



Metro

600 NE Grand Ave.
Portland, OR 97232-2736

Memo

Date: Friday, December 13, 2019

To: Gabriela Garcia
 ODOT Region 1 STIP Coordinator
 123 NW Flanders St
 Portland, OR 97201

From: Ken Lobeck, Funding Programs Lead, 503-797-1785

Subject: December 2019 Bundle #1 MTIP Administrative Modification, #AB20-04-DEC1
 Approval Request

Dear Gabriela:

In accordance with 23 CFR 450.328, Metro is submitting a Metro approved administrative modification bundle for ODOT review and approval for STIP inclusion. The December 2019 Administrative Modification #1 is under amendment number AB20-04-DEC1 and contains four total projects as shown below.

Proposed December 2019 Administrative Modification Bundle #1 Modification Number: AB20-04-DEC1 Total Number of Projects: 4				
ODOT Key	Lead Agency	Project Name	Description	Required Changes
Project #1 Key 20374	Beaverton	Systemic Signals and Illumination (Beaverton)	Safety projects at various locations. Work may include illumination; intersection work; bike and pedestrian improvements; ADA upgrades; signal work; signs; warnings; striping; medians; utility relocation; and other safety improvements.	FUND PHASE TRANSFER: Shift \$343,849 from Construction phase to PE to address PE phase shortfall. Project site locations #7 and #112H deleted from scope as well to keep project within authorized funding and budget.
Project #2 Key 19280	Happy Valley	SE 129th Avenue - Bike Lane and Sidewalk Project	The project will build a sidewalk and add bike lanes along SE 129th Avenue.	MINOR CORRECTION The admin md updates the project funding composition based on a 100% TAP federal obligation for ROW. The total project cost remains unchanged at \$4,476,472
Project #3 Key 20595	Metro	Portland Metro Planning SFY 2020	Portland Metro MPO planning funds for Federal fiscal year 2019. Projects will be selected in the future through the MPO process.	FUND SWAP: Key 20509 functions as project grouping bucket for numerous Metro led planning studies which consist of the annual UPWP. One of the locally funded projects is now being federalized to work in parallel with another approved study
Project #4 Key 19289	Metro	Transportation System Management & Operations (TSMO) Program 2018	The Transportation System Management & Operations (TSMO) program coordinates both the planning and implementation of the regions system management and operations strategies to enhance multi-modal mobility for people and goods.	COST INCREASE AND SLIP: \$136,899 of STBG is added increasing the authorized STBG to \$600k. The Other phase is slipped to 2021

I certify Metro has completed all required review and approval steps as the MPO and IAW with 23 CFR 450.328 for the 2018 MTIP for this administrative modification bundle. A project narrative and support materials as applicable are also included.

Please direct any comments or questions concerning this amendment to Ken Lobeck, Funding Programs Lead at 503-797-1785, or via email at ken.lobeck@oregonmetro.gov.

Thank you for your time to review Metro's December 2019 Bundle #1, 2018 MTIP Administrative Modification approval request to the 2018 MTIP and STIP.

Kenneth F Lobeck

Kenneth F. Lobeck
Funding Programs Lead
Metro
600 NE Grand Avenue
Portland, OR 97232

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A

Number of projects within this amendment: **4 total**

Project Narratives



Proposed December 2019 Administrative Modification Bundle #1

Modification Number: AB20-04-DEC1

Total Number of Projects: 4

ODOT Key	Lead Agency	Project Name	Description	Required Changes
Project #1 Key 20374	Beaverton	Systemic Signals and Illumination (Beaverton)	Safety projects at various locations. Work may include illumination; intersection work; bike and pedestrian improvements; ADA upgrades; signal work; signs; warnings; striping; medians; utility relocation; and other safety improvements.	FUND PHASE TRANSFER: Shift \$343,849 from Construction phase to PE to address PE phase shortfall. Project site locations #7 and #112H deleted from scope as well to keep project within authorized funding and budget.
Project #2 Key 19280	Happy Valley	SE 129th Avenue - Bike Lane and Sidewalk Project	The project will build a sidewalk and add bike lanes along SE 129th Avenue.	MINOR CORRECTION The admin md updates the project funding composition based on a 100% TAP federal obligation for ROW. The total project cost remains unchanged at \$4,476,472
Project #3 Key 20595	Metro	Portland Metro Planning SFY 2020	Portland Metro MPO planning funds for Federal fiscal year 2019. Projects will be selected in the future through the MPO process.	FUND SWAP: Key 20509 functions as project grouping bucket for numerous Metro led planning studies which consist of the annual UPWP. One of the locally funded projects is now being federalized to work in parallel with another approved study
Project #4 Key 19289	Metro	Transportation System Management & Operations (TSMO) Program 2018	The Transportation System Management & Operations (TSMO) program coordinates both the planning and implementation of the regions system management and operations strategies to enhance multi-modal mobility for people and goods.	COST INCREASE AND SLIP: \$136,899 of STBG is added increasing the authorized STBG to \$600k. The Other phase is slipped to 2021

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A

Number of projects within this amendment: **4 total**

Project Narratives



Project Summary (#1)

ODOT Key:	20374	MTIP ID: 70956
Project Type:	Existing	Completion Date: 12/31//2022
Name:	Systemic Signals and Illumination (Beaverton)	
Lead Agency:	Beaverton	
Description:	<p>Safety projects at various locations. Work may include illumination; intersection work; bike and pedestrian improvements; ADA upgrades; signal work; signs; warnings; striping; medians; utility relocation; and other safety improvements. Replace with --> Install safety and illumination improvements at site location #225H, SW Hall Blvd/SW Nimbus Ave intersection</p>	
Amending:	<p><u>FUND PHASE TRANSFER:</u> Shift \$343k from Construction phase to PE to backfill PE shortfall. Cons phase adjusted with sit location removals to keep project cost within authorized budget</p>	

Project Details

- Modify MTIP Short Description to indicate that only site location 225H remains for the project grouping bucket. Strike existing short description:
~~Safety projects at various locations. Work may include illumination; intersection work; bike and pedestrian improvements; ADA upgrades; signal work; signs; warnings; striping; medians; utility relocation; and other safety improvements.~~ Replace with --> **Install safety and illumination improvements at site location #225H, SW Hall Blvd/SW Nimbus Ave intersection (ARTS PGB)**
- ADD MTIP Detailed Description as follows based on revised site locations for project:
 Remaining Site location is #225H at SW Hall Blvd/SW Nimbus Ave intersection and includes: (1) Request LED upgrades from PGE. (2) Install new mast arm poles with reflective backplates and illumination on NE and SW corners. (3) Install left turn signal heads on new mast poles for both northbound and southbound traffic. (4) Install not-ped overlap feature for left-turn phasing. (5) Upgrade ADA

