

**2018-2021 Metropolitan Transportation Improvement Program**  
**Exhibit A to Resolution 19-4961**



<b>Proposed November 2018 Formal Amendment Bundle</b> <b>Amendment Type: FORMAL, JA19-05-JAN</b> <b>Total Number of Projects: 11</b>				
<b>ODOT Key</b>	<b>Lead Agency</b>	<b>Project Name</b>	<b>Description</b>	<b>Required Changes</b>
Project #1 <b>Key 20810</b>	Oregon City	Molalla Ave: Beaver Creek Rd to OR213	Construct bike lanes along the entire Molalla Ave: Beavercreek Rd to Highway 213 with Continuous ADA compliant sidewalks ramps; trees and ped level street lighting on west side of corridor; transit amenities along both sides of the corridor and street furnishings	<b>REMOVED PROJECT:</b> This Metro 2019-21 RFFA federally funded project completed a fund swap for local funds and is now a de-federalized project. No federal approvals are required to deliver and complete the project. As such, the project is not required to be programmed in the MTIP or STIP. Key 20810 is being removed from the MTIP through this amendment.
Project #2 <b>Key 20451</b>	ODOT	<del>OR8 at River Road</del> <b>OR8 at River Rd &amp; OR224 at Lake Rd</b>	<del>Full signal upgrade with illumination and ADA improvements</del> Full signal upgrade with illumination and ADA improvements at the intersection of OR8 and River Rd in the City of Hillsboro. Replace overhead flasher with ground mounted advance flashers at the intersection of OR224 and Lake Rd in Clackamas County.	<b>COMBINED PROJECT:</b> Amendment combines scope and funding from two projects: 20454 and 20507 plus adds \$300k in a new Other phase for railroad improvements. Combining Keys 20454 into 20451, adding funding from 20507 and from the ODOT railroad crossing project grouping bucket will reduce overhead costs and allow for efficiencies in delivery.
Project #3 <b>Key 20454</b>	ODOT	OR224 at Lake/Harmony	Replace overhead flasher with ground mounted advance flashers.	<b>COMBINED/CANCELED PROJECT:</b> Scope and funding totaling \$109,078 is combined onto Key 20451. As a result Key 20454 is left with \$0 funding and is being removed from the MTIP

Project #4 <b>Key 20507</b>	ODOT	OR213 (82nd Ave) at Madison High School	Replace signal; rebuild and restripe existing crosswalk; add crosswalks and close a driveway.	<b>FUND SWAP/DE-FEDERALIZATION:</b> Key 20507 is being de-federalized upon review of the project and similar project in development by Portland Public Schools (PPS). ODOT will contribute \$560,250 state funds to the project (IGA in development). This amendment serves to convert the project into a locally funded and delivered project. PPS's delivery schedule is ahead of ODOT's project. The amendment for Key 20507 also advances ROW, UR and CN all to 2019. A budget shortfall has been identified on project K20451. \$560,250 Enhance funds from this project are being reallocated to K20451.
Project #5 <b>Key 20430</b>	ODOT	I-5: MP 303.27 - MP 308.63	Install variable speed advisory signs on I-5 northbound and southbound from the Fremont Bridge to Marine Drive	<b>COST INCREASE/LIMITS &amp; SCOPE CHANGE:</b> Cost increases have occurred to the Preliminary Engineering phase which are being addressed. Causes include extended design period of 6-months, additional administrative/ management costs, design modifications, and added agency coordination requirements. The Amendment changes the project name to reflect the reduced scope. Project mile points are adjusted to match the engineer's plans and removing the Hayden Island location. The construction phase is reduced by \$314,000 and moved to PE . Finally, the construction phase is being advance from 2020 to 2019.
Project #6 <b>Key 20481</b>	ODOT	I-405: Fremont (Willamette River) Bridge	Paint bridge approaches; other section as funding allows.	<b>COST DECREASE:</b> \$10 million of construction phase funding is being transferred to Key 20077, Major Bridge Maintenance FFY 2019, the Statewide Project Grouping bucket to support strengthening of major bridges in Region 1. OTC approval was required for this action to occur.
Project #7 <b>Key 20484</b>	ODOT	SW Multnomah Blvd over I-5	Place a structural overlay on the deck; replace or repair leaking joints; and retrofit the bridge rails to meet safety standards.	<b>COST INCREASE:</b> PE and construction phase increase in cost by a total of \$967,800 to the project. The shortfalls in both phases are addressed through this amendment.

