

**Metro is in receipt of the 2018-2021 MTIP September 2018 (FFY 2019) Formal Amendment
Formal Amendment Number SP19-02-SEP**

The purpose of this bundled amendment to make necessary funding corrections, increases, fund reprogramming, and add new projects to the 2018-21 MTIP as noted in the included project tables as part of Formal MTIP Amendment SP19-02-SEP. The MTIP represents the first four-year implementation program to Metro's long range Regional Transportation Plan (RTP). Project changes primarily are addressing corrections and updates from the end of year FFY 2018 year obligations and needed changes to projects for Federal Fiscal Year (FFY) 2019 and later.

2018-2021 Metropolitan Transportation Improvement Program
Public Notification of Submitted New and Proposed Amended Existing Projects



The public review period for this project amendment is [8/28/2018](#) and concludes on [9/26/2018](#), at 5:00 pm.

Requests to submit comments or concerns about this amendment should be submitted to Pamela Blackhorse, via email at pamela.blackhorse@oregonmetro.gov

Subject to revisions to address comments received during the public comment period, the 2018-21 MTIP as revised by the proposed amendment will be the final program unless amended, and a final notice will not be published.

Added Notes:

Completing a formal MTIP amendment is dictated by the rules established by USDOT for MTIP Amendments and Administrative Modifications. Formal MTIP amendments represent a significant change to a project from the original funding or scope of improvement activities. The various required process steps are intended to demonstrate that as a result of the required changes, no impact upon air conformity, plus fiscal constraint is still maintained, and/or the priorities, policies, and goals established in the approved Regional Transportation Plan (RTP) have not changed.

Formal MTIP amendments normally fall into one or more of the following categories:

- (1) Significantly adds, revises, reduces, or changes the project scope of improvement activities
- (2) Requires a significant change to the project limits limit (greater than 0.25 miles)
- (3) Involves a significant cost change (increase or decrease normally 20% or greater)
- (4) Adds or cancels a project from the MTIP

2018-2021 Metropolitan Transportation Improvement Program
Exhibit A to Resolution **18-4912**



Proposed August 2018 Formal Amendment Bundle Amendment Type: FORMAL, SP19-02-SEP Total Number of Projects: 10			
ODOT Key	Lead Agency	Project Name	Required Changes
Project #1 18007	King City	OR99W: SW Royalty Parkway - SE Durham Rd (King City)	COST INCREASE: The construction phase received higher bids than anticipated. As a result additional funds are being committed to the construction phase to enable it to obligate by the end of 2018. This amendment is a corrective action to ensure the MTIP and STIP match up with the final construction phase obligation total for auditing purposes.
Project #2 19651	ODOT	I-5: Interstate Br (NB) Trunnion Shaft Replacement	COST INCREASE: The project's construction phase was first advanced from 2019 to 2018 via an administrative modification during August 2018 to allow the construction phase to obligate. The final construction phase estimate was received and reflected a significant increase. The construction phase was authorized in before the end of FFY 2018. This amendment provides the required funding corrections to the construction phase and PE phase for auditing purposes.
Project #3 19533	ODOT	I-405: Fremont Bridge to US26 WB Connection Bridge (Portland)	COMBINING PROJECTS WITH A SCOPE UPDATE: The amendment combines Key 20482 into Key 19533. As a result, there is a cost increase, but also a scope update that results now in 8 site locations as part of the project. Bridge #09268E also is now added to the project scope. The primary scope is still rehabilitation focused and will include the following: Replace modular joints and repair decks. The US26 westbound connection bridge will receive a deck overlay to seal the cracks and provide additional cover for the reinforcement; a rail retrofit, and leaking joints will be addressed.

Project #4 20482	ODOT	I-405 NB to US26 Over I-405 Connection Bridge	<p>COMBINED/COST DECREASE:</p> <p>The amendment combines the construction phase funding into Key 1533 as noted in project amendment #2 above. The obligated PE funds are left as obligated for the project. The overlapping scope for both projects indicated a better use and leveraging of funding would occur by combining Key 20482 into Key 19533. Key 20482 will be removed from the MTIP during the next MTIP Update</p>
Project #5 19722	Portland	HSIP 2016 Signalized Improvements (Portland)	<p>COST DECREASE:</p> <p>Upon completion of a structural analysis to determine whether or not larger signal heads could be supported by existing poles, a substantial cost emerged for some signals prohibiting the city from moving forward for the identified signal elements based on the existing budget. These elements were removed from the overall scope resulting in a cost decrease to the project at this time.</p>
Project #6 19723	Portland	HSIP City of Portland Bikeped	<p>COST INCREASE:</p> <p>Minor scope change occurring at the intersection of 148th and Division requiring curb extensions and the intersection of Division Street and 124th /125th now will include a full signal resulted in a \$424k cost addition to the project addressed with local funds. Cost increase is significant enough to warrant technical correction post construction phase obligation</p>
Project #7 14409	Portland	Marine Drive Path NE 112th Ave - NE 185 Ave	<p>COST INCREASE:</p> <p>The primary reason for the cost increase is the Army Corp's requirements for the retaining wall and an recent updated cost estimate (adjust for inflation and current demand issues) which replaced an earlier engineer's cost assessment.</p> <p>The project was authorized to obligate the construction phase before the end of FFY 2018. This amendment provides the final obligation corrections for MTIP auditing and accounting requirements.</p>