Administrative Amendment

Justification

Minor technical corrections such as fund swaps that do not impact fiscal constraint can occur as an Administrative Modification

The total project cost remains unchanged at \$2,071,600

MTIP Description updates reflect adjustment to the ODOT ARTS project grouping bucket

Project Funding

Preliminary Engineering (PE) Phase:

- INCREASE federal ADVCON fun type code (ACP0) FY 2019 PE phase cost from 309,767 to \$626,865
- INCREASE Local fund type (match to ADVCON) FY 2019 PE phase cost from \$26,133 to \$53,884
- Total PE phase programming amount increases from \$335,900 to \$679,749

Funding Change Details

Amendment submission items:

- ✓ STIP Summary Report
- ✓ STIP Impacts Worksheet
- ✓ PGB Construction phase update

The Admin Mod shifts \$343,849 from construction phase to PE to address a PE funding shortfall. The project scope is being reduced to fit budget. Consultant fees came in much higher than originally anticipated resulting in EP phase cost

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A

Number of projects within this amendment: **4 total**

Project Narratives



Construction Phase:

- DECREASE federal ADVCON fund type code (ACP0) FY 2021 Construction phase cost from \$1,342,447 to \$1,025,349
- DECREASE Local fund type code (match to ADVCON) FY 2021 Construction phase cost from \$113,253 to \$86,502
- Total Construction phase programming amount decreases from \$1,455,700 to \$1,111,851
- Total project programming remains unchanged at \$2,071,600

increases. After evaluating each location based on the benefit cost (B/C), ODOT & Beaverton have decided to delete the following scope elements:

- At ARTS ID #7 (Allen Blvd):
- Delete illumination work at all intersections
 - Delete work related to adaptive signals due to existing equipment already in use
 - Delete protected left turns at Western

- At ARTS ID #112H (Hall Blvd at Cedar Hills Blvd):
- Delete standalone illumination pole on the NE corner

At #225H (SW Hall Blvd/SW Nimbus Ave intersection remains as the scope component to the project.

The scope adjustment negates the need to backfill the construction phase funding reduction as well.

MTIP Review & Certification Details

- **Administrative Modification Authorized: Yes.** The fund shift represents a minor correction and no change in the total project cost occurs. Since the project is exempt and a PGB, scope adjustments are also authorized via Administrative Modification
- **Metro Legislation Required: No**
- **MTIP Eligibility Verification: Yes**
 - Includes federal transportation funds: **Yes**
 - Located on the Metro roadway network: **Yes**, the project is located on a Major arterial in the Metro Motor Vehicle modeling network
 - Provides transportation system improvement: **Yes**
- **Considered a Regionally Significant Project: Yes** – project has federal funds and is located on system
- **Fiscal Constraint Review and Verification: Yes.**
- **RTP Consistency Review: Yes**
 - **In Current RTP: Yes.** Project ID 12095 - Road Operations , Maintenance and Preservation - Safety and Operations Projects
 - **Description:** Projects to improve safety or operational efficiencies such as pedestrian crossings of arterial roads, railroad crossing repairs, slide and rock fall protections, illumination, signals and signal operations systems that do not add motor vehicle capacity.
 - **RTP and MTIP Costs Consistent: Yes.**
- **Considered Included in ODOT O&M RTP Project Grouping: Yes**
 - Bridge Rehabilitate & Repair
 - Culvert Replacement & Repair
 - Highway Pavement Maintenance

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A
 Number of projects within this amendment: **4 total**



Project Narratives

o **Safety and Operations Project**

- **Project located on the National Highway System (NHS): No**
- **Capacity Enhancing Project: No:** The project is a non-capacity enhancing, exempt project per CFR 93.126, Table 2 – Safety - Projects that correct, improve, or eliminate a hazardous location or feature.
- **Satisfies 2018 RTP Goals and Strategies: Yes.** Goal #5 – Safety and Security
 - o **Objective 5.1 – Transportation Safety**
 - o **Description:** Eliminate fatal and severe injury crashes for all modes of travel.
- **MPO Responsibilities/Public Notification included: No** Administrative Modifications are not subject to the 30 –day Public Notification/Opportunity to comment process.
- **OTC action required: No.** OTC approval was not required for this Administrative Modification
- **JPACT & Metro Council action required: No.** JPACT and Metro Council approval were not required for this Administrative Modification

AGENCY	ARTS PROGRAM ID#	Project Name	Project Scope	PE FFY	PE	RW FFY	RW	CN FFY	CN	OTHER	PE	ROW	OTHER	CMR-01		Revised Scope (CMR)
														Construction	Total	
City of Beaverton	7	Allen Blvd. Murray Blvd to Western Ave	Install illumination, reflectorized backplates, and coordinated adaptive signal timing of urban traffic signals at Murray, Clifton, Oak Hill, Lombard, Alger, Clif-217, and Western. Replace urban permissive or protected/permissive left turns to protected (all Western only)	2019	\$210,200	2020	\$0	2021	\$779,700	\$0	\$260,200	\$0	\$0	\$484,700	\$744,900	<ul style="list-style-type: none"> • Delete illumination work at intersections. • Delete work related to add signals due to existing signal already in use • Delete protected left turn flashes.
City of Beaverton	229H	SW Hill Blvd at SW Nimbus Ave	Frequent LED upgrades from POE, install new mast arm poles with reflective backplates and illumination on NE and SW corners, install left turn signal heads on new mast poles for both northbound and southbound traffic, install not-past overlap feature for left-turn phasing, Upgrade ADA.	2019	\$40,800	2020	\$17,500	2021	\$820,800	\$0	\$40,800	\$17,500	\$245,000	\$820,800	\$823,900	No change
City of Beaverton	112H	SW Hill Blvd at SW Cedar Hills Blvd	Install new illumination pole on NE corner, install new mast arm pole on NW corner with reflective backplates, illumination, and 4 signal heads, Upgrade ADA on NW corner	2019	\$36,100.00	2020	\$17,500.00	2021	\$450,200.00	\$0.00	\$36,100.00	\$17,500	\$0.00	\$450,200.00	\$602,800	Delete standalone illumination on the NE corner
					\$285,900		\$35,000		\$1,750,700		\$335,900	\$35,000	\$245,000	\$1,455,700	\$2,071,600	REVISED TOTAL

