



Metro

600 NE Grand Ave.
Portland, OR 97232-2736

Memo

Date: February 1, 2021

To: Adriana Antelo
ODOT Region 1 Interim STIP Coordinator
123 NW Flanders St
Portland, OR 97201

From: Ken Lobeck, Funding Programs Lead, 971-985-6156 (cell)

Subject: January FY 2021 Administrative Modification Bundle #3, AB21-08-JAN3 Approval Request to the 2021-24 MTIP

Dear Adriana:

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 January FY 2021 Administrative Modification, Bundle #3 to the 2021-24 MTIP is under Metro amendment number AB21-08-JAN3. Four projects comprise the bundle. They include:

- Key 20374 – Beaverton’s West Systemic Signals and illumination (Beaverton).
- Key 20451 – ODOT’s OR8 at River Rd
- Key 20435 – ODOT’s OR99W: I-5 - McDonald St
- Key 21496 – Portland’s NE Airport Way Arterial Corridor Management

I certify Metro has completed all required review and approval steps as the MPO and IAW with 23 CFR 450.328 for the 2021-24 MTIP for this administrative modification bundle. Please direct any comments or questions concerning this amendment to Ken Lobeck, Funding Programs Lead at ken.lobeck@oregonmetro.gov.

Thank you for your time to review Metro’s January#3, 2021 TIP Administrative Modification.

Kenneth F Lobeck

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

2021-24 Metropolitan Transportation Improvement Program (MTIP)

Metro January 2021 Administrative Modification Bundle #3

Modification Number: **AB21-08-JAN3**, Resolution: N/A

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

Project Narratives



Proposed January 2021 Administrative Modification Bundle #3

Modification Number: **AB21-08-JAN3**

Total Number of Projects: 4

ODOT Key	Lead Agency	Project Name	Description	Required Changes
Project #1 Key 20374	Beaverton	West Systemic Signals and illumination (Beaverton)	Improvements at various intersections in the City of Beaverton including signals, lighting, signing and curb ramp upgrades to improve safety.	FUND PHASE SHIFT: Shift a portion of Construction phase funding to ROW. Project name clarification included as well.
Project #2 Key 20451	ODOT	OR8 at River Rd	On OR8 at River Rd from MP 11.17 to MP 11.75 , Construct full signal upgrade with illumination and ADA improvements at the SW and SE corner & signal modification at the NW and NE corner at the intersection of OR8 and River Rd in the City of Hillsboro.	SCOPE ADJUSTMENT: The admin mod cancels the Other phase due to an adjustment in the project scope. This results in a \$314k cost reduction to the project. The scope adjustment is considered minor.
Project #3 Key 20435	ODOT	OR99W: I-5 - McDonald St	Repave roadway; upgrade ADA ramps to current standards; improve access management; include pedestrian improvements, and address drainage as needed. Includes full signal upgrade at Johnson/Main.	FUND PHASE SHIFT: \$1,338,964 of Construction phase funding is shifted to PE to address a PE phase funding need. An updated Construction phase cost estimate indicates backfill is not required.
Project #4 Key 21496	Portland	NE Airport Way Arterial Corridor Management	ATCMTD child project to deploy ITS infrastructure along Airport Way from 82nd Ave to Riverside Parkway including Install message signs , updating signal collectors, CCTV cameras, fiber communication, etc.	SCOPE ADJUSTMENT: Reduce scope by dropping the "Install Change Message Signs" from the project scope. No change in project cost.

2021-24 Metropolitan Transportation Improvement Program (MTIP)

Metro January 2021 Administrative Modification Bundle #3

Modification Number: **AB21-08-JAN3**, 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:	West Systemic Signals and illumination (Beaverton)	
Lead Agency:	Beaverton	
Description:	Improvements at various intersections in the City of Beaverton including signals, lighting, signing and curb ramp upgrades to improve safety.	
Amending:	PHASE FUND SHIFT: A portion of Construction phase funding is being shifted to ROW to address a ROW phase funding shortfall	

Project Details

- MODIFY MTIP PROJECT NAME: Add “West” to the beginning of the project name. Revised project name is now:
“West Systemic Signals and illumination (Beaverton)”
- Note: Modified name is for clarity. There is no scope or limits change as a result

Administrative Amendment

Justification

The fund swap between phases does not result in a scope or cost change allowing the change to occur administratively.

Project Funding

Preliminary Engineering (PE) Phase:

- DELETE federal ADVCON fund type code (ACP0) FY 2019 PE phase cost of \$626,865
- ADD federal HSIP fund type code (ZS30) FY 2019 PE phase cost of \$626,865
- There is no change to local match. ADVCON conversion code of HSIP replaces ADVCON through this action.
- Total PE phase programming amount remains unchanged at \$679,750

Right of Way (ROW) Phase:

- INCREASE federal HSIP fund cod (ZS30) FY 2021 ROW phase cost from \$32,277 to \$87,027
- INCREASE Local fund type code (match to HSIP) FY 2021 ROW phase cost from \$2,723 to \$7,342
- Total ROW phase programming increases from \$35,000 to \$94,369

Other Phase:

- No changes
- Total Other phase programming remains unchanged at \$245,000

Construction Phase:

- DECREASE federal HSIP fund type code (ZS30) FY 2021 Construction phase cost from \$1,025,349 to \$970,599

Funding Change Details

Amendment submission items:

- ✓ Email request for amendment
- ✓ Completed STIP Summary Sheet
- ✓ Completed STIP Impacts Worksheet
- ✓ Construction phase Cost Update
- ✓ MTIP Worksheet

The admin mod adds the ADVCON conversion code to the project and transfers Construction phase funding to address a ROW phase funding shortfall. ROW increases to \$94,369. The ROW estimate at DAP was estimated for the amount of \$94,369 which is higher than the available ROW fund (\$35,000) by the amount of (\$59,369). The construction cost Estimate at DAP shows the amount of \$1,052,027 (see attachment) which is less than the available fund in the STP (\$1,111,851). The construction decreases and does not require backfilling based on the updated construction phase cost estimate for the project. Finally, the project name adds “West” to the name for geographic clarity. There is no scope or cost change as a result of the admin mod changes.

