

Date: Tuesday, October 31 2017
 To: JPACT and Interested Parties
 From: Ken Lobeck, Funding Programs Lead, 503-797-1785
 Subject: October 2017 MTIP Formal Amendment plus Approval Request of Resolution 17-4853

STAFF REPORT

FOR THE PURPOSE OF ADDING OR AMENDING EXISTING PROJECTS TO THE 2018-21 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM TO ADD AND AMEND THE REMAINING NEW HB2017 AWARDED PROJECTS, PLUS TO ADD OR AMEND 2018 MTIP PROJECTS THAT REQUIRE IMPLEMENTATION CORRECTIONS (OC18-03-OCT)

BACKGROUND

What this is:

The September 2017 Formal MTIP Amendment bundle contains required changes and updates for three categories of projects: (1) The remaining newly awarded HB2017 projects not submitted in August or September, (2) needed 2018 MTIP Project corrections or additions, and (3) updates/corrections to the Metro Transit Oriented Development (TOD) annual fund exchange and High Capacity Transit (HCT) bond payment projects. The summary of the projects within the three categories in this amendment include the following:

October 2017 Formal Amendment to the 2018 MTIP – Project Composition				
Num	Lead Agency	ODOT Key Number	Project Name	Amendment Action
HB2017 Awarded Projects				
1	ODOT	New	OR8: SE 73 rd – Minter Bridge	Add \$1.5 million of awarded HB2017 funds to the PE phase (using the federal Advance Construction fund code)
2	ODOT	20703	US30: Sandy River (Troutdale) Bridge (BR#02019)	Adding HB2017 awarded funding to the construction phase in 2019
3	ODOT	20471	OR99W: Tualatin River NB Bridge	Adding HB2017 awarded funding to the construction phase in 2019
4	ODOT	New	I-5 Over NE Hassalo St and NE Holiday St (BR# 08583)	Adds the full HB2017 awarded project to the 2018 MTIP
5	ODOT	20410	I-84: East Portland Fwy - NE 181st Ave	Adding HB2017 awarded ROW and construction phase funding to the project. ROW in 2019 and construction in 2020. Project is now fully programmed.
6	ODOT	20298	I-84: Fairview - Marine Drive & Tooth Rock Tunnel	Adds a \$1 million HB2017 funding award to the project as follows: \$350k total to increase PE phase in 2019 and increases construction phase with \$650k of HB2017 fund to address phase funding shortfalls
HB2017 Projects Not Included as part of the 2017 October Formal Amendment				
1	ODOT Portland	New	Columbia Blvd Pedestrian Safety Improvements	HB2017 award: \$1,500,000 Project funding will be transferred directly to Portland per ODOT-Salem. If required, project will be added to 2018 MTIP once scope and limits are known.
HB2017 Awarded Projects to be Added to the 2018 MTIP Upon Approval of the new Regional Transportation Plan				
1	ODOT	18841	OR217: OR10 - 99W SB AUXILIARY LANE	Aux lane not identified in the current RTP. Must wait to add ROW and Construction phases until new RTP is approved that will include the aux lane project

Notes: Two HB2017 funded projects are not being added at this time. They include:

1. Per ODOT-Salem direction, the funding for "Columbia Blvd Pedestrian Safety Improvements" project (awarded \$1,500,000 of HB2017) will be directly transferred to the city of Portland. Portland will develop the project scope, limits, and funding breakdown. If determined to be a regionally significant project, or needs to be a federalized project, or will include any federal approvals, then it will be added to the 2018 MTIP.
2. Key 18841. The project has been awarded \$44,000,000 for the construction phase. However, the project is not identified in the fiscally constrained 2014 RTP or included in the Metro transportation roadway modeling network. ODOT has submitted the project for inclusion in the constrained new RTP. Upon approval of the new RTP (estimated around December 2018), The project implementation phases of ROW and the construction phase can be added to the 2018 MTIP with ROW in 2019 and construction (with the 44,000,000 of HB2017 funds) in 2020.

Num	Lead Agency	ODOT Key Number	Project Name	Amendment Action
Remaining 2018 MTIP October 2017 Formal Amendment Projects				
Note: Projects #7 through #14 involve the Metro-TriMet TOD fund exchange				
7	Metro	19286	Transit Oriented Development Program - 2018	Swaps the federal STP-Urban funds for TriMet Local funds. The STP goes to TriMet's new Preventive Maintenance project in 2018 included in this amendment.
8	TriMet	New	TriMet Preventive Maintenance (TOD) 2018	Adds a new project which is the federal STP from Metro's 2018 TOD program for TriMet's Preventive Maintenance program in 2018
9	Metro	20881	Transit Oriented Development Program - 2019	Swaps the federal STP-Urban funds for TriMet Local funds. The STP goes to TriMet's new Preventive Maintenance project in 2019 included in this amendment.
10	TriMet	New	TriMet Preventive Maintenance (TOD) 2019	Adds a new project which is the federal STP from Metro's 2019 TOD program for TriMet's Preventive Maintenance program in 2019
11	Metro	20882	Transit Oriented Development Program - 2020	Swaps the federal STP-Urban funds for TriMet Local funds. The STP goes to TriMet's new Preventive Maintenance project in 2020 included in this amendment.
12	TriMet	New	TriMet Preventive Maintenance (TOD) 2020	Adds a new project which is the federal STP from Metro's 2020 TOD program for TriMet's Preventive Maintenance program in 2020
13	Metro	20883	Transit Oriented Development Program - 2021	Swaps the federal STP-Urban funds for TriMet Local funds. The STP goes to TriMet's new Preventive Maintenance project in 2021 included in this amendment.
14	TriMet	New	TriMet Preventive Maintenance (TOD) 2020	Adds a new project which is the federal STP from Metro's 2021 TOD program for TriMet's Preventive Maintenance program in 2021
Note: Additional 2018 MTIP Clean-up Projects in #15 & 16 below				
15	ODOT	20483	I-205 Division St – Killingsworth St	Canceled project: Key 20483 was carried over into the 2018 draft MTIP. Then, key 20483 was combined into Key 18804 in the 2015-18 MTIP and canceled. This occurred after the 2018 MTIP had been locked-down. Funds have been obligated. Key 20483 can be canceled from the 2018 MTIP
16	ODOT	20498	I-5: Tigard Interchange – I-205 Interchange	Canceled project: Key 20498 was carried over into the 2018 draft MTIP. Then, key 20483 was combined into Key 18836 in the 2015-18 MTIP and canceled. This occurred after the 2018 MTIP had been locked-down. Funds have been obligated. Key 20498 can be canceled from the 2018 MTIP