AGENCY	HS or APP #	Benefit	Mid Items	Cont %	PE %	CE %	Cost (Mid Items + contingency)	PE \$\$	Ad/1/1 30% Outsource PE	CE \$\$	Ad/1/1 35% Outsource CE	Staging Cost	Local Agency Overhead	OOOT Overight of EA Deferred Projects	Agency Match
Beaverton	7	\$	9,415,280 \$	501,640 (5%)	25%	15%	\$877,214	\$149,504	\$50,791	\$101,582	\$35,554	\$987,894	\$0	\$0	\$76,900
Beaverton	112	\$	1,096,480 \$	281,125 (26%)	8%	25%	\$337,350	\$26,988	\$8,096	\$84,338	\$29,518	\$867	\$0	\$0	\$41,400
Beaverton	225	\$	2,579,200 \$	\$25,126 (10%)	8%	25%	\$390,151	\$31,212	\$9,364	\$97,538	\$34,138	\$579,903	\$0	\$0	\$45,100

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A

Number of projects within this amendment: **4 total**

Project Narratives



Metro		Metro		Administrative Modification				
2018-21 Metropolitan Transportation Improvement Program (MTIP)		2018-21 Metropolitan Transportation Improvement Program (MTIP)		FUND PHASE TRANSFER				
PROJECT AMENDMENT DETAIL WORKSHEET		PROJECT AMENDMENT DETAIL WORKSHEET		2nd Amendment to Project				
Lead Agency: Beaverton	Project Type: O&M	ODOT Key:	20374	MTIP ID:	70956			
Project Name: Systemic Signals and Illumination (Beaverton)	ODOT Type: Safety	Status:	4	RTP ID:	12095			
Project Status: 4 = (PS&E) Planning Specifications, & Estimates (final design 30%, 60%, 90% design activities initiated).	Capacity Enhancing: No	RFFA ID:	N/A	RFFA Cycle:	N/A			
Short Description: Safety projects at various locations. Work may include illumination; intersection work; bike and pedestrian improvements; ADA upgrades; signal work; signs; warnings; striping; medians; utility relocation; and other safety improvements. Replace with --> Install safety and illumination improvements at site location #225H, SW Hall Blvd/SW Nimbus Ave intersection (ARTS PGB)	Conformity Exempt: Yes	UPWP:	No	UPWP Cycle:	N/A			
	On State Hwy Sys: No	Past Amend:	1	OTC Approval:	No			
	Mile Post Begin: N/A							
	Mile Post End: N/A							
	Length: N/A							
	1st Year Program'd: 2019							
	Years Active: 2							
Detailed Description: ADD --> Remaining Site location is #225H at SW Hall Blvd/SW Nimbus Ave intersection and includes: (1) Request LED upgrades from PGE. (2) Install new mast arm poles with reflective backplates and illumination on NE and SW corners. (3) Install left turn signal heads on new mast poles for both northbound and southbound traffic. (4) Install not-ped overlap feature for left-turn phasing. (5) Upgrade ADA								
STIP Description: Safety projects at various locations. Work may include illumination, intersection work, bike and pedestrian improvements, ADA upgrades, signal work, signs, warnings, striping, medians, utility relocation, and other safety improvements.								
PROJECT FUNDING DETAILS								
Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other	Construction	Total
Federal Funds								
ADVCON	ACPO	2019		\$ 309,767				
ADVCON	ACPO	2019		\$ 626,865				\$ 626,865
ADVCON	ACPO	2020			\$ 32,277			\$ 32,277
ADVCON	ACPO	2020				\$ 225,939		\$ 225,939
ADVCON	ACPO	2021					\$ 1,342,447	
ADVCON	ACPO	2021					\$ 1,025,349	\$ 1,025,349
								\$ -
							Federal Totals:	\$ 1,910,430
Fund Obligations Amount:				\$ 309,767				Federal Aid ID
EA Number:				PE003060				SA00(216)
Initial Obligation Date:				12/18/2018				
State Funds								
								\$ -
								\$ -
							State Total:	\$ -
State Fund Obligations Amount:								
EA Number:								
Initial Obligation Date:								
Local Funds								
Local	Match	2019		\$ 26,133				
Local	Match	2019		\$ 52,884				\$ 52,884
Other	OVM	2020			\$ 2,723			\$ 2,723
Local	Match	2020				\$ 19,061		\$ 19,061
Local	Match	2021					\$ 113,253	
Local	Match	2021					\$ 86,502	\$ 86,502
							Local Total:	\$ 161,170
Phase Totals Before Amend:			\$ -	\$ 335,900	\$ 35,000	\$ 245,000	\$ 1,455,700	\$ 2,071,600
Phase Totals After Amend:			\$ -	\$ 679,749	\$ 35,000	\$ 245,000	\$ 1,111,851	\$ 2,071,600
								Year Of Expenditure (YOE): \$ 2,071,600

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A
 Number of projects within this amendment: **4 total**



Project Narratives

Project Summary (#2)

ODOT Key:	19280	MTIP ID:	70683
Project Type:	Existing	Completion Date:	6/30/2022
Name:	Name: SE 129th Avenue - Bike Lane and Sidewalk Project		
Lead Agency:	Happy Valley		
Description:	The project will build a sidewalk and add bike lanes along SE 129th Avenue.		
Amending:	<u>MINOR CORRECTION:</u> The admin mod updates the project funding composition based on a 100% TAP federal obligation for ROW. The total project cost remains unchanged at \$4,476,472.		

