



**Maryland Department of Transportation**  
**The Secretary's Office**

**Larry Hogan**  
 Governor

**Boyd K. Rutherford**  
 Lt. Governor

**Pete K. Rahn**  
 Secretary

June 28, 2017

Mr. Gregory Murrill  
 Division Administrator  
 Attn: Dr. Kwame Arhin  
 Federal Highway Administration  
 10 South Howard Street  
 Suite 2450  
 Baltimore MD 21201

Ms. Terry Garcia Crews  
 Regional Administrator  
 Attn: Mr. Ryan Long  
 Federal Transit Administration  
 1760 Market Street, Suite 500  
 Philadelphia PA 19103

Dear Mr. Murrill and Ms. Crews:

The Maryland Department of Transportation (MDOT) hereby amends the Fiscal Year (FY) 2017 Maryland Statewide Transportation Improvement Program (STIP) to reflect the following amendment that adds a highway project to the Baltimore Regional Transportation Board's (BRTB) 2017 – 2020 Baltimore Region Transportation Improvement Program (TIP). The TIP has been amended to add a highway repaving and water main replacement project in Baltimore County.

The BRTB approved the amendment to its TIP on June 27, 2017. The MDOT has assigned Control #17-49 for this amendment to the STIP.

The MDOT is requesting this amendment on behalf of the State Highway Administration (SHA). The approval and supporting documentation are attached.

<b>Project Name</b>	<b>STIP #</b>	<b>TIP #</b>	<b>Funding Source</b>	<b>FY17-20 Net Federal Change (000)</b>
MD 45: Padonia Road to Wight Avenue	63-1707-11	63-1707-11	NHPP	\$2,736

Mr. Gregory Murrill  
Ms. Terry Garcia Crews  
Page Two

The Maryland Statewide Transportation Improvement Program continues to be fiscally constrained.

Should you have additional questions or concerns, please contact Mr. Chris Witt at 410-865-1279 or via e-mail at [cwitt@mdot.state.md.us](mailto:cwitt@mdot.state.md.us). Mr. Witt will be happy to assist you.

Sincerely,



Tyson Byrne  
Regional Planning Manager  
Office of Planning and Capital Programming

Attachment

cc: Mr. Chris Witt, Regional Planner, OPCP, MDOT

# Baltimore Metropolitan Council



Offices @ McHenry Row  
1500 Whetstone Way, Suite 300  
Baltimore, MD 21230-4767

Telephone: (410) 732-0500  
Fax: (410) 732-8248  
www.baltometro.org

Anne Arundel County  
Baltimore City  
Baltimore County  
Carroll County  
Harford County  
Howard County

June 27, 2017

Ms. Heather Murphy  
Office of Planning & Capital Programming  
**Attn: Mr. Chris Witt**  
Maryland Department of Transportation  
7201 Corporate Center Drive  
Hanover, MD 21076-1415

Dear Ms. Murphy:

Enclosed is an amendment to the *2017 – 2020 Baltimore Region Transportation Improvement Program (TIP)* as approved by the Baltimore Regional Transportation Board (BRTB) on June 27, 2017. The State Highway Administration is requesting to add the MD 45: Padonia Road to Wight Avenue project to the TIP utilizing federal NHPP funds along with state and Baltimore County funds. The project will replace a 24-inch water main and resurface the roadway.

The amendment underwent a publicized 30-day public review from May 9, 2017 to June 9, 2017 with a public meeting on June 7. No comments were received on this project. The Interagency Consultation Group has determined that the project is exempt from the requirement to determine conformity according to the Conformity Rule.

SHA affirmed that fiscal constraint for their program of projects remains intact.

Pursuant to the prescribed TIP amendment process, the BRTB approved Resolution #17-25 to support changes to the *2017-2020 TIP* for this project.

If you have any questions, please feel free to call me.

Sincerely,



Todd R. Lang, Director  
Transportation Planning

Enclosures

cc: Mr. Ted Yurek, State Highway Administration  
Ms. Tara Penders, State Highway Administration

**BALTIMORE METROPOLITAN PLANNING ORGANIZATION**

**BALTIMORE REGIONAL TRANSPORTATION BOARD  
RESOLUTION #17-25**

**AMENDMENT TO THE 2017 – 2020 BALTIMORE REGION  
TRANSPORTATION IMPROVEMENT PROGRAM**

**WHEREAS**, the Baltimore Regional Transportation Board is the designated Metropolitan Planning Organization for the Baltimore region, encompassing the Baltimore Urbanized Area, and includes official representatives of the cities of Annapolis and Baltimore, the counties of Anne Arundel, Baltimore, Carroll, Harford, Howard, and Queen Anne’s as well as representatives of the Maryland Department of Transportation, the Maryland Department of the Environment, the Maryland Department of Planning, the Maryland Transit Administration, and Harford Transit; and

