

BEFORE THE METRO COUNCIL

FOR THE PURPOSE OF ADDING OR AMENDING ) RESOLUTION NO. 18-4858  
EXISTING PROJECTS TO THE 2018-21 )  
METROPOLITAN TRANSPORTATION ) Introduced by: “Chief Operating Officer  
IMPROVEMENT PROGRAM INVOLVING SIX ) Martha Bennett in concurrence with  
PROJECTS REQUIRING PROGRAMMING ) Council President Tom Hughes”  
ADDITIONS, OR CORRECTIONS IMPACTING )  
GRESHAM, KING CITY, AND ODOT (DE18-05- )  
DEC) )

WHEREAS, the Metropolitan Transportation Improvement Program (MTIP) prioritizes projects from the Regional Transportation Plan (RTP) to receive transportation related funding; and

WHEREAS, the Joint Policy Advisory Committee on Transportation (JPACT) and the Metro Council approved the 2018-21 MTIP via Resolution 17-4817 on July 27, 2017; and

WHEREAS, JPACT and the Metro Council must approve any subsequent amendments to add new projects or substantially modify existing projects in the MTIP; and

WHEREAS, the U.S. Department of Transportation (USDOT) has issued clarified MTIP amendment submission rules and definitions for MTIP formal amendments and administrative modifications that both ODOT and all Oregon MPOs must adhere to which includes that all new projects added to the MTIP must complete the formal amendment process; and

WHEREAS, updated construction phase cost estimates revealed that the Gresham East Metro Connections ITS project requires additional funding in the amount of \$555,000 to cover required overhead and project contingency needs which are being addressed through this amendment; and

WHEREAS, cost increases to King City’s “OR99W: Beef Bend Rd to SW Durham Rd” sidewalk installation project required the project to be re-scoped and adjust the project limits to keep the project within the available project budget limits resulting in a sidewalk gap-fill project with a name and limits change to be “OR99W: SW Royalty Parkway to SW Durham Rd (King City)”; and

WHEREAS, ODOT identified \$940,000 of obligated right-of-way, but unexpended project funding was available from their “OR21/224 Sunrise Corridor: 122nd Ave to 172<sup>nd</sup> Ave” project of which \$330,000 will be applied to Preliminary Engineering (PE) phase needs in their “OR224: (Milwaukie Expressway – SE Rusk Rd to I-205” project and \$910,000 will be applied for PE needs to their “I-205: OR224 (Sunrise Expressway) to Sunnybrook Blvd)” project; and

WHEREAS, project budget constraints required ODOT’s OR99E Rockfall mitigation project to reduce its project limits to be Oregon City Tunnel to Old Canemah Park with an existing scope to inspect and repair existing mesh, scale slop behind mesh removing loose rock vegetation, address rock bolting as needed and clear the catchment/roadside ditch area; and

WHEREAS, all amended projects were evaluated against six revised MTIP review factors to ensure all requested changes and additions can be accomplished legally through the MTIP amendment process; and

WHEREAS, the MTIP review factors included project eligibility/proof of funding, RTP consistency with the financially constrained element, consistency with RTP goals and strategies, determination of amendment type, inclusion in the Metro transportation regional models, determination of Regional Significance, fiscal constraint verification, and compliance with MPO MTIP federal management responsibilities; and

WHEREAS, the MTIP's financial constraint finding is maintained as all projects proof of funding has been verified; and

WHEREAS, no negative impacts to air conformity will exist as a result of the changes completed through the December 2017 Formal MTIP Amendment; and

WHEREAS, all projects included in the December 2017 Formal MTIP Amendment successfully completed a required 30-day public notification/opportunity to comment period without any significant issues raised; and

WHEREAS, TPAC received their notification and recommended approval on December 15, 2017 and approved the amendment recommendation to JPACT; now therefore

BE IT RESOLVED that the Metro Council hereby adopts the recommendation of JPACT on January 18, 2018 to formally amend the 2018-21 MTIP to include the December 2017 Formal Amendment bundle consisting of six projects.

ADOPTED by the Metro Council this 20 day of January 2018.

  
Tom Hughes, Council President



Approved as to Form:



Alison R. Kean, Metro Attorney

2018-2021 Metropolitan Transportation Improvement Program  
 Exhibit A to Resolution 18-4858



Proposed December 2017 Formal Amendment Bundle			
Amendment Type: <b>FORMAL, DE18-05-DEC</b>			
Total Number of Projects: 6			
ODOT Key	Lead Agency	Project Name	Required Changes
#1 18306	Gresham	East Metro Connections ITS	Add \$610,000 of agency local funds to the construction phase to address a revised construction phase cost increase and adding funds in support of the Other phase needs.
#2 18807	King City	<del>OR99EW: SW Beef Bend Rd - SW Durham Rd (King City)</del> OR99W: SW Royalty Parkway - SW Durham Rd (King City)	Changing name, reducing scope to include only one sidewalk infill, reduce ROW funding, reduce the construction phase funding (from the reduced scope), and moving the savings back to PE
#3 19719	ODOT	OR212/224 Sunrise Corridor: 122nd Ave - 172nd Ave	Splitting unexpended funding from this project from the 2015 MTIP and STIP project to two projects being re-added to the 2018 MTIP and STIP with the following changes: Splitting existing unexpended funding with \$330k committed to Key 19720 and \$910k committed to Key 19721. Reduced obligated funding in Key 19719 decreases key 19719 to \$3,400,000. Key 19719 remains as a prior obligated project and will not show up as a active project
#4 19720 New	ODOT	OR224 (Milwaukie Expressway): SE Rusk Rd - I-205	Re-adding project to the 2018 MTIP enabling PE phase to be increased
#5 19721 New	ODOT	I-205: OR224 (Sunrise Expressway) - Sunnybrook Blvd	Splitting \$990k from Key 19719 and adding it to Key 19721 for additional PE phase requirements
#6 18769	ODOT	<del>OR99E: Rockfall Mitigation MP 12.62 - MP14.06</del> OR99E: Rockfall - Oregon City Tunnel to Old Canemah Park	Changing project limits greater than 0.25 miles total and adjusting project name and description per updated scope

Exhibit A to Resolution 18-4858

2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment

Action: Amend the MTIP to increase or adjust required funding and add new projects for the following projects



PROJECT #1 EXISTING MTIP PROGRAMMING									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
18306	70609	Gresham	East Metro Connections ITS					Local Road	\$ 1,075,000
Project Description:			Update traffic signal hardware and communications. Install changeable message sign.						
Existing MTIP Project Fund Programming by Phase									
Fund Code	Note	Type	Year	Planning	Preliminary Engineering	Right of Wav	Construction	Other (ConOps & Svs Test)	Total
CMAQ-State	Z400	Federal	2015		\$ 179,460				\$ 179,460
Local	Match	Local	2015		\$ 20,540				\$ 20,540
NHS	Q050	Federal	2015		\$ 118,594				\$ 118,594
Local	Match	Local	2015		\$ 13,574				\$ 13,574
State STP-FLX	M24E	Federal	2015		\$ 20,487				\$ 20,487
Local	Match	Local	2015		\$ 2,345				\$ 2,345
ADVCON	ACPO	Federal	2018				\$ 464,161		\$ 464,161
Local	Match	Local	2018				\$ 53,125		\$ 53,125
Other	Overmatch	Local	2018				\$ 127,714		\$ 127,714
CMAQ-State	Z400	Federal	2018					\$ 67,298	\$ 67,298
Local	Match	Local	2018					\$ 7,702	\$ 7,702
<b>Total:</b>				\$ -	\$ 355,000	\$ -	\$ 645,000	\$ 75,000	\$ 1,075,000
Notes:	<p>1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.</p> <p>2. Funding programmed in years before 2018 are considered prior obligated and will be shown in the prior obligated total for the project in the 2018 MTIP. They are shown above in their programming years in the shaded fields.</p> <p>3. CMAQ-State = federal Congestion Mitigation Air Quality improvement funds with the allocation now managed by ODOT</p> <p>4. NHS = Federal National Highway System funds allocated to and managed by ODOT</p> <p>5. State STP-FLX = Federal Surface Transportation Program (Flex) allocated and managed by ODOT</p> <p>6. Local = local funds the lead agency commits to the project as part of the required match to the awarded federal funds.</p> <p>7. ADVCON = State Advance Construction funds used as a placeholder for a specific future federal fund code to be assigned to the project</p>								
<p><b>Amendment Summary</b></p> <p>Above reflects current pre-amendment project programming. Proposed amended changes are stated on the next page</p>									

PROJECT #1 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name				Project Type	Project Cost	
18306	70609	Gresham	East Metro Connections ITS				Local Road	\$ 1,685,000	
Project Description: Update traffic signal hardware and communications. Install changeable message sign.									
Amended MTIP Fund Programming by Phase									
Fund Code	Note	Type	Year	Planning	Preliminary Engineering	Right of Way	Construction	Other	Total
CMAQ-State	Z400	Federal	2015		\$ 179,460				\$ 179,460
Local	Match	Local	2015		\$ 20,540				\$ 20,540
NHS	Q050	Federal	2015		\$ 118,594				\$ 118,594
Local	Match	Local	2015		\$ 13,574				\$ 13,574
State STP-FLX	M24E	Federal	2015		\$ 20,487				\$ 20,487
Local	Match	Local	2015		\$ 2,345				\$ 2,345
ADVCON	ACPO	Federal	2018				\$ 464,161		\$ 464,161
Local	Match	Local	2018				\$ 53,125		\$ 53,125
Other	Overmatch	Local	2018				\$ 127,714		\$ 127,714
<b>Other</b>	<b>Overmatch</b>	<b>Local</b>	<b>2018</b>				<b>\$ 514,850</b>	<b>\$ 95,150</b>	<b>\$ 610,000</b>
CMAQ-State	Z400	Federal	2018					\$ 67,298	\$ 67,298
Local	Match	Local	2018					\$ 7,702	\$ 7,702
<b>Total:</b>				<b>\$ -</b>	<b>\$ 355,000</b>	<b>\$ -</b>	<b>\$ 1,159,850</b>	<b>\$ 170,150</b>	<b>\$ 1,685,000</b>
Notes:	<p>1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.</p> <p>2. Funding programmed in years before 2018 are considered prior obligated and will be shown in the prior obligated total for the project in the 2018 MTIP. They are shown above in their programming years in the shaded fields.</p> <p>3. CMAQ-State = federal Congestion Mitigation Air Quality improvement funds with the allocation now managed by ODOT</p> <p>4. NHS = Federal National Highway System funds allocated to and managed by ODOT</p> <p>5. State STP-FLX = Federal Surface Transportation Program (Flex) allocated and managed by ODOT</p> <p>6. Local = local funds the lead agency commits to the project as part of the required match to the awarded federal funds.</p> <p>7. ADVCON = State Advance Construction funds used as a placeholder for a specific future federal fund code to be assigned to the project</p>								

**Amendment Summary**

An additional \$610,000 of local funds are being added to the construction and Other phases to address a revised construction phase cost increase. Part of the increase requires the times to be separated out of the construction phase and programmed/expended through the Other phase

Exhibit A to Resolution 18-4858

2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment

Action: Amend the MTIP to increase or adjust required funding and add new projects for the following projects



PROJECT #2 EXISTING MTIP PROGRAMMING									
ODOT Key	MTIP ID	Lead Agency	Project Name					Project Type	Project Cost
18807	70769	King City	OR99W: SW Beef Bend Rd - SW Durham Rd					Highway	\$ 1,141,020
Project Description:			Install sidewalk on the west side of OR99W						
Existing MTIP Project Fund Programming by Phase - AS PROGRAMMED IN THW 2015 MTIP AND STIP BEFORE ROW OBLIGATION									
Fund Code	Note	Type	Year	Planning	Preliminary Engineering	Right of Way	Construction	Other	Total
Redist	Z030	