

**2018-2021 Metropolitan Transportation Improvement Program
Exhibit A to Resolution 20-5082**



Proposed March 2020 Formal Amendment Bundle Amendment Type: Formal/Full Amendment #: MR20-09-MAR Total Number of Projects: 11					
ODOT Key #	MTIP ID #	Lead Agency	Project Name	Project Description	Description of Changes
Project #1 Key 20300	70941	ODOT	US26: OR217 - Cornell Rd	Repave mainline of roadway to improve pavement condition and extend service life. Apply high friction surface pavement treatment ADD --> (HFST) on OR217 at US26 westbound ramp curved section to help drivers maintain control of vehicles in wet conditions. Bridge maintenance on the structure over OR217 to prevent deterioration.	<u>ADD FUNDING</u> The formal amendment advances \$111,839 from future draft 2021-24 STIP for current PE phase needs. Description details are added for clarification. Construction phase is planned for FY 2021 and is programmed in the new draft 2021-24 STIP
Project #2 Key 20382	70859	ODOT Multnomah County	Morrison Street: Willamette River (Morrison) Br -Bridge	Remove existing lead-based paint and apply new protective paint. Remove current debris from bridge bearings; paint. Add a maintenance access catwalk for the fixed river spans.	<u>COST INCREASE:</u> The formal amendment adds \$5 million to the construction phase increasing it to \$24,357,432 and advances it forward to FY 2020. The Lead Agency for the project is corrected to be Multnomah County as well.
Project #3 Key 20471	70999	ODOT	OR99W: Tualatin River Northbound Bridge	On OR99W near King City replace the current structural overlay and joints to maintain the bridge condition and structure safety. (HB2017 Awarded Project \$1,202,900 Original Award).	<u>ADD PHASE:</u> The formal amendment adds the construction phase to the project which was pushed out to 2021 and is now being advanced forward into 2020.

ODOT Key #	MTIP ID #	Lead Agency	Project Name	Project Description	Description of Changes
Project #4 Key 21610 NEW PROJECT	TBD	ODOT	Portland Metro & Surrounding Area Rockfall Mitigation Study	An ODOT regional study encompassing the counties of Clackamas, Hood River, Multnomah, and Washington County to identify rockfall risks and tree hazards to develop a mitigation strategy and help ensure the roadway remains from these type of threats throughout ODOT Region 1.	<u>ADD NEW PROJECT:</u> The formal Amendment advances the project study from the 2021-24 STIP forward to the 2018-2021 MTIP to be obligated and implemented before the end of FY 2020
Project #5 Key 22106 NEW PROJECT	TBD	ODOT	Portland Metro Area Bus-On-Shoulder Pilot Study	An ODOT Study to evaluate the Portland area metro freeway system to identify bus-on-shoulder opportunities	<u>ADD NEW PROJECT:</u> The formal Amendment advances the project study from the 2021-24 STIP forward into FY 2020 to be obligated and implemented before the end of FY 2020
Project #6 Key 21707 NEW PROJECT	TBD	ODOT	US30B: St Johns (Willamette River) Bridge	Design for future repairs of the columns and arched concrete connection between the columns to prevent concrete fragments breaking off and falling from the structure. This project will increase safety and extend the life of the structure.	<u>ADD NEW PROJECT</u> The formal amendment advances the project Preliminary Engineering (PE) phase from the 2021-24 STIP and from FY 2021 to FY 2020 into the current 2018021 STIP and MTIP. Only the PE phase is being added to the 2018-21 MTIP and STIP.
Project #7 Key 21710 NEW PROJECT	TBD	ODOT	US30: Troutdale (Sandy River Bridge)	Design for future repair of bridge footing erosion to protect the structure from further damage.	<u>ADD NEW PROJECT</u> The formal amendment advances the project Preliminary Engineering (PE) phase from the 2021-24 STIP and from FY 2021 to FY 2020 into the current 2018021 STIP and MTIP. Only the PE phase is being added to the 2018-21 MTIP and STIP.

ODOT Key #	MTIP ID #	Lead Agency	Project Name	Project Description	Description of Changes
Project #8 Key 21712 NEW PROJECT	TBD	ODOT	OR99W: Rock Creek Bridge	Design for future installation of new bridge rail to meet current safety standards.	<u>ADD NEW PROJECT</u> The formal amendment advances the project Preliminary Engineering (PE) phase from the 2021-24 STIP and from FY 2021 to FY 2020 into the current 2018021 STIP and MTIP. Only the PE phase is being added to the 2018-21 MTIP and STIP.
Project #9 Key 21882 NEW PROJECT	TBD	ODOT	Hawthorne Bridge Ramp to OR99E (Portland)	Design for future replacement of the bridge driving surface and repair of the joints on the east and west approaches to repair vehicle damage (Bridge #02757A)	<u>ADD NEW PROJECT</u> The formal amendment advances the project Preliminary Engineering (PE) phase from the 2021-24 STIP and from FY 2021 to FY 2020 into the current 2018021 STIP and MTIP. Only the PE phase is being added to the 2018-21 MTIP and STIP.
Project #10 Key TBD NEW PROJECT	TBD	TriMet	TriMet Operator Safety and Rider Awareness	Develop and disseminate educational material for riders on how to identify and report potential risks to riders and operators and install digital displays at key transit centers to share information on safety-related topics	<u>ADD NEW PROJECT</u> The formal amendment adds TriMet's new discretionary Section 5312 grant from the Federal Transit Administration's (FTA) Human Trafficking Awareness & Public Safety Initiative Grant and Cooperative Agreement funding program.

ODOT Key #	MTIP ID #	Lead Agency	Project Name	Project Description	Description of Changes
Project # Key 20849	70935	TriMet	Red Line Extension to Gateway Double Track Project	Constructing pocket track at Fair Complex/Hillsboro Airport MAX station combined with new track work and a new station at Gateway and new track work at Portland Airport MAX station to improve system operations. Programmed funds for project development	<u>ADVANCE & ADD PHASES:</u> The formal amendment adds the full transit final engineering programming needs (project specifications and Estimates) to complete final design and project costs, adds the Right of Way and Construction phases, plus adds the rail car procurement separate from construction in the Other phase. The total programming amount is \$206 million.
<p>ADDED Note for Key 20849: Per official comment received from TriMet through a 2/27/2020 teleconference, Key 20849, Red Line Extension project is being removed from the March 2020 MTIP Formal Amendment bundle. It will be re-submitted next month as part of the April 2020 MTIP Formal Amendment bundle. The reason for the removal stems from the Federal Transit Agency denial to allow the full project to be programmed prior to award of the FTA Section 5309 Small Starts grant. The final engineering requirements can be added to the MTIP into the Preliminary Engineering phase currently. However, TriMet has requested additional time to refine the final engineering funding composition and costs. Rather than provide soft cost estimates now that will trigger additional amendments, Metro agrees with TriMet that this is a more efficient approach. As of 2/28/2020, Key 20849 is removed from the March 2020 MTIP Formal Amendment bundle. - Ken Lobeck, Metro Funding Programs Lead</p>					
Project #11 Key 20329	71056	West Linn	OR43: Arbor Dr - Hidden Springs Rd	Construct a new cycle track and sidewalk along OR-43 from Arbor Dr to Hidden Springs Rd and construct about 7500 sq ft. of new road extending Hidden Springs Rd to Old River Rd (19-21 RFFA award project)	<u>SCOPE CHANGE:</u> The formal amendment adjusts the project scope to fit within the budget constraints. Upon review of the project scope elements, project design and construction phases were identified as insufficiently funded. After the evaluation and advanced scoping efforts, the project will move forward with constructing the southern portion of the project (Hidden Springs to Cedar Oaks) and the Marylhurst intersection