**WHEREAS**, the Baltimore Regional Transportation Board, as the Metropolitan Planning Organization for the Baltimore region, approved the 2017-2020 Transportation Improvement Program for the Baltimore region at its July 26, 2016 meeting, with federal approval on September 26, 2016; and

**WHEREAS**, federal regulations require that all transportation-related projects must be listed in the approved Transportation Improvement Program with accurate funding schedules in order to be eligible for federal funding; and

**WHEREAS**, the Transportation Improvement Program consists of projects included in, and in support of, the region's long-range transportation plan and ongoing short-range planning efforts; and

**WHEREAS**, the Maryland Department of Transportation on the behalf of the State Highway Administration has requested approval of an amendment to the 2017-2020 Transportation Improvement Program through the approved Transportation Improvement Program amendment process; and

**WHEREAS**, the State Highway Administration is requesting to add the MD 45: Padonia Road to Wight Avenue project to the 2017-2020 TIP (see attachment). The project will replace a 24-inch water main and resurface the roadway within the project limits; and

**WHEREAS**, the Transportation Improvement Program, as amended, continues to display financial reasonableness and re-affirms the appropriate project selection criteria whereby all requirements for a Transportation Improvement Program in the Fixing America’s Surface Transportation Act are met; and

**WHEREAS**, the Interagency Consultation Group has determined that this project is exempt according to the Conformity Rule (40 CFR Parts 51 and 93); and

**WHEREAS**, the proposed Transportation Improvement Program amendment was publicized for a 30-day review from Wednesday, May 9 through Friday, June 9 with a public meeting on Wednesday, June 7 at BMC. No comments were received on this project.

**NOW, THEREFORE, BE IT RESOLVED** that the Baltimore Regional Transportation Board, as the Metropolitan Planning Organization for the Baltimore region, approves the attached amendment to the 2017-2020 Transportation Improvement Program for the Baltimore region and finds it to conform to the applicable Maryland State Implementation Plan and requirements of the 1990 Clean Air Act Amendments.

**I HEREBY CERTIFY** that the Baltimore Regional Transportation Board as the Metropolitan Planning Organization for the Baltimore region approved the aforementioned resolution on June 27, 2017.

6-27-17

Date



Clive R. Graham, Chairman  
Baltimore Regional Transportation Board

### MD 45: Padonia Rd to Wight Ave

<b>TIP ID</b>	63-1707-11	<b>Year of Operation</b>	2018
<b>Agency</b>	SHA - Baltimore County	<b>Project Type</b>	Road resurfacing/rehabilitation
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Other Principal Arterial
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	2.55 miles
<b>CIP or CTP ID(s)</b>	BA5381	<b>Est. Total Cost</b>	\$17,369,000

**Description:**

This project will replace a 24-inch water main and resurface the roadway within the project limits. The project also includes: reconstructing sidewalks, ramps, curbs and driveways; constructing drainage improvements, replacing damaged inlets and cleaning existing storm drains; installing new signage; and, upgrading intersection signal systems. Baltimore County is contributing \$13.2 million for the utility replacement. NHPP matching funds are state funding.

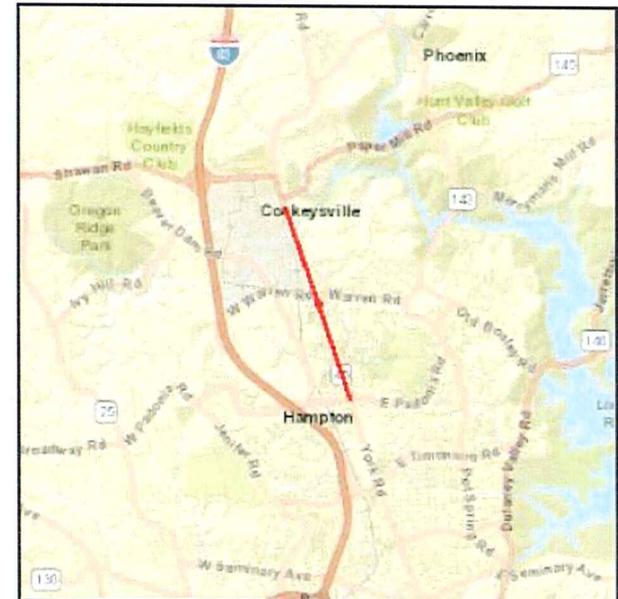
**Justification:**

This project will provide significant improvements to the roadway and will render aging drainage, sidewalk, and utility infrastructure in good repair. The intersection signal upgrades will improve safety, capacity and operations.