2021-24 Metropolitan Transportation Improvement Program (MTIP)

Metro January 2021 Administrative Modification Bundle #3

Modification Number: **AB21-08-JAN3**, Resolution: N/A

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

Project Narratives



- DECREASE Local fund type code (match to HSIP) FY 2021 Construction phase cost from \$86,502 to \$81,883
- Total Construction phase programming decreases from \$1,111,851 to \$1,052,482
- Total project programming remains unchanged at \$2,071,601

MTIP Review & Certification Details

- **Administrative Modification Authorized: Yes.** Phase fund swaps where no cost change occurs or scope change are allowable as Administrative Modifications.
- **Metro Legislation Required: No**
- **MTIP Eligibility Verification: Yes**
 - Includes federal transportation funds: **Yes**
 - Located on the Metro roadway network: **Yes**
 - Provides transportation system improvement: **Yes**
- **Considered a Regionally Significant Project: Yes** – project has federal funds and is located on the Metro Motor Vehicle network
- **Fiscal Constraint Review and Verification: Yes.**
- **RTP Consistency Review: Yes**
 - **In Current RTP: Yes.** Project ID – 12095 - Safety & Operations Projects
 - **RTP 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
 - **Safety and Operations Project**
- **Project located on the National Highway System (NHS): Yes.**
- **Capacity Enhancing Project: No.** The project is not a capacity enhancing project and is considered exempt under 40 CFR 93.127, Table 2 – Safety – Highway Safety Improvement Program implementation
- **Satisfies 2018 RTP Goals and Strategies: Yes.** Goal #5 – Safety and Security
 - **Objective 5.1 Transportation Safety**
 - **Description:** Complete 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



Metro

2021-24 Metropolitan Transportation Improvement Program (MTIP)
PROJECT ADMINISTRATIVE MODIFICATION DETAIL WORKSHEET

Administrative Modification
PHASE FUND SHIFT
Shift a portion of Cons funding to
ROW

Lead Agency: Beaverton		Project Type:	Safety	ODOT Key:	20374
Project Name: Systemic Signals and Illumination (Beaverton) West Systemic Signals and illumination (Beaverton)	1	ODOT Type	Safety	MTIP ID:	70956
		Capacity Enhancing:	No	Status:	4
		Conformity Exempt:	Yes	Comp Date	12/31/2022
Project Status: 4 = (PS&E) Planning Specifications, & Estimates (final design 30%, 60%,90% design activities initiated).		Performance Meas:	Yes	RTP ID:	12095
		On State Hwy Sys:	No	RFFA ID:	N/A
		Mile Post Begin:	N/A	RFFA Cycle:	N/A
		Mile Post End:	N/A	UPWP:	No
		Length:	0	UPWP Cycle:	N/A
		1st Year Program'd:	2019	Past Amend:	3
		Years Active:	3	OTC Approval:	No
		STIP Amend#: 21-24-0475		MTIP Amend#: AB21-08-JAN3	
Detailed Description: 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: Improvements at various intersections in the City of Beaverton including signals, lighting, signing and curb ramp upgrades to improve safety.					

LAST Amendment or Admin Mod: Administrative - Slip ROW and OTHER phases to 2021. AB20-05-DEC2, December 2019

PROJECT FUNDING DETAILS

Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other	Construction	Total
Federal Funds								
ADVCON	ACP0	2019		\$ 626,865				\$ -
HSIP	ZS30	2019		\$ 626,865				\$ 626,865
HSIP	ZS30	2021			\$ 32,277			\$ -
HSIP	ZS30	2021			\$ 87,027			\$ 87,027
HSIP	ZS30	2021				\$ 225,939		\$ 225,939
HSIP	ZS30	2021					\$ 1,025,349	\$ -
HSIP	ZS30	2021					\$ 970,599	\$ 970,599
								\$ -
								\$ -
Note: Cons shift to ROWS does not require Cons backfill. Updated Construction phase cost estimated provided.							Federal Totals:	\$ 1,910,430
Fund Obligations Amount:								
EA Number:								
Initial Obligation Date:								
State Funds								
							\$	-
							\$	-
							State Total:	\$ -
Local Funds								
Local	Match	2019		\$ 52,885				\$ 52,885
Local	Match	2021			\$ 2,723			\$ -
Local	Match	2021			\$ 7,342			\$ 7,342
Local	Match	2021				\$ 19,061		\$ 19,061
Local	Match	2021					\$ 86,502	\$ -
Local	Match	2021					\$ 81,883	\$ 81,883
								\$ -
							Local Total	\$ 161,171
Phase Totals Before Amend:			\$ -	\$ 679,750	\$ 35,000	\$ 245,000	\$ 1,111,851	\$ 2,071,601
Phase Totals After Amend:			\$ -	\$ 679,750	\$ 94,369	\$ 245,000	\$ 1,052,482	\$ 2,071,601
Year Of Expenditure (YOE):								\$ 2,071,601

Notes and Changes

> Exempt Status: Exempt project per 40 CFR 93.126, Table 2 - Safety - Highway Safety Improvement Program implementation.

Reason for Modification and Summary of Changes plus Impacts:

The Administrative Modification shifts HSIP and match from the Construction phase back to ROW to address ROW phase funding needs. The ROW estimate at DAP was estimated for the amount of \$94,369 which is higher than the available ROW fund (\$35,000) by the amount of (\$59,369). The construction cost Estimate at DAP shows the amount of \$1,052,027 (see attachment) which is less than the available fund in the STP (\$1,111,851). The Construction phase can be used to cover the ROW cost increase without needing backfill. A copy of the updated Construction phase cost estimate has been provided. The project name has been updated for clarity and does not represent a scope change

References and Additional Notes:

- > Admin Mod Eligible: The phase fund swap does not result in a cost increase or scope change.
- > 2018 RTP ID: 12095 - Safety & Operations Projects
- > RTP 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.
- > Modeling network: Not a capacity enhancing improvement, but safety improvements are located on various locations with the Metro Motor Vehicle network
- > Model Type: N/A
- > NHS: Yes
- > TCM Project: No
- > On CMP: N/A
- > Performance Measurements Apply: Yes - subcategory = Safety
- > RTP Goal(s): Goal 5 - Safety and Security
- > RTP Goal Description: Objective 5.1 Transportation Safety – Eliminate fatal and severe injury crashes for all modes of travel.
- > ODOT Local Agency Liaison: N/A
- > Project Manager: Rheem Khaki
- > Added Remarks: N/A

Systemic signals and illumination (Beaverton)