Project #8 NEW TBD	Portland	OR99W/Barbur Blvd Area: Sidewalk Infill Projects	ADD NEW REPLACEMENT PROJECT: The project consists of 4 sidewalk infill location sites Portland will complete. The project is a replacement project to Key 19298 which is being canceled in this amendment bundle as well. The funding from Key 19298 is recommitted and programmed now to this new sidewalk infill project. Key 19298 is in conflict with the planned new SW MAX line.
Project #9 19298	Portland	OR99W: SW 26th Ave - SW 19th (Portland)	CANCEL PROJECT: All funding for this project is being transferred to Portland's new OR99/Barbur Blvd sidewalk infill project as a replacement project. (See above project). Conflicts would potentially exist with the planned Southwest Corridor Project rendering Key 19298 impossible to complete. As a result Metro offered Portland a replacement project in the same area and with the basic same scope of work. Key 19298 is therefore canceled now and replaced by their new Barbur Blvd Sidewalk infill project also part of this amendment bundle.
Project #10 21362	TriMet	TriMet Mass Transit Vehicle Replacement (5307)	ADD NEW PROJECT: This formal amendment adds a new project for TriMet to the 2018 MTIP. The replacement transit vehicle purchase originates from ODOT's discretionary grant award program. TriMet has been awarded 2 mass transit vehicle replacements. The final grant awards were approved by the Oregon Transportation Commission during their May 2018 meeting.

Exhibit A to Resolution 18-4912

2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment

Action: Amend the MTIP to increase or adjust required funding and scope, or add new projects



PROJECT #1 EXISTING MTIP PROGRAMMING									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
18807	70769	King City	OR99W: SW Royalty Parkway - SE Durham Rd (King City)					Highway	\$ 1,141,019
Project Description:			On OR99W near King City, fill sidewalk gaps to connect the City to OR99W corridor to increase access to transportation, improve travel options, promote vitality within the town center and enhance overall livability						
Existing MTIP Project Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
State STP-FLX	M240	Federal	2016		\$ 342,130				\$ 342,130
Local	Match	Local	2016		\$ 39,158				\$ 39,158
Other	Overmatch	Local	2016		\$ 15,313				\$ 15,313
ADVCON	ACP0	Federal	2018			\$ 10,768			\$ 10,768
Local	Match	Local	2018			\$ 1,232			\$ 1,232
State STP-FLX	M240	Federal	2018					\$ 560,940	\$ 560,940
Local	Match	Local	2018					\$ 64,202	\$ 64,202
Other	Overmatch	Local	2018					\$ 107,276	\$ 107,276
Total:				\$ -	\$ 396,601	\$ 12,000	\$ -	\$ 732,418	\$ 1,141,019
Notes:	<div>1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.</div> <div>2. Shaded rows (funding in years before 2018): Funding in year prior to 2018 are considered prior obligated years. These funding years are outside the existing active years of the 2018-2021 MTIP. In the MTIP, the funding is totaled and listed as "Prior Obligated".</div> <div>3. State STBG-FLX = Federal Surface Transportation Block Grant funds (same as STP) allocated to ODOT to support ODOT program needs.</div> <div>4. ADVCON = Federal fund generic placeholder allowing the state to cover the phase initially until the final federal fund code is determined and committed to the project..</div> <div>5. Local = General local funds committed by the lead agency in support of the required local match to the federal funds.</div> <div>6. Other = Additional local funds the lead agency commits to the project above the required match to the federal funds. Referred to as "Overmatch".</div>								
<div>Amendment Summary</div> <div>Proposed changes are stated on the next page</div>									