Project Details

- No changes

Administrative Amendment

Justification

Minor technical corrections such as fund swaps that do not impact fiscal constraint can occur as an Administrative Modification

Project Funding

Preliminary Engineering (PE) Phase:

- DELETE State fund type code (35B0) FY 2016 PE phase cost of \$324
- ADD Local fund type code (match to STP) FY 2016 PE phase cost of \$324
- Total PE phase programming amount remains unchanged at \$895,007

Right of Way (ROW) Phase:

- INCREASE federal TAP-U fund type code (M301) FY 2020 ROW phase cost from \$89,730 to \$245,089
- INCREASE Local fund type code (match to TAP) FY 2020 ROW phase cost from \$10,270 to \$28,051
- DELETE local Other fund type code (overmatch) FY 2020 ROW phase cost of \$173,429
- Total ROW phase programming decrease from \$273,429 to \$273,140

Construction Phase:

- DECREASE federal TAP-U fund type code (M301) FY 2021 Construction phase cost from \$474,104 to \$318,740
- DECREASE Local fund type code (match to TAP) FY 2021 Construction phase cost from \$54,263 to \$36,481
- INCREASE local Other fund type code (OTH0 – overmatch) FY 2021 Construction phase cost from \$842,226 to \$1,015,372
- Total Construction phase programming amount remains unchanged at \$3,308,325
- Total project programming remains unchanged at \$4,476,472

Funding Change Details

Amendment submission items:

- ✓ Email Request
- ✓ STIP Summary Report
- ✓ FHWA FMIS Mod for ROW obligation
- ✓ MTIP Worksheet

The Admin Modification updates the ROW programming based on a 100% federal TAP obligation resulting in minor programming adjustments to the Construction phase to avoid over programming

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A

Number of projects within this amendment: **4 total**

Project Narratives



MTIP Review & Certification Details

- **Administrative Modification Authorized: Yes.** The Admin Mod updates the current programming to correctly reflect the ROW obligation which was at 100% federal level and is considered a minor correction.
- **Metro Legislation Required: No**
- **MTIP Eligibility Verification: Yes**
 - Includes federal transportation funds: **Yes**
 - Located on the Metro roadway network: Yes. SE 129th Ave is identified as a bicycle and pedestrian parkway in both the Metro Bicycle and Pedestrian modeling networks
 - Provides transportation system improvement: **Yes**
- **Considered a Regionally Significant Project: Yes** – project has federal funds and is located on system
- **Fiscal Constraint Review and Verification: Yes.**
- **RTP Consistency Review: Yes**
 - **In Current RTP: Yes.** Project ID 10081 - 122nd/129th Improvements
 - **Description:** Project will build sidewalk on the east side of SE 129th Avenue and widen the existing pavement through the curves north of SE Mountain Gate Road and south of SE Scott Creek Lane. The widening will allow for bike lanes on both sides of SE 129th Avenue by re-striping the road. A retaining wall of varying height will be constructed behind the proposed sidewalk.
 - **RTP and MTIP Costs Consistent: Yes.**
- **Considered Included in ODOT O&M RTP Project Grouping: No**
 - Bridge Rehabilitate & Repair
 - Culvert Replacement & Repair
 - Highway Pavement Maintenance
 - Safety and Operations Project
- **Project located on the National Highway System (NHS): No**
- **Capacity Enhancing Project: No:** The project is a non-capacity enhancing, exempt project per CFR 93.126, Table 2 – Air Quality – Pedestrian and Bicycle facilities
- **Satisfies 2018 RTP Goals and Strategies: Yes.** Goal #3 – Transportation Choices
 - **Objective 3.2** – Transportation System Completion
 - **Description:** Make Plan communities and design and manage the transportation system to increase the proportion of trips made by walking, bicycling, shared rides and use of transit.
- **MPO Responsibilities/Public Notification included: No** Administrative Modifications are not subject to the 30 –day Public Notification/Opportunity to comment process.
- **OTC action required: No.** OTC approval was not required for this Administrative Modification
- **JPACT & Metro Council action required: No.** JPACT and Metro Council approval were not required for this Administrative Modification

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1



Modification Number: **AB20-04-DEC1** Resolution: N/A

Number of projects within this amendment: **4 total**

Project Narratives

Run Date: 11/18/2019
 Run Time: 17:28:36

**U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 FEDERAL-AID PROJECT MODIFICATION**

Report: FMISD06A
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RECIPIENT: 41-Oregon **FEDERAL PROJECT NO:** 3205007 **NO:** 2
RECIPIENT PROJ. NO(S): 19280
PROJECT TITLE: SE 129TH AVENUE - BIKE LANE AND SIDEWALK PROJECT
PROJECT DESCRIPTION: SIDEWALK AND BIKE LANES

CLASSIFICATION OF PHASE OF WORK: ROW

THE PROJECT AGREEMENT FOR THE ABOVE REFERENCED PROJECT ENTERED INTO BETWEEN THE UNDERSIGNED PARTIES AND EXECUTED BY THE DIVISION ADMINISTRATOR ON 09/15/2016 IS HEREBY MODIFIED AS FOLLOWS:

PROGRAM CODE	FAIN	URBAN / WITH		FORMER AMOUNT	REVISED AMOUNT
35B0	41320500735B0	27	ESTIMATED TOTAL OF THE PROJECT	\$3,153.53	\$3,153.53
			FEDERAL FUNDS	\$2,829.66	\$2,829.66
			ADV CONSTRUCTION FUNDS	\$0.00	\$0.00
			PERCENT FEDERAL SHARE	89.73%	89.73%
M301	413205007M301	27	ESTIMATED TOTAL OF THE PROJECT	\$485,470.75	\$485,470.75
			FEDERAL FUNDS	\$435,612.90	\$435,612.90
			ADV CONSTRUCTION FUNDS	\$0.00	\$0.00
			PERCENT FEDERAL SHARE	89.73%	89.73%
M3E1	413205007M3E1	27	ESTIMATED TOTAL OF THE PROJECT	\$406,382.74	\$679,522.74
			FEDERAL FUNDS	\$364,647.23	\$609,735.75
			ADV CONSTRUCTION FUNDS	\$0.00	\$0.00
			PERCENT FEDERAL SHARE	89.73%	89.73%

RECIPIENT REMARKS:
 MOD TO OBLIGATE RW PHASE TO BEGIN ACQUIRING RIGHT OF WAY; NO ODOT ICAP (LOCAL ICAP PER IGA); R9552000;
 F32421-22: CH 11/5/19

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A

Number of projects within this amendment: **4 total**

Project Narratives



Metro
 2018-21 Metropolitan Transportation Improvement Program (MTIP)
 PROJECT AMENDMENT DETAIL WORKSHEET

Administrative Modification
MINOR CORRECTION
 8th Amendment to Project

Lead Agency: Happy Valley	Project Type: Active Trns	ODOT Key: 19280
Project Name: SE 129th Avenue - Bike Lane and Sidewalk Project	ODOT Type: BikePed	MTIP ID: 70683
Project Status: 5 = (RW) Right-of Way activities initiated including R/W acquisition and/or utilities relocation.	Capacity Enhancing: No	Status: 4
Short Description: The project will build a sidewalk and add bike lanes along SE 129th Avenue.	Conformity Exempt: Yes	RTP ID: 10081
	On State Hwy Sys: No	RFFA ID: 50231
	Mile Post Begin: N/A	RFFA Cycle: 2016-18
	Mile Post End: N/A	UPWP: No
	Length: N/A	UPWP Cycle: N/A
	1st Year Program'd: 2016	Past Amend: 7
	Years Active: 5	OTC Approval: No

Detailed Description: The project will build 1,100 linear feet of sidewalk on the east side of SE 129th Avenue and widen the existing pavement through the curves north of SE Mountain Gate Road and south of SE Scott Creek Lane. The widening will allow for bike lanes on both sides of SE 129th Avenue by re-striping the road. A retaining wall of varying height will be constructed behind the sidewalk.