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

Formal Amendment
ADD FUNDING
4th Amendment to Project

Lead Agency: ODOT			1		Project Type: O&M		ODOT Key: 20300 MTIP ID: 70941 Status: 4 Comp Date: 12/31/2022 RTP ID: 12094 RFFA ID: N/A RFFA Cycle: N/A UPWP: Yes Past Amend: 0 OTC Approval: No MTIP Amnd #: MR20-09-MAR	
Project Name: US26: OR217 - Cornell Rd Project Status: 4 = (PS&E) Planning Specifications, & Estimates (final design 30%, 60%,90% design activities initiated). Short Description: Repave mainline of roadway to improve pavement condition and extend service life. Apply high friction surface pavement treatment. ADD --> (HFST) on OR217 at US26 westbound ramp curved section to help drivers maintain control of vehicles in wet conditions. Bridge maintenance on the structure over OR217 to prevent deterioration.					ODOT Type: Preserve			
					Performance Meas: Yes			
					Capacity Enhancing: No			
					Conformity Exempt: Yes			
					On State Hwy Sys: US26			
					Mile Post Begin: 66.35			
					Mile Post End: 69.19			
			1st Year Program'd: 2019					
			Years Active: 2					
			STIP Amend #: 18-21-3620					
Detailed Description: none --> ADD On US26 from OR217 eastbound to just slightly past Cornell Rd (MP 66.35 to 69.19), repave approximately 2.84 miles of roadway mainline for pavement condition improvement needs and to extend service life and include bridge maintenance over OR 217 (Bridges #06980A and #09345). Apply High friction surface pavement treatment (HSFT) as safety treatment to roadway.								
STIP Description: Repave roadway and ramps to improve pavement condition, extend service life and maintain safety standards. Apply high friction surface pavement treatment (HFST) on OR217 at US26 westbound ramp curved section to help drivers maintain control of vehicles in wet conditions. Bridge maintenance on the structure over OR217 to prevent deterioration.								
PROJECT FUNDING DETAILS								
Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
Federal Funds								
NHPP	Z001	2019		\$ 404,097				\$ -
ADVCON	ACP0	2019		\$ 493,202				\$ -
ADVCON	ACP0	2019		\$ 1,000,438				\$ 1,000,438
ADVCON	ACP0	2020			\$ 179,460			\$ 179,460
							Federal Totals:	\$ 1,179,898
Federal Fund Obligations:								Federal Aid ID
EA Number:								
Initial Obligation Date:								

State Funds							
State	Match	2019	-	\$ 46,251			\$ -
State	Match	2019		\$ 56,449			\$ -
State	Match	2019		\$ 111,401			\$ 111,401
State	Match	2020			\$ 20,540		\$ 20,540
State Total:							\$ 20,540
State Fund Obligations:							
EA Number:							
Initial Obligation Date:							
Local Funds							
							\$ -
							\$ -
Local Total							\$ -
Phase Totals Before Amend:			\$ -	\$ 999,999	\$ -	\$ -	\$ 999,999
Phase Totals After Amend:				\$ 1,111,839	\$ 200,000	\$ -	\$ 1,311,839
Year Of Expenditure (YOE):							\$ 10,592,050
Notes and Summary of Changes:							
<p>> Red font = prior amended funding or project details. Blue font = amended changes to funding or project details. Black font indicates no change has occurred.</p> <p>> Construction phase estimate per draft 2021-24 STIP is \$9,268,975. Estimated total project cost is \$10,592,050</p> <p>> Construction phase is planned for FY 2021 and is added currently included in the 2021-24 draft STIP document in Key 20300.</p>							
Amendment Summary:							
<p>> The formal amendment advances \$111,839 from future draft 2021-24 STIP for current PE phase needs. Description details are added for clarification. Construction phase is planned for FY 2021 and is programmed in the new draft 2021-24 STIP. The construction phase will be added to the 2021-26 MTIP as well. A formal amendment is required as funding from outside the constrained 2018-21 STIP are being advanced into the current 2018-21 STIP and MTIP. An ARTS project to apply high friction surface pavement treatment (HFST) on OR217 at the US26 westbound ramp was selected for the 21-24 STIP. This project will help drivers maintain control of vehicles in wet conditions, increasing safety. The location of this ARTS project aligns with current STIP project US26: OR217 - Cornell Rd (K20300), which is presently in design. We therefore propose to add the ARTS project to K20300, enabling faster and more efficient delivery of this critical safety treatment. This entails advancing \$111,839 in 21-24 ARTS funding to the PE phase of K20300.</p> <p>> Will Performance Measurements Apply: Yes</p>							

RTP References:

- > RTP ID: 12094 - Highway Pavement Maintenance
- > RTP Description: Pavement rehabilitation/repair projects includes overlays, slurry seals, full pavement replacement, and other minor roadway improvements (curb and gutters, adding/widening shoulders) that do not add motor vehicle capacity.

Fund Codes:

- > NHPP = Federal National Highway Performance Program funding allocated to ODOT
- > ADVCON = Federal Advance Construction fund type code used as a placeholder when the actual federal fund type code is not known or available to be committed to the project. This allows ODOT the ability to continue charging to the project phase until the federal conversion code is determined.
- > State = General state funds provided by the lead agency as part of the required match or to cover overmatching project costs and needs.