KN 20374

DVP Construction Cost Estimate

Project Name:		Systemic signals and illumination (Beaverton)			Client: ODOT	
Corridor Section:		Various			Anticipated Bid Let: Oct. 2021	
County:		Washington County			Key Number: 20374	
Description:		ARTS - Signals, illumination, signs and ADA				
Date:		1/5/2021				
ITEM NO.	BID ITEM CODE	ITEM	UNIT	QUANTITY	UNIT COST	TOTAL PRICE
200 - TEMPORARY FEATURES AND APPURTENANCES						
1	0225-010000A	TEMPORARY WORK ZONE TRAFFIC CONTROL, COMPLETE	LS	1	\$92,000.00	\$92,000.00
2	0225-0154000F	STRIPE REMOVAL	FOOT	156	\$0.75	\$117.00
3	0225-0155100J	LEGEND REMOVAL	SQFT	327	\$8.00	\$2,616.00
4	0225-0156000J	BAR REMOVAL	SQFT	924	\$4.00	\$3,696.00
5	0280-0100000A	EROSION CONTROL, COMPLETE	LS	1	\$4,000.00	\$4,000.00
6	0290-0100000A	POLLUTION CONTROL PLAN	LS	1	\$1,000.00	\$1,000.00
7	0294-0200000M	CONTAMINATED SOIL REMOVAL	TON	300	\$80.00	\$24,000.00
					Subtotal	\$127,429.00
300 - ROADWORK						
8	0305-0100000A	CONSTRUCTION SURVEY WORK	LS	1	\$12,000.00	\$12,000.00
9	0310-0101000F	REMOVAL OF CURBS	FOOT	400	\$10.00	\$4,000.00
10	0310-0102000J	REMOVAL OF WALKS AND DRIVEWAYS	SQYD	300	\$30.00	\$9,000.00
11	0310-0104000E	REMOVAL OF INLETS	EACH	1	\$450.00	\$450.00
12	0310-0119000F	ASPHALT PAVEMENT SAW CUTTING	FOOT	1800	\$8.00	\$14,400.00
13	0320-0100000A	CLEARING AND GRUBBING	LS	1	\$1,500.00	\$1,500.00
14	0330-0105000K	GENERAL EXCAVATION	CUYD	200	\$100.00	\$20,000.00
15	0350-0105000J	SUBGRADE GEOTEXTILE	SQYD	200	\$2.00	\$400.00
					Subtotal	\$61,750.00
400 - DRAINAGE AND SEWERS						
		225H - SW HALL BLVD AT SW NIMBUS AVE				
16	0470-0315000E	CONCRETE INLETS, TYPE CG-3	EACH	1	\$3,000.00	\$3,000.00
17	0490-0104000E	CONNECTION TO EXISTING STRUCTURES	EACH	1	\$1,375.00	\$1,375.00
					225H - Subtotal	\$4,375.00
					Subtotal	\$4,375.00
600 - BASES						
18	0640-0100000M	AGGREGATE BASE	TON	300	\$50.00	\$15,000.00
					Subtotal	\$15,000.00
700 - WEARING SURFACES						
		All Sites				
19	0730-0100000M	EMULSIFIED ASPHALT FOR TACK COAT	TON	1	\$540.00	\$540.00
20	0745-0302000M	LEVEL 3, 1/2 INCH ACP	TON	200	\$225.00	\$45,000.00
21	0745-0640100M	PG 70-22ER ASPHALT IN LEVEL 3 ACP	TON	20	\$575.00	\$11,500.00
22	0759-0103000F	CONCRETE CURBS, CURB AND GUTTER	FOOT	400	\$25.00	\$10,000.00
23	0759-0110000F	CONCRETE CURBS, STANDARD CURB	FOOT	200	\$32.00	\$6,400.00
24	0759-0128000J	CONCRETE WALKS	SQFT	2,500	\$12.00	\$30,000.00
25	0759-0154000E	EXTRA FOR NEW SIDEWALK RAMPS	EACH	10	\$1,850.00	\$18,500.00
26	0759-0510000J	TRUNCATED DOMES ON NEW SURFACES	SQFT	110	\$66.00	\$7,260.00
					All Sites - Subtotal	\$129,200.00
		225H - SW HALL BLVD AT SW NIMBUS AVE				
	0730-0100000M	EMULSIFIED ASPHALT FOR TACK COAT	TON	0.086	\$540.00	\$46.47
	0745-0302000M	LEVEL 3, 1/2 INCH ACP	TON	91	\$225.00	\$20,409.15
	0745-0640100M	PG 70-22ER ASPHALT IN LEVEL 3 ACP	TON	9	\$575.00	\$5,232.50
	0759-0103000F	CONCRETE CURBS, CURB AND GUTTER	FOOT	261	\$25.00	\$6,525.00
	0759-0110000F	CONCRETE CURBS, STANDARD CURB	FOOT	196	\$32.00	\$6,272.00
	0759-0128000J	CONCRETE WALKS	SQFT	1,659	\$12.00	\$19,908.00
	0759-0154000E	EXTRA FOR NEW SIDEWALK RAMPS	EACH	8	\$1,850.00	\$14,800.00
	0759-0510000J	TRUNCATED DOMES ON NEW SURFACES	SQFT	86	\$66.00	\$5,676.00
					225H - Subtotal	\$78,869.13
		112H - SW HALL BLVD AT SW CEDAR HILLS BLVD				
	0730-0100000M	EMULSIFIED ASPHALT FOR TACK COAT	TON	0.016	\$540.00	\$8.68
	0745-0302000M	LEVEL 3, 1/2 INCH ACP	TON	17	\$225.00	\$3,809.90
	0745-0640100M	PG 70-22ER ASPHALT IN LEVEL 3 ACP	TON	2	\$575.00	\$977.50
	0759-0103000F	CONCRETE CURBS, CURB AND GUTTER	FOOT	57	\$25.00	\$1,425.00
	0759-0128000J	CONCRETE WALKS	SQFT	666	\$12.00	\$7,992.00
	0759-0154000E	EXTRA FOR NEW SIDEWALK RAMPS	EACH	2	\$1,850.00	\$3,700.00
	0759-0510000J	TRUNCATED DOMES ON NEW SURFACES	SQFT	20	\$66.00	\$1,320.00
					112H - Subtotal	\$19,233.07
					Subtotal	\$129,200.00
800 - PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES						
27	0867-0103100E	PAVEMENT LEGEND, TYPE B-HS: ARROWS	EACH	4	\$275.00	\$1,100.00
28	0867-0145100J	PAVEMENT BAR, TYPE B-HS	SQFT	919	\$10.00	\$9,190.00
					Subtotal	\$10,290.00

Systemic signals and illumination (Beaverton)