**Amendment:** This amendment adds the project to the TIP utilizing federal NHPP funds along with state and Baltimore County matching funds. Federal NHPP funds are added in the amount of \$2.736 million along with \$1.192 million in state matching funds. Baltimore County is contributing \$13.2 million for water utility replacement. The total project cost is \$17.369 million. The amendment is necessary due to higher water utility replacement costs. The total project cost now exceeds the \$10 million cost threshold for system preservation projects and a separate TIP project sheet is required as a result.

**Connection to Long-Range Transportation Planning Goals:**

- 1.B Improve System Safety -- Apply safety-related management and operations techniques.
- 2.A Improve and Maintain the Existing Infrastructure -- Improve the condition of roadway systems (pavement, bridges, tunnels).
- 2.F Improve and Maintain the Existing Infrastructure -- Improve the condition of pedestrian and bicycle facilities.





**MD 45: Padonia Rd to Wight Ave**

(Funding in Thousands)

**National Highway Performance Program (National Highway System, Interstate Maintenance, Bridge (on-System))** -NEW

Phase	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$2,736	\$771	\$0	\$0	\$0	\$0	\$3,507
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PE	\$0	\$421	\$0	\$0	\$0	\$0	\$0	\$0	\$421
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$421</b>	<b>\$2,736</b>	<b>\$771</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,928</b>

**Other** -NEW

Phase	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$0	\$0	\$0	\$13,200	\$0	\$0	\$0	\$0	\$13,200
PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,200</b>
<b>Total</b>	<b>\$0</b>	<b>\$421</b>	<b>\$2,736</b>	<b>\$13,971</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$17,128</b>



**Maryland Department of Transportation**  
The Secretary's Office

**Larry Hogan**  
Governor

**Boyd K. Rutherford**  
Lt. Governor

**Pete K. Rahn**  
Secretary

May 3, 2017

Mr. Todd R. Lang  
Transportation Planning Director  
ATTN: Mr. Zach Kaufman  
Offices @ McHenry Row  
1500 Whetstone Way, Suite 300  
Baltimore Maryland 21230

Dear Mr. Lang:

The Maryland Department of Transportation (MDOT) on behalf of the Maryland State Highway Administration (SHA) is requesting an Amendment to the FY 2017-2020 Baltimore Region Transportation Improvement Program (TIP). The purpose of this amendment is to add a new project, MD 45, Utility Replacement and Resurfacing. A description of the amendment is below:

- **MD 45, Utility Replacement and Resurfacing (63-1707-11)** – to add \$17,128 million in funding for construction, including \$2.736 million in federal funds and \$14.392 million in state and local funds.

Details of the amendment can be found on the attached SHA request memorandum and TIP sheets. SHA and MDOT assure that these changes do not adversely affect the fiscal constraint of the TIP.

If you have questions or need additional information, please contact Chris Witt, Office of Planning and Capital Programming (OPCP) Regional Planner at 410-865-1279 or via email at [cwitt@mdot.state.md.us](mailto:cwitt@mdot.state.md.us). Mr. Witt will be happy to assist you.

Sincerely,

A handwritten signature in blue ink that reads "Tyson Byrne".

Mr. Tyson Byrne, Regional Planning Manager  
Office of Planning and Capital Programming

Attachment

cc: Mr. Chris Witt, Regional Planner, OPCP, MDOT

My telephone number is \_\_\_\_\_  
Toll Free Number 1-888-713-1414 TTY Users Call Via MD Relay  
7201 Corporate Center Drive, Hanover, Maryland 21076

Larry Hogan, **Governor**  
Boyd K. Rutherford, **Lt. Governor**



Pete K. Rahn, **Secretary**  
Gregory Slater, **Administrator**

**STATE HIGHWAY  
ADMINISTRATION**

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**MEMORANDUM**

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**TO:** DIRECTOR HEATHER MURPHY  
**ATTN:** REGIONAL PLANNER CHRIS WITT  
**FROM:** CHIEF ERIC BECKETT *TIP FOR EB*  
**SUBJECT:** REQUEST TO AMEND THE FY 2017-2020 BALTIMORE REGIONAL  
TRANSPORTATION BOARD (BRTB) TRANSPORTATION IMPROVEMENT  
PROGRAM (TIP)