Project #8 Key 20702	ODOT	OR99W SB Ramp to I-5 SB (Capital Highway Interchange)	In SW Portland on OR99W at SW Capital Highway IC on SB Ramp to I-5, preserve deck with structural overlay	<b>COST INCREASE:</b> Preliminary Engineering and construction phases increase in cost due to use of external consulting for PE while construction phase added minor scope elements including cleaning and painting of the steel bearings plus the replacement of deficient ADA ramps. The project cost also was adjusted for inflation. The total project cost increases from \$408,000 to \$1,335,494.
Project #9 Key 20465	ODOT	<del>I-5: Barbur Blvd NB connection bridge</del> OR99W: Barbur Boulevard Northbound Connection Bridge	Paint structure; remove pack rust. Replace rivets and bolts.	<b>COST INCREASE:</b> Preliminary Engineering and construction phases increase in cost due to use of external consulting for PE while the construction phase has increased due to bid prices, plus the costs of the containment for paint removal/paint application and the disposal of hazardous waste were not included in the original project estimate. The project name is being updated to reflect that the mile points are actually for OR99W, and not I-5. There are no changes to the project location or scope. The total project cost increase is \$828,692.
Project #10 Key 20298	ODOT	<del>I-84: Fairview - Marine Drive &amp; Tooth Rock Tunnel</del> I-84: Fairview - Marine Drive	Repave a section of I-84 between Fairview and Marine Dr repaves the Tooth Rock tunnel and installs a full signal upgrade (including ADA) at NE238th Ave. <del>Deck overlay and repair joints on the McCord Creek Bridge (#02193B).</del>	<b>SCOPE CHANGE:</b> A more extensive project for Tooth Rock Tunnel is being scoped for the 21-24 STIP cycle. Through this amendment, the Tooth Rock Tunnel paving work from this project's scope to be re-added in the 21-24 STIP. Similarly, the McCord Creek Bridge is being considered for the 21-24 STIP. As such, this scope element also is removed Key 20298. The project name and description are updated as a result. The revised project scope results in a cost decrease to the project.
Project #11 Key 21126	TriMet	FY18 TriMet Prevent Maint (TOD Fund Exchange)	Enables the annual Transit Oriented Development (TOD) fund exchange to occur	<b>CANCELED PROJECT:</b> Key 21126 is a duplicate entry in the MTIP to TriMet's Key 21262 which already obligated its funds. Key 21126 is being removed from the MTIP as a corrective action.

**Exhibit A to Resolution 19-4961**

**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
20810	70885	Oregon City	Molalla Ave. Beavercreek Rd - Hwy 213					Active Transportation	\$ 7,985,379
Project Description:			Bike lanes along the entire Molalla Ave: Beavercreek Rd to Highway 213. Continuous ADA compliant sidewalks, ramps; trees and ped level street lighting on west side of corridor; transit amenities along both sides of the corridor and street furnishings						
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
TriMet GF	Local	Local	2019		\$ 1,257,466				\$ 1,257,466
Local	Local	Local	2019		\$ 143,923				\$ 143,923
TriMet GF	Local	Local	2019			\$ 467,514			\$ 467,514
Local	Local	Local	2019			\$ 53,509			\$ 53,509
TriMet GF	Local	Local	2020					\$ 2,075,652	\$ 2,075,652
Local	Local	Local	2020					\$ 3,987,315	\$ 3,987,315
Total:				\$ -	\$ 1,401,389	\$ 521,023	\$ -	\$ 6,062,967	\$ 7,985,379
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. TriMet GF = TriMet local General Funds. .</div> <div>4. Local = General local funds committed by the lead agency in support of the required local match to the federal funds.</div>								

**Amendment Summary**

Proposed changes are stated on the next page

PROJECT #1 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
20810	70885	Oregon City	Molalla Ave. Beaver Creek Rd - Hwy 213					Active Transportation	\$ 7,985,379
Project Description:			Bike lanes along the entire Molalla Ave. from Hwy 213 to Hwy 213. Continuous ADA compliant sidewalks, ramps; trees and ped level street lighting on west side of the corridor and street furnishings along both sides of the corridor and street furnishings						
Amended Funding Table									
Fund Type Code	Fund Code	Type	Year	Plan	Right of Way	Construction	Other (TSMO/ITS)	Total	
TriMet GF	Local	Local	2019		\$ 1,257,466			\$ 1,257,466	
Local	Local	Local	2019		\$ 143,923			\$ 143,923	
TriMet GF	Local	Local	2019			\$ 467,514		\$ 467,514	
Local	Local	Local	2019			\$ 53,509		\$ 53,509	
TriMet GF	Local	Local	2020				\$ 2,075,652	\$ 2,075,652	
Local	Local	Local	2020				\$ 3,987,315	\$ 3,987,315	
Total:			\$ -	\$ 1,401,389	\$ 521,023	\$ -	\$ 6,062,967	\$ 7,985,379	
Notes:	<div>1. Red Font = Funding reductions made to the project phase. Blue font = Additions/changes 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. STP&gt;200K = Federal Surface Transportation Program funds allocated to Metro and must be applied in urban areas with a population greater than 200,000.</div> <div>4. Local = General local funds committed by the lead agency in support of the required local match to the federal funds.</div>								
<div>Amendment Summary</div> <p>Key 20810 was initially awarded \$3,800,632 of federal funds through the 2019-21 Metro Regional Flexible Fund Allocation (RFFA). Subsequent to this award, a project review indicated Key 20810 would be a good candidate for de-federalization. No federal approvals appear required allowing Oregon City to complete the project separately from the regular federal delivery process. Applicable pedestrian and bicycle scope improvements have been incorporated into the Metro Pedestrian and Bicycle modeling networks through the RFFA call.</p> <p>From an air quality viewpoint, the project is exempt under 40 CFR 93.126, Table 2, "Air Quality - Bicycle and pedestrian facilities category". The project is also considered a non-capacity improvement. Local funds from TriMet were used to swap out the federal funds. TriMet will use the federal funds in support of their federal project needs. By replacing the federal funds with local funds, Oregon City can move forward to deliver the project faster than if the project remained federalized. Without federal approvals required to deliver the project, funded by only local funds, and as an exempt project, Key 20810 is not necessary to remain in the MTIP. The project is being removed from the MTIP through this amendment.</p> <p>Metro has completed a local Intergovernmental Agreement (IGA) with Oregon City and will monitor the project delivery status separate from the MTIP requirements. Local funding as shown in the funding table remains committed to deliver the project.</p>									