STIP Description: Construct sidewalk and add bike lanes

PROJECT FUNDING DETAILS								
Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
Federal Funds								
TAP-U	M301 M3E1	2016		\$ 800,260				\$ 800,260
STP	3580	2016		\$ 2,830				\$ 2,830
TAP-U	M301	2020			\$ 89,730			
TAP-U	M3E1	2020			\$ 245,089			\$ 245,089
TAP-U	M301	2021					\$ 474,104	
TAP-U	M301	2021					\$ 318,740	\$ 318,740
STP-U	Z230	2021					\$ 1,738,727	\$ 1,738,727
								\$ -
							Federal Totals:	\$ 3,105,646
Fund Obligations:				\$ 803,090	\$ 245,089	Federal Aid ID		
EA Number:				PE002722	R9552000	S064(051)		
Initial Obligation Date:				9/15/2016	11/18/2019			

State Funds								
STATE	3580	2016		\$ 324				\$ -
							State Total:	\$ -
State Fund Obligations:								
EA Number:								
Initial Obligation Date:								

Local Funds								
Local	Match	2016		\$ 91,593				\$ 91,593
Local	Match	2016		\$ 324				\$ 324
Local	Match	2020			\$ 10,270			
Local	Match	2020			\$ 28,051			\$ 28,051
Other	OVM	2020			\$ 173,429			
Other	OVM	2020			\$ -			
Local (TAP)	Match	2021					\$ 54,263	
Local (TAP)	Match	2021					\$ 36,481	\$ 36,481
Local (STBG)	Match	2021					\$ 199,005	\$ 199,005
Other	OVM	2021					\$ 842,226	
Other	OVM	2021					\$ 1,015,372	
							Local Total:	\$ 355,454
Phase Totals Before Amend:			\$ -	\$ 895,007	\$ 273,429	\$ -	\$ 3,308,325	\$ 4,476,761
Phase Totals After Amend:			\$ -	\$ 895,007	\$ 273,140	\$ -	\$ 3,308,325	\$ 4,476,472
							Year Of Expenditure (YOE):	\$ 4,476,472

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A
 Number of projects within this amendment: **4 total**



Project Narratives

Project Summary (#3)

ODOT Key:	20595	MTIP ID:	70984
Project Type:	Existing	Completion Date:	6/30/2020+
Name:	Portland Metro Planning SFY 2020		
Lead Agency:	Metro		
Description:	Portland Metro MPO planning funds for Federal fiscal year 2019. Projects will be selected in the future through the MPO process.		
Amending:	STBG replaces a locally funded project in the UPWP Master Agreement of projects. The local overmatch is reduced as a result. There is no net change in the cost of the project		

Project Details

- No changes

Administrative Amendment Justification

Minor technical corrections such as fund swaps that do not impact fiscal constraint can occur as an Administrative Modification

Project Funding

Preliminary Engineering (PE) Phase:

- ADD state SFLP fund type code (S060) FY 2020 PE phase cost of \$32,185
- ADD Local fund type (match to original federal fund code) FY 2020 PE phase cost of \$2,715
- Total PE phase programming amount is \$34,900

Construction Phase:

- DELETE
- 2020 Construction phase cost of \$12,899
- Total Construction phase programming amount decreases from \$200,700 to 165,800
- Total project programming remains unchanged at \$200,700

Funding Change Details

Amendment submission items:

- ✓ Prior Metro meeting to evaluate federalizing the EVA project
- ✓ Approved UPWP Project List (Rosetta Stone)
- ✓ MTIP Worksheet

The Admin Modification converts the UPWP approved Economic Value Atlas (EVA) project in the UPWP Master Agreement list of projects to STBG-U. It will now move in parallel with the Regional Freight Delay and Commodities Study which apparently will enable both studies to be completed more efficiently. The added STBG-U originates from Metro's un-programmed STBG-U reserves.

MTIP Review & Certification Details

- **Administrative Modification Authorized: Yes.** The be complete as an Admin Mod
- **Metro Legislation Required: No**
- **MTIP Eligibility Verification: Yes**
 - Includes federal transportation funds: **Yes**
 - Located on the Metro roadway network: **No – planning study**
 - Provides transportation system improvement: **Yes**
- **Considered a Regionally Significant Project: Yes** – project has federal funds and is an approved UPWP project
- **Fiscal Constraint Review and Verification: Yes.**
- **RTP Consistency Review: Yes**

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A

Number of projects within this amendment: **4 total**

Project Narratives



- **In Current RTP: Yes.** Project ID 11103, Regional MPO Activities 2018-2027
- **Description:** System planning, topical planning, and activities that Metro must conduct for the period 2018-2027 in order to remain certified as a metropolitan planning organization (MPO) by the federal government and be eligible to receive and distribute federal transportation dollars.
- **RTP and MTIP Costs Consistent: Yes.**
- **Considered Included in ODOT O&M RTP Project Grouping: No**
 - Bridge Rehabilitate & Repair
 - Culvert Replacement & Repair
 - Highway Pavement Maintenance
 - Safety and Operations Project
- **Project located on the National Highway System (NHS): No**
- **Capacity Enhancing Project: No:** The project is a non-capacity enhancing, exempt project per CFR 93.126, Table 2 – Other , Planning and Technical Studies
- **Satisfies 2018 RTP Goals and Strategies: Yes.** Goal #11 – Transparency and Accountability
 - **Objective 11.2 - Performance Based Planning:**
 - **Description:** Make transportation investment decisions using a performance-based planning approach that is aligned with the RTP goals and supported by meaningful public engagement, multimodal data and analysis.
- **MPO Responsibilities/Public Notification included: No** Administrative Modifications are not subject to the 30 –day Public Notification/Opportunity to comment process.
- **OTC action required: No.** OTC approval was not required for this Administrative Modification
- **JPACT & Metro Council action required: No.** JPACT and Metro Council approval were not required for this Administrative Modification