Projects #17-#25 are required project corrections to the 2019-2021 HCT Bond Payment Projects				
17	TriMet	20830	2019 Regional High Capacity Transit Bond Payment	Adding required additional STBG funding (and match) to required 2019 commitment levels by combining STBG from Keys 20890 and 20893 into Key 20830. As a result Keys 20890 and 20893 are canceled.
18	Metro	20890	High Capacity Transit Bond Commitment (New) 2019	STBG funds are transferred and combined into Key 20830. As a result, Key 20890 is canceled from the 2018 MTIP.
19	Metro	20893	Project Development Bond Commitment 2019	STBG funds are transferred and combined into Key 20830. As a result, Key 20893 is canceled from the 2018 MTIP.
20	TriMet	20832	2020 Regional High Capacity Transit Bond Payment	Adding required additional STBG funding (and match) to required 2020 commitment levels by combining STBG from Keys 20891 and 20894 into Key 20832. As a result Keys 20891 and 20894 are canceled.
21	Metro	20891	High Capacity Transit Bond Commitment (New) 2020	STBG funds are transferred and combined into Key 20832. As a result, Key 20891 is canceled from the 2018 MTIP.
22	Metro	20894	Project Development Bond Commitment 2020	STBG funds are transferred and combined into Key 20832. As a result, Key 20894 is canceled from the 2018 MTIP.
23	TriMet	20834	2021 Regional High Capacity Transit Bond Payment	Adding required additional STBG funding (and match) to required 2020 commitment levels by combining STBG from Keys 20892 and 20895 into Key 20834. As a result Keys 20892 and 20895 are canceled.
24	Metro	20892	High-Capacity Transit Bond Commitment (New) 2021	STBG funds are transferred and combined into Key 20834. As a result, Key 20892 is canceled from the 2018 MTIP.
25	Metro	20895	Project Development Bond Commitment 2021	STBG funds are transferred and combined into Key 20834. As a result, Key 20895 is canceled from the 2018 MTIP.
Project #26 is a new project for SMART being added to the 2018 MTIP				
26	SMART	New	Low or No-Emission (Low-No) Bus Program – FY 17	New project being added to the 2018 MTIP based on a new discretionary grant award for SMART to purchase replacement electric buses

About HB2017

HB2017 contains multiple components of funding. The awarded projects represent one category of funding within HB2017. Project awards originate as named, programmatic, or conditioned/directed. Named projects appear to be similar to earmarks. Some of the awarded funding was awarded to ODOT program areas (Preservation & Culverts, Seismic, Bridge, etc.). A few are also directed/or conditioned to increase funding by the instructions of HB2017. The HB2017 conditions for these projects relate to time and funding amounts that are specifically, funded from HB2017. The total project awards within these three funding areas (named, programmatic, or directed/conditioned) appear to sum up to 115 projects. A total of 31 projects are identified in Region 1. Twenty-three projects are identified in the Metro MPO boundary area and are in the process of being programmed in the 2018 MTIP

August & September 2017 Formal Amendment to the 2018 MTIP Summary

Completing HB2017 required programming actions in the 2018 MTIP for the 23 projects has been spread over three amendments. By spreading the programming effort across multiple amendments, additional time was provided to work through programming issues for several projects (e.g. projects and required description, verification of scope of work, project funding verification, delivery timing, etc. The October 2017 Formal MTIP amendment includes the remaining HB2017 awarded Metro MPO projects. The amendment processing of the HB2017 began with the August

2017 Formal Amendment and continued with the September 2017 Formal Amendment. A summary of the previously submitted HB2017 projects in those two amendments includes the following:

Num	Key Number	Lead Agency	Project Name	Description	HB2017 Total Award
Submitted as part of the August 2017 Formal MTIP Amendment					
1	NEW	ODOT	I-205: Johnson Creek - Glenn Jackson Bridge (CBOS ATM) (AKA Corridor Bottleneck)	NB Aux lane segments + ATMS improvements NB & SB	\$30,700,000
2	19786	ODOT	I-205: Stafford Rd - OR99E	Planning/project development activities to add a third lane in each direction between Stafford Road and OR43 and a fourth lane on the Abernethy Bridge to help separate through traffic	Directed funding to add \$10,000,000 of NHFP
Submitted as part of the September 2017 Formal Amendment					
3	New	ODOT	I-205 Paving Project	Non-capacity paving and rehab activities as part of the clean-up to the I-205 CBOS-ATMS project	\$5,000,000
4	19763	ODOT	I-84: Graham Road Bridge Replacements	Improvements to Graham Road at the intersection with I-84 in City of Troutdale Replace bridges #07046 & 07046A	\$3,000,000
5	New	ODOT	Powell Blvd: I-205 to 176th Multi-Modal Improvements	Widen street to three to four lanes (inclusive of a center turn lane) with sidewalks and buffered bike lanes or other enhanced bike facility. Add enhanced pedestrian and bike crossings.	\$110,000,000
6	New	ODOT	OR217: SW 72nd Ave – SW Scholl's Ferry Rd (OR210) NB Auxiliary Lane	On OR217 from about 72nd Ave to SWE Scholl's Ferry Road (OR210) construct New NB auxiliary lane segments - Adding only PE phase at this time	\$54,000,000
7	18772	ODOT	OR212: SE RICHEY RD - US26	Multi-lift paving of the highway in conjunction with targeted deeper pavement	\$700,000
8	19355	ODOT	OR212: ROCK CREEK - RICHEY RD	Repave roadway and upgrade ADA to current standards	\$1,210,451
9	19356	ODOT	OR212: UPRR STRUCTURE - ROCK CREEK	Repave roadway (1R) and upgrade ADA to current standards. Three inch inlay between fog lines (six inches beyond)	\$657,473
10	New	ODOT	OR213: FOSTER - LINDY	Repave roadway, upgrade ADA ramps to current standards, improve access management, and address drainage as needed	\$9,200,000
11	20299	ODOT	US26: SYLVAN - OR217	Repave mainline of roadway to improve pavement condition and extend service life.	\$624,212
12	20435	ODOT	OR99W: I-5 - MCDONALD ST	Repave roadway, upgrade ADA ramps to current standards, improve access management, and address drainage as needed. Includes full signal upgrade at Johnson/Main.	\$1,000,000
13	New	ODOT	OR99W: MCDONALD - FISCHER RD	Repave roadway, upgrade ADA ramps to current standards, improve access management, and address drainage as needed HB2017 awarded project, (\$8,100,000 original award)	\$8,100,000
14	20300	ODOT	US26: OR217 - CORNELL RD	Repave mainline of roadway to improve pavement condition and extend service life.	\$994,894
15	19071	ODOT	I-5 Rose Quarter Congestion Relief Project	This project continues prior planning and project development efforts of the Broadway-Weidler Facility Plan and the N/NE Quadrant Plan, which identified transportation investments that would result in improved safety and operations and support economic growth. Proposed multi-modal improvements include: Ramp-to-Ramp (Auxiliary) Lanes, Highway Shoulders, Highway Covers, New Overcrossing, I-5 Southbound Ramp	Directed funding to add \$14,265,452 of NHFP funding for a total \$20,391,998 in the Preliminary Engineering phase

				Relocation, New Bike and Ped Crossing, and improved Bike and Ped Facilities.	
Note: NHFP = federal National Highway Freight Program funding					

Other 2018 MTIP Project Corrections and/or New Project Submissions (non HB2017)

A portion of this amendment initiates corrective programming actions to several existing 2018 MTIP projects, or is submitting new projects for inclusion in the 2018 MTIP. Several reasons exist for the required project corrections. Four of the main reasons include (1) projects not obligating a 2017 phase which now needs to slip into 2018. (2) Scope and/or funding changes have occurred to projects after the 2018 MTIP was locked down for final reviews and approvals. (3) Project delays in completing a specific phase (most notably Preliminary Engineering) resulting in schedule delays and changes to implementation phase obligation years. (4) The emergence of new regional significant, federally funded, or new projects needing federal approvals that are required to be programmed in the MTIP. The purpose of completing these “clean-up” amendments are to ensure the 2018 STIP and 2018 MTIP match correctly per federal requirements. With permission from FHWA, phase slip corrections to eighteen projects were allowed to be processed as administrative modifications during October 2017. Clean-up amendment actions will continue over the next couple of monthly bundled amendments either as formal corrections or administrative modifications to the 2018 MTIP.

A third part of the October 2017 Formal MTIP Amendment includes needed corrections or updates to projects supporting the 2019-2021 Metro-TriMet TOD fund exchange and the High Capacity Transit Bond Payment projects. Upon review of the HCT Bond Payment projects, the project projects are being combined together based on their total annual payment amount rather than being programmed against their specific resolution amount. This will eliminate having multiple HCT bond payment projects programmed each year. Using the updated bond payment schedule as identified as part of Resolution 17-4848, the total amount among Resolutions 08-3942, 10-4185, 17-4800, and 17-4848 is being programmed annually as a single project. The funding from other existing annual bond payments is being combined into the following projects:

<u>Key</u>	<u>Year</u>	<u>Lead</u>	<u>Project Name</u>
20830	2019	TriMet	2019 Regional High Capacity Transit Bond Payment
20832	2020	TriMet	2020 Regional High Capacity Transit Bond Payment
20834	2021	TriMet	2021 Regional High Capacity Transit Bond Payment

What is the requested action?

Staff is requesting a JPACT approval recommendation of resolution 17-4853 to Metro Council enabling the new HB2017, TOD fund exchange projects, HCT bond payment projects and needed corrections 2018 MTIP projects to occur allowing final approval to then occur from USDOT.