PROJECT #1 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
18807	70769	King City	OR99W: SW Royalty Parkway - SE Durham Rd (King City)					Highway	\$ 1,391,020
Project Description:			On OR99W near King City, fill sidewalk gaps to connect the City to OR99W corridor to increase access to transportation, improve travel options, promote vitality within the town center and enhance overall livability						
Amended MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
Redistribution	Z030	Federal	2016		\$ 342,131				\$ 342,131
Local	Match	Local	2016		\$ 39,158				\$ 39,158
Other	Overmatch	Local	2016		\$ 15,313				\$ 15,313
TAP-U>200K	Z301	Federal	2018					\$ 570,991	\$ 570,991
Local	Match	Local	2018					\$ 65,352	\$ 65,352
Bikeways	S080	State	2018					\$ 250,000	\$ 250,000
Other	Overmatch	Local	2018					\$ 108,075	\$ 108,075
									\$ -
Total:			\$ -	\$ 396,602	\$ -	\$ -	\$ 994,418	\$ 1,391,020	
Notes:	<div>1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.</div> <div>2. Shaded rows (funding in years before 2018): Funding in year prior to 2018 are considered prior obligated years. These funding years are outside the existing active years of the 2018-2021 MTIP. In the MTIP, the funding is totaled and listed as "Prior Obligated".</div> <div>3. NHPP-FAST = Federal National Highway Performance Program funds allocated to ODOT under the current FAST Act transportation legislation.</div> <div>4. Redistribution = Federal funds from FHWA after pulled from some states and then re-distributed to other states.</div> <div>5. Local = General local funds committed by the lead agency in support of the required local match to the federal funds.</div> <div>6. Other = Additional local funds the lead agency commits to the project above the required match to the federal funds. Referred to as "Overmatch".</div> <div>7. Bikeways = State funds committed to the improvements of bike and pedestrian pathways and routes</div>								
<div>Amendment Summary</div> <div>The cost increase is due to unanticipated higher bids received for the construction phase.</div>									

Exhibit A to Resolution 18-4912

2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment

Action: Amend the MTIP to increase or adjust required funding and scope, or add new projects



PROJECT #2 EXISTING MTIP PROGRAMMING									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
19651	70832	ODOT	I-5: Interstate Br (NB) Trunnion Shaft Replacement					Highway	\$ 13,317,136
Project Description:		Replace trunnion shaft; bridge #01377A. ODOT is lead on project with WSDOT paying 50% of total.							
Existing MTIP Project Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
NHPP-FAST	Z001	Federal	2015		\$ 528,958				\$ 528,958
State	Match	State	2015		\$ 60,542				\$ 60,542
Redistribution	Z030	Federal	2015		\$ 640,468				\$ 640,468
State	Match	State	2015		\$ 54,032				\$ 54,032
Other	Overmatch	Local	2015		\$ 1,284,000				\$ 1,284,000
NHPP-FAST	Z001	Federal	2018					\$ 4,822,600	\$ 4,822,600
State	Match	State	2018					\$ 551,968	\$ 551,968
Other	Overmatch	Local	2018					\$ 5,374,568	\$ 5,374,568
									\$ -
Total:				\$ -	\$ 2,568,000	\$ -	\$ -	\$ 10,749,136	\$ 13,317,136
Notes:	<div>1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.</div> <div>2. Shaded rows (funding in years before 2018): Funding in year prior to 2018 are considered prior obligated years. These funding years are outside the existing active years of the 2018-2021 MTIP. In the MTIP, the funding is totaled and listed as "Prior Obligated".</div> <div>3. NHPP-FAST = Federal National Highway Performance Program funds allocated to ODOT under the current FAST Act transportation legislation.</div> <div>4. Redistribution = Federal funds from FHWA after pulled from some states and then re-distributed to other states.</div> <div>5. Local = General local funds committed by the lead agency in support of the required local match to the federal funds.</div> <div>6. Other = Additional local funds the lead agency commits to the project above the required match to the federal funds. Referred to as "Overmatch".</div>								
<div>Amendment Summary</div> <div>Proposed changes are stated on the next page</div>									

PROJECT #2 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
19651	70832	ODOT	I-5: Interstate Br (NB) Trunnion Shaft Replacement					0	\$ 16,445,764
Project Description:		Replace trunnion shaft; bridge #01377A. ODOT is lead on project with WSDOT paying 50% of total.							
Amended MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
NHPP-FAST	Z002	Federal	2015		\$ 729,227				\$ 729,227
State	Match	State	2015		\$ 61,520				\$ 61,520
Redistribution	Z030	Federal	2015		\$ 640,468				\$ 640,468
State	Match	State	2015		\$ 54,032				\$ 54,032
Other	Overmatch	Local	2015		\$ 1,485,248				\$ 1,485,248
NHPP-FAST	Z001	Federal	2018					\$ 6,213,447	\$ 6,213,447
State	Match	State	2018					\$ 524,188	\$ 524,188
Other	Overmatch	Local	2018					\$ 6,737,634	\$ 6,737,634
									\$ -
Total:				\$ -	\$ 2,970,495	\$ -	\$ -	\$ 13,475,269	\$ 16,445,764
Notes:	<div>1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.</div> <div>2. Shaded rows (funding in years before 2018): Funding in year prior to 2018 are considered prior obligated years. These funding years are outside the existing active years of the 2018-2021 MTIP. In the MTIP, the funding is totaled and listed as "Prior Obligated".</div> <div>3. NHPP-FAST = Federal National Highway Performance Program funds allocated to ODOT under the current FAST Act transportation legislation.</div> <div>4. Redistribution = Federal funds from FHWA after pulled from some states and then re-distributed to other states.</div> <div>5. Local = General local funds committed by the lead agency in support of the required local match to the federal funds.</div> <div>6. Other = Additional local funds the lead agency commits to the project above the required match to the federal funds. Referred to as "Overmatch".</div>								
<div>Amendment Summary</div> <div>The project's construction phase was first advanced from 2019 to 2018 via an administrative modification during August 2018 to allow the construction phase to obligate. The final construction phase estimate was received and reflected a significant increase. The construction phase was authorized in before the end of FFY 2018. This amendment provides the required funding corrections to the construction phase and PE phase for auditing purposes.</div>									