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

Formal Amendment
COST INCREASE
2nd Amendment to Project

Lead Agency: ODOT Multnomah County			2		Project Type: Bridge		ODOT Key: 20382	
Project Name: Morrison Street: Willamette River (Morrison) B+ Bridge Project Status: 4 = (PS&E) Planning Specifications, & Estimates (final design 30%, 60%,90% design activities initiated). Short Description: Remove existing lead-based paint and apply new protective paint. Remove current debris from bridge bearings; paint. Add a maintenance access catwalk for the fixed river spans.					ODOT Type: Bridge		MTIP ID: 70859	
					Performance Meas: Yes		Status: 4	
					Capacity Enhancing: No		Comp Date: 12/31/2021	
					Conformity Exempt: Yes		RTP ID: 12092	
					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: SFY 20	
					1st Year Program'd: 2018		Past Amend: 1	
			Years Active: 3		OTC Approval: Yes			
			STIP Amend #: 18-21-3582		MTIP Amnd #: MR20-09-MAR			
Detailed Description: None currently								
STIP Description: Remove existing lead-based paint and apply new protective paint. Remove current debris from bridge bearings, paint. Add a maintenance access catwalk for the fixed river spans.								
PROJECT FUNDING DETAILS								
Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
Federal Funds								
NHPP	Z001 MOE1	2018		\$ 1,783,840				\$ 1,783,840
NHPP	Z001	2020					\$ 17,369,424	\$ 17,369,424
ADVCON	ACP0	2020					\$ 4,486,500	\$ 4,486,500
								\$ -
							Federal Totals:	\$ 23,639,764
Federal Fund Obligations:								Federal Aid ID
EA Number:								
Initial Obligation Date:								

State Funds								
								\$ -
								\$ -
							State Total:	\$ -
State Fund Obligations:								
EA Number:								
Initial Obligation Date:								
Local Funds								
Local	Match	2018		\$ 204,168				\$ 204,168
Local	Match	2020					\$ 1,988,008	\$ 1,988,008
Local	Match	2020					\$ 513,500	\$ 513,500
							Local Total	\$ 513,500
Phase Totals Before Amend:			\$ -	\$ 1,988,008	\$ -	\$ -	\$ 19,357,432	\$ 21,345,440
Phase Totals After Amend:				\$ 1,988,008	\$ -	\$ -	\$ 24,357,432	\$ 26,345,440
Year Of Expenditure (YOE):								\$ 26,345,440
Notes and Summary of Changes:								
Red font = prior amended funding or project details. Blue font = amended changes to funding or project details. Black font indicates no change has occurred. > Cost change in adding \$5 million = 23.4% cost in crease which exceeds the 20% threshold for \$1 million dollar or greater project costs.								
Amendment Summary:								
The formal amendment adds \$5 million to the construction phase and advances it forward to FY 2020. Previously, Multnomah County had been awarded \$21,345,440 for K20382, a paint project on the main spans of Morrison Bridge. The award for K20382 was less than the County had originally requested (\$26,586,000). Since that time, County's design consultant has performed estimates for the cost of various combinations of work on the bridge, and has determined that by transferring \$5,000,000 from the 21-24 project to K20382, they can complete the entire original scope of the paint project and paint all of the portions of Morrison Bridge over the Willamette River. The Local Bridge Program has approved their request to transfer/advance \$5M from Draft STIP K21884 to K20382.								
> Will Performance Measurements Apply: Yes								

RTP References:

- > RTP ID: 12092 - Bridge Rehabilitation & Repair
- > RTP Description: Projects to repair or rehabilitate bridges, such as painting, joint repair, bridge deck repair, seismic retrofit, etcetera, that do not add motor vehicle capacity.
- > Exemption Status: Project is an exempt, non-capacity type project per 40 CFR 93.126, Table 2 - Safety - Widening narrow pavements or reconstructing bridges (no additional travel lanes).

Fund Codes:

- > NHPP = Federal National Highway Performance Program funding allocated to ODOT
- > ADVCON = Federal Advance Construction fund type code used as a placeholder when the actual federal fund type code is not known or available to be committed to the project. This allows ODOT the ability to continue charging to the project phase until the federal conversion code is determined.
- > Local = General local agency funds provided by the lead or supporting agency as part of the required match, or to cover overmatching project costs and needs

Other

- > NHS Route: No
- > Metro Modeling Network: Yes - Motor Vehicle Network
- > ID Type: Major Arterial
- > Regionally Significant Project: Yes



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

Formal Amendment
ADD PHASE
4th Amendment to Project

Lead Agency: ODOT			3	Project Type:	Bridge	ODOT Key: 20471	MTIP ID: 70999	Status: 4	Comp Date: 12/1/2022		
Project Name: OR99W: Tualatin River Northbound Bridge Project Status: 4 = (PS&E) Planning Specifications, & Estimates (final design 30%, 60%, 90% design activities initiated). Short Description: On OR99W near King City replace the current structural overlay and joints to maintain the bridge condition and structure safety. (HB2017 Awarded Project \$1,202,900 Original Award).				ODOT Type	Bridge					RTP ID:	12092
				Performance Meas:	Yes					RFFA ID:	N/A
				Capacity Enhancing:	No					RFFA Cycle:	N/A
				Conformity Exempt:	Yes					UPWP:	N/A
				On State Hwy Sys:	US30					UPWP Cycle:	N/A
				Mile Post Begin:	5.23					Past Amend:	4
				Mile Post End:	6.46					OTC Approval:	Yes
				Length:	N/A						
				1st Year Program'd:	2018						
			Years Active:	3							
			STIP Amend #: 18-21-3585		MTIP Amend #: MR20-09-MAR						
Detailed Description: On OR99W near King City (from MP 12.12 to MP 12.23) near SW Hazelbrook Rd, replace the current structural overlay and joints to maintain the bridge condition and structural safety. (HB2017 Awarded Project, \$1,202,900 Original Award).											
STIP Description: Design for a future construction project to replace the current bridge surface.											
PROJECT FUNDING DETAILS											
Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total			
Federal Funds											
NHPP	Z001	2018		\$ 987,030				\$ 987,030			
ADVCON	ACP0	2020					\$ 1,079,362	\$ 1,079,362			
								\$ -			
								\$ -			
							Federal Totals:	\$ 2,066,392			
Federal Fund Obligations:								Federal Aid ID			
EA Number:											
Initial Obligation Date:											

State Funds								
State	Match	2018	\$ 112,970					\$ 112,970
State	Match	2020	\$ 123,538					\$ 123,538
								\$ -
								\$ -
							State Total:	\$ 236,508
State Fund Obligations:								
EA Number:								
Initial Obligation Date:								
Local Funds								
								\$ -
								\$ -
							Local Total	\$ -
Phase Totals Before Amend:		\$ -	\$ 1,100,000	\$ -	\$ -	\$ -	\$ 1,100,000	
Phase Totals After Amend:		\$ -	\$ 1,100,000	\$ -	\$ -	\$ 1,202,900	\$ 2,302,900	
Year Of Expenditure (YOE):								\$ 2,302,900
Notes and Summary of Changes:								
<p>> Red font = prior amended funding or project details. Blue font = amended changes to funding or project details. Black font indicates no change has occurred.</p> <p>> Adding the construction phase funding results in a \$1,202,900 increase to the project which = 109% increase to the project. This exceeds the 20% threshold for projects that cost \$1 million or greater. Second, adding the construction phase regardless of amount requires a formal amendment/ Third, the funds are originating from outside the current constrained years of the MTIP which also requires a formal amendment.</p>								
Amendment Summary:								
<p>The formal amendment The Construction phase of this project was pushed from the 18-21 to the 21-24 STIP via the Recalibration exercise that occurred in June 2019. This allowed ODOT to reallocate the 18-21 funds to projects with a more immediate need. Now, we propose to advance the 21-24 phase and funding to deliver Construction in FY20. The current overlay has dense cracking in some areas and large cracks in others. The overlay has reached the end of its service life.</p> <p>Advancing Construction to 2020 will get this project to construction a year before the Oregon 217 Aux Lane project to reduce anticipated traffic impacts. In addition, there is potential for lower bid prices when constructed earlier.</p>								
<p>> Will Performance Measurements Apply: Appears Yes</p>								
RTP References:								
<p>> RTP IDs:12092 - Bridge Rehabilitation & Repair</p>								

> RTP Description: Projects to repair or rehabilitate bridges, such as painting, joint repair, bridge deck repair, seismic retrofit, etcetera, that do not add motor vehicle capacity.