A summary of the projects included in the September 2017 Formal MTIP Amendment bundle is provided in the following tables on the next pages.

1. Project: OR8: SE 73rd -Minter Bridge	
Lead Agency:	ODOT
ODOT Key Number:	New TBD. The Key number has not yet been assigned to the project
Project Description:	This project is a major non-capacity, preservation category, rehab type scope element that will repave roadway, upgrade ADA ramps to current standards, and address drainage as needed
What is changing?	This is a new project being added to the 2018 MTIP with funding awarded from HB2017. The federal fund code of Advance Construction (ADVCON) will be used to

	program the awarded funding.
Additional Details:	This is a new HB2017 awarded project for Region 1. Only the Preliminary Engineering phase is being programmed at this time. RIW (if required) and the Construction phase will be added in 2019 or 2020.
Why a Formal amendment is required?	Per the FHWA STIP and MTIP amendment matrix, adding or cancelling a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized requires a full/formal amendment to be completed to add the project to the MTIP.
Total Programmed Amount:	HB2017 awarded \$1,500,000 in funding for the project.
Added Notes:	OTC approval was required for this project. Approval occurred during their September 22, 2017 meeting.

2. Project: US30: Sandy River (Troutdale) Bridge (BR#0219)	
Lead Agency:	ODOT
ODOT Key Number:	19763
Project Description:	Design shelf ready plans to paint bridge; replace sidewalk, and repair foundation
What is Changing?	Adding the construction phase and funding (HB2017 awarded funding) to the project through this amendment.
Additional Details:	Non capacity enhancing bridge rehabilitation project. The construction phase is planned to occur in 2019
Why a Formal amendment?	Per the FHWA/FTA/ODOT/MPO Amendment Matrix, cost changes that exceed 20% for \$1 million or greater projects require a formal MTIP amendment
Total Programmed Amount:	Adding the construction phases increases the total project programming from \$565,000 to \$6,315,000. The fund code Advanced Construction (ADVCON) will be used for programming purposes in place of the HB2017 fund type code.
Other and Notes:	OTC HB2017 project approval at their September 22, 2017 meeting.

3. Project: OR99W: Tualatin River NB Bridge	
Lead Agency:	ODOT
ODOT Key Number:	20471
Project Description:	Design shelf ready plans to replace the current structural overlay
What is Changing?	Through this amendment, the construction phase funding is being added to the project.
Additional Details:	
Why a Formal amendment?	Per the FHWA/FTA/ODOT/MPO Amendment Matrix, cost changes that exceed 50% for project costs under \$500,000 require a formal MTIP amendment
Total Programmed Amount:	Total HB2017 funding award is \$110,000,000. The fund code Advanced Construction (ADVCON) will be used for programming purposes in place of the HB2017 fund type code
Other and Notes:	OTC HB2017 project approval at their September 22, 2017 meeting

4. Project: I-5 Over NE Hassalo St and NE Holiday St (BR# 08583)	
Lead Agency:	ODOT
ODOT Key Number:	New project
Project Description:	Design shelf ready plans to replace the current structural overlay
What is Changing?	Adding a new HB2017 awarded project to the 2018 MTIP
Additional Details:	100% HB2017 funded project. The federal fund code Advance Construction (ADVCON) is being used in place of the State fund code HB2017 for programming purposes.
Why a Formal amendment?	Per the FHWA STIP and MTIP amendment matrix, adding or cancelling a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized requires a full/formal amendment to be completed to

	add the project to the MTIP.
Total Programmed Amount:	The PE phase programming total is \$1,000,000 with Construction at \$4,000,000. The total project cost estimate is \$5,000,000.
Other and Notes:	OTC HB2017 project approval at their September 22, 2017 meeting

5. Project:	I-84: East Portland Fwy - NE 181st Ave
Lead Agency:	ODOT
ODOT Key Number:	20410
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 NE 238th Ave
What is Changing?	The amendment replaces PE phase NHPP funding with HB2017 awarded funding (using the Advance Construction fund type code) and adds the construction phase to the 2018 MTIP
Additional Details:	100% HB2017 funded project. The federal fund code Advance Construction (ADVCON) is being used in place of the State fund code HB2017 for programming purposes.
Why a Formal amendment?	Per the FHWA/FTA/ODOT/MPO Amendment Matrix, cost changes that exceed 50% for project costs under \$500,000 require a formal MTIP amendment
Total Programmed Amount:	The PE phase programming total is \$500,000 with Construction at \$3,100,000. The total project cost estimate is \$3,600,000.
Other and Notes:	OTC HB2017 project approval at their September 22, 2017 meeting

6. Project:	I-84: Fairview - Marine Drive & Tooth Rock Tunnel
Lead Agency:	ODOT
ODOT Key Number:	20298
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 NE 238th Ave
What is Changing?	Awarded HB2017 funding is being added to the PE and Construction phases to address a funding shortfall in both phases based on the latest cost estimates for the project
Additional Details:	Existing project
Why a Formal amendment?	Per the FHWA STIP and MTIP amendment matrix, cost increases above 20% for \$1 million or greater project costs require a formal amendment.
Total Programmed Amount:	The total project programming increases from \$4,792,148 to \$5,792,148. Total HB2017 funding award is 1,000,000. The fund code Advanced Construction (ADVCON) will be used for programming purposes in place of the HB2017 fund type code.
Other and Notes:	OTC HB2017 project approval at their September 22, 2017 meeting
End HB2017 Project List as part of the Amendment	