Exhibit A to Resolution 18-4912

2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment

Action: Amend the MTIP to increase or adjust required funding and scope, or add new projects



PROJECT #3 EXISTING MTIP PROGRAMMING									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
19533	70836	ODOT	I-405: Fremont Bridge					Highway	\$ 21,200,000
Project Description:			Replace modular joints and repair decks.						
Existing MTIP Project Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
NHPP-FAST	Z001	Federal	2016		\$ 1,890,510				\$ 1,890,510
State	Match	State	2016		\$ 159,490				\$ 159,490
NHPP-FAST	Z001	Federal	2018					\$ 17,660,130	\$ 17,660,130
State	Match	State	2018					\$ 1,489,870	\$ 1,489,870
									\$ -
Total:			\$ -	\$ 2,050,000	\$ -	\$ -	\$ 19,150,000	\$ 21,200,000	
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.								
	2. Shaded rows (funding in years before 2018): Funding in year prior to 2018 are considered prior obligated years. These funding years are outside the existing active years of the 2018-2021 MTIP. In the MTIP, the funding is totaled and listed as "Prior Obligated".								
	3. NHPP-FAST = Federal National Highway Performance Program funds allocated to ODOT under the current FAST Act transportation legislation.								
	4. State = General state funds committed by the lead agency in support of the required local match to the federal funds.								
<div>Amendment Summary</div> <div>Proposed changes are stated on the next page</div>									

PROJECT #3 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
19533	70836	ODOT	I-405: Fremont Bridge I-405:Fremont Bridge to US26 WB connection bridge (Portland)					Highway	\$ 22,954,542
		Project Description:	Replace modular joints and repair decks. Replace modular joints and repair decks. The US26 westbound connection bridge will receive a deck overlay to seal the cracks and provide additional cover for the reinforcement; a rail retrofit, and leaking joints will be addressed.						
Amended MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
NHPP-FAST	Z001	Federal	2016		\$ 1,671,056				\$ 1,671,056
State	Match	State	2016		\$ 191,260				\$ 191,260
HBRR	L1CE	Federal	2016		\$ 1,045				\$ 1,045
State	Match	State	2016		\$ 120				\$ 120
State STBG-FLX	Z240	Federal	2016		\$ 492,470				\$ 492,470
State	Match	State	2016		\$ 56,365				\$ 56,365
NHPP-FAST	Z001	Federal	2018					\$ 1,283,911	\$ 1,283,911
State	Match	State	2018					\$ 108,315	\$ 108,315
NHPP	M001	Federal	2018					\$ 3,919,350	\$ 3,919,350
State	Match	State	2018					\$ 330,650	\$ 330,650
Redistribution	Z030	Federal	2018					\$ 13,740,780	\$ 13,740,780
State	Match	State	2018					\$ 1,159,220	\$ 1,159,220
Total:				\$ -	\$ 2,412,316	\$ -	\$ -	\$ 20,542,226	\$ 22,954,542
Notes:	<div>1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.</div> <div>2. Shaded rows (funding in years before 2018): Funding in year prior to 2018 are considered prior obligated years. These funding years are outside the existing active years of the 2018-2021 MTIP. In the MTIP, the funding is totaled and listed as "Prior Obligated".</div> <div>3. NHPP-FAST = Federal National Highway Performance Program funds allocated to ODOT under the current FAST Act transportation legislation.</div> <div>4. NHPP = Federal National Highway Performance Program funding allocated to ODT, but from the MAP 21 transportation legislation</div> <div>5. HBRR = Federal Highway Bridge Replacement and Rehabilitation funds allocated to ODOT which support bridge O&M and bridge reconstruction needs, or the construction of replacement or new bridges.</div> <div>6. State STBG-FLX = Federal Surface Transportation Block Grant funds (same as STP) allocated to ODOT to support ODOT program needs.</div> <div>7. Redistribution = Federal funds from FHWA after pulled from some states and then re-distributed to other states.</div> <div>8. State = General state funds committed by the lead agency in support of the required local match to the federal funds.</div>								

Amendment Summary

The amendment combines Key 20482 into Key 19533. As a result, there is a cost increase, but also a scope update that results now in 7 site locations as part of the project. Bridge #09268E also is now added to the project scope. The primary scope is still rehabilitation focused and will include the following: Replace modular joints and repair decks. The US26 westbound connection bridge will receive a deck overlay to seal the cracks and provide additional cover for the reinforcement; a rail retrofit, and leaking joints will be addressed.