KN 20374

DVP Construction Cost Estimate

ITEM NO.	BID ITEM CODE	ITEM	UNIT	QUANTITY	UNIT COST	TOTAL PRICE
900 - PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS						
7 - ALLEN BLVD: MURRAY BLVD TO WESTERN AVE						
29	0990	TRAFFIC SIGNAL MODIFICATION, SIGNAL HEAD REPLACEMENT	LS	1	\$74,100.00	\$74,100.00
7 - Subtotal					\$74,100.00	
225H - SW HALL BLVD AT SW NIMBUS AVE						
30	0970	ILLUMINATION - COMPLETE	LS	1	\$16,000.00	\$16,000.00
31	0990	TRAFFIC SIGNAL MODIFICATION, NEW	LS	1	\$177,500.00	\$177,500.00
225H - Subtotal					\$193,500.00	
112H - SW HALL BLVD AT SW CEDAR HILLS BLVD						
32	0970	ILLUMINATION - COMPLETE	LS	1	\$11,500.00	\$11,500.00
33	0990	TRAFFIC SIGNAL MODIFICATION, COMPLETE	LS	1	\$65,200.00	\$65,200.00
112H - Subtotal					\$0.00	
Subtotal						\$344,300.00
1000 - RIGHT OF WAY DEVELOPMENT AND CONTROL						
Subtotal						\$0.00
SUBTOTAL FOR CONSTRUCTION B/I's W/O MOBILIZATION, ENGINEERING, CONTINGENCIES OR ANTICIPATED ITEMS						\$692,344.00
34	0210-0100000A	MOBILIZATION	LS	1	10%	\$69,234.40
35	9800-0000150A	CONSTRUCTION ENGINEERING - ODOT	LS	1	\$0.00	\$0.00
36	9800-0000150A	CONSTRUCTION ENGINEERING - CONSULTANT	LS	1	\$74,537.83	\$74,537.83
Subtotal						\$143,772.23
ANTICIPATED ITEMS						
37		CWS STORMWATER MANAGEMENT FEE-IN-LIEU	LS	1	\$3,490.00	\$3,490.00
Subtotal						\$3,490.00
SUBTOTAL FOR CONSTRUCTION W/O CONTINGENCIES						\$839,606.23
38		CONTINGENCIES	LS	1	25.3%	212,420.38
CONSTRUCTION TOTAL						\$1,052,026.61
39		ROW	LS	1	\$94,369.00	\$94,369.00
PROJECT TOTAL WITH ROW (ROUNDED)						\$1,146,396.00
Notes: - Signal Modification New bid item is a new pole foundation and all components. - Illumination - Complete is the pole, foundation and all necessary components. - ODOT Construction Engineering covered in K20376 Estimate/budget - 1000 - ROW Development and Control - Lawn seeding, Topsoil and bark mulch covered under contingency						

2021-24 Metropolitan Transportation Improvement Program (MTIP)

Metro January 2021 Administrative Modification Bundle #3

Modification Number: **AB21-08-JAN3**, Resolution: N/A

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

Project Narratives



Project Summary (#2)

ODOT Key:	20451	MTIP ID: 70996
Project Type:	Existing	Completion Date: 12/31/2022
Name:	OR8 at River Rd	
Lead Agency:	ODOT	
Description:	On OR8 at River Rd from MP 11.17 to MP 11.75, Construct full signal upgrade with illumination and ADA improvements at the SW and SE corner & signal modification at the NW and NE corner at the intersection of OR8 and River Rd in the City of Hillsboro.	
Amending:	<u>SCOPE ADJUSTMENT</u> The admin mod cancels the Other phase due to an adjustment in the project scope. This results in a \$314k cost reduction to the project. The scope adjustment is considered minor.	

Project Details

- MODIFY MTIP SHORT DESCRIPTION by updating for scope adjustment.
 - Delete “On OR 8 at River Rd from 11.17 to MP 11.75”
 - Add : **at the SW and SE corner & signal modification at the NW and NE corner**
 - Revised description is now:
Construct full signal upgrade with illumination and ADA improvements at the SW and SE corner & signal modification at the NW and NE corner at the intersection of OR8 and River Rd in the City of Hillsboro.
- UPDATE MTIP DETAILED DESCRIPTION: Add “**at the SW and SE corner & signal modification at the NW and NE corner**” to the detailed description. Revised Detailed Description is now:
On OR8 at River Rd from MP 11.17 to MP 11.75, construct full signal upgrade with illumination and ADA improvements at the SW and SE corner & signal modification at the NW and NE corner at the intersection of OR8 and River Rd in the City of Hillsboro.

Administrative Amendment Justification

The admin mod cancels the Other phase due to issues with the Railroad resulting in a scope reduction. The scope reduction is minor. The cost change of \$314k equals an 11.9% change and is less than the 20% threshold. Together, the changes are considered within the parameters of an administrative modification.

Project Funding

Preliminary Engineering (PE) Phase:

- No changes
- Total PE phase programming amount remains unchanged at \$1,155,750

Right of Way (ROW) Phase:

- DELETE federal NHPP fund type code (Z001) FY 2021 ROW phase cost of \$82,146
- ADD federal AC-NHPP (92.22%) fund type code (ACP0) in its place FY 2021 ROW phase cost of \$71,009

Funding Change Details

Amendment submission items:

- ✓ Email request for amendment
- ✓ Completed STIP Summary Sheet
- ✓ Completed STIP Impacts Worksheet
- ✓ MTIP Worksheet

The admin mod updates the project descriptions based on the adjusted scope. The row phase is updated for actual obligations. The Other phase is canceled. As a result, the project cost decreased by

2021-24 Metropolitan Transportation Improvement Program (MTIP)

Metro January 2021 Administrative Modification Bundle #3

Modification Number: **AB21-08-JAN3**, Resolution: N/A

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

Project Narratives



- DECREASE State fund type code (match) FY 2021 ROW phase cost from \$9,402 to \$5,991
- Total ROW phase programming decreases from \$91,548 to \$77,000

Other Phase:

- DELETE federal Rail Safety fund type code (LS 40/50) FY 2021 Other phase cost of \$270,000
- DELETE State fund type code (match) FY 2021 Other phase cost of \$30,000
- Total Other phase programming decreases from \$300,000 to \$0

Note: Other phase is canceled as a result of the changes

Construction Phase:

- No changes
- Total Construction phase programming remains unchanged at \$1,102,167
- Total project programming decreases from \$2,649,465 to \$2,334,917

\$314k which equals an 11.9% cost change. The scope adjustment is considered minor and the resulting cost change is less than 20%.

The Rail road restriction and the shortage of the construction budget were the reasons on cutting the scope to keep the project as a maintenance project to avoid triggering upgrading the rail crossing to meet UPRR new standard which will result the need to upgrade the whole intersection and adding the median in River Road which the project didn't scope for it.

MTIP Review & Certification Details

- **Administrative Modification Authorized: Yes.** Minor scope changes are allowable as administrative modifications.
- **Metro Legislation Required: No**
- **MTIP Eligibility Verification: Yes**
 - Includes federal transportation funds: **Yes**
 - Located on the Metro roadway network: **Yes**
 - Provides transportation system improvement: **Yes**
- **Considered a Regionally Significant Project: Yes** – project has federal funds and is located on the Metro Motor Vehicle network
- **Fiscal Constraint Review and Verification: Yes.**
- **RTP Consistency Review: Yes**
 - **In Current RTP: Yes.** Project ID – 12095 - Safety & Operations Projects
 - **RTP 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
 - **Safety and Operations Project**
- **Project located on the National Highway System (NHS): Yes.**
- **Capacity Enhancing Project: No:** The project is not a capacity enhancing project and is considered exempt under 40 CFR 93.127, 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
 - **Objective 5.1 Transportation Safety**
 - **Description:** Complete 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

Key 20451 Summary of Revised Project Scope:

Scope Changes includes: changing the project description to: Full signal upgrade with illumination at the SW and SE corner & signal modification at the NW and NE corner at the intersection of OR8 at River Road in the City of Hillsboro.