> Air Quality Exemption Status: The project is exempt per 40 CFR 93.126 Table 2 - Safety - Widening narrow pavements or reconstructing bridges (no additional travel lanes).

Fund Codes:

> NHPP = Federal National Highway Performance Program (FAST ACT) funds. NHPP support transportation improvements to sites on the National Highway System and State Highway System

> ADVCON = Federal Advanced Construction funds. ADVCON acts as a temporary placeholder until the specific federal fund is known or available for the project. At that time a fund conversion occurs to change the ADVCON to the correct federal fund code.

> State = General state funds provided by the lead agency as part of the required match or to cover overmatching project costs and needs

Other:

NHS Route: Yes. OR99W in this area is defined as a "Other NHS Routes" in the NHS system

Metro Modeling network: Yes - Motor Vehicle

Model Type: Major Arterial

TCM Project: No



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

Formal Amendment
NEW PROJECT
Initial Project Programming

Lead Agency: ODOT			4		Project Type: Planning		ODOT Key: 21610 MTIP ID: TBD Status: 1 Comp Date: 12/31/2021 RTP ID: None RFFA ID: N/A RFFA Cycle: N/A UPWP: Admin UPWP Cycle: SFY 19-20 Past Amend: 0 OTC Approval: Yes MTIP Amnd #: MR20-09-MAR	
Project Name: Portland Metro & Surrounding Area Rockfall Mitigation Study					ODOT Type: Planning			
					Performance Meas: No			
Project Status: 1 = Pre-first phase obligation activities (IGA development, project scoping, scoping refinement, etc.).					Capacity Enhancing: No			
					Conformity Exempt: Yes			
					On State Hwy Sys: Various			
					Mile Post Begin: N/A			
					Mile Post End: N/A			
					Length: N/A			
					1st Year Program'd: 2020			
			Years Active: 1					
Short Description: An ODOT regional study encompassing the counties of Clackamas, Hood River, Multnomah, and Washington County to identify rockfall risks and tree hazards to develop a mitigation strategy and help ensure the roadway remains from these type of threats throughout ODOT Region 1.			STIP Amend #: 18-21-3624					
PROJECT FUNDING DETAILS								
Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
Federal Funds								
ADVCON	ACPO	2020	\$ 224,325					\$ 224,325
								\$ -
								\$ -
							Federal Totals:	\$ 224,325
Federal Fund Obligations:								Federal Aid ID
EA Number:								
Initial Obligation Date:								

State Funds								
State	Match	2020	\$ 25,675					\$ 25,675
								\$ -
								\$ -
							State Total:	\$ -
State Fund Obligations:								
EA Number:								
Initial Obligation Date:								
Local Funds								
								\$ -
								\$ -
							Local Total	\$ -
Phase Totals Before Amend:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase Totals After Amend:			\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
Year Of Expenditure (YOE):								\$ 250,000
Notes and Summary of Changes:								
Red font = prior amended funding or project details. Blue font = amended changes to funding or project details. Black font indicates no change has occurred.								
Amendment Summary:								
The formal amendment advances the project study from the 2021-24 STIP in FY 2021 to FY 2020 into the current 2018-21 MTIP allowing it to obligated and be implemented by the end of FY 2020. The Portland Metro & Surrounding Area Rockfall Mitigation Study is regional study encompassing the counties of Clackamas, Hood River, Multnomah, and Washington County to identify rockfall risks and tree hazards to develop a mitigation strategy and help ensure the roadway remains from these type of threats throughout ODOT Region 1. Anticipated benefits are expected to produce an increased knowledge of the region's rockfall and hazardous tree potential, a plan for addressing the most urgent concerns and identification of future work leading to increased safety.								
> Will Performance Measurements Apply: No								
RTP References:								
> RTP ID: None								
> RTP Description: N/A								
> UPWP Amendment required: ?								
> Exemption Status: Project is an exempt, non-capacity type project per 40 CFR 93.126, Table 2 - Other - Planning and technical studies								
Fund Codes:								
> ADVCON = Advance Construction federal funds. These funds act as a temporary placeholder ODOT uses until they determine the specific federal fund type code to be committed to the project. Until this occurs, ODOT uses their own State funds to cover project costs.								
> State = General state funds provided by the lead agency as part of the required match or to cover overmatching project costs and needs								



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

Formal Amendment
ADD NEW PROJECT
Initial Project Programming

Lead Agency: ODOT			5	Project Type:	Planning	ODOT Key: 22106	MTIP ID: TBD	Status: 1	Comp Date: 12/31/2021		
Project Name: Portland Metro Area Bus-On-Shoulder Pilot Study Project Status: 1 = Pre-first phase obligation activities (IGA development, project scoping, scoping refinement, etc.). Short Description: An ODOT study to evaluate the Portland metro freeway system (~100 miles) to identify bus-on-shoulder opportunities.				ODOT Type	Planning					RTP ID:	None
				Performance Meas:	No					RFFA ID:	N/A
				Capacity Enhancing:	No					RFFA Cycle:	N/A
				Conformity Exempt:	Yes					UPWP:	Admin
				On State Hwy Sys:	Various					UPWP Cycle:	SFY 19-20
				Mile Post Begin:	N/A					Past Amend:	4
				Mile Post End:	N/A					OTC Approval:	Yes
				Length:	N/A						
				1st Year Program'd:	2020						
			Years Active:	1							
			STIP Amend #: 18-21-3625		MTIP Amend #: MR20-09-MAR						
Detailed Description: An ODOT study to evaluate the Portland metro freeway system (~100 miles) to identify bus-on-shoulder opportunities. This is anticipated to include a system-wide geometric assessment, identification of potential pilot project corridors, coordination with regional partners, and development of Concept of Operations for each corridor. (Split from Key 21611 project grouping bucket)											
STIP Description: Evaluate the Portland metro freeway system to identify bus-on-shoulder opportunities.											
PROJECT FUNDING DETAILS											
Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total			
Federal Funds											
ADVCON	ACP0	2020	\$ 269,190					\$ 269,190			
								\$ -			
								\$ -			
							Federal Totals:	\$ 269,190			
Federal Fund Obligations:								Federal Aid ID			
EA Number:											
Initial Obligation Date:											
State Funds											
State	Match	2020	\$ 30,810					\$ 30,810			
								\$ -			
								\$ -			
							State Total:	\$ 30,810			