**Exhibit A to Resolution 19-4961**

**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
20451	70996	ODOT	OR8 at River Road					Operations	\$ 1,182,643
Project Description:		Full signal upgrade with illumination and ADA improvements							
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 STBG-FLX	Z240	Federal	2019		\$ 253,826				\$ 253,826
State	Match	State	2019		\$ 29,052				\$ 29,052
State STBG-FLX	Z240	Federal	2020			\$ 82,146			\$ 82,146
State	Match	State	2020			\$ 9,402			\$ 9,402
State STBG-FLX	Z240	Federal	2021					\$ 725,213	\$ 725,213
State	Match	Local	2021					\$ 83,004	\$ 83,004
Total:			\$ -	\$ 282,878	\$ 91,548	\$ -	\$ 808,217	\$ 1,182,643	
Notes:	<div>1. Red Font = Funding reductions made to the project phase. Blue font = Additions/changes 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 allocated to ODOT for use on eligible highway improvement projects.</div> <div>4. State = General state funds committed by ODOT in support of the required local match to the federal funds.</div>								

**Amendment Summary**

Proposed changes are stated on the next page

PROJECT #2 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
20451	70996	ODOT	OR8 at River Road OR8 at River Rd & OR224 at Lake Rd					Operations	\$ 2,151,970
Project Description:			Full signal upgrade with illumination and ADA improvements Full signal upgrade with illumination and ADA improvements at the intersection of OR8 and River Rd in the City of Hillsboro. Replace overhead flasher with ground mounted advance flashers at the intersection of OR224 and Lake Rd in Clackamas County.						
Amended MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Railroad Improvements)	Construction	Total
ADVCON	ACPO	Federal	2019		\$ 143,907				\$ 143,907
State	Match	State	2019		\$ 16,471				\$ 16,471
NHPP-FAST	Z001	Federal	2019		\$ 446,745				\$ 446,745
State	Match	State	2019		\$ 51,132				\$ 51,132
Rail Hwy Cross Haz	ZS40	Federal	2019				\$ 270,000		\$ 270,000
State	Match	State	2019				\$ 30,000		\$ 30,000
State STBG-FLX	Z240	Federal	2020			\$ 82,146			\$ 82,146
State	Match	State	2020			\$ 9,402			\$ 9,402
ADVCON	ACPO	Federal	2021					\$ 49,576	\$ 49,576
State	Match	State	2021					\$ 5,674	\$ 5,674
NHPP-FAST	Z001	Federal	2021					\$ 939,399	\$ 939,399
State	Match	State	2021					\$ 107,518	\$ 107,518
Total:				\$ -	\$ 658,255	\$ 91,548	\$ 300,000	\$ 1,102,167	\$ 2,151,970
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. ADVCON = A federal fund code placeholder termed "Advance Construction". Use when Obligation Authority limitations or federal fund programming liquidity exists. Requires ODOT to use State funds to initially cover the phase's costs until the federal fund is known.</div> <div>4. NHPP-FAST = Federal National Highway Performance Program Funds allocated to ODOT from the FAST Act for various highway improvement needs.</div> <div>5. Rail Hwy Cross Haz = Federal Railroad Crossing Hazards funding allocated to ODOT supporting railroad crossing safety improvements.</div> <div>6. State STBG-FLX = Federal Surface Transportation Block Grant funds allocated to ODOT for use on eligible highway improvement projects.</div> <div>7. State = General state funds committed by ODOT in support of the required local match to the federal funds.</div>								

#### **Amendment Summary**

The decision to combine scope and funding from Keys 20454 and 20507 originates from a review that determined the three projects can be delivered under a single contract as similarities in scope activities exist among all three in the project limits. The combining action is considered a fund leveraging effort to save on costs, hold down cost increased, and provide increased efficiencies in project delivery.

The scope and funding from Keys 20454 and 20507 are being combined into Key 20451 as shown on the previous page. The changes to the project scope through the combining effort are significant enough to require a formal amendment to complete the combining effort. \$300, from ODOT's Key 20352, Statewide Rail Crossing Program FFY19, is being shifted to Key 20451. The \$300k is now shown in the Other phase in 2019 supporting required railroad crossing improvements. The project limits are adjusted to include project site locations from Key 20454 on OR224 from MP 2.4 to MP 2.5.

The project name and description are also updated based on the adjusted scope and project limits.

A total of \$109,078 is being transferred from Key 20454 and \$560,250 originates from Key 20507. Note: Adjustments to Keys 20454 and 20507 are included in this amendment bundle and follow as the next two projects in the notification table. The \$300k from for railroad improvements is from the ODOT statewide project grouping funding pot and is considered outside the MPO boundary area. Funding changes to Key 20352 are not required to be included in this amendment bundle. ODOT will make the required funding adjustments directly to the STIP.