Begin 2018 MTIP Project Corrections or Additions Requiring a Formal Amendment	
7. Project:	Transit Oriented Development Program - 2018
Lead Agency:	Metro
ODOT Key Number:	19286
Project Description:	Local fund portion Metro receives to the annual Metro-TriMet Transit Oriented Development (TOD) STP and Local funds exchange. The TOD program works directly with developers and local jurisdictions to create vibrant downtowns main streets and station areas by helping to change land use patterns near transit.
What is Changing?	Transfers the federal STP funds to TriMet as part of the TOD fund exchange
Additional Details:	Existing project in the 2018 MTIP
Why a Formal amendment?	Because this project is paired together with TriMet's new 2018 Preventive Maintenance (TOD) project that receives the federal STP, it is required to be

	processed as a formal MTIP amendment.
Total Programmed Amount:	MTIP programming for Key 19286 replace federal STP with local TriMet funds supporting 2018 TOD activities. Total programmed amount remains unchanged at \$3,461,176.
Other and Notes:	2018 annual Metro-TriMet TOD fund exchange

8. Project: TriMet Preventive Maintenance (TOD) 2018	
Lead Agency:	TriMet
ODOT Key Number:	New
Project Description:	Bus and rail preventive maintenance funding support
What is Changing?	Through the annual TOD fund exchange, TriMet receives federal STP for preventive maintenance needs during 2018 from Key 19286 above.
Additional Details:	Local funds transferred to Key 19286
Why a Formal amendment?	Per the FHWA STIP and MTIP amendment matrix, adding or cancelling a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized requires a full/formal amendment to be completed to add the project to the MTIP.
Total Programmed Amount:	Total programming remains unchanged at \$3,461,176
Other and Notes:	2018 annual Metro-TriMet fund exchange

9. Project: Transit Oriented Development Program - 2019	
Lead Agency:	Metro
ODOT Key Number:	20881
Project Description:	Local fund portion Metro receives to the annual Metro-TriMet Transit Oriented Development (TOD) STP and Local funds exchange. The TOD program works directly with developers and local jurisdictions to create vibrant downtowns main streets and station areas by helping to change land use patterns near transit.
What is Changing?	Transfers the federal STBG funds to TriMet as part of the TOD fund exchange
Additional Details:	Existing project in the 2018 MTIP
Why a Formal amendment?	Because this project is paired together with TriMet's new 2019 Preventive Maintenance (TOD) project that receives the federal STP, it is required to be processed as a formal MTIP amendment.
Total Programmed Amount:	MTIP programming for Key 20881 replaces federal STBG with local TriMet funds supporting 2019 TOD activities. Total programmed amount remains unchanged at \$3,555,298.
Other and Notes:	2019 annual Metro-TriMet TOD fund exchange

10. Project: TriMet Preventive Maintenance (TOD) 2019	
Lead Agency:	TriMet
ODOT Key Number:	New
Project Description:	Bus and rail preventive maintenance funding support
What is Changing?	Through the annual TOD fund exchange, TriMet receives federal STP for preventive maintenance needs during 2019 from Key 20881 above.
Additional Details:	Local funds transferred to Key 20881
Why a Formal amendment?	Per the FHWA STIP and MTIP amendment matrix, adding or cancelling a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized requires a full/formal amendment to be completed to add the project to the MTIP.
Total Programmed Amount:	Total programming remains unchanged at \$3,555,298
Other and Notes:	2019 annual Metro-TriMet TOD fund exchange

11. Project: Transit Oriented Development Program - 2020	
Lead Agency:	Metro
ODOT Key Number:	20882
Project Description:	Local fund portion Metro receives to the annual Metro-TriMet Transit Oriented Development (TOD) STP and Local funds exchange. The TOD program works directly with developers and local jurisdictions to create vibrant downtowns main streets and station areas by helping to change land use patterns near transit.
What is Changing?	Transfers the federal STBG funds to TriMet as part of the TOD fund exchange
Additional Details:	Existing project in the 2018 MTIP
Why a Formal amendment?	Because this project is paired together with TriMet's new 2020 Preventive Maintenance (TOD) project that receives the federal STBG, it is required to be processed as a formal MTIP amendment.
Total Programmed Amount:	MTIP programming for Key 20882 replaces federal STBG with local TriMet funds supporting 2020 TOD activities. Total programmed amount remains unchanged at \$3,662,242.
Other and Notes:	2020 annual Metro-TriMet TOD fund exchange

12. Project: TriMet Preventive Maintenance (TOD) 2020	
Lead Agency:	TriMet
ODOT Key Number:	New
Project Description:	Bus and rail preventive maintenance funding support
What is Changing?	Through the annual TOD fund exchange, TriMet receives federal STBG for preventive maintenance needs during 2020 from Key 20882 above.
Additional Details:	Local funds transferred to Key 20882
Why a Formal amendment?	Per the FHWA STIP and MTIP amendment matrix, adding or cancelling a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized requires a full/formal amendment to be completed to add the project to the MTIP.
Total Programmed Amount:	Total programming remains unchanged at \$3,662,248
Other and Notes:	2020 annual Metro-TriMet TOD fund exchange