State Fund Obligations:							
EA Number:							
Initial Obligation Date:							
Local Funds							
							\$ -
							\$ -
						Local Total	\$ -
Phase Totals Before Amend:		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase Totals After Amend:		\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000
							Year Of Expenditure (YOE): \$ 300,000
Notes and Summary of Changes:							
Red font = prior amended funding or project details. Blue font = amended changes to funding or project details. Black font indicates no change has occurred.							
Amendment Summary:							
The formal amendment advances the ODOT planning study from the 2021-24 STIP forward into the current 2018-21 MTIP to be obligated and implemented before the end of FY 2020. The study is proposed to include and system-wide geometric assessment, identification of potential pilot project corridors, coordination with regional partners, and development of Concept of Operations for each corridor.							
> Will Performance Measurements Apply: No							
RTP References:							
> RTP IDs: None							
> RTP Description: N/A							
> UPWP Required: Yes							
> Air Quality Exemption Status: The project is exempt per 40 CFR 93.126 Table 2 - Other - Planning and technical studies.							
Fund Codes:							
> ADVCON = Federal Advanced Construction funds. ADVCON acts as a temporary placeholder until the specific federal fund is known or available for the project. At that time a fund conversion occurs to change the ADVCON to the correct federal fund code.							
> State = General state funds provided by the lead agency as part of the required match or to cover overmatching project costs and needs							
Other:							
NHS Route: No-N/A							
Metro Modeling network: No-N/A							
Model Type: N/A							
TCM Project: No							



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

Formal Amendment
ADD NEW PROJECT
Initial Project Programming

Lead Agency: ODOT			6		Project Type: Bridge		ODOT Key: 21707 MTIP ID: TBD Status: 1 Comp Date: 12/31/2023	
Project Name: US30B: St Johns (Willamette River) Bridge Project Status: 1 = Pre-first phase obligation activities (IGA development, project scoping, scoping refinement, etc.). Short Description: Design for future repairs of the columns and arched concrete connection between the columns to prevent concrete fragments breaking off and falling from the structure. This project will increase safety and extend the life of the structure.					ODOT Type: Bridge			
					Performance Meas: Yes			
					Capacity Enhancing: No			
					Conformity Exempt: Yes			
					On State Hwy Sys: US30B			
					Mile Post Begin: 0.87			
					Mile Post End: 0.95			
					Length: 0.08			
					1st Year Program'd: 2020			
			Years Active: 1				RTP ID: 12092	
			STIP Amend #: 18-21-3627				RFFA ID: N/A	
							RFFA Cycle: N/A	
							UPWP: No	
							UPWP Cycle: N/A	
							Past Amend: 0	
							OTC Approval: Yes	
							MTIP Amnd #: MR20-09-MAR	
Detailed Description: On US30 Bypass in Northern Portland from MP 0.87 to 0.95 (0.08 miles), reconstruct and repair columns and arched concrete connection between the columns to prevent concrete fragments breaking off and falling from the structure to increase safety and extend the bridge life.								
STIP Description: Repairs of the columns and arched concrete connection between the columns to prevent concrete fragments breaking off and falling from the structure. This project will increase safety and extend the life of the structure.								
PROJECT FUNDING DETAILS								
Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
Federal Funds								
ADVCON	ACP0	2020		\$ 1,471,585				\$ 1,471,585
								\$ -
								\$ -
							Federal Totals:	\$ 1,471,585
Federal Fund Obligations:								Federal Aid ID
EA Number:								
Initial Obligation Date:								
State Funds								
State	Match	2020		\$ 168,430				\$ 168,430
								\$ -
								\$ -
							State Total:	\$ -

State Fund Obligations:						
EA Number:						
Initial Obligation Date:						
Local Funds						
						\$ -
						\$ -
					Local Total	\$ -
Phase Totals Before Amend:	\$ -	\$	\$ -	\$ -	\$ -	\$ -
Phase Totals After Amend:		\$ 1,640,015	\$ -	\$ -	\$ -	\$ 1,640,015
						Year Of Expenditure (YOE): \$ 13,284,662
Notes and Summary of Changes:						
Red font = prior amended funding or project details. Blue font = amended changes to funding or project details. Black font indicates no change has occurred.						
Amendment Summary:						
<p>The formal amendment advances the project Preliminary Engineering (PE) phase from the 2021-24 STIP and from FY 2021 to FY 2020 into the current 2018021 STIP and MTIP. Only the PE phase is being added to the 2018-21 MTIP and STIP. The PE phase will provide the required designs for future repairs of the columns and arched concrete connection between the columns to prevent concrete fragments breaking off and falling from the structure. This project will increase safety and extend the life of the structure.</p> <p>> Will Performance Measurements Apply: No - No for the PE phase. Yes to the bridge repairs.</p>						
RTP References:						
<p>> RTP ID: 12092 - Bridge Rehabilitation and Repair</p> <p>> RTP Description: Projects to repair or rehabilitate bridges, such as painting, joint repair, bridge deck repair, seismic retrofit, etcetera, that do not add motor vehicle capacity.</p> <p>> Exemption Status: Project is an exempt, non-capacity type project per 40 CFR 93.126, Table 2 - Safety - Widening narrow pavements or reconstructing bridges (no additional travel lanes).</p> <p>> UPWP actions: Not required.</p>						
Fund Codes:						
<p>> ADVCON = Federal Advanced Construction funds. ADVCON acts as a temporary placeholder until the specific federal fund is known or available for the project. At that time a fund conversion occurs to change the ADVCON to the correct federal fund code.</p> <p>> State = General state funds provided by the lead agency as part of the required match or to cover overmatching project costs and needs</p>						
Other						
<p>> On NHS: Yes. The project is identified as a MAP-21 NHS Principal Arterial</p> <p>> Metro Model: Yes - Motor Vehicle</p> <p>> Model category and type: Major Arterial</p> <p>> TCM project: No</p>						



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

Formal Amendment
ADD NEW PROJECT
Initial Project Programming

Lead Agency: ODOT			7	Project Type:	Bridge	ODOT Key: 21710	MTIP ID: TBD	Status: 1	Comp Date: 12/31/2024
Project Name: US30: Troutdale (Sandy River) Bridge Project Status: 1 = Pre-first phase obligation activities (IGA development, project scoping, scoping refinement, etc.). Short Description: Design for future repair of bridge footing erosion to protect the structure from further damage.				ODOT Type	Bridge				
				Performance Meas:	Yes				
				Capacity Enhancing:	No				
				Conformity Exempt:	Yes				
				On State Hwy Sys:	US30				
				Mile Post Begin:	-0.01				
				Mile Post End:	0.03				
				Length:	0.04				
				1st Year Program'd:	2020				
			Years Active:	1					
			STIP Amend #: 18-21-3628						MTIP Amnd #: MR20-09-MAR
Detailed Description: In northeastern Multnomah County near Troutdale on Historic Columbia River Highway at the Sandy River, reconstruct/repair the Troutdale (Sandy River) Bridge footing to protect the structure from further damage									
STIP Description: Design for future repair of bridge footing erosion to protect the structure from further damage.									
PROJECT FUNDING DETAILS									
Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total	
Federal Funds									
ADVCON	ACPO	2020		\$ 602,427				\$ 602,427	
								\$ -	
								\$ -	
							Federal Totals:	\$ 602,427	
Federal Fund Obligations:								Federal Aid ID	
EA Number:									
Initial Obligation Date:									
State Funds									
State	Match	2020		\$ 68,950				\$ 68,950	
								\$ -	
								\$ -	
							State Total:	\$ -	