Exhibit A to Resolution 19-4961

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
20454	70997	ODOT	OR224 at Lake/Harmony					Highway	\$ 109,078
Project Description:		Replace overhead flasher with ground mounted advance flashers.							
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 STBG-FLX	Z240	Federal	2020		\$ 49,466				\$ 49,466
State	Match	State	2020		\$ 5,662				\$ 5,662
State STBG-FLX	Z240	Federal	2021					\$ 48,409	\$ 48,409
State	Match	State	2021					\$ 5,541	\$ 5,541
Total:				\$ -	\$ 55,128	\$ -	\$ -	\$ 53,950	\$ 109,078
PROJECT #3 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
20454	70997	ODOT	<del>OR224 at Lake/Harmony</del>					Highway	\$ -
Project Description:		<del>Replace overhead flasher with ground mounted advance flashers.</del>							
Amended MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
State STBG-FLX	Z240	Federal	2020		\$ -				\$ -
State	Match	State	2020		\$ -				\$ -
State STBG-FLX	Z240	Federal	2021					\$ -	\$ -
State	Match	State	2021					\$ -	\$ -
Total:				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Notes:	<div>1. Red Font = Funding reductions made to the project phase. Blue font = Additions/changes 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 allocated to ODOT for use on eligible highway improvement projects.</div> <div>4. State = General state funds committed by ODOT normally in support of the required match to the federal funds.</div>								

**Amendment Summary**

Key 20454's scope and funding is combined into Key 20451 to enhance project delivery efficiencies. See Amendment Summary details for Key 20451. As a result Key 20454 is zeroed programmed and will be removed from the MTIP.

**Exhibit A to Resolution 19-4961**

**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
20507	70981	ODOT	OR213 (82nd Ave) at Madison High School					Highway	\$ 1,120,502
Project Description:		Replace signal; rebuild and restripe existing crosswalk; add crosswalks and close a driveway.							
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 STBG-FLX	Z240	Federal	2019		\$ 192,920				\$ 192,920
Local	Match	Local	2019		\$ 22,081				\$ 22,081
State STBG-FLX	Z240	Federal	2020			\$ 134,146			\$ 134,146
Local	Match	Local	2020			\$ 15,354			\$ 15,354
State STBG-FLX	Z240	Federal	2020				\$ 9,870		\$ 9,870
Local	Match	Local	2020				\$ 1,130		\$ 1,130
State STBG-FLX	Z240	Federal	2021					\$ 668,489	\$ 668,489
Local	Match	Local	2021					\$ 76,512	\$ 76,512
Total:			\$ -	\$ 215,001	\$ 149,500	\$ 11,000	\$ 745,001	\$ 1,120,502	
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 STP-FLX = Federal allocated Surface Transportation Program funding which ODOT manages/</div> <div>4. Local = General local funds committed by the lead agency in support of the required local match to the federal funds.</div>								

**Amendment Summary**

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PROJECT #4 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
20507	70981	ODOT	OR213 (82nd Ave) at Madison High School					Highway	\$ 1,120,500
Project Description:		Replace signal; rebuild and restripe existing crosswalk; add crosswalks and close a driveway.							
Amended MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
Other	OTH0	Local	2019		\$ 215,000				\$ 215,000
Other	OTH0	Local	2019			\$ 149,500			\$ 149,500
Other	OTH0	Local	2019				\$ 11,000		\$ 11,000
Other	OTH0	Local	2019					\$ 184,750	\$ 184,750
State	S010	State	2019					\$ 560,250	\$ 560,250
Total:				\$ -	\$ 215,000	\$ 149,500	\$ 11,000	\$ 745,000	\$ 1,120,500
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 = General state funds that tin this case are added for the construction phase in place of the federal funds that are being transferred to Key 20451.								
	4. Other = Local funds committed by Portland Public Schools in support of the project								
Amendment Summary									
Key 20507 is being de-federalized upon review of the project and similar project in development by Portland Public Schools (PPS). PPS is currently developing their own Madison High School project, and their scope is identical to that of the ODOT project. PPS is already partway through design and their delivery schedule is ahead of the ODOT project. The project review supports PPS to continue delivering the project.									
ODOT will contribute \$560,250 state funds to the project (IGA in development). This amendment serves to convert the project into a locally funded and delivered project with a \$560,250 contribution from ODOT, as approved by Jeff Flowers.									
PPS's delivery schedule is ahead of ODOT's project. The amendment for Key 20507 also advances ROW, UR and CN all to 2019.									
A budget shortfall has been identified on project K20451. \$560,250 Enhance funds from this project are being reallocated to K20451. This project will remain programmed in the MTIP and STIP.									