13. Project: Transit Oriented Development Program - 2021	
Lead Agency:	Metro
ODOT Key Number:	20883
Project Description:	Local fund portion Metro receives to the annual Metro-TriMet Transit Oriented Development (TOD) STP and Local funds exchange. The TOD program works directly with developers and local jurisdictions to create vibrant downtowns main streets and station areas by helping to change land use patterns near transit.
What is Changing?	Transfers the federal STBG funds to TriMet as part of the TOD fund exchange
Additional Details:	Existing project in the 2018 MTIP
Why a Formal amendment?	Because this project is paired together with TriMet's new 2021 Preventive Maintenance (TOD) project that receives the federal STBG, it is required to be processed as a formal MTIP amendment.
Total Programmed Amount:	MTIP programming for Key 20883 replaces federal STBG with local TriMet funds supporting 2021 TOD activities. Total programmed amount remains unchanged at \$3,782,120.
Other and Notes:	2021 annual Metro-TriMet TOD fund exchange

14. Project: TriMet Preventive Maintenance (TOD) 2021	
Lead Agency:	TriMet
ODOT Key Number:	New
Project Description:	Bus and rail preventive maintenance funding support
What is Changing?	Through the annual TOD fund exchange, TriMet receives federal STP for preventive maintenance needs during 2021 from Key 20883 above.
Additional Details:	Local funds transferred to Key 20883
Why a Formal amendment?	Per the FHWA STIP and MTIP amendment matrix, adding or cancelling a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized requires a full/formal amendment to be completed to add the project to the MTIP.
Total Programmed Amount:	Total programming remains unchanged at \$3,782,120
Other and Notes:	2021 annual Metro-TriMet TOD fund exchange

15. Project: I-205 Division St – Killingsworth St [to be deleted]	
Lead Agency:	ODOT
ODOT Key Number:	20483
Project Description:	Construct a NB Auxiliary lane on I-205 from the I-84 EB to I-205 NB off ramp at Killingsworth St and a SB Auxiliary lane on I-205 from I-84 EB to I-205 SB on ramp to the existing Auxiliary lane at Division / Powell St
What is Changing?	Key 20483 was carried-over into the 2018-21 MTIP. Subsequent to the 2018 MTIP lockdown, Key 20483 was combined into Key 18804 in the 2015 MTIP. The amendment was completed in the 2015 MTIP and was approved by OTC as well on 2/16/17. This is a technical clean-up action to now remove Key 20483 from the 2018 MTIP.
Additional Details:	Existing project previously combined into another project and canceled in the 2015 MTIP
Why a Formal amendment?	Adding or cancelling a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized
Total Programmed Amount:	Total project programming decreases from \$14,800,000 to \$0. Project is canceled in the 2018 MTIP
Other and Notes:	Original OTC approval during their February 2017 meeting and their federal funds were obligated through the 2015-18 STIP & MTIP

16. Project: I-5: Tigard Interchange – I-205 Interchange [to be deleted]	
Lead Agency:	ODOT
ODOT Key Number:	20498
Project Description:	Remove and replace asphalt surface to repair rutted pavement.
What is Changing?	Key 20498 was carried-over into the 2018-21 MTIP. Subsequent to the 2018 MTIP lockdown, Key 20498 was combined into Key 18836 in the 2015 MTIP. The amendment was completed in the 2015 MTIP and was approved by OTC as well on 2/16/17. This is a technical clean-up action to now remove Key 20483 from the 2018 MTIP.
Additional Details:	Existing project
Why a Formal amendment?	Adding or cancelling a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized
Total Programmed Amount:	Total project programming decreases from \$8,000,000 to \$0. Project is canceled in the 2018 MTIP.
Other and Notes:	Original OTC approval during their February 2017 meeting and their federal funds were obligated through the 2015-18 STIP & MTIP

17. Project: 2019 Regional High Capacity Transit Bond Payment	
Lead Agency:	TriMet
ODOT Key Number:	20830
Project Description:	Funding to meet the existing commitment to pay off bonded debt that made a regional contribution to the Portland-Milwaukie Light Rail project the Portland-Lake Oswego Transit Project and costs of acquiring transit buses.
What is Changing?	Increasing the annual bond debt payment to the required 2019 amount per Resolution 08-3942, Resolution 10-4185, Resolution 17-4800, and Resolution 17-4848
Additional Details:	Reflects grand total of bond payment funds identified in the four resolutions
Why a Formal amendment?	The cost increase for \$1 million or greater project costs exceeds the 20% threshold for administrative modifications
Total Programmed Amount:	Total programming adds STBG and match and increases from \$17,831,271 to \$22,712,581
Other and Notes:	Per new resolution 17-4848 and payment schedule

18. Project: High Capacity Transit Bond Commitment (New) 2019 <i>[to be deleted]</i>	
Lead Agency:	Metro
ODOT Key Number:	20890
Project Description:	Bond for an additional amount of flexible funds to continue investing in the Region's high-capacity transit (HCT) network.
What is Changing?	Key 20830 now combines the bond funding identified in the four resolutions which include funds from this project: Resolution 08-3942, Resolution 10-4185, Resolution 17-4800, and Resolution 17-4848. The funds are combined into Key 20830 to meet the FY 2019 total bond payment requirement. As a result, the programming in key 20890 decreases to zero and is canceled from the 2018 MTIP.
Additional Details:	All 2019 bond payments will be combined into one project in the MTIP: Key 20830
Why a Formal amendment?	Adding or <u>cancelling</u> a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized
Total Programmed Amount:	Total programming decreases from \$5,728,296 to \$0. Project is canceled.
Other and Notes:	Combining into one FY2019 project (Key 20830) also avoids any possible double programming issues.