Project Name	Description	Contact	Start Date	End Date	Duration	Consult. Used	Type	Category MA - Master Agreement	2018-20 ODOT Key	STBG	PL	S303	ODOT Support Funds	State Matching Funds	Metro Local Match	Local Over Match	Other	Total	Obligated	Obligation Amount	Obligation Date	EA and/or Fed Aid ID	Current Amount Expended
Regional Freight Delay and Commodities Study	The purpose of the Regional Freight Delay and Commodities Movement Study will be to evaluate the level and value of commodity movement on the regional freight network within each of the mobility corridors identified in the Regional Transportation Plan's Mobility Corridor Atlas	Tim Collins	7/1/2019		Multi-Year Limited	Assumed Yes	Special Limited	Stand Alone Project	20897	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 22,891	\$ -	\$ -	\$ 222,891	N/A				\$ -
Economic Value Atlas (EVA) Decision to Federate 11/20/19	Development of the Economic Value Atlas (EVA) is establishing tools and analysis that allow planning, infrastructure, and economic development to build agreement on investments to strengthen our economy	Jeff Raker	3/1/2019 1/15/2020		1 year	No	1 year special	STBG Must be added to Key 20595	20595	\$ 114,192	\$ -	\$ -	\$ -	\$ -	\$ 11,070	\$ -	\$ -	\$ 127,262	N/A				\$ -
Jurisdictional Transfer Study	Help project partners identify roadways that are good candidates for transfer, expected cost ranges to fund state of good repair improvements, cost ranges to fund additional improvements and potential funding sources and timelines.	Tom Kloster	7/1/2019		1 Year Limited	Assumed Yes	Special Limited	Not required to be in MTIP	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 116,254	\$ 116,254	N/A				\$ -

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A

Number of projects within this amendment: **4 total**

Project Narratives



MTIP Programming Changes



Metro
 2018-21 Metropolitan Transportation Improvement Program (MTIP)
PROJECT AMENDMENT DETAIL WORKSHEET

**Administrative Modification
 FUND SWAP**
 3rd Amendment to Project

Lead Agency: Metro	Project Type: Planning	ODOT Key: 20595
Project Name: Portland Metro Planning SFY 2020	ODOT Type: Planning	MTIP ID: 70984
Project Status: D = Project implementation in progress.	Capacity Enhancing: No	Status: D
Short Description: Portland Metro MPO planning funds for Federal fiscal year 2019. Projects will be selected in the future through the MPO process.	Conformity Exempt: Yes	RTP ID: 11103
	On State Hwy Sys: No	RFFA ID: N/A
	Mile Post Begin: N/A	RFFA Cycle: N/A
	Mile Post End: N/A	UPWP: Yes
	Length: N/A	UPWP Cycle: 2019-20
	1st Year Program'd: 2019	Past Amend: 1
	Years Active: 2	OTC Approval: No

Detailed Description: Key 20595 combines STBG, PL, and 5303 from Keys 20875, 20722, 21041, 19289, 20887, and 19295 in support of the final approved SFY 2020 UPWP Master Agreement list of projects (reference UPWP SFY 2020 Rosetta Stone spreadsheet for specific list) to obligate under Key 20595. Keys 20722 and 19295 reflect obligated but unexpended funding de-obligated and carried forward in support of the SFY 2020 UPWP Master Agreement.

STIP Description: Portland Metro MPO planning funds for Federal fiscal year 2019. Projects will be selected in the future through the MPO process. Region

MTIP PROJECT FUNDING DETAILS

Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
Federal Funds								
STBG-U	Z230	2019	\$ 2,611,515					
STBG-U	Z230	2019	\$ 2,725,707				\$	2,725,707
PL	Z450	2019	\$ 2,458,812				\$	2,458,812
5303	FF80	2019	\$ 777,932				\$	777,932
							\$	-
							Federal Totals:	\$ 5,962,451
Fund Obligations Amount:								
EA Number:								
Initial Obligation Date:								
State Funds								
State	Match	2019	\$ 281,422				\$	281,422
State	Match	2019	\$ 89,038				\$	89,038
							\$	-
							State Total:	\$ 370,460
State Fund Obligations Amount:								
EA Number:								
Initial Obligation Date:								
Local Funds								
Local	Match	2019	\$ 298,900				\$	-
Local	Match	2019	\$ 311,969				\$	311,969
Other	OVM	2019	\$ 1,410,214				\$	-
Other	OVM	2019	\$ 1,282,953				\$	1,282,953
							\$	-
							Local Total:	\$ 1,594,922
Phase Totals Before Amend:			\$ 7,927,833	\$ -	\$ -	\$ -	\$ -	\$ 7,927,833
Phase Totals After Amend:			\$ 7,927,833	\$ -	\$ -	\$ -	\$ -	\$ 7,927,833
Year Of Expenditure (YOE):								\$ 7,927,833

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A

Number of projects within this amendment: **4 total**

Project Narratives



STIP PROGRAMMING ADJUSTMENTS

STIP PROJECT FUNDING DETAILS								
Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
Federal Funds								
STBG-U	Z230	2019	\$ 2,024,821					
STBG-U	Z230	2019	\$ 2,139,013				\$	2,139,013
PL	Z450	2019	\$ 3,045,505				\$	3,045,505
ADVCON	ACPO	2019	\$ 635,751				\$	635,751
5303	Z77D	2019	\$ 124,658				\$	124,658
5303	M77D	2019	\$ 17,523				\$	17,523
							\$	-
							Federal Totals:	\$ 5,962,450
Fund Obligations Amount:								
EA Number:								
Initial Obligation Date:								
State Funds								
State	Match	2020	\$ 348,572				\$	348,572
State	Match	2019	\$ 14,268				\$	14,268
State	Match	2019	\$ 2,006				\$	2,006
State	S010	2019	\$ 225,000				\$	225,000
							State Total:	\$ 589,846
State Fund Obligations Amount:								
EA Number:								
Initial Obligation Date:								
Local Funds								
Local	Match	2019	\$ 231,750					
Local	Match	2019	\$ 244,820				\$	244,820
Local	Match	2019	\$ 72,765				\$	72,765
Other	OVM	2019	\$ 1,185,214					
Other	OVM	2019	\$ 1,057,952				\$	1,057,952
							\$	-
							Local Total	\$ 1,375,537
Phase Totals Before Amend:			\$ 7,927,833	\$ -	\$ -	\$ -	\$ -	\$ 7,927,833
Phase Totals After Amend:			\$ 7,927,833	\$ -	\$ -	\$ -	\$ -	\$ 7,927,833
							Year Of Expenditure (YOE):	\$ 7,927,833