State Fund Obligations:							
EA Number:							
Initial Obligation Date:							
Local Funds							
							\$ -
							\$ -
						Local Total	\$ -
Phase Totals Before Amend:	\$ -	\$	\$ -	\$ -	\$ -	\$ -	\$ -
Phase Totals After Amend:		\$ 671,377	\$ -	\$ -	\$ -	\$ 671,377	
Year Of Expenditure (YOE):							\$ 4,969,054
Notes and Summary of Changes:							
Red font = prior amended funding or project details. Blue font = amended changes to funding or project details. Black font indicates no change has occurred.							
Amendment Summary:							
<p>The formal amendment advances the Preliminary Engineering (PE) phase from the new draft 2021-24 STIP to the current 2018-2021 STIP and MTIP into FY 2020. This will allow PE to be obligated and be implemented before the end of FY 2020. The Troutdale (Sandy River) Bridge repairs will focus on the bridge footing erosion to protect the structure from further damage. This project was selected for the 21-24 STIP. Only PE is being advanced</p> <p>> Will Performance Measurements Apply: No to the PE Phase, Yes to the over all project improvement.</p>							
RTP References:							
<p>> RTP ID: 12092</p> <p>> RTP Description: Projects to repair or rehabilitate bridges, such as painting, joint repair, bridge deck repair, seismic retrofit, etcetera, that do not add motor vehicle capacity.</p> <p>> Exemption Status: Project is an exempt, non-capacity type project per 40 CFR 93.126, Table 2 - Safety - Widening narrow pavements or reconstructing bridges (no additional travel lanes).</p> <p>> A UPWP amendment is also required to add the CBOS 2 study to the UPWP and will progress separately from the MTIP amendment.</p>							
Fund Codes:							
<p>> ADVCON = Advance Construction federal funds. These funds act as a temporary placeholder ODOT uses until they determine the specific federal fund type code to be committed to the project. Until this occurs, ODOT uses their own State funds to cover project costs.</p> <p>> State = General state funds provided by the lead agency as part of the required match or to cover overmatching project costs and needs</p>							
Other							
<p>> On NHS: No</p> <p>> Metro Model: No</p> <p>> Model category and type: N/A</p> <p>> TCM project: No</p>							



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

Formal Amendment
ADD NEW PROJECT
Initial Project Programming

Lead Agency: ODOT			8	Project Type:	Bridge	ODOT Key: 21712	MTIP ID: TBD	Status: 1	Comp Date: 12/31/2023		
Project Name: OR99W: Rock Creek Bridge				ODOT Type	Bridge						
				Performance Meas:	Yes						
				Capacity Enhancing:	No						
Project Status: 1 = Pre-first phase obligation activities (IGA development, project scoping, scoping refinement, etc.).				Conformity Exempt:	Yes					RTP ID:	12092
				On State Hwy Sys:	OR99W					RFFA ID:	N/A
				Mile Post Begin:	13.82					RFFA Cycle:	N/A
Short Description: Design for future installation of new bridge rail to meet current safety standards				Mile Post End:	13.84					UPWP:	No
				Length:	0.02					UPWP Cycle:	N/A
				1st Year Program'd:	2020					Past Amend:	0
			Years Active:	1	OTC Approval:	Yes					
			STIP Amend #: 18-21-3629		MTIP Amnd #: MR20-09-MAR						
Detailed Description: In Washington County on OR99W from MP 13.82 to 13.84 near the Tualatin River National Wildlife Refuge, design and install a new bridge rail to meet current safety standards											
STIP Description: Design for future installation of new bridge rail to meet current safety standards											
PROJECT FUNDING DETAILS											
Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total			
Federal Funds											
ADVCON	ACPO	2020		\$ 66,471				\$ 66,471			
								\$ -			
								\$ -			
							Federal Totals:	\$ 66,471			
Federal Fund Obligations:								Federal Aid ID			
EA Number:											
Initial Obligation Date:											
State Funds											
State	Match	2020		\$ 7,608				\$ 7,608			
								\$ -			
								\$ -			
							State Total:	\$ -			

State Fund Obligations:							
EA Number:							
Initial Obligation Date:							
Local Funds							
							\$ -
							\$ -
						Local Total	\$ -
Phase Totals Before Amend:		\$ -	\$	\$ -	\$ -	\$ -	\$ -
Phase Totals After Amend:			\$ 74,079	\$ -	\$ -	\$ -	\$ 74,079
							Year Of Expenditure (YOE): \$ 763,184
Notes and Summary of Changes:							
Red font = prior amended funding or project details. Blue font = amended changes to funding or project details. Black font indicates no change has occurred.							
Amendment Summary:							
The formal amendment advances the preliminary engineering (PE) phase from the 2021-24 STIP in FY 2021 forward to FY 2020. This will allow the e PE phase to obligate and be implemented before the end of Y 2020 helping a more efficient delivery. The focus of the project is to install a new bridge rail to meet current safety standards.							
> Will Performance Measurements Apply: No to PE, yes to the overall project.							
RTP References:							
> RTP ID: 12092 - Bridge Rehabilitation & Repair							
> RTP Description: Projects to repair or rehabilitate bridges, such as painting, joint repair, bridge deck repair, seismic retrofit, etcetera, that do not add motor vehicle capacity.							
> Exemption Status: Project is an exempt, non-capacity type project per 40 CFR 93.126, Table 2 - Safety - Widening narrow pavements or reconstructing bridges (no additional travel lanes).							
> No action to the UPWP is required.							
Fund Codes:							
> ADVCON = Advance Construction federal funds. These funds act as a temporary placeholder ODOT uses until they determine the specific federal fund type code to be committed to the project. Until this occurs, ODOT uses their own State funds to cover project costs.							
> NHPP = Federal National Highway Performance Program funding allocated to ODOT							
> State = General state funds provided by the lead agency as part of the required match or to cover overmatching project costs and needs							
Other							
> On NHS:							
> Metro Model: Yes, Motor Vehicle							
Model category and type: Major Arterial							
TCM project: No							