Exhibit A to Resolution 18-4912

2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment

Action: Amend the MTIP to increase or adjust required funding and scope, or add new projects



PROJECT #4 EXISTING MTIP PROGRAMMING									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
20482	70974	ODOT	I-405 NB to US26 WB Over I-405 Connection Bridge					Highway	\$ 1,548,226
Project Description:		Deck overlay to seal the cracks and provide additional cover for the reinforcement. Rail retrofit. Address leaking joints.							
Existing MTIP Project Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
NHPP-FAST	Z001	Federal	2017		\$ 139,979				\$ 139,979
State	Match	State	2017		\$ 16,021				\$ 16,021
NHPP-FAST	Z001	Federal	2019					\$ 1,249,244	\$ 1,249,244
State	Match	State	2019					\$ 142,982	\$ 142,982
									\$ -
Total:			\$ -	\$ 156,000	\$ -	\$ -	\$ 1,392,226	\$ 1,548,226	
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.								
	2. Shaded rows (funding in years before 2018): Funding in year prior to 2018 are considered prior obligated years. These funding years are outside the existing active years of the 2018-2021 MTIP. In the MTIP, the funding is totaled and listed as "Prior Obligated".								
	3. NHPP-FAST = Federal National Highway Performance Program funds allocated to ODOT under the current FAST Act transportation legislation.								
	4. State = General state funds committed by the lead agency in support of the required local match to the federal funds.								
<div>Amendment Summary</div> <div>Proposed changes are stated on the next page</div>									

PROJECT #4 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
20482	70974	ODOT	I-405 NB to US26 WB Over I-405 Connection Bridge					Highway	\$ 5,641
Project Description:			Deck overlay to seal the cracks and provide additional cover for the reinforcement. Rail retrofit. Address leaking joints.						
Amended MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
NHPP	MOE1	Federal	2017		\$ 5,202				\$ 5,202
State	Match	State	2017		\$ 439				\$ 439
									\$ -
									\$ -
Total:			\$ -	\$ 5,641	\$ -	\$ -	\$ -	\$ -	\$ 5,641
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.								
	2. Shaded rows (funding in years before 2018): Funding in year prior to 2018 are considered prior obligated years. These funding years are outside the existing active years of the 2018-2021 MTIP. In the MTIP, the funding is totaled and listed as "Prior Obligated".								
	3. NHPP-FAST = Federal National Highway Performance Program funds allocated to ODOT under the current FAST Act transportation legislation.								
	4. State = General state funds committed by the lead agency in support of the required local match to the federal funds.								
Amendment Summary									
The amendment combines the construction phase funding into Key 19533 as noted in project amendment #2 above. The obligated PE funds are left as obligated for the project. The overlapping scope for both projects indicated a better use and leveraging of funding would occur by combining Key 20482 into Key 19533. Key 20482 will be removed from the MTIP during the next MTIP Update									

Exhibit A to Resolution 18-4912

2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment

Action: Amend the MTIP to increase or adjust required funding and scope, or add new projects



PROJECT #5 EXISTING MTIP PROGRAMMING									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
19722	70853	Portland	HSIP 2016 Signalized Improvements (Portland)					Other/Safety	\$ 2,659,191
Project Description:			Upgrade signal heads to a larger size. Install reflectorized backplates and countdown pedestrian signals. Replace illumination with LED fixtures.						
Existing MTIP Project Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
HSIP	MS3E	Federal	2016		\$ 778,423				\$ 778,423
ADVCON	ACPO	Federal	2018					\$ 1,793,739	\$ 1,793,739
Other	Overmatch	Local	2018					\$ 87,029	\$ 87,029
									\$ -
									\$ -
Total:				\$ -	\$ 778,423	\$ -	\$ -	\$ 1,880,768	\$ 2,659,191
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.								
	2. Shaded rows (funding in years before 2018): Funding in year prior to 2018 are considered prior obligated years. These funding years are outside the existing active years of the 2018-2021 MTIP. In the MTIP, the funding is totaled and listed as "Prior Obligated".								
	3. HSIP = Federal Highway Safety Improvement Program set at 100% federal (non required match) for roadway safety improvements								
	4.ADVCON = Federal fund generic placeholder allowing the state to cover the phase initially until the final federal fund code is determined and committed to the project..								
	5. Other = Additional local funds the lead agency provides in support of the project phase above the required matching funds. Referred to also as "local overmatch"								
<div>Amendment Summary</div> <div>Proposed changes are stated on the next page</div>									

