protection	Girton, Eastman and Yale	\$200
SH-2 Traffic Signal Upgrades		\$440	I-76 Curve Reconstruction and Lane Balancing	US-85	\$6,150	Region 1 TSM Study Outcomes		\$5,000
SH-75 and Mineral Ave	Curb ramp and B/P crossing improvements	\$200	I-76 Roundabouts at ramp terminals	Bromley Ln	\$2,164	FASTER Safety Design		\$4,000

Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal		\$0	\$0	\$0	\$0	\$0		
State (Faster-S)		\$20,724	\$2,424	\$17,869	\$19,869	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
Total	\$86,453	\$20,724	\$2,424	\$17,869	\$19,869	\$0	\$0	\$147,339

**Revised**

Facility Name	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)
I-76 and C-470 Cable Barrier		\$1,224	SH-95 Intersection Improvements	64th Ave	\$851	High Line Canal Trail Underpass	Parker/Mississippi	\$3,201
I-70 PPSL		\$3,000	SH-121/72nd Ave	Right turn accel lanes	\$961	Cable Median Barrier	104th to 168th Ave	\$2,000
C-470 Path Separations		\$1,572	SH-121 Intersection Improvements	Waterton Rd	\$2,050	US-85 and Kuner Rd Barrier Replacement	Bromley to Bridge	\$700
I-70 at 32nd Ave and C-470	Chain Station Lighting	\$594	SH-177 Sidewalks	Mineral Ave to Orchard Rd	\$521	Founders Pkwy Intersection Reconstruct	Crowfoot Valley Rd	\$1,602
SH-391	Jefferson County Schools Access	\$570	I-70/US-6	Chain station lighting improvements	\$1,000	Wadsworth TOD left turn protection	Girton, Eastman and Yale	\$200
SH-2 Traffic Signal Upgrades		\$440	I-76 Curve Reconstruction and Lane Balancing	US-85	\$6,150	Region 1 TSM Study Outcomes		\$5,000
SH-75 and Mineral Ave	Curb ramp and B/P crossing improvements	\$200	I-76 Roundabouts at ramp terminals	Bromley Ln	\$2,164	FASTER Safety Design		\$4,000

**2008-105:** Remove pool projects funded in previous TIP, and add funding and two new projects to the pool

## Existing

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  
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)
Seniors Resource Center	purchase vehicles (FY12)	\$26	Seniors Resource Center	Evergreen Vehicle Purchase (FY14)	\$26	Superior/Louisville	DDI Transit Improvements	\$484
RTD	US-285/Pine Junction park-n-Ride (FY12)	\$980	Arvada	Olde Towne Arvada Bus Transfer phase 2	\$1,339	Thornton	SH 7 at I-25 Carpool Lot	\$522
Castle Rock	Senior Center Shuttle Bus Replacement (FY13)	\$50	RTD	Civic Center Station Phase II	\$505	RTD	Church Ranch P-n-R Boarding Platforms Relocation	\$1,266
Seniors Resource Center	"Fix it First" Improvements to Evergreen Transit Facility (FY13)	\$41	Seniors Resource Center	Vehicle Replacements - SRC Urban and A-Lift	\$48			
Douglas County Transit Solutions	To the Rescue (TTR) Transit (FY14)	\$227	RTD	Thornton Park-n-Ride Expansion	\$997			
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		
Total	\$8,493	\$0	\$0	\$0	\$0	\$0	\$0	\$8,493

## Revised

Facility Name	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)	Facility Name (Cont)	Start-At and End-At	Cost (1,000s)
RTD	East Colfax/15L Transit Enhancements Project	\$770	RTD	Speer Blvd Light Rail Crossing Repair and Replacement	\$470			
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)		\$1,240	\$0	\$0	\$0	\$0		
Local		\$0	\$0	\$0	\$0	\$0		
Total	\$8,493	\$1,240	\$0	\$0	\$0	\$0	\$0	\$9,733

**2016-036:** Move all federal funding to FY2018 and add additional local funding. Sponsor will be using the federal funds for construction only

## Existing

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

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

TIP-ID: **2016-036**

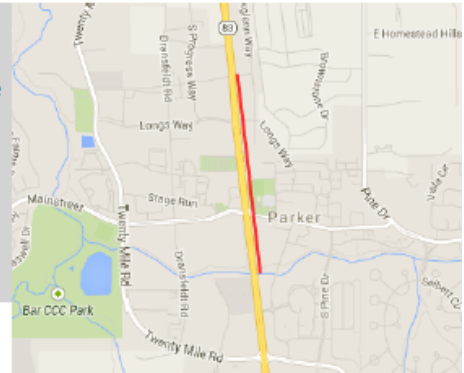
STIP-ID:

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	Year	Phase
		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 (CMAQ)		\$72	\$72	\$360	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$24	\$24	\$120	\$0	\$0		
Total	\$0	\$96	\$96	\$480	\$0	\$0	\$0	\$672

## Revised

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		
Total	\$0	\$50	\$50	\$630	\$0	\$0	\$0	\$730



**2016-040: Adjust local funds to match sponsor's original TIP project request****Existing**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)**

Aurora

Unincorporated

**Affected County(ies)**

Arapahoe

**Project Phases****Year****Phase**

2016

Initiate Design

2017

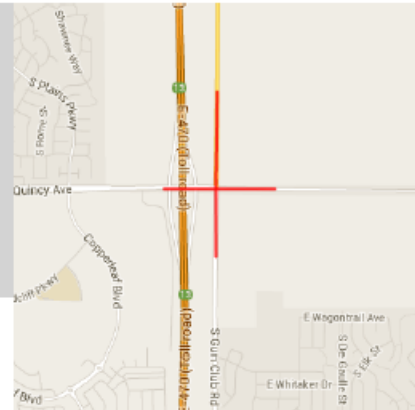
Initiate Environmental

2018

Initiate ROW

2019

Initiate Construction



Amounts in \$1,000s	Prior Funding	FY16	FY17	FY18	FY19	FY20-21	Future Funding	Total Funding
Federal (CMAQ)		\$500	\$500	\$1,000	\$2,892	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$500	\$500	\$1,000	\$6,475	\$0		
Total	\$0	\$1,000	\$1,000	\$2,000	\$9,367	\$0	\$0	\$13,367

**Revised**

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		
Total	\$0	\$1,000	\$1,500	\$3,000	\$7,200	\$0	\$0	\$12,700



**2016-033:** Move all funding to FY2016 per sponsor's request**Existing**Title: **Superior Trail: McCaslin BRT Station to Coal Creek**Project Type: **Bicycle and Pedestrian Projects (New)**TIP-ID: **2016-033**

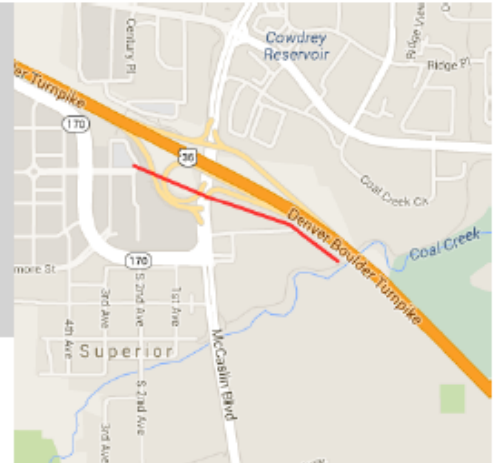
STIP-ID:

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	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 (TAP)		\$280	\$320	\$0	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$70	\$80	\$0	\$0	\$0		
Total	\$0	\$350	\$400	\$0	\$0	\$0	\$0	\$750

**Revised**

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

**2016-038:** Move funds from FY2016 to FY2017 in order to maintain fiscal constraint (the action would offset the modification to TIP ID 2016-033)

## Existing

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

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

TIP-ID: **2016-038**

STIP-ID:

Open to Public: **2019**

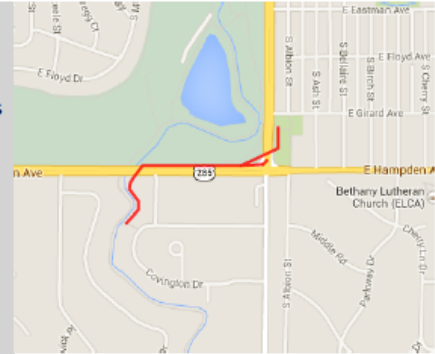
Sponsor: **Cherry Hills Village**

### Project Scope

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

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

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



Affected Municipality(ies)	Affected County(ies)	Project Phases						
Cherry Hills Village	Arapahoe	Year	Phase					
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)		\$1,500	\$1,300	\$1,250	\$0	\$0		
State		\$0	\$0	\$0	\$0	\$0		
Local		\$500	\$350	\$500	\$0	\$0		
Total	\$0	\$2,000	\$1,650	\$1,750	\$0	\$0	\$0	\$5,400

## Revised

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		
Total	\$0	\$1,951	\$1,699	\$1,750	\$0	\$0	\$0	\$5,400