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A

Number of projects within this amendment: **4 total**

Project Narratives



DISCUSSION DRAFT

2019-2020 United Planning Work Program

Transportation planning in the Portland/
Vancouver metropolitan area

January 7, 2019

oregonmetro.gov



Economic Value Atlas (EVA) Implementation

Staff Contact: Jeff Raker, jeffrey.raker@oregonmetro.gov

Description

Development of the Economic Value Atlas (EVA) is establishing tools and analysis that align planning, infrastructure, and economic development to build agreement on investments to strengthen our economy. Phase III of the Economic Value Atlas decision-support mapping tool concluded in 2018. The EVA enters an implementation phase in FY 2019-2020 that includes test applications among partner organizations and jurisdictions, refinements to the tool, and integration into agency-wide activities.

This work provides new mapping and discoveries about our regional economic landscape, links investments to local and regional economic conditions and outcomes and informs policy and investment – providing a foundation for decision-makers to understand the impacts of investment choices to support growing industries and create access to family-wage jobs and opportunities for all.

Overall Objectives

- Provide a solid data foundation for key regional policies, actions and investment strategies, such as [Greater Portland 2020](#), the 2040 Growth Concept, the Regional Transportation Plan, Regional investment areas and corridor refinement planning
- Bridge local and regional economic development aspirations;
- Support regional transportation planning and investment decisions by highlighting key intersects between transportation and economic conditions.
- Build a granular understanding of relative economic strengths and challenges among communities in the region to inform local Transportation System Plans, Economic Opportunity Analyses, and area studies,

Previous Work (*through June 2019*)

- Phase 1 - Engagement + Partner Development
 - Economic Development Listening Tour
 - Establish Working Group – Economic Value Atlas Task Force
 - Scope development and consultant selection
 - Expert Input on Cluster + Cross-Sector Challenges + Options
 - Market assessment of traded sector economy
 - Ongoing engagement of key economic and workforce development partners
- Phase 2 - Regional Economic Analysis
 - Coalesce + Establish Economic Performance Indicators
 - Visual/Spatial Mapping of Regional Economy + Clusters
 - Economic Value Atlas Decision-Support Mapping Tool (anticipated winter 2018/2019)
- Phase 3 - Early applications and refinement (anticipated spring 2019)

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A

Number of projects within this amendment: **4 total**

Project Narratives



Methodology

Metro will serve as project manager for this effort, with significant support from Greater Portland Inc., Port of Portland, City of Portland, and Business Oregon. Remaining phases of the project include:

- Phase 3 –Guidance on Metro Plans + Initiatives
 - Use EVA to ID Future Investment Areas
 - Integrate Findings Into 2018 RTP Update + MTIP
 - Integrate metrics/criteria into 2019-2020 RFFA
 - Integrate analyses/findings into future multi-criteria evaluation
- Prospective Future Phases – Guidance on external policy/actions, advance cluster-specific and cross-sector action plan(s), and build out ongoing Metro role in economic and workforce development.

Major Project Deliverables/ Milestones	
1 st Quarter	<ul style="list-style-type: none"> • Tool Refinements • Prospective Test EVA Applications <ul style="list-style-type: none"> ○ Local TSPs and EOAs ○ 2020 Transportation Measure ○ Explore integration of metrics/criteria into 2021-2023 RFFA ○ Columbia Connects ○ 2040 Growth Concept refresh on employment lands ○ Use EVA to ID or inform future Investment Areas ○ Integrate analyses/findings into future multi-criteria evaluation
2 nd Quarter	<ul style="list-style-type: none"> • Continue work on Prospective Test EVA Applications
3 rd Quarter	<ul style="list-style-type: none"> • Additional Tool Refinements
4 th Quarter	<ul style="list-style-type: none"> • Refresh Data and establish Opportunity Cost Calculator for specific infrastructure investments
Ongoing	

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A
 Number of projects within this amendment: **4 total**



Project Narratives

Project Summary (#4)

ODOT Key:	19289	MTIP ID: 70683
Project Type:	Existing	Completion Date: 12/31/2022
Name:	Transportation System Management & Operations (TSMO) Program 2018	
Lead Agency:	Metro	
Description:	The Transportation System Management & Operations (TSMO) program coordinates both the planning and implementation of the regions system management and operations strategies to enhance multi-modal mobility for people and goods.	
Amending:	FUND SWAP & SLIP: \$136,899 of STBG is added increasing the authorized STBG to \$600k. The Other phase is slipped to 2021.	

Project Details

- ADD Description tag to Short Description: ADD **“(2016-18 TSMO PGB)”** at the end of the short description to call out the awarded time frame for 2016-18 approved Metro funded projects

Administrative Amendment

Justification

Slipping a phase to a later constrained year can occur as an Administrative Modification as long as no other major changes are occurring.
 Cost increase of \$152,568 = a 29.6% cost increase to the project and is less than the 30% threshold for projects between \$500k and a million.

Project Funding

Other Phase:

- DELETE federal STBG fund type code (Z230) **FY 2020**
Other Phase cost of \$463,101
- DELETE Local fund type code (match to STBG **FY 2020**)
Other phase cost of \$53,004
- ADD federal STBG-U fund type code (Z230) **FY 2021**
Other phase cost of \$600,000
- ADD Local fund type code (match to STBG-U) **FY 2021**
Other phase cost of \$68,673
- Total Other phase programming amount increases from \$516,105 to \$668,673
- Total project programming amount increases from \$516,105 to \$668,673

Key 19289 TSMO Project Grouping Bucket
 Remaining Projects:

1. Clackamas County Integrated Corridor Management project. Lead Agency = Clackamas County. Awarded STBG = \$400k
2. ODOT Data Communications Fiber Database. Lead Agency = ODOT. Awarded STBG = \$200k

Funding Change Details

Amendment submission items:

- ✓ Metro program audit review
- ✓ Completed PCR
- ✓ MTIP Worksheet

The funding increase is to cover the remaining two TSMO projects being developed for implementation. The first is an Integrated Corridor Management (ICM) study Clackamas County will complete and is authorized \$400k of STBG. The second is a \$200k award to ODOT for fiber database communications installation. Because current estimates indicate both projects will not be ready to obligate their federal funds until around November 2020, the PGB is being slipped to 2021.