PROJECT #5 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
19722	70853	Portland	HSIP 2016 Signalized Improvements (Portland)						\$ 2,028,862
Project Description:		Upgrade signal heads to a larger size. Install reflectorized backplates and countdown pedestrian signals. Replace illumination with LED fixtures.							
Amended MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
HSIP	MS3E	Federal	2016		\$ 778,423				\$ 778,423
Other	Overmatch	Local	2016		\$ 99,222				\$ 99,222
ADVCON	ACP0	Federal	2018					\$ 1,064,188	\$ 1,064,188
Other	Overmatch	Local	2018					\$ 87,029	\$ 87,029
Total:			\$ -	\$ 877,645	\$ -	\$ -	\$ 1,151,217	\$ 2,028,862	
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.								
	2. Shaded rows (funding in years before 2018): Funding in year prior to 2018 are considered prior obligated years. These funding years are outside the existing active years of the 2018-2021 MTIP. In the MTIP, the funding is totaled and listed as "Prior Obligated".								
	3. NHPP-FAST = Federal National Highway Performance Program funds allocated to ODOT under the current FAST Act transportation legislation.								
	4. State = General state funds committed by the lead agency in support of the required local match to the federal funds.								
<p>Amendment Summary</p> <p>Upon completion of a structural analysis to determine whether or not larger signal heads could be supported by existing poles, a substantial cost emerged for some signals prohibiting the city from moving forward for the identified signal elements based on the existing budget. These elements were removed from the overall scope resulting in a cost decrease to the project at this time.</p>									

Exhibit A to Resolution 18-4912

2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment

Action: Amend the MTIP to increase or adjust required funding and scope, or add new projects



PROJECT #6 EXISTING MTIP PROGRAMMING									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
19723	70840	Portland	HSIP City of Portland Bike Ped					Local Rd	\$ 1,782,126
Project Description:		In Portland at various locations complete bike/ped safety improvements including pavement markings and signs, Pedestrian refuge island, curb extensions and rapid flash beacon							
Existing MTIP Project Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
HSIP	MS3E	Federal	2016		\$ 432,689				\$ 432,689
Local	Match	Local	2016		\$ 36,503				\$ 36,503
Other	Overmatch	Local	2016		\$ 97,153				\$ 97,153
HSIP	MS30	Federal	2018					\$ 852,411	\$ 852,411
Local	Match	Local	2018					\$ 71,912	\$ 71,912
Other	Overmatch	Local	2018					\$ 291,458	\$ 291,458
									\$ -
Total:				\$ -	\$ 566,345	\$ -	\$ -	\$ 1,215,781	\$ 1,782,126
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.								
	2. Shaded rows (funding in years before 2018): Funding in year prior to 2018 are considered prior obligated years. These funding years are outside the existing active years of the 2018-2021 MTIP. In the MTIP, the funding is totaled and listed as "Prior Obligated".								
	3. HSIP = Federal Highway Safety Improvement Program funds allocated to ODOT to be used for various types of safety improvement projects.								
	4. Local = General local funds committed by the lead agency in support of the required local match to the federal funds.								
	5. Other = Additional local funds the lead agency commits to the project above the required match to the federal funds. Referred to as "Overmatch".								
<div>Amendment Summary</div> <div>Proposed changes are stated on the next page</div>									

PROJECT #6 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
19723	70840	Portland	HSIP City of Portland Bike Ped					Local Rd	\$ 2,206,346
Project Description:			In Portland at various locations complete bike/ped safety improvements including pavement markings and signs, Pedestrian refuge island, curb extensions and rapid flash beacon						
Amended MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
HSIP	MS3E	Federal	2016		\$ 432,689				\$ 432,689
Local	Match	Local	2016		\$ 36,503				\$ 36,503
Other	Overmatch	Local	2016		\$ 97,153				\$ 97,153
HSIP	MS30	Federal	2018					\$ 852,411	\$ 852,411
Local	Match	Local	2018					\$ 71,912	\$ 71,912
Other	Overmatch	Local	2018					\$ 715,678	\$ 715,678
									\$ -
Total:				\$ -	\$ 566,345	\$ -	\$ -	\$ 1,640,001	\$ 2,206,346
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.								
	2. Shaded rows (funding in years before 2018): Funding in year prior to 2018 are considered prior obligated years. These funding years are outside the existing active years of the 2018-2021 MTIP. In the MTIP, the funding is totaled and listed as "Prior Obligated".								
	3. HSIP = Federal Highway Safety Improvement Program funds allocated to ODOT to be used for various types of safety improvement projects.								
	4. Local = General local funds committed by the lead agency in support of the required local match to the federal funds.								
	5. Other = Additional local funds the lead agency commits to the project above the required match to the federal funds. Referred to as "Overmatch".								
<p align="center"><u>Amendment Summary</u></p> <p>A minor scope change is now occurring at the intersection of 148th and Division requiring curb extensions, and at the intersection of Division Street and 124th /125th which now will include a full signal. This results in a \$424k cost increase to the project. The amendment provides the updated final construction phase obligation amounts to FY 2018 for auditing purposes</p>									