**DATE:** MAY 03, 2017  
**RESPONSE**  
**REQUESTED BY:** N/A

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**PURPOSE OF MEMORANDUM**

To request the Maryland Department of Transportation (MDOT), Office of Planning and Capital Programming, approve and forward to BRTB for its approval the following TIP amendment:

- MD 45, Utility Replacement and Resurfacing, Padonia Road to Wight Avenue, Baltimore County

**SUMMARY**

We are requesting an amendment to the FY 2017 – 2020 Transportation Improvement Program (TIP) to add the MD 45, Padonia Road to Wight Avenue, project.

**ANALYSIS**

We are requesting an amendment to the FY 2017 – 2020 TIP to add the MD 45 project, from just south of Padonia Road to Wight Avenue, TIP Reference #63-1707-11. We are requesting federal funding of \$2,736,000 for construction including resurfacing and ADA compliance upgrades. MDOT is contributing \$662,000 for preliminary engineering, which started prior to the current TIP, and \$771,000 for construction. Baltimore County is contributing \$13.2 million for the replacement of existing water pipes. The attached TIP and STIP reports include the FY 2017-2020 funding flows for this new TIP project.

The TIP continues to be fiscally constrained. Funds have been made available due to an increase in federal funding and unused funds from other de-obligated or inactive projects. The cost does not affect the portion of the federal funding, which was programmed for transit, or any allocations of state aid in lieu of federal aid to local jurisdictions.

If you have any questions, please contact myself or Ms. Tara Penders, MDOT SHA Regional Planner, at 410-545-8941 or via email at [TPenders@sha.state.md.us](mailto:TPenders@sha.state.md.us).

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**Maryland Department of Transportation  
State Highway Administration**

707 North Calvert St., Baltimore, MD 21202  
410.545.0300 | TTY 800.735.2258 | [roads.maryland.gov](http://roads.maryland.gov)  
My telephone number/toll-free number is [410.545.5675](tel:410.545.5675)/[1.888.204.4828](tel:1.888.204.4828)

**ATTACHMENTS**

- FY 2017 - 2020 BRTB TIP project #63-1707-11 report
- FY 2017 – 2020 Maryland STIP project #63-1707-11, MC# 17-01 9/26/2016, report

cc: Mr. Edward Bokman, Acting Assistant District 4 Engineer – Program Development, MDOT SHA  
Mr. Tyson Byrne, Manager, Office of Planning and Capital Programming, MDOT  
Ms. Tara Penders, Assistant Chief, Regional and Intermodal Planning Division, MDOT SHA  
C. Scott Pomento, P.E., Director, Office of Planning and Preliminary Engineering, MDOT SHA  
Sutapa Samanta, P.E., District 4 Project Engineer, MDOT SHA  
Mr. Jerry Smith, Assistant Regional Planner, MDOT SHA  
Mr. John Thomas, Deputy Director, Office of Planning and Preliminary Planning, MDOT SHA  
Mr. Wendy Walcott, District 4 Engineer, MDOT SHA  
Mr. Ted Yurek, Regional Planner, MDOT SHA

2017 – 2020 Transportation Improvement Program

SHA

Highway Preservation

*MD 45, North of Padonia Road to Wight Avenue*

<b>TIP Id #</b>	63-1707-11	<b>Year of Operation</b>	2018
<b>Agency</b>	State Highway Administration	<b>Project Type</b>	Road Resurfacing/Rehabilitation
<b>Project Category</b>	Highway Preservation	<b>Functional Class</b>	Other Principal Arterial
<b>Conformity Status</b>	Exempt	<b>Physical Data</b>	4 to 4 lanes, 2.55 miles
<b>CIP/CTP Page#</b>	BA5381	<b>Estimated Total Cost</b>	\$17,128,000

Description	Justification
<p>The purpose of this project is to replace a 24-inch water main, resurfacing, and safety improvements along this section of MD 45. The project includes reconstructing sidewalk ramps, sidewalks, driveways, and curbs for ADA compliancy, drainage improvements at MD 45D (Sherwood Road) and MD 45C (Railroad Avenue), upgrading W-beam traffic barriers and end treatments, reconstructing and replacing damaged inlets and installing concrete collars, cleaning existing storm drain inlet and pipe, signing and pavement marking, and intersection signal modifications and upgrades.</p> <p>Baltimore County is contributing \$13,200,000 for the utility replacements.</p>	<p>This project will provide significant improvements to the roadway, sidewalk and drainage infrastructure along MD 45. The intersection signal improvements will improve safety, capacity, and operations.</p>