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

Formal Amendment
ADD NEW PROJECT
Initial Project Programming

Lead Agency: ODOT			9		Project Type: Bridge		ODOT Key: 21882	
Project Name: Hawthorne Bridge Ramp to OR99E (Portland) Project Status: 1 = Pre-first phase obligation activities (IGA development, project scoping, scoping refinement, etc.). Short Description: Design for future replacement of the bridge driving surface and repair of the joints on the east and west approaches to repair vehicle damage (Bridge #02757A)					ODOT Type: Bridge		MTIP ID: TBD	
					Performance Meas: Yes		Status: 1	
					Capacity Enhancing: No		Comp Date: 12/31/2023	
					Conformity Exempt: Yes		RTP ID: 12092	
					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: N/A		UPWP Cycle: N/A	
					1st Year Program'd: 2020		Past Amend: 0	
Years Active: 1		OTC Approval: Yes						
			STIP Amend #: 18-21-3630		MTIP Amnd #: MR20-09-MAR			
Detailed Description: In Portland from the east end of Hawthorne Bridge at the Willamette River eastbound across the approach ramps on SE Madison St and SE Hawthorne Blvd to OR99E (SE Grand Ave), replace bridge driving surface and repair of the joints on the east and west approaches to repair vehicle damage								
STIP Description: Design for future replacement of the bridge driving surface and repair of the joints on the east and west approaches to repair vehicle damage.								
PROJECT FUNDING DETAILS								
Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
Federal Funds								
ADVCON	ACP0	2020		\$ 1,454,036				\$ 1,454,036
								\$ -
								\$ -
							Federal Totals:	\$ 1,454,036
Federal Fund Obligations:								Federal Aid ID
EA Number:								
Initial Obligation Date:								
State Funds								
								\$ -
								\$ -
							State Total:	\$ -

State Fund Obligations:							
EA Number:							
Initial Obligation Date:							

Local Funds							
Local	Match	2020	\$ 166,421			\$ 166,421	
						\$ -	
						Local Total	\$ -
Phase Totals Before Amend:		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase Totals After Amend:			\$ 1,620,457	\$ -	\$ -	\$ -	\$ 1,620,457
						Year Of Expenditure (YOE):	\$ 9,553,990

Notes and Summary of Changes:
Red font = prior amended funding or project details. Blue font = amended changes to funding or project details. Black font indicates no change has occurred.

Amendment Summary:
The formal amendment advances the Preliminary Engineering (PE) phase from the 2021-24 STIP in FY 2021 forward to FY 2020 into the current 2018-2021 STIP and MTIP to allow the PE phase to obligate and be implemented before the end of FY 2020. Construction is proposed for FY 2022 and is intended to replace bridge driving surface and repair of the joints on the east and west approaches to repair vehicle damage.
> Will Performance Measurements Apply: No to PE phase, Yes, once construction is initiated.

RTP References:
> RTP ID: 12092 - Bridge Rehabilitation & Repair
> RTP Description: Projects to repair or rehabilitate bridges, such as painting, joint repair, bridge deck repair, seismic retrofit, etcetera, that do not add motor vehicle capacity.
> Exemption Status: Project is an exempt, non-capacity type project per 40 CFR 93.126, Table 2 - Safety - Widening narrow pavements or reconstructing bridges (no additional travel lanes).
> No actions to the UPWP are not required.

Fund Codes:
> ADVCON = Advance Construction federal funds. These funds act as a temporary placeholder ODOT uses until they determine the specific federal fund type code to be committed to the project. Until this occurs, ODOT uses their own State funds to cover project costs.
> State = General state funds provided by the lead agency as part of the required match or to cover overmatching project costs and needs

Other
> On NHS: No
> Metro Model: Yes, Motor Vehicle Modeling network
> Model category and type: SE Hawthorne is identified as a Minor Arterial
> TCM project: No



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

Formal Amendment
ADD NEW PROJECT
Initial Project Programming

Lead Agency: TriMet			10		Project Type: Transit		ODOT Key: TBD	
Project Name: TriMet Operator Safety and Rider Awareness Project Status: T22 = Programming actions in progress or programmed in current MTIP Short Description: Develop and disseminate educational material for riders on how to identify and report potential risks to riders and operators and install digital displays at key transit centers to share information on safety-related topics. (2019 5312 FTA CP&PSA Discretionary)					ODOT Type: Transit		MTIP ID: TBD	
					Performance Meas: Yes		Status: T22	
					Capacity Enhancing: No		Comp Date: 12/31/2021	
					Conformity Exempt: Yes		RTP ID: 11016	
					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: N/A		UPWP Cycle: N/A	
					1st Year Program'd: 2020		Past Amend: 0	
Years Active: 1		OTC Approval: Yes						
			STIP Amend #: TBD				MTIP Amnd #: MR20-09-MAR	
Detailed Description: FTA discretionary 5312 grant from the 2019 Human Trafficking Awareness and Public Safety Initiative Awarded under the Crime Prevention and Public Awareness category to develop and disseminate educational material for riders on how to identify and report potential risks to riders and operators and install digital displays at key transit centers to share information on safety-related topics. The goal is to reduce operator assaults and increase public participation in reporting threats to the safety of operators and passengers.								
STIP Description: TBD								
PROJECT FUNDING DETAILS								
Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Construction	Other (Transit)	Total
Federal Funds								
5312		2020					\$ 151,052	\$ 151,052
							\$	-
							\$	-
							Federal Totals:	\$ 151,052
Federal Fund Obligations:								Federal Aid ID
EA Number:								
Initial Obligation Date:								
State Funds								
							\$	-
							\$	-
							State Total:	\$ -

State Fund Obligations:							
EA Number:							
Initial Obligation Date:							
Local Funds							
Local	Match	2020					\$ 57,763 \$ 57,763
							\$ -
						Local Total	\$ -
Phase Totals Before Amend:		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase Totals After Amend:		\$ -	\$ -	\$ -	\$ -	\$ 208,815	\$ 208,815
							Year Of Expenditure (YOE): \$ 208,815
Notes and Summary of Changes:							
> Red font = prior amended funding or project details. Blue font = amended changes to funding or project details. Black font indicates no change has occurred.							
Amendment Summary:							
The formal amendment adds the new discretionary FTA Section 5312 grant to the MTIP and STIP. The grant award will enable TriMet to develop and disseminate educational material for riders on how to identify and report potential risks to riders and operators and install digital displays at key transit centers to share information on safety-related topics. The 5313 grant award total \$151,052 with a local match requirement of \$57,763 for a total project cost of \$208,815							
> Will Performance Measurements Apply: Yes							
RTP References:							
> RTP ID: 11016 - Operating Capital: Safety & Security Phase 2							
> RTP Description: Safety enhancements, CCTV, Transit Police.							
> No action to the UPWP is required.							
Fund Codes:							
> 5312 = Federal FTA Section 5312 funds allocated in a discretionary basis base din the funding program and grant award winners							
> Local = General local funds provided by the lead agency as part of the required match							
Other							
> On NHS: No							
> Metro Model: No							
> Model category and type: N/A							
> TCM project: No							