For the time being until the TSMO program audit is completed, the added STBG funds originate from Metro’s un-programmed STBG reserves. It is possible a funding reduction may occur to Key 20884 later to re-balance the TSMO funds

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A

Number of projects within this amendment: **4 total**

Project Narratives



MTIP Review & Certification Details

- **Administrative Modification Authorized: Yes.** Cost increases below the 30% threshold are allowable per the Amendment Matrix.
- **Metro Legislation Required: No**
- **MTIP Eligibility Verification: Yes**
 - Includes federal transportation funds: **Yes**
 - Located on the Metro roadway network: **No** – Planning project
 - Provides transportation system improvement: **Yes**
- **Considered a Regionally Significant Project: Yes** – The project has federal funds
- **Fiscal Constraint Review and Verification: Yes.** Metro awarded RFFA funds
- **RTP Consistency Review: Yes**
 - **In Current RTP: Yes.** Project ID – 11104, Regional TSMO Program Investments for 2018-2027
 - **Description:** Implement and maintain Transportations System Management and Operations (TSMO) investments used by multiple agencies (e.g., Central Signal System, traffic signal priority, data communications and archiving) and coordinate response to crashes. The regional program also includes strategy planning (e.g., periodic TSMO Strategy updates), coordination of activities for TransPort subcommittee to TPAC, updates to the blueprints for agency software and hardware systems (ITS Architecture), improving traveler information with live-streaming data for connected vehicle and mobile information systems (TripCheck Traveler Information Portal Enhancement), and improving “big data” processing (PSU PORTAL) to support analyzing performance measures.
 - **RTP and MTIP Costs Consistent: Yes.**
- **Considered Included in ODOT O&M RTP Project Grouping: No**
 - Bridge Rehabilitate & Repair
 - Culvert Replacement & Repair
 - Highway Pavement Maintenance
 - Safety and Operations Project
- **Project located on the National Highway System (NHS): No**
- **Capacity Enhancing Project: No:** The project is a non-capacity enhancing, exempt project per CFR 93.126, Table 2 – Safety – Traffic control devices and operating assistance other than signalization projects.
- **Satisfies 2018 RTP Goals and Strategies: Yes.** Goal #4 – Emphasize Effective and Efficient Management of the Transportation System
 - **Objective 4.1 – Traffic Management**
 - **Description:** Apply technology solutions to actively manage the transportation system
- **MPO Responsibilities/Public Notification included: No** Administrative Modifications are not subject to the 30 day Public Notification/Opportunity to comment process.
- **OTC action required: No.** OTC approval was not required for this Administrative Modification
- **JPACT & Metro Council action required: No.** JPACT and Metro Council approval were not required for this Administrative Modification

2018-21 Metropolitan Transportation Improvement Program (MTIP)
Metro December 2019 (FY 2020) Admin Modification Bundle #1

Modification Number: **AB20-04-DEC1** Resolution: N/A

Number of projects within this amendment: **4 total**

Project Narratives



Metro

2018-21 Metropolitan Transportation Improvement Program (MTIP)
PROJECT AMENDMENT DETAIL WORKSHEET

**Administrative Modification
 COST INCREASE & SLIP
 12th Amendment to Project**

Lead Agency: Metro	Project Type: TSMO/ITS	ODOT Key: 19289
Project Name: Transportation System Management & Operations (TSMO) Program 2018	ODOT Type: Operations	MTIP ID: 70671
Project Status: 7 = Construction activities or project implementation activities (e.g. for transit and ITS type projects) initiated.	Capacity Enhancing: No	Status: 7
Short Description: The Transportation System Management & Operations (TSMO) program coordinates both the planning and implementation of the regions system management and operations strategies to enhance multi-modal mobility for people and goods. (2016-18 TSMO PGB)	Conformity Exempt: Yes	RTP ID: 11104
	On State Hwy Sys: I-205	RFFA ID: 50206
	Mile Post Begin: 19.61	RFFA Cycle: 2016-18
	Mile Post End: 19.80	UPWP: No
	Length: 0.19	UPWP Cycle: N/A
	1st Year Program'd: 2017	Past Amend: 11
	Years Active: 4	OTC Approval: No

Detailed Description: The Transportation System Management & Operations (TSMO) program coordinates both the planning and implementation of the regions system management and operations strategies to enhance multi-modal mobility for people and goods. The activities of this program focus on proactive management of the multi-modal transportation system through:(1) Multi-modal traffic management strategies to reduce travel times and vehicle emissions, (2) traveler information to help system users make informed decisions and avoid congestion, (3) traffic incident management to reduce crashes and delay, and improve traveler safety. The program also supports the implementation of the region's Congestion Management Process (CMP) by implementing lower cost, high benefit operational improvements for congestion and safety; and by enhancing the region's real-time data collection capabilities in support of performance monitoring.(2016-2018 RFFA Allocation)

STIP Description: The Transportation System Management & Operations (TSMO) program coordinates both the planning and implementation of the regions system management and operations strategies to enhance multi-modal mobility for people and goods.

PROJECT FUNDING DETAILS

Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Construction	Other	Total	
Federal Funds									
STBG-U	Z230	2020					\$ 463,101		
STBG-U	Z230	2021					\$ 600,000	\$ 600,000	
							\$ -	\$ -	
							Federal Totals: \$	\$ 600,000	
Fund Obligations Amount:									
EA Number:									
Initial Obligation Date:									
State Funds									
							\$ -	\$ -	
							\$ -	\$ -	
							State Total: \$	\$ -	
State Fund Obligations Amount:									
EA Number:									
Initial Obligation Date:									
Local Funds									
Local	Match	2020					\$ 53,004	\$ -	
Local	Match	2021					\$ 68,673	\$ 68,673	
							\$ -	\$ -	
							Local Total \$	\$ 68,673	
Phase Totals Before Amend:			\$ -	\$ -	\$ -	\$ -	\$ 516,105	\$ 516,105	
Phase Totals After Amend:			\$ -	\$ -	\$ -	\$ -	\$ 668,673	\$ 668,673	
Year Of Expenditure (YOE):								\$	668,673