**Fund Source: Federal – NHPP/ State Matching**

											Project Totals
Phase	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	Estimated Project Total
CON			\$2,736	\$771							\$3,507
OTH											\$0
PE		\$421									\$421
PP											\$0
ROW											\$0
<b>Totals</b>	<b>\$0</b>	<b>\$421</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$3,928</b>

**Fund Source: Other (Baltimore County)**

											Project Totals
Phase	FY 2017 Federal Funds	FY 2017 Matching Funds	FY 2018 Federal Funds	FY 2018 Matching Funds	FY 2019 Federal Funds	FY 2019 Matching Funds	FY 2020 Federal Funds	FY 2020 Matching Funds	FY 2021 Federal Funds	FY 2021 Matching Funds	Estimated Project Total
CON											\$0
OTH			\$13,200								\$13,200
PE											\$0
PP											\$0
ROW											\$0
<b>Totals</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$13,200</b>

## MARYLAND STATEWIDE TIP FY 2017-2020

MDOT STIP # (S) TIP # 63-1707-11, MC# 17-01, 9/26/2016												
SUMMARY TABLE												
Project	Amendment Criteria	Conformity Status	Environmental Status	Current Funding Level (000s)								
				Federal	State/Local	Total						
MD 45, Padonia Road to Wight Avenue Resurface and Utility Replacement	A	Exempt		\$ -	\$ -	\$ -						
	Administration SHA	Area/MPO BMC	CTP Page SHA-HO-3 FY 2017	\$ 2,736	\$ 14,392	\$ 17,128						
Description: The project replaces a 24 inch water main, resurfaces and constructs safety improvements within the 2.55 mile limits including: ADA compliant sidewalks, ramps, curbs and driveways, drainage improvements, and signage and signal upgrades.												
Justification: This project will upgrade aging infrastructure to a state of good repair.												
INDIVIDUAL PROJECT DATA												
STIP/TIP Amendment Criteria		Funding										
<input checked="" type="checkbox"/> A) Adds new individual projects to the current STIP <input type="checkbox"/> B) Increase/decrease, scope change, advance, delay, or phase change <input type="checkbox"/> C) Removes or deletes individual listed project from the STIP  		Current (000s)	Total	FY 2017	FY 2018	FY 2019	FY 2020	Total				
		Federal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
		State/Local	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
		Proposed (000s)	Total	\$ 421	\$ 16,707	\$ -	\$ -	\$ -	\$ 17,128			
		Federal	\$ -	\$ 2,736	\$ -	\$ -	\$ -	\$ 2,736	\$ 2,736			
		State/Local	\$ 421	\$ 13,971	\$ -	\$ -	\$ -	\$ 14,392	\$ 14,392			
Change (000s)	Total	\$ 421	\$ 16,707	\$ -	\$ -	\$ -	\$ 17,128					
Federal	\$ -	\$ 2,736	\$ -	\$ -	\$ -	\$ -	\$ 2,736					
State/Local	\$ 421	\$ 13,971	\$ -	\$ -	\$ -	\$ -	\$ 14,392					
PHASE DETAIL												
Current		FY 2017		FY 2018		FY 2019		FY 2020		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP												
PE	NHFP											
RW	State											
CO	State											
Other												
Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Proposed		FY 2017		FY 2018		FY 2019		FY 2020		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE			\$ 421								\$ 421	\$ 421
RW												
CO	NHFP			\$ 2,736	\$ 13,971							
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ -	\$ 421	\$ 2,736	\$ 13,971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,392	\$ 17,128
Change		FY 2017		FY 2018		FY 2019		FY 2020		TOTAL		
Phase	Funding	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Federal	State/Local	Total
PP		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PE		\$ -	\$ 421	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 421	\$ 421
RW		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CO		\$ -	\$ -	\$ 2,736	\$ 13,971	\$ -	\$ -	\$ -	\$ -	\$ 2,736	\$ 13,971	\$ 16,707
Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ -	\$ 421	\$ 2,736	\$ 13,971	\$ -	\$ -	\$ -	\$ -	\$ 2,736	\$ 14,392	\$ 17,128
TOTAL PROJECT COST												
Prior Cost (<= FY 2016)		STIP Cost (FY 2017-2020)		Balance to Complete (>= FY 2021)		Total Project Cost						
\$ 241		\$ 17,128		\$ -		\$ 17,369						