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PROJECT #5 EXISTING MTIP PROGRAMMING									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
20430	70972	ODOT	I-5: MP 303.27 - MP 308.63					Bridge	\$ 7,799,500
Project Description:		Install variable speed advisory signs on I-5 northbound and southbound from the Fremont Bridge to Marine Drive							
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
HISP	ZS30	Federal	2017		\$ 1,386,500				\$ 1,386,500
HSIP	ZS30	Federal	2020					\$ 6,413,000	\$ 6,413,000
									\$ -
Total:			\$ -	\$ 1,386,500	\$ -	\$ -	\$ 6,413,000	\$ 7,799,500	
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 = 100% federal - no match required Highway Safety Improvement Program funding allocated to ODOT supporting needed safety improvements								

**Amendment Summary**

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PROJECT #5 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
20430	70972	ODOT	<del>I-5: MP 303.27 – MP 308.63</del> I-5: Marine Dr - Fremont Bridge					Bridge	\$ 7,799,500
Project Description:		Install variable speed advisory signs on I-5 northbound and southbound from the Fremont Bridge to Marine Drive							
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	ZS30	Federal	2017		\$ 1,386,500				\$ 1,386,500
ADVCON	ACPO	Federal	2017		\$ 314,000				\$ 314,000
ADVCON	ACPO	Federal	2019					\$ 6,099,000	\$ 6,099,000
Total:				\$ -	\$ 1,700,500	\$ -	\$ -	\$ 6,099,000	\$ 7,799,500
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. HSIP = 100% federal - no match required Highway Safety Improvement Program funding allocated to ODOT supporting needed safety improvements</div> <div>5. ADVCON = A federal fund code placeholder termed "Advance Construction". Use when Obligation Authority limitations or federal fund programming liquidity exists. Requires ODOT to use State funds to initially cover the phase's costs until the federal fund is known.</div>								

<u>Amendment Summary</u>	
<p>The amendment shifts \$314,000 of construction phase funding to cover a PE funding shortfall. The Preliminary Engineering cost increase are due to a combination of the following factors:</p> <p>(1) The design schedule was required to be extended six months to address various project issues.</p> <p>(2) Additional efforts in traffic control plans that involved additional meetings with management and the mobility advisory committee.</p> <p>(3) Design modifications from Maintenance with security fencing</p> <p>(4) Required coordination with Washington Department of Transportation related to traffic control devices extending into the State of Washington.</p> <p>The limits and scope change address the need to drop its northernmost ITS site (Hayden Island) in order to stay within overall budget. Removing this site will allow sufficient funding for the design and construction of all remaining sites. The project limits change from 303.27 -308.63 (net of 5.36) to 302.80 to 307.30 (net of 4.50) which results in an over limits change of 0.86 which is greater than the 0.25 threshold for limit changes and triggers the formal amendment.</p> <p>The shift of construction phase funding is allowable as the update estimate has been reduced. The net total cost for the project remains unchanged at \$7,799,500.</p>	

Exhibit A to Resolution 19-4961

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
20481	70973	ODOT	I-405: Fremont (Willamette River) Bridge					Bridge	\$ 27,794,616
Project Description:		Paint bridge approaches; other section as funding allows.							
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	2019		\$ 843,783				\$ 843,783
State	Match	State	2019		\$ 96,575				\$ 96,575
NHPP-FAST	Z001	Federal	2021					\$ 24,096,326	\$ 24,096,326
State	Match	State	2021					\$ 2,757,932	\$ 2,757,932
									\$ -
Total:				\$ -	\$ 940,358	\$ -	\$ -	\$ 26,854,258	\$ 27,794,616
Notes:	<div>1. <b>Red Font</b> = Funding reductions made to the project phase. <b>Blue font</b> = 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 from the FAST Act for various highway improvement needs.</div> <div>4. State = General state funds committed by ODOT normally in support of the required match to the federal funds.</div>								

**Amendment Summary**

Proposed changes are stated on the next page

PROJECT #6 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
20481	70973	ODOT	I-405: Fremont (Willamette River) Bridge					Bridge	\$ 17,794,616
Project Description:		Paint bridge approaches; other section as funding allows.							
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	2019		\$ 843,783				\$ 843,783
State	Match	State	2019		\$ 96,575				\$ 96,575
NHPP-FAST	Z001	Federal	2019					\$ 15,123,326	\$ 15,123,326
State	Match	State	2019					\$ 1,730,932	\$ 1,730,932
									\$ -
Total:				\$ -	\$ 940,358	\$ -	\$ -	\$ 16,854,258	\$ 17,794,616
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 from the FAST Act for various highway improvement needs.</div> <div>4. State = General state funds committed by ODOT normally in support of the required match to the federal funds.</div>								

#### Amendment Summary

This amendment transfers \$10,000,000 from Key 20481 to Key 20077 to support Major Bridge Maintenance FFY 2019 program.

In 1990, the State of Oregon established a major bridge maintenance (MBM) program, to specifically address major and emergency bridge repairs that were not selected in the STIP or other funding sources. This type of work is generally determined to be of high enough priority that waiting for the STIP or other funding source is not an acceptable solution.

With OTC approval, the programming updates for MBM can be used to address safety, preservation, and strengthening needs for bridges statewide. The additional \$10 million is required to support the funding for strengthening identified bridges. The strengthening of these bridges will be done so that there is adequate load capacity for the vehicles that are using the bridges.

Three major bridges in Portland are undergoing load ratings and advance analysis which include: (1) Willamette River, Interstate 5 (Marquam), (2) Willamette River, U.S. 30 Bypass (St. Johns), and (3) Willamette River, Oregon 99 West (Steel)

Key 20077 is ODOT's statewide project grouping bucket supporting the FFY 2019 Major Bridge Maintenance program. Key 20077 is programmed outside of the MPO boundary area and not programmed in the MTIP. ODOT will provide the required updates to Key 20077 through the STIP.