Exhibit A to Resolution 18-4912

2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment

Action: Amend the MTIP to increase or adjust required funding and scope, or add new projects



PROJECT #7 EXISTING MTIP PROGRAMMING									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
14409	70063	Portland	Marine Drive Path: NE 112th Ave - NE 185th Ave						\$ 1,076,563
Project Description:			Construct three segments of and off-street path and one segment of an on-street path with signal crossings						
Existing MTIP Project Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
CMAQ	L40E	Federal	2014		\$ 250,347				\$ 250,347
Local	Match	Local	2014		\$ 28,653				\$ 28,653
CMAQ	L40E	Federal	2018					\$ 715,653	\$ 715,653
Local	Match	Local	2018					\$ 81,910	\$ 81,910
									\$ -
Total:				\$ -	\$ 279,000	\$ -	\$ -	\$ 797,563	\$ 1,076,563
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.								
	2. CMAQ = Federal Congestion Mitigation Air Quality (CMAQ) improvement funds. These funds support activities that provide air quality improvements.								
	3. Local = General local funds committed by the lead agency in support of the required local match to the federal funds.								
	4. Other = Additional local funds the lead agency commits to the project above the required match to the federal funds. Referred to as "Overmatch".								

Amendment Summary

Proposed changes are stated on the next page

PROJECT #7 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
14409	71053	Metro	Marine Drive Path: NE 112th Ave - NE 185th Ave						\$ 1,450,179
Project Description:			Construct three segments of and off-street path and one segment of an on-street path with signal crossings						
Amended MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
CMAQ	L40E	Federal	2014		\$ 250,347				\$ 250,347
Local	Match	State	2014		\$ 28,653				\$ 28,653
Other	Overmatch	Local	2014		\$ 10,000				\$ 10,000
CMAQ	L40E	Federal	2018					\$ 715,653	\$ 715,653
Local	Match	Local	2018					\$ 81,910	\$ 81,910
Other	Overmatch	Local	2018					\$ 363,616	\$ 363,616
									\$ -
Total:				\$ -	\$ 289,000	\$ -	\$ -	\$ 1,161,179	\$ 1,450,179
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.								
	2. CMAQ = Federal Congestion Mitigation Air Quality (CMAQ) improvement funds. These funds support activities that provide air quality improvements.								
	3. Local = General local funds committed by the lead agency in support of the required local match to the federal funds.								
	4. Other = Additional local funds the lead agency commits to the project above the required match to the federal funds. Referred to as "Overmatch".								
<p>Amendment Summary</p> <p>The primary reason for the cost increase is the Army Corp’s requirements for the retaining wall and an recent updated cost estimate (adjust for inflation and current demand issues) which replaced an earlier engineer's cost assessment.</p> <p>The project was authorized to obligate the construction phase before the end of FFY 2018. This amendment provides the final obligation corrections for MTIP auditing and accounting requirements.</p>									

Exhibit A to Resolution 18-4912

2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment

Action: Amend the MTIP to increase or adjust required funding and scope, or add new projects



PROJECT #8 EXISTING MTIP PROGRAMMING: **None** - **NEW MTIP PROJECT**

PROJECT #8 PROPOSED AMENDED CHANGES - NEW PROJECT

ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
TBD	TBD	Portland	OR99W/Barbur Blvd Area: Sidewalk Infill Projects					Highway	\$ 1,938,487
Project Description:			In Portland at multiple locations near and around OR99W (SW Barbur Blvd), complete sidewalk infill projects (Replacement Project Grouping Bucket for Key 19298)						
MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
STP>200K	M230	Federal	2019		\$ 377,763				\$ 377,763
Local	Match	Local	2019		\$ 43,237				\$ 43,237
STP>200K	M230	Federal	2021					\$ 1,361,641	\$ 1,361,641
								\$ 155,846	\$ 155,846
Total:				\$ -	\$ 421,000	\$ -	\$ -	\$ 1,517,487	\$ 1,938,487
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.								
	2. Shaded rows (funding in years before 2018): Funding in year prior to 2018 are considered prior obligated years. These funding years are outside the existing active years of the 2018-2021 MTIP. In the MTIP, the funding is totaled and listed as "Prior Obligated".								
	3. STP>200K = Federal Surface Transportation Program funds allocated to Metro to support eligible projects in areas with populations greater than 200,000								
	4. Local = General local funds committed by the lead agency in support of the required match to the federal funds.								
<p align="center">Amendment Summary</p> <p>This formal amendment adds a new project for Portland. The project consists of 4 sidewalk infill location sites Portland will complete. The project is a replacement project to Key 19298 which is being canceled in this amendment bundle as well. The funding from Key 19298 is recommitted and programmed now to this new sidewalk infill project.</p>									