The scope changes will delete the following elements from the scope of work in the charter:

- Deleting Upgrading the NW and NE signal with the illumination and the ADA improvement associated with from the scope of work and replace it with the following scope:

- New luminaire pole on the NE corner
- New electrical service
- New signal cabinet on existing foundation
- Remove and replace existing signal wiring in existing conduit
- Install new radar detection for all approaches
- Replace all signal heads to have reflective back plates on all poles.

- Deleting the ADA improvements that is associated with upgrading the signal at the SE and SW corner from the scope of work.

- Deleting Transit stop improvement (Construct concrete bus pad at bus stop) from the scope of work

- Deleting Rail Road features upgrade which includes:

- Relocate the existing Cantilever and crossing gate in SE quadrant, install guard rail.
- A dynamic envelope at the crossing (Pavement marking)
- Repair of the sidewalk profile up to the tracks in the SE quadrant.

Result: Cancel OT phase \$300K and return to Rail bucket of K20352.



Metro
2021-24 Metropolitan Transportation Improvement Program (MTIP)
PROJECT ADMINISTRATIVE MODIFICATION DETAIL WORKSHEET

Administrative Modification
SCOPE ADJUSTMENT
Project Description adjusted and
Other phase canceled

Lead Agency: ODOT		Project Type:	Ops		ODOT Key:	20451	
Project Name: OR8 at River Rd	2	ODOT Type	Safety		MTIP ID:	70996	
		Capacity Enhancing:	No		Status:	5	
Project Status: 5 = (RW) Right-of Way activities initiated including R/W acquisition and/or utilities relocation.		Conformity Exempt:	Yes		Comp Date	12/31/2022	
		Performance Meas:	Yes		RTP ID:	12095	
		On State Hwy Sys:	No		RFFA ID:	N/A	
		Mile Post Begin:	N/A		RFFA Cycle:	N/A	
		Mile Post End:	N/A		UPWP:	No	
		Length:	0		UPWP Cycle:	N/A	
		1st Year Program'd:	2020		Past Amend:	4	
		Years Active:	1		OTC Approval:	No	
		STIP Amend#: 21-24-0502		MTIP Amend#: AB21-08-JAN3			
		Detailed Description: On OR8 at River Rd from MP 11.17 to MP 11.75, construct full signal upgrade with illumination and ADA improvements at the SW and SE corner & signal modification at the NW and NE corner at the intersection of OR8 and River Rd in the City of Hillsboro.					
STIP Description: Full signal upgrade with lighting and curb ramp upgrades at the intersection of OR8 and River Rd in the City of Hillsboro to improve pedestrian safety. Full signal upgrade with illumination at the SW and SE corner & signal modification at the NW and NE corner at the intersection of OR8 at River Road in the City of Hillsboro.							
LAST Amendment or Admin Mod: Administrative - AB20-05-DEC2 - Slip ROW and OTHER phases to 2021,							

PROJECT FUNDING DETAILS

Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other	Construction	Total
Federal Funds								
ADVCON	ACP0	2019		\$ 983,217				\$ 983,217
RHCH	ZS40	2019		\$ 54,000				\$ 54,000
NHPP	Z001	2021			\$ 82,146			\$ -
AC-NHPP (92.22%)	ACP0	2021			\$ 71,009			\$ 71,009
Rail Safety	LS40/50	2021				\$ 270,000		\$ -
NHPP	Z001	2021					\$ 988,974	\$ 988,974
								\$ -
								\$ -
Note:							Federal Totals:	\$ 2,097,200
Fund Obligations Amount:				\$ 1,037,217				Federal Aid #
EA Number:				PE003110	R9669000			SA00269
Known Expenditures:				\$ 301,080	\$ 91			
Initial Obligation Date:				5/2/2019	10/16/2020			
State Funds								
State	Match	2019		\$ 112,533				\$ 112,533
State	Match	2019		\$ 6,000				\$ 6,000
State	Match	2021			\$ 9,402			\$ -
State	Match	2021			\$ 5,991			\$ 5,991
State	Match	2021				\$ 30,000		\$ -
State	Match	2021					\$ 113,193	\$ 113,193
								\$ -
							State Total:	\$ -
Local Funds								
								\$ -
								\$ -
							Local Total	\$ -
Phase Totals Before Amend:			\$ -	\$ 1,155,750	\$ 91,548	\$ 300,000	\$ 1,102,167	\$ 2,649,465
Phase Totals After Amend:			\$ -	\$ 1,155,750	\$ 77,000	\$ -	\$ 1,102,167	\$ 2,334,917
Year Of Expenditure (YOE):								\$ 2,334,917

Notes and Changes

- > Exempt Status: Exempt project per 40 CFR 93.126, Table 2 - Safety - Projects that correct, improve, or eliminate a hazardous location or feature
- > Project adjustments result in a \$314,548 cost change which equals a 11.9% cost change to the project

Reason for Modification and Summary of Changes plus Impacts:

The Administrative Modification deletes the Other phase and returns the funding back to the ODOT Rail program. The ROW phase is updated for actual obligations. The project description is updated to reflect the scope adjustment. The scope adjustment deletes Upgrading the NW and NE signal with the illumination and the ADA improvement associated with from the scope of work. Signal, illumination, and ADA improvements still are occurring. The changes reflect a scope reduction and not a major change. The Rail road restriction and the shortage of the construction budget were the reasons on cutting the scope to keep the project as a maintenance project to avoid triggering upgrading the rail crossing to meet UPRR new standard which will result the need to upgrade the whole intersection and adding the median in River Road which the project didn't scope for it. As a result of the changes, the project cost decreases by \$414,548 which equals a 11.9% cost change to the project and is less than the 20% threshold.