19. Project: Project Development Bond Commitment 2019 <i>[to be deleted]</i>	
Lead Agency:	Metro
ODOT Key Number:	20893
Project Description:	Funding for the regions arterial and other related improvement on bottlenecks.
What is Changing?	Key 20830 now combines the bond funding identified in the four resolutions which include these funds: Resolution 08-3942, Resolution 10-4185, Resolution 17-4800, and Resolution 17-4848. The funds are combined into Key 20830 to meet the FY 2019 total bond payment requirement. As a result, the programming in key 20890 decreases to zero and is canceled from the 2018 MTIP.
Additional Details:	All 2019 bond payments will be combined into one project in the MTIP: Key 20830
Why a Formal amendment?	Adding or <u>cancelling</u> a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized
Total Programmed Amount:	Total programming decreases from \$1,404,213 to \$0. Project is canceled.
Other and Notes:	Combining into one FY2019 project (Key 20830) also avoids any possible double programming issues.

20. Project: 2020 Regional High Capacity Transit Bond Payment	
Lead Agency:	TriMet
ODOT Key Number:	20832
Project Description:	Funding to meet the existing commitment to pay off bonded debt that made a regional contribution to the Portland-Milwaukie Light Rail project the Portland-Lake Oswego Transit Project and costs of acquiring transit buses.
What is Changing?	Increasing the annual bond debt payment to the required 2020 amount per Resolution 08-3942, Resolution 10-4185, Resolution 17-4800, and Resolution 17-4848
Additional Details:	Reflects grand total of bond payment funds identified in the four resolutions
Why a Formal amendment?	The cost increase for \$1 million or greater project costs exceeds the 20% threshold for administrative modifications
Total Programmed Amount:	Total programming adds STBG and match and increases from \$17,831,271 to \$23,838,180
Other and Notes:	Per new resolution 17-4848 and payment schedule

21. Project: High Capacity Transit Bond Commitment (New) 2020 <i>[to be deleted]</i>	
Lead Agency:	Metro
ODOT Key Number:	20891
Project Description:	Bond for an additional amount of flexible funds to continue investing in the Region's high-capacity transit (HCT) network.
What is Changing?	Key 20832 now combines the bond funding identified in the four resolutions which include funds from this project: Resolution 08-3942, Resolution 10-4185, Resolution 17-4800, and Resolution 17-4848. The funds are combined into Key 20830 to meet the FY 2019 total bond payment requirement. As a result, the programming in key 20891 decreases to zero and is canceled from the 2018 MTIP.
Additional Details:	All 2020 bond payments will be combined into one project in the MTIP: Key 20832
Why a Formal amendment?	Adding or <u>cancelling</u> a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized
Total Programmed Amount:	Total programming decreases from \$5,728,296 to \$0. Project is canceled.
Other and Notes:	Combining into one FY2020 project (Key 20832) also avoids any possible double programming issues.

22. Project: Project Development Bond Commitment 2020 <i>[to be deleted]</i>	
Lead Agency:	Metro
ODOT Key Number:	20894
Project Description:	Bond for an additional amount of flexible funds to continue investing in the Region's high-capacity transit (HCT) network.
What is Changing?	Key 20832 now combines the bond funding identified in the four resolutions which include funds from this project: Resolution 08-3942, Resolution 10-4185, Resolution 17-4800, and Resolution 17-4848. The funds are combined into Key 20830 to meet the FY 2019 total bond payment requirement. As a result, the programming in key 20891 decreases to zero and is canceled from the 2018 MTIP.
Additional Details:	All 2020 bond payments will be combined into one project in the MTIP: Key 20832
Why a Formal amendment?	Adding or <u>cancelling</u> a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized
Total Programmed Amount:	Total programming decreases from \$1,404,213 to \$0. Project is canceled.
Other and Notes:	Combining into one FY2020 project (Key 20832) also avoids any possible double programming issues.

23. Project: 2021 Regional High Capacity Transit Bond Payment	
Lead Agency:	TriMet
ODOT Key Number:	20834
Project Description:	Funding to meet the existing commitment to pay off bonded debt that made a regional contribution to the Portland-Milwaukie Light Rail project the Portland-Lake Oswego Transit Project and costs of acquiring transit buses.
What is Changing?	Increasing the annual bond debt payment to the required 2020 amount per Resolution 08-3942, Resolution 10-4185, Resolution 17-4800, and Resolution 17-4848
Additional Details:	Reflects grand total of bond payment funds identified in the four resolutions
Why a Formal amendment?	The cost increase for \$1 million or greater project costs exceeds the 20% threshold for administrative modifications
Total Programmed Amount:	Total programming adds STBG and match and increases from \$17,831,271 to \$23,838,180
Other and Notes:	Per new resolution 17-4848 and payment schedule

24. Project: High Capacity Transit Bond Commitment (New) 2021 [to be deleted]	
Lead Agency:	Metro
ODOT Key Number:	20892
Project Description:	Bond for an additional amount of flexible funds to continue investing in the Region's high-capacity transit (HCT) network.
What is Changing?	Key 20834 now combines the bond funding identified in the four resolutions which include funds from this project: Resolution 08-3942, Resolution 10-4185, Resolution 17-4800, and Resolution 17-4848. The funds are combined into Key 20830 to meet the FY 2019 total bond payment requirement. As a result, the programming in key 20891 decreases to zero and is canceled from the 2018 MTIP.
Additional Details:	All 2021 bond payments will be combined into one project in the MTIP: Key 20834
Why a Formal amendment?	Adding or <u>cancelling</u> a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized
Total Programmed Amount:	Total programming decreases from \$5,728,296 to \$0. Project is canceled.
Other and Notes:	Combining into one FY2020 project (Key 20834) also avoids any possible double programming issues.