Exhibit A to Resolution 18-4912

2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment

Action: Amend the MTIP to increase or adjust required funding and scope, or add new projects



PROJECT #9 EXISTING MTIP PROGRAMMING									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
19298	70676	Portland	OR99W: SW 26th Ave - SW 19th (Portland)					Highway	\$ 1,999,331
Project Description:		This project will build missing gaps in the sidewalks and bike lanes, and make enhancements to existing intersections along SW Barbur Boulevard.							
Existing MTIP Project Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
STP>200K	M230	Federal	2019		\$ 400,000				\$ 400,000
Local	Match	Local	2019		\$ 45,782				\$ 45,782
STP>200K	M230	Federal	2020			\$ 100,000			\$ 100,000
Local	Match	Local	2020			\$ 11,445			\$ 11,445
STP>200K	M230	Federal	2021					\$ 1,294,000	\$ 1,294,000
Local	Match	Local	2021					\$ 148,104	\$ 148,104
									\$ -
Total:				\$ -	\$ 445,782	\$ 111,445	\$ -	\$ 1,442,104	\$ 1,999,331
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.								
	2. STP>200K = Federal Surface Transportation Program funds allocated to Metro to support eligible projects in areas with populations greater than 200,000								
	3. Local = General local funds committed by the lead agency in support of the required local match to the federal funds.								
<div>Amendment Summary</div> <div>Proposed changes are stated on the next page</div>									

PROJECT #9 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
19298	70676	Portland	OR99W: SW 26th Ave - SW 19th (Portland)					0	\$ -
Project Description:		This project will build missing gaps in the sidewalks and bike lanes, and make enhancements to existing intersections along SW Barbur Boulevard.							
Amended MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
STP>200K	M230	Federal	2019		\$ -				\$ -
Local	Match	Local	2019		\$ -				\$ -
STP>200K	M230	Federal	2020			\$ -			\$ -
Local	Match	Local	2020			\$ -			\$ -
STP>200K	M230	Federal	2021					\$ -	\$ -
Local	Match	Local	2021					\$ -	\$ -
									\$ -
Total:				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.								
	2. STP>200K = Federal Surface Transportation Program funds allocated to Metro to support eligible projects in areas with populations greater than 200,000								
	3. Local = General local funds committed by the lead agency in support of the required local match to the federal funds.								
<p align="center">Amendment Summary</p> <p>All funding for this project is being transferred to Portland's new OR99/Barbur Blvd sidewalk infill project as a replacement project. Conflicts would potentially exist with the planned Southwest Corridor Project rendering Key 19298 impossible to complete. As a result Metro offered Portland a replacement project in the same area and with the basic same scope of work. Key 19298 is therefore canceled now.</p>									

Exhibit A to Resolution 18-4912

2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment

Action: Amend the MTIP to increase or adjust required funding and scope, or add new projects



PROJECT #10 EXISTING MTIP PROGRAMMING: None - NEW MTIP PROJECT

PROJECT #10 PROPOSED AMENDED CHANGES - NEW PROJECT

ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
21362	TBD	TriMet	TriMet Mass Transit Vehicle Replacement (5307)						\$ 1,076,248
Project Description:			Replacement of 2 mass transit vehicles. This project will be delivered through FTA.						
MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Construction	Other (Transit)	Total
State STBG-FLX	Z240	Federal	2019					\$ 965,717	\$ 965,717
State	Match	State	2019					\$ 110,531	\$ 110,531
									\$ -
									\$ -
Total:				\$ -	\$ -	\$ -	\$ -	\$ 1,076,248	\$ 1,076,248
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.								
	2. Shaded rows (funding in years before 2018): Funding in year prior to 2018 are considered prior obligated years. These funding years are outside the existing active years of the 2018-2021 MTIP. In the MTIP, the funding is totaled and listed as "Prior Obligated".								
	3. State STBG-FLX = Federal Surface Transportation Block Grant funds (same as STP) allocated to ODOT to support ODOT program needs.								
	4. State = General state funds committed by the lead agency in support of the required local match to the federal funds.								
<p><u>Amendment Summary</u></p> <p>This formal amendment adds a new project for TriMet to the 2018 MTIP. The replacement transit vehicle purchase originates from ODOT's discretionary grant award program. TriMet has been awarded 2 mass transit vehicle replacements. The final grant awards were approved by the Oregon Transportation Commission during their May 2018 meeting.</p>									