**Exhibit A to Resolution 19-4961**

**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
20484	70976	ODOT	SW Multnomah Blvd over I-5					Bridge	\$ 1,571,000
Project Description:		Place a structural overlay on the deck; replace or repair leaking joints; and retrofit the bridge rails to meet safety standards.							
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		\$ 191,125				\$ 191,125
State	Match	State	2017		\$ 21,875				\$ 21,875
NHPP-FAST	Z001	Federal	2020					\$ 1,218,533	\$ 1,218,533
State	Match	State	2020					\$ 139,467	\$ 139,467
									\$ -
Total:				\$ -	\$ 213,000	\$ -	\$ -	\$ 1,358,000	\$ 1,571,000
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 from the FAST Act for various highway improvement needs.</div> <div>4. State = General state funds committed by ODOT normally in support of the required match to the federal funds.</div>								

**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
20484	70976	ODOT	SW Multnomah Blvd over I-5					Bridge	\$ 2,538,800
Project Description:		Place a structural overlay on the deck; replace or repair leaking joints; and retrofit the bridge rails to meet safety standards.							
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	ZS30	Federal	2017		\$ 191,125				\$ 191,125
State	Match	State	2017		\$ 21,875				\$ 21,875
ADVCON	ACP0	Federal	2017		\$ 278,971				\$ 278,971
State	Match	State	2017		\$ 31,929				\$ 31,929
ADVCON	ACP0	Federal	2020					\$ 1,807,970	\$ 1,807,970
State	Match	State	2020					\$ 206,930	\$ 206,930
Total:				\$ -	\$ 523,900	\$ -	\$ -	\$ 2,014,900	\$ 2,538,800
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. Redistribution = Annual federal funds (similar to Surface Transportation Block Grant STBG) redistributed from FHWA back to the states. These are unobligated funds from other states that failed to meet their annual obligation targets. States that do meet their obligation targets receive a portion as a bonus for the year. These federal funds are referred to as "Redistribution funds" and programmed with this nomenclature/</div> <div>5. ADVCON = A federal fund code placeholder termed "Advance Construction". Use when Obligation Authority limitations or federal fund programming liquidity exists. Requires ODOT to use State funds to initially cover the phase's costs until the federal fund is known.</div> <div>6. State = General state funds committed by ODOT normally in support of the required match to the federal funds.</div>								

Amendment Summary
<p>Trough this amendment, PE increases by \$310,900 and construction phase by \$656,900. The cost increase are primarily due to the PE phase changing from an internal driven effort to an external consultant led process. The construction phase increase results from having to include overpass protective screening and moving the delivery date to 2020.</p> <p>The additional funds will be sourced from several areas which include: (1) The cancellation of K20540 (a Region 5 bridge project). (2) The removal of bridge scope/funding from K20298. And, (3) \$400K from Statewide Bridge funding buckets K20082/K20083.</p> <p>The cost increase is \$967,800 which equals a 61.6% increase to the project resulting in the need for the formal amendment.</p>

**Exhibit A to Resolution 19-4961**

**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									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
20702	71016	ODOT	OR99W SB Ramp to I-5 SB (Capitol Highway Interchange)					Bridge	\$ 408,000
Project Description:		In SW Portland on OR99W at SW Capitol Highway IC on SB Ramp to I-5 preserve deck with structural overlay							
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
ADVCON	ACPO	Federal	2019		\$ 35,892				\$ 35,892
State	Match	State	2019		\$ 4,108				\$ 4,108
ADVCON	ACPO	Federal	2020					\$ 330,206	\$ 330,206
State	Match	State	2020					\$ 37,794	\$ 37,794
									\$ -
Total:				\$ -	\$ 40,000	\$ -	\$ -	\$ 368,000	\$ 408,000
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. ADVCON = A federal fund code placeholder termed "Advance Construction". Use when Obligation Authority limitations or federal fund programming liquidity exists. Requires ODOT to use State funds to initially cover the phase's costs until the federal fund is known.</div> <div>4. State = General state funds committed by ODOT normally in support of the required match to the federal funds.</div>								

**Amendment Summary**

Proposed changes are stated on the next page

PROJECT #8 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
20702	71016	ODOT	OR99W SB Ramp to I-5 SB (Capitol Highway Interchange)					Bridge	\$ 1,335,494
Project Description:		In SW Portland on OR99W at SW Capitol Highway IC on SB Ramp to I-5 preserve deck with structural overlay							
Amended MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
ADVCON	ACPO	Federal	2019		\$ 311,812				\$ 311,812
State	Match	State	2019		\$ 35,688				\$ 35,688
ADVCON	ACPO	Federal	2020					\$ 886,527	\$ 886,527
State	Match	State	2020					\$ 101,467	\$ 101,467
									\$ -
Total:			\$ -	\$ 347,500	\$ -	\$ -	\$ 987,994	\$ 1,335,494	
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. ADVCON = A federal fund code placeholder termed "Advance Construction". Use when Obligation Authority limitations or federal fund programming liquidity exists. Requires ODOT to use State funds to initially cover the phase's costs until the federal fund is known.</div> <div>4. State = General state funds committed by ODOT normally in support of the required match to the federal funds.</div>								

#### Amendment Summary

The amendment address a funding shortfall in the PE and construction phases. The estimate for preliminary engineering was based on the design being done internally, and did not fully account for roadway, traffic control, and project management costs. The project now will be designed by external consulting sources increasing the engineering costs.