25. Project: Project Development Bond Commitment 2021 [to be deleted]	
Lead Agency:	Metro
ODOT Key Number:	20895
Project Description:	Bond for an additional amount of flexible funds to continue investing in the Region's high-capacity transit (HCT) network.
What is Changing?	Key 20834 now combines the bond funding identified in the four resolutions which include funds from this project: Resolution 08-3942, Resolution 10-4185, Resolution 17-4800, and Resolution 17-4848. The funds are combined into Key 20830 to meet the FY 2019 total bond payment requirement. As a result, the programming in key 20891 decreases to zero and is canceled from the 2018 MTIP.
Additional Details:	All 2021 bond payments will be combined into one project in the MTIP: Key 20832
Why a Formal amendment?	Adding or <u>cancelling</u> a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized
Total Programmed Amount:	Total programming decreases from \$1,404,213 to \$0. Project is canceled.
Other and Notes:	Combining into one FY2021 project (Key 20834) also avoids any possible double programming issues.

26. Project: Low or No-Emission (Low-No) Bus Program – FY 17	
Lead Agency:	SMART
ODOT Key Number:	New – TBD
Project Description:	In southern Clackamas County, purchase replacement battery electric buses for fixed routes servicing the city of Wilsonville (FTA FY2017 Low-No Grant Award).
What is Changing?	Adding a new discretionary FTA 5339c funding award from FTA's Low or No-Emission (Low-No) Bus FY 2017
Additional Details:	Funding award is for replacement electric buses
Why a Formal amendment?	Per the FHWA STIP and MTIP amendment matrix, adding or cancelling a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized requires a full/formal amendment to be completed to add the project to the MTIP.
Total Programmed Amount:	FTA section 5339c funds awarded of \$1,450,000 plus a required local match of 15% or \$255,882 for a project programming total of \$1,705,882
Other and Notes:	FTA Award notification – September 15, 2017

METRO REQUIRED PROJECT AMENDMENT REVIEWS

In accordance with 23 CFR 450.316-328, Metro is responsible for reviewing and ensuring MTIP amendments comply with all federal programming requirements. Each project and their requested changes are evaluated against multiple MTIP programming review factors that originate from 23 CFR 450.316-328. The programming factors include:

- Verification as required to programmed in the MTIP:
 - Awarded federal funds
 - Regionally significant project
 - Identified on and impacts Metro transportation modeling networks
 - Requires any sort of federal approvals
- Passes fiscal constraint verification:
 - Project eligibility for the use of the funds
 - Proof and verification of funding commitment
 - Requires the MPO to establish a documented process proving MTIP programming does not exceed the allocated funding for each year of the four year MTIP and for all funds identified in the MTIP.
- Passes RTP consistency review:
 - Identified in the current approved constrained RTP either as a stand- alone project or in an approved project grouping bucket
 - RTP project cost consistent with requested programming amount in the MTIP
 - If a capacity enhancing projects – is identified in the approved Metro modeling network
- Satisfies RTP goals and strategies consistency: Meets one or more goals or strategies identified in the current RTP
- Determined the project is eligible to be added to the MTIP, or can be legally amended as required without violating provisions of 23 CFR450.300-338 either as a formal Amendment or administrative modification:
 - Supplemental directive guidance from FHWA/FTA's approved Amendment Matrix
 - Provides conditions and limitation for completing technical corrections, administrative modifications, or formal amendments in the MTIP
 - Guidance: Adding or cancelling a federally funded, and regionally significant project to the STIP and state funded projects which will potentially be federalized.
 - Special programming exceptions periodically negotiated with USDOT as well.

- MPO responsibilities completion:
 - Completion of the required 30 day Public Notification period:
 - Project monitoring and expenditure of allocated funds
 - Acting on behalf of USDOT to provide the required forum and complete necessary discussions of proposed transportation improvements/strategies throughout the MPO.

APPROVAL STEPS AND TIMING

Metro's approval process for formal amendment includes multiple steps. The required approvals for the October 2017 Formal MTIP amendment will include the following:

<u>Action</u>	<u>Target Date</u>
• Initiate the required 30-day public notification process.....	October 24, 2017
• TPAC notification and approval recommendation.....	October 27, 2017
• JPACT approval and recommendation to Council.....	November 16, 2017
• Completion of public notification process.....	November 22, 2017
• Metro Council approval.....	November 30, 2017

USDOT Approval Steps:

<u>Action</u>	<u>Target Date</u>
• Metro development of amendment narrative package	December 1, 2017
• Amendment bundle submission to ODOT and USDOT.....	December 4, 2017
• ODOT clarification and approval.....	January, 2018
• USDOT clarification and final amendment approval.....	January, 2018

ANALYSIS/INFORMATION

1. **Known Opposition:** None known at this time.
2. **Legal Antecedents:** Amends the 2018-2021 Metropolitan Transportation Improvement Program adopted by Metro Council Resolution 17-4817 on July 27, 2017 (For The Purpose of Adopting the Metropolitan Transportation Improvement Program for the Portland Metropolitan Area).
3. **Anticipated Effects:** Enables the projects to obligate and expend awarded federal funds.
4. **Metro Budget Impacts:** None to Metro

RECOMMENDED ACTION:

TPAC recommends the approval of Resolution 17-4853 (recommendation approval October 24, 2017)