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

Formal Amendment
SCOPE CHANGE
3rd Amendment to Project

Lead Agency: WEST LINN	11	Project Type:	Active Trns	ODOT Key: 20329	
Project Name: OR43: Arbor Dr - Hidden Springs Rd OR43: Marylhurst Dr - Hidden Springs Rd (West Linn)		ODOT Type	BikePed		MTIP ID: 70882
		Performance Meas:	Yes		Status: 4
		Capacity Enhancing:	No		Comp Date: 12/31/2022
		Conformity Exempt:	Yes		RTP ID: 11746
		On State Hwy Sys:	OR43		RFFA ID: 50285
		Mile Post Begin:	8.04 8.43		RFFA Cycle: 2019-21
		Mile Post End:	9.22 8.90		UPWP: No
		Length:	1.18 0.47		UPWP Cycle: N/A
		1st Year Program'd:	2018		Past Amend: 2
Project Status: 4 = (PS&E) Planning Specifications, & Estimates (final design 30%, 60%, 90% design activities initiated).	Years Active:	3	OTC Approval: No		
	STIP Amend #: 18-21-0962		MTIP Amnd #: MR20-09-MAR		
	Detailed Description: In West Linn on OR 43 between MP 8.04 to 9.22, construct a new cycle track and sidewalk along OR 43 from Arbor Dr to Hidden Springs Rd and construct about 7,500 sq ft. of new road extending Hidden Springs Rd to Old River Rd In West Linn on OR 43 between MP 8.43 to 8.90 (0.47 miles), Construct a new cycle track and sidewalk along OR43 from Hidden Springs to Cedar Oaks. Install a new traffic signal at OR43 and Hidden Springs connecting to the new extension of Old River Road to be constructed by the City of West Linn) and at OR43 and Marylhurst. (RFFA 2019-21 award cycle).				
STIP Description: Construct a new cycle track and sidewalk along OR43 from Hidden Springs to Cedar Oaks. Install a new traffic signal at OR43 and Hidden Springs (connecting to the new extension of Old River Road to be constructed by the City of West Linn) and at OR43 and Marylhurst. These improvements will provide a safe and critical link for bicycle riders and pedestrians along this section of roadway.					

PROJECT FUNDING DETAILS								
Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
Federal Funds								
TAP-U	Z301	2018		\$ 563,721				
TAP-U	Z301	2018		\$ 664,235				\$ 664,235
CMAQ	Z400	2018		\$ 386,618				\$ 386,618
ADVCON	ACP0	2020			\$ 294,696			
ADVCON	ACP0	2021			\$ 294,696			\$ 294,696
CMAQ	ACP0	2021				\$ 67,010		\$ 67,010
ADVCON	ACP0	2021					\$ 241,584	
CMAQ	Z400	2021					\$ 3,000,000	
CMAQ	Z400	2021					\$ 2,687,441	\$ 2,687,441
								\$ -
							Federal Totals:	\$ 4,100,000
Federal Fund Obligations:								Federal Aid ID
EA Number:								
Initial Obligation Date:								
State Funds								
								\$ -
								\$ -
							State Total:	\$ -
State Fund Obligations:								
EA Number:								
Initial Obligation Date:								

Local Funds								
Local	Match	2018		\$ 64,520				
Other	OVM	2018		\$ 213,007				
Local	Match	2018		\$ 76,025				\$ 76,025
Other	OVM OTH0	2018		\$ 397,075				
Local	Match	2018		\$ 44,250				\$ 44,250
Local	Match	2020			\$ 33,729			
Other	OVM OTH0	2020			\$ 111,354			
Local	Match	2021			\$ 33,729			\$ 33,729
Other	OTH0	2021			\$ 111,354			\$ 111,354
Local	Match	2021				\$ 7,670		\$ 7,670
Other	OVM OTH0	2021				\$ 25,320		\$ 25,320
Local	Match	2021					\$ 27,650	
Local	Match	2021					\$ 343,363	
Local	Match	2021					\$ 307,590	\$ 307,590
Other	OVM OTH0	2021					\$ 1,224,579	
Other	OVM OTH0	2021					\$ 1,015,190	\$ 1,015,190
							Local Total	\$ 1,015,190
Phase Totals Before Amend:			\$ -	\$ 841,248	\$ 439,779	\$	\$ 4,837,176	\$ 6,118,203
Phase Totals After Amend:				\$ 1,568,203	\$ 439,779	\$ 100,000	\$ 4,010,221	\$ 6,118,203
Year Of Expenditure (YOE):								\$ 6,118,203
Notes and Summary of Changes:								
Red font = prior amended funding or project details. Blue font = amended changes to funding or project details. Black font indicates no change has occurred.								

Amendment Summary:

The formal amendment adjusts the project scope to fit within the budget constraints. Upon review of the project scope elements, project design and construction phases were identified as insufficiently funded. Several factors contributed to the funding shortfall, but a key issues was not properly identifying all federal and state requirements within the federal transportation project delivery process. Once the funding shortfall was identified, Metro, West Linn, and ODOT reviewed the project scope and evaluated what scope adjustments could occur based on the available budget. Since the project also included Congestion Air Quality (CMAQ) funding, any and all proposed scope changes were reviewed and approved by the State CMAQ Manager. After the evaluation and advanced scoping efforts, the project will move forward with constructing only the southern portion of the project (Hidden Springs to Cedar Oaks) and the Marylhurst intersection. The total project funding of \$6.1M is being redistributed between phases to allow for complete design and construction of the revised project limits. A Utility Relocation (UR) phase also has been added to the project as part of the scope adjustment. The project name and description have been updated as well.

> Will Performance Measurements Apply: Yes

RTP References:

> RTP ID: 11046 - OR 43 Multimodal Improvements -Arbor Dr. to Mary S. Young Park

> RTP Description: Construction of multimodal transportation improvements on OR 43 (N. West Linn city limits to Mary S. Young Park) in accordance with 2016 TSP and 2016 Highway 43 Concept Plan, optimizing traffic flow at major intersections and improving ped/bike safety.

> Exemption Status: Project is an exempt, non-capacity type project per 40 CFR 93.126, Table 2 - Air Quality - Bicycle and pedestrian facilities.

> No action to the UPWP is required.

Fund Codes:

> TAP-U = Federal Transportation Alternatives Program funding that support non-roadway type improvements such as pedestrian and bicycle facility improvements. TAP funds are appropriated to ODOT and allocated to Metro.

> CMAQ = Federal Congestion Mitigation Air Quality improvement funds allocated to Metro by state formula. CMAQ funds support projects that provide direct and quantifiable air quality improvements

> ADVCON = Advance Construction federal funds. These funds act as a temporary placeholder ODOT uses until they determine the specific federal fund type code to be committed to the project. Until this occurs, ODOT uses their own State funds to cover project costs.

> Local = General local funds provided by the lead agency as part of the required match.

> Other = Additional local funds committed to the project beyond the match to cover required phase costs.

Other

> On NHS: Yes. OR 43 is identified as an "Other NHS Route" on the NHS

> Metro Model: Yes - Pedestrian & Bicycle

Model category and type: Pedestrian Parkway and Bicycle Parkway

TCM project: Yes