The Construction costs have increased to account for the addition of the cleaning and painting of the steel bearings, replacement of deficient ADA ramps, and for inflation.

The summary of cost increases to the phases are as follows: PE increases by \$307,500 with construction increasing by \$619,994. The total project cost increases from \$408,00 to \$1,334,494

Funds are being sourced from a combination of the cancellation of K20540 (a Region 5 bridge project), and the removal of bridge scope/funding from ODOT's Key K20298, I-84: Fairview - Marine Drive and Tooth Rock Tunnel (also part of this amendment bundle).

**Exhibit A to Resolution 19-4961**

**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
20465	70998	ODOT	I-5: Barbur Blvd NB connection bridge					Bridge	\$ 1,669,975
Project Description:		Paint structure; remove pack rust. Replace rivets and bolts							
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	2019		\$ 122,033				\$ 122,033
State	Match	State	2019		\$ 13,967				\$ 13,967
NHPP-FAST	Z001	Federal	2020					\$ 1,376,436	\$ 1,376,436
State	Match	State	2020					\$ 157,539	\$ 157,539
									\$ -
Total:			\$ -	\$ 136,000	\$ -	\$ -	\$ 1,533,975	\$ 1,669,975	
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 from the FAST Act for various highway improvement needs.</div> <div>4. State = General state funds committed by ODOT normally in support of the required match to the federal funds.</div>								

<p><b><u>Amendment Summary</u></b></p> <p>Proposed changes are stated on the next page</p>
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PROJECT #9 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
20465	70998	ODOT	<del>I-5: Barbur Blvd NB Connection Bridge</del> OR99W: Barbur Boulevard Northbound Connection Bridge					Bridge	\$ 2,498,667
Project Description:		Paint structure; remove pack rust. Replace rivets and bolts							
Amended MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
ADVCON	ACPO	Federal	2019		\$ 308,420				\$ 308,420
State	Match	State	2019		\$ 35,300				\$ 35,300
ADVCON	ACPO	Federal	2020					\$ 1,933,634	\$ 1,933,634
State	Match	State	2020					\$ 221,313	\$ 221,313
Total:				\$ -	\$ 343,720	\$ -	\$ -	\$ 2,154,947	\$ 2,498,667
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. ADVCON = A federal fund code placeholder termed "Advance Construction". Use when Obligation Authority limitations or federal fund programming liquidity exists. Requires ODOT to use State funds to initially cover the phase's costs until the federal fund is known.</div> <div>4. State = General state funds committed by ODOT normally in support of the required match to the federal funds.</div>								

#### Amendment Summary

The amendment addresses a PE and construction phase funding shortfall. The initial estimate for preliminary engineering was based on the entire design being done internally. The design of the paint portion of the project will be done by ODOT's Bridge Preservation Unit. The remainder of the project will be designed by a consultant. As a result, the engineering costs have increased.

Construction costs have increased due to bid prices that are higher than were accounted for when the project was initially programmed. Additionally, the costs of the containment for paint removal/paint application and the disposal of hazardous waste were not included in the original project estimate.

The project name is being updated to reflect that the mile points are actually for OR99W, and not I-5. There are no changes to the project location or scope. The cost increase to EP is \$207,720 while the construction phase increases by \$620,972. The total project cost increase is \$828,692.

The source of the additional funding originates from a combination of the canceled project Key 20540 (a Region 5 bridge project), and the removal of bridge scope/funding from Key 20298, I-84: Fairview - Marine Drive and Tooth Rock Tunnel (also part of this amendment bundle).

**Exhibit A to Resolution 19-4961**

**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									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
20298	70939	ODOT	I-84: Fairview - Marine Drive & Tooth Rock Tunnel					Preservation	\$ 5,792,148
Project Description:		Repave a section of I-84 between Fairview and Marine Dr repaves the Tooth Rock tunnel and installs a full signal upgrade (including ADA) at NE238th Ave. Deck overlay and repair joints on the McCord Creek Bridge (#02193B).							
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	2019		\$ 370,660				\$ 370,660
State	Match	State	2019		\$ 31,270				\$ 31,270
ADVCON	ACP0	Federal	2019		\$ 322,770				\$ 322,770
State	Match	State	2019		\$ 27,230				\$ 27,230
NHPP-FAST	Z001	Federal	2020			\$ 2,294			\$ 2,294
State	Match	State	2020			\$ 194			\$ 194
NHPP-FAST	Z001	Federal	2021					\$ 3,937,110	\$ 3,937,110
State	Match	State	2021					\$ 450,620	\$ 450,620
ADVCON	ACP0	Federal	2021					\$ 599,430	\$ 599,430
State	Match	State	2021					\$ 50,570	\$ 50,570
Total:			\$ -	\$ 751,930	\$ 2,488	\$ -	\$ 5,037,730	\$ 5,792,148	
Notes:	<div>1. <b>Red Font</b> = Funding reductions made to the project phase. <b>Blue font</b> = 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 from the FAST Act for various highway improvement needs.</div> <div>4. ADVCON = A federal fund code placeholder termed "Advance Construction". Use when Obligation Authority limitations or federal fund programming liquidity exists. Requires ODOT to use State funds to initially cover the phase's costs until the federal fund is known.</div> <div>5. State = General state funds committed by ODOT normally in support of the required match to the federal funds.</div>								