References and Additional Notes:

- > Admin Mod Eligible: The project scope is reduced for budgetary and delivery issues. It does not reflect a major change and the cost change is less than 20%
- > 2018 RTP ID: 12095 - Safety & Operations Projects
- > RTP 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.
- > Modeling network: Non capacity improvement to the Metro Motor Vehicle network
- > Model Type: OR8 is identified as major arterial in the network. River Road is a Minor Arterial in the network
- > NHS: Yes. OR8 is identified a "Other NHS Routes"
- > TCM Project: No
- > On CMP: Yes
- > Performance Measurements Apply: Yes - subcategory = Safety
- > RTP Goal(s): Goal 5 - Safety and Security
- > RTP Goal Description: Objective 5.1 - Transportation Safety – Eliminate fatal and severe injury crashes for all modes of travel.
- > ODOT Local Agency Liaison: N/A
- > Project Manager: N/A
- > Added Remarks: N/A

2021-24 Metropolitan Transportation Improvement Program (MTIP)

Metro January 2021 Administrative Modification Bundle #3Modification Number: **AB21-08-JAN3**, Resolution: N/ANumber of projects within this amendment: **4 total**

Project Narratives

**Project Summary (#3)**

ODOT Key:	20435	MTIP ID: 70988
Project Type:	Existing	Completion Date: 12/31/2023
Name:	OR99W: I-5 - McDonald St	
Lead Agency:	ODOT	
Description:	Repave roadway; upgrade ADA ramps to current standards; improve access management; include pedestrian improvements, and address drainage as needed. Includes full signal upgrade at Johnson/Main.	
Amending:	<u>PHASE FUND SHIFT</u> The admin mod shifts construction to PE to address a PE funding need. No construction phase backfill required. There is no change the total project cost or scope.	

Project Details

- No changes

Administrative Amendment Justification

The fund swap between phases does not result in a scope or cost change allowing the change to occur administratively.

Project Funding**Preliminary Engineering (PE) Phase:**

- INCREASE federal AC-NHPP (89.73%) fund type code (ACP0) FY 2018 PE phase cost from \$1,390,815 to \$2,592,267
- INCREASE State fund type code (match to AC-NHPP) FY 2018 PE phase cost from \$159,185 to \$296,697
Source of additional funds is from the Construction phase.
- Total PE phase programming amount increases from \$3,472,919 to \$4,811,883

Right of Way (ROW) Phase:

- No changes
- Total ROW phase programming remains at \$4,000,000

Construction Phase:

- DELETE federal NHPP fund type code (Z001) FY 2022 Construction phase cost of \$8,020,044
- DELETE State fund type code (match to NHPP) FY 2022 Construction phase cost of \$917,930
- INCREASE federal AC-NHPP (89.73%) fund type code FY 2022 Construction phase from \$4,172,064 to \$10,990,655
- INCREASE State fund type code (match to AC-NHPP) FY 2022 Construction phase cost from \$477,511 to \$1,257,930
- Total Construction phase programming decreases from \$16,587,549 to \$15,248,585

Funding Change Details

Amendment submission items:

- ✓ Email request for amendment
- ✓ Completed STIP Summary Sheet
- ✓ Completed STIP Impacts Worksheet
- ✓ Construction phase Cost Update
- ✓ MTIP Worksheet

The admin mod started based on changes made in a recent admin mod, AB21-07-JAN2 which also occurred in January 2021.

Project reviews indicated PE was short funding while the Construction phase had additional contingency that could be spared without impacting the Construction phase. \$1,338,964 is being shifted from the Construction phase to PE to cover the funding shortfall. An updated Construction phase cost estimate indicates backfill is not required. No scope is occurring. Total project cost remains unchanged at \$24,060,468

2021-24 Metropolitan Transportation Improvement Program (MTIP)

Metro January 2021 Administrative Modification Bundle #3

Modification Number: **AB21-08-JAN3**, Resolution: N/A

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

Project Narratives



- Total project programming remains unchanged at \$24,060,468

MTIP Review & Certification Details

- **Administrative Modification Authorized: Yes.** Phase fund swaps where no cost change occurs or scope change are allowable as Administrative Modifications.
- **Metro Legislation Required: No**
- **MTIP Eligibility Verification: Yes**
 - Includes federal transportation funds: **Yes**
 - Located on the Metro roadway network: **Yes**
 - Provides transportation system improvement: **Yes**
- **Considered a Regionally Significant Project: Yes** – project has federal funds and is located on the Metro Motor Vehicle network
- **Fiscal Constraint Review and Verification: Yes.**
- **RTP Consistency Review: Yes**
 - **In Current RTP: Yes.** Project ID – 12095 - Safety & Operations Projects
 - **RTP 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
 - **Safety and Operations Project**
- **Project located on the National Highway System (NHS): Yes.**
- **Capacity Enhancing Project: No:** The project is not a capacity enhancing project and is considered exempt under 40 CFR 93.127, 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
 - **Objective 5.1 Transportation Safety**
 - **Description:** Complete 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



Metro

2021-24 Metropolitan Transportation Improvement Program (MTIP)
PROJECT ADMINISTRATIVE MODIFICATION DETAIL WORKSHEET

Administrative Modification
PHASE FUND SHIFT
Shift a portion of Construction funds
to PE

Lead Agency: ODOT		Project Type:	Preserve	ODOT Key:	20435
Project Name: OR99W: I-5 - McDonald St	3	ODOT Type	Preserve	MTIP ID:	70988
		Capacity Enhancing:	No	Status:	5
Project Status: 5 = (RW) Right-of Way activities initiated including R/W acquisition and/or utilities relocation.		Conformity Exempt:	Yes	Comp Date	12/31/2023
		Performance Meas:	Yes	RTP ID:	12095
Short Description: Repave roadway; upgrade ADA ramps to current standards; improve access management; include pedestrian improvements, and address drainage as needed. Includes full signal upgrade at Johnson/Main.		On State Hwy Sys:	OR99W	RFFA ID:	N/A
		Mile Post Begin:	7.47	RFFA Cycle:	N/A
		Mile Post End:	10.29	UPWP:	No
		Length:	2.89	UPWP Cycle:	N/A
		1st Year Program'd:	2018	Past Amend:	6
		Years Active:	4	OTC Approval:	No
		STIP Amend#:	21-24-0501	MTIP Amend#:	AB21-08-JAN3
Detailed Description: On OR99W from I-5 to McDonald St (MP 7.47 to 10.29) north of King City, repave roadway, fill in sidewalk and bike lane gaps, upgrade ADA ramps to current standards, improve access management, and address drainage as needed. Includes full signal upgrade at Johnson/Main. This project will repair rutting and surface damage from vehicles and allow safer travel for motor vehicle operators, bicycle riders and pedestrians.					
STIP Description: Repave roadway, fill in sidewalk and bike lane gaps, upgrade curb ramps to current standards, improve access management, and address drainage as needed. Includes full signal upgrade at Johnson/Main. This project will repair rutting and surface damage from vehicles and allow safer travel for motor vehicle operators, bicycle riders and pedestrians.					

LAST Amendment or Admin Mod: 6th Amendment - January 2021 - Administrative - AB21-07-JAN2 - Add \$3 million to construction phase

PROJECT FUNDING DETAILS

Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
Federal Funds								
NHPP	Z001	2018		\$ 1,725,435				\$ 1,725,435
AC-NHPP (89.73)	ACP0	2018		\$ 1,390,815				\$ -
AC-NHPP (89.73)	ACP0	2018		\$ 2,592,267				\$ 2,592,267
AC-NHPP (89.73)	ACP0	2020			\$ 3,154,332			\$ 3,154,332
NHPP	Z001	2020			\$ 360,715			\$ 360,715
AC-NHPP (89.73)	ACP0	2022					\$ 4,172,064	\$ -
AC-NHPP (89.73)	ACP0	2022					\$ 10,990,655	\$ 10,990,655
NHPP	Z001	2022					\$ 8,020,044	\$ -
								\$ -
Note:							Federal Totals:	\$ 18,823,404
Fund Obligations Amount:				\$ 3,116,250	\$ 3,515,047			Federal Aid ID
EA Number:				PE002905	R9599000			S091(090)
Initial Obligation Date:				2/21/2018	9/18/2020			
State Funds								
State	Match	2018		\$ 197,484				\$ 197,484
State	Match	2018		\$ 159,185				\$ -
State	Match	2018		\$ 296,697				\$ 296,697
State (AC)	Match	2020			\$ 361,027			\$ 361,027
State (NHPP)	Match	2020			\$ 41,285			\$ 41,285
HB2017	S070	2020			\$ 82,641			\$ 82,641
State (AC)	Match	2022					\$ 477,511	\$ -
State (NHPP)	Match	2022					\$ 917,930	\$ -
State (AC)	Match	2022					\$ 1,257,930	\$ 1,257,930
Bikeways	S080	2022					\$ 3,000,000	\$ 3,000,000
							State Total:	\$ 5,237,064

Local Funds							
							\$ -
							\$ -
							\$ -
							Local Total \$ -
Phase Totals Before Amend:	\$ -	\$ 3,472,919	\$ 4,000,000	\$ -	\$ 16,587,549	\$ 24,060,468	
Phase Totals After Amend:	\$ -	\$ 4,811,883	\$ 4,000,000	\$ -	\$ 15,248,585	\$ 24,060,468	
Year Of Expenditure (YOE):							\$ 24,060,468
Notes and Changes							
> Exempt Status: Exempt project per 40 CFR 93.126, Table 2 - Safety: Projects that correct, improve, or eliminate a hazardous location or feature.							
Reason for Modification and Summary of Changes plus Impacts:							
The Administrative Modification shifts construction phase funding to PE to address a PE funding shortfall. The updated construction phase cost summary indicates no backfill is required. The total project cost remains unchanged at \$24,060,468							
References and Additional Notes:							
> Admin Mod Eligible: Fund shifts between phases with no scope or cost changes are allowable as administrative modifications.							
> 2018 RTP ID: 12095 - Safety & Operations Projects							
> RTP 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.							
> Modeling network: Motor Vehicle							
> Model Type: OR99W is identified as a major arterial in the Metro Motor Vehicle modeling network and a Pedestrian Parkway in the Pedestrian network. The roadway improvements are not capacity enhancing.							
> NHS: Yes. OR99W is defined as an "Other NHS Routes" on the NHS system							
> TCM Project: No							
> On CMP: Yes							
> Performance Measurements Apply: Yes - subcategory = Safety							
> RTP Goal(s): Goal 5: Safety and Security							
> RTP Goal Description: Objective 5.1 - Transportation Safety – Eliminate fatal and severe injury crashes for all modes of travel..							
> ODOT Local Agency Liaison: N/A							
> Project Manager: N/A							
> Added Remarks: N/A							

20435 original estimate

	STIP	Estimated	Delta
PE	\$1,922,919	\$4,300,081	\$2,377,162
ROW	\$1,099,575	\$1,750,000	\$650,425
CN	\$9,360,805	\$14,562,088	\$5,201,283
Total	\$12,383,299	\$20,612,169	\$8,228,870

amendment 11/23/2020

	STIP	Estimated	Delta
PE	\$3,472,919	\$4,818,924	\$1,346,005
ROW	\$4,000,000	\$4,000,000	\$0
CN	\$16,587,549	\$15,241,544	\$1,346,005
Total	\$24,060,468	\$24,060,468	\$0

CN

roadway	\$4,673,388		
other	\$69,500	bridge	\$18,500
hydro	\$1,494,800	PI	\$50,000
traffic	\$1,150,400	Hazmat soil	\$1,000
subtotal	\$7,388,088	subtotal	\$69,500
20% CE	\$1,477,618		
subtotal	\$8,865,706		
30% CT	\$2,659,712		
total	\$11,525,417		

johnson main signal

PI	\$20,000
electrical	\$10,000
hazmat	\$2,000
hydro	\$19,025
*buspad	\$25,000
roadway	\$209,570
traffic	\$569,000
subtotal	\$854,595
20% CE	\$170,919
subtotal	\$1,025,514
30% CT	\$307,654
total	\$1,333,168

Total	sidewalk bid items
\$12,858,585	\$2,390,000
	\$15,248,585

REASONS FOR INCREASE

CN	CURB RAMP COUNT INCREASED FROM 84 TO 110
	GUARDRAIL
	DEEP PAVEMENT REPAIR
ROW	84 files at \$20,000 each

OPTIONS FOR DECREASING COSTS

SHORTEN PAVING TO MEET CN BUDGET
 WOULD REDUCE PAVEMENT AND CURB RAMPS
 PE IS ALREADY NEGOTIATED

2021-24 Metropolitan Transportation Improvement Program (MTIP)

Metro January 2021 Administrative Modification Bundle #3

Modification Number: **AB21-08-JAN3**, Resolution: N/A

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

Project Narratives



Project Summary (#4)

ODOT Key:	21496	MTIP ID: 71076
Project Type:	Existing	Completion Date: 12/31/2022
Name:	NE Airport Way Arterial Corridor Management	
Lead Agency:	Portland	
Description:	ATCMTD child project to deploy ITS infrastructure along Airport Way from 82nd Ave to Riverside Parkway including Install message signs , updating signal collectors, CCTV cameras, fiber communication, etc.	
Amending:		

Project Details

- MODIFY THE MTIP SHORT DESCRIPTION
 - Add “**including**” after Riverside Parkway
 - Delete “**Install message signs**” from the description
 - Revised Short Description is now:
ATCMTD child project to deploy ITS infrastructure along Airport Way from 82nd Ave to Riverside Parkway including updating signal collectors, CCTV cameras, fiber communication, etc.
- MODIFY DETAILED DESCRIPTION:
 - Strike “**Install electronic message signs**” from the Detailed Description. The revised Detailed Description is now:
One of 9 child projects from the parent ODOT ATCMTD statewide ITS grant will update traffic signal controllers, CCTV cameras, truck priority, traffic monitoring stations, fiber communication, and integrate these devices with the City’s, ODOT’s, and TriMet’s Transportation Operation Centers. This project is part of the larger City and Regional Advanced Traffic Management System (ATMS) objectives.

Administrative Amendment Justification

The scope adjustment is minor and does not impact the project cost.

Project Funding

Preliminary Engineering (PE) Phase:

- No changes
- Total PE phase programming amount remains unchanged at \$110,000

Other Phase:

- No changes
- Total Other phase programming remains unchanged at \$50,000

Construction Phase:

- No changes
- Total Construction phase programming remains unchanged at \$1,040,000

Funding Change Details

Amendment submission items:

- ✓ Email request for amendment
- ✓ Completed STIP Summary Sheet
- ✓ Completed STIP Impacts Worksheet
- ✓ MTIP Worksheet

The admin mod reduces the scope to eliminate the changeable message signs as part of the scope. The project is 100% federal and the initial cost elements were underestimated resulting in the scope adjustment. There is no change in total project cost..

2021-24 Metropolitan Transportation Improvement Program (MTIP)

Metro January 2021 Administrative Modification Bundle #3

Modification Number: **AB21-08-JAN3**, Resolution: N/A

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

Project Narratives



- Total project programming remains unchanged at \$1,200,000

MTIP Review & Certification Details

- **Administrative Modification Authorized: Yes.** Minor scope changes are authorized to be completed as Administrative Modifications.
- **Metro Legislation Required: No**
- **MTIP Eligibility Verification: Yes**
 - Includes federal transportation funds: **Yes**
 - Located on the Metro roadway network: **Yes**
 - Provides transportation system improvement: **Yes**
- **Considered a Regionally Significant Project: Yes** – project has federal funds and is located on the Metro Motor Vehicle network
- **Fiscal Constraint Review and Verification: Yes.**
- **RTP Consistency Review: Yes**
 - **In Current RTP: Yes.** Project ID – 11104 - Regional TSMO Program Investments for 2018-2027
 - **RTP 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): Yes.**
- **Capacity Enhancing Project: No:** The project is not a capacity enhancing project and is considered exempt under 40 CFR 93.127, Table 2 – Safety – Traffic control devices and operating assistance other than signalization projects.
- **Satisfies 2018 RTP Goals and Strategies: Yes.** Goal #4 – Reliability and Efficiency
 - **Objective 4.3 - Travel Information**
 - **Description:** Complete Increase the number of travelers, households and businesses with access to real-time comprehensive, integrated, and universally accessible travel information.
- **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



Metro
2021-24 Metropolitan Transportation Improvement Program (MTIP)
PROJECT ADMINISTRATIVE MODIFICATION DETAIL WORKSHEET

Administrative Modification
SCOPE ADJUSTMENT
Reduce scope by dropping CMS
from scope

Lead Agency: Portland		Project Type:	TSMO/ITS		ODOT Key:	21496
Project Name: NE Airport Way Arterial Corridor Management	4	ODOT Type	ITS		MTIP ID:	71076
		Capacity Enhancing:	No		Status:	4
Project Status: 4 = (PS&E) Planning Specifications, & Estimates (final design 30%, 60%, 90% design activities initiated).		Conformity Exempt:	Yes		Comp Date	12/31/2022
		Performance Meas:	Yes		RTP ID:	11104
		On State Hwy Sys:	No		RFFA ID:	N/A
		Mile Post Begin:	N/A		RFFA Cycle:	N/A
		Mile Post End:	N/A		UPWP:	No
		Length:	0		UPWP Cycle:	N/A
		1st Year Program'd:	2020		Past Amend:	0
		Years Active:	2		OTC Approval:	No
		STIP Amend#: 21-24-0424		MTIP Amend#: AB21-08-JAN3		
		Detailed Description: One of 9 child projects from the parent ODOT ATCMTD statewide ITS grant will install electronic message signs , update traffic signal controllers, CCTV cameras, truck priority, traffic monitoring stations, fiber communication, and integrate these devices with the City's, ODOT's, and TriMet's Transportation Operation Centers. This project is part of the larger City and Regional Advanced Traffic Management System (ATMS) objectives.				
STIP Description: Installation of traffic signal controllers, CCTV cameras, fiber communication and other infrastructure along Airport Way from 82nd Ave to Riverside Parkway which will be integrated into the City's, ODOT's and TriMet's Transportation Operation Centers.						
LAST Amendment or Admin Mod: None. This is the first amendment to the project						

PROJECT FUNDING DETAILS

Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Construction	Other (ConOPs, SysTest)	Total
Federal Funds								
ATCMTD	Z44A	2020		\$ 110,000				\$ 110,000
ATCMTD	Z44A	2021					\$ 50,000	\$ 50,000
ATCMTD	Z44A	2021				\$ 1,040,000		\$ 1,040,000
								\$ -
								\$ -
Note: Parent project provides the match. Child project such as this one is programmed at 100% federal							Federal Totals:	\$ 1,200,000
Fund Obligations Amount:				\$ 110,000				Federal Aid ID
EA Number:				\$ 2,912				5900(312)
EA Number:				PE003178				
Initial Obligation Date:				3/3/2020				
State Funds								
							\$	-
							\$	-
							State Total:	\$ -
Local Funds								
							\$	-
							\$	-
							Local Total	\$ -
Phase Totals Before Amend:			\$ -	\$ 110,000	\$ -	\$ 1,040,000	\$ 50,000	\$ 1,200,000
Phase Totals After Amend:			\$ -	\$ 110,000	\$ -	\$ 1,040,000	\$ 50,000	\$ 1,200,000
Year Of Expenditure (YOE):								\$ 1,200,000

Notes and Changes

> Exempt Status: Exempt project per 40 CFR 93.126, Table 2 - Safety - Traffic control devices and operating assistance other than signalization projects.

Reason for Modification and Summary of Changes plus Impacts:

The Administrative Modification deletes the "Changeable Message Signs" as part of the scope of work due to revised costs for the project. The project is 100% federally funded and the scope must fit within the allocated budget. Dropping the CMS is a minor adjustment, but keeps the project within budget. The project description is updated to reflect this. There is no cost change as part of the scope adjustment.

References and Additional Notes:

- > Admin Mod Eligible: The scope reduction is minor compared to other over planned improvements. Minor scope changes are allowable as administrative modifications.
- > 2018 RTP ID: 11104 - Regional TSMO Program Investments for 2018-2027
- > RTP 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.
- > Modeling network: Motor Vehicle network. The improvements are exempt and fall under safety improvement in 40 CFR 93.126.
- > Model Type: Major Arterial in the Motor Vehicle Network
- > NHS: Yes, designated as a MAP-21 Principal Arterials
- > TCM Project: No
- > On CMP: No
- > Performance Measurements Apply: Yes, possibly safety
- > RTP Goal(s): Goal 4 - Reliability and Efficiency
- > RTP Goal Description: Objective 4.3 Travel Information – Increase the number of travelers, households and businesses with access to real-time comprehensive, integrated, and universally accessible travel information.
- > ODOT Local Agency Liaison: N/A
- > Project Manager: N/A
- > Added Remarks: N/A