**Amendment Summary**

Proposed changes are stated on the next page

PROJECT #10 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
20298	70939	ODOT	I-84: Fairview - Marine Drive & <del>Tooth Rock Tunnel</del> I-84: Fairview - Marine Drive					Preservation	\$ 4,792,148
		Project Description:	<del>Repave a section of I-84 between Fairview and Marine Dr repaves the Tooth Rock tunnel and installs a full signal upgrade- (including ADA) at NE238th Ave. Deck overlay and repair joints on the McCord Creek Bridge (#02193B).</del> Repave a section of I-84 between Fairview and Marine Dr and install a full signal upgrade (including ADA) at NE 238th Ave.						
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	2019		\$ 263,703				\$ 263,703
State	Match	State	2019		\$ 22,247				\$ 22,247
NHPP	M001	Federal	2019		\$ 106,957				\$ 106,957
State	Match	State	2019		\$ 9,023				\$ 9,023
NHPP-FAST	Z001	Federal	2020			\$ 2,294			\$ 2,294
State	Match	State	2020			\$ 194			\$ 194
NHPP-FAST	Z001	Federal	2021					\$ 3,778,971	\$ 3,778,971
State	Match	State	2021					\$ 318,807	\$ 318,807
NHPP	M001	Federal	2021					\$ 267,394	\$ 267,394
State	Match	State	2021					\$ 22,558	\$ 22,558
Total:			\$ -	\$ 401,930	\$ 2,488	\$ -	\$ 4,387,730	\$ 4,792,148	
Notes:	<div>1. Red Font = Funding reductions made to the project phase. Blue font = Additions/changes 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 from the FAST Act for various highway improvement needs.</div> <div>4. NHPP = Federal National Highway Performance Program (other than FAST ACT) allocated to ODOT for highway system performance improvements</div> <div>5. ADVCON = A federal fund code placeholder termed "Advance Construction". Use when Obligation Authority limitations or federal fund programming liquidity exists. Requires ODOT to use State funds to initially cover the phase's costs until the federal fund is known.</div> <div>6. State = General state funds committed by ODOT normally in support of the required match to the federal funds.</div>								



**Amendment Summary**

A more extensive project for Tooth Rock Tunnel is being scoped for the 21-24 STIP cycle. Therefore, the Tooth Rock Tunnel paving work has been removed from this project's scope and it will be completed in the 2021-2024 STIP.

Similarly, the McCord Creek Bridge is being considered for the 21-24 STIP and it is the top priority bridge project for Region 1. ODOT is removing the McCord Creek Bridge work from this project's scope as well.

The \$1,000,000 HB2017 Bridge Seismic funds associated with the McCord Creek Bridge scope is being reallocated to keys 20465, 20484, and 20702.

As a result of the scope changes, the project name and description removes the "Tooth Rock Tunnel" from both. The PE phase decreases from \$751,930 to \$401,930 and the construction phase decreases from \$5,037,730 to \$4,387,730. The net change decreases the total project cost by \$1,000,000, Delivery years remain unchanged.

Exhibit A to Resolution 19-4961

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 #11 EXISTING MTIP PROGRAMMING									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
21126	71020	TriMet	FY18 TriMet Prevent Maint (TOD) Fund Exchange)					Transit	\$ 3,461,176
Project Description:		Enables the annual Transit Oriented Development (TOD) fund exchange to occur							
Existing MTIP Project Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Construction	Other (Transit)	Total
STP>200K	Z230	Federal	2019					\$ 3,105,713	\$ 3,105,713
Local	Match	Local	2019					\$ 355,463	\$ 355,463
Total:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,461,176	\$ 3,461,176

PROJECT #11 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
21126	71020	TriMet	FY18 TriMet Prevent Maint (TOD) Fund Exchange)					Transit	\$ -
Project Description:		Enables the annual Transit Oriented Development (TOD) fund exchange to occur							
Amended MTIP Fund Programming by Phase									
Fund Type Code	Fund Code	Type	Year	Planning	Preliminary Engineering	Right of Way	Construction	Other (Transit)	Total
STP>200K	FF90	Federal	2020					\$ -	\$ -
Local	Match	Local	2020					\$ -	\$ -
Total:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions/changes made to the project as part of the amendment.								
	2. STP>200K = Surface Transportation Program funds allocated to Metro for use in areas with a population of at least 200,000 people								
	3. Local = General local funds committed by the lead agency in support of the required local match to the federal funds.								

**Amendment Summary**

During the FFY 2018 End of Year Project Phase Slips Review, Key 21126 was identified a duplicate project to Key 21262. Key 21262 is TriMet's FY 2018 TOD Exchange project which already obligated. Canceling a project from the MTIP requires a formal amendment, but insufficient time was available to complete the amendment and delete the project from FFY 2018. The project was carried over (slipped) into FFY 2019 and now is being canceled from the MTIP as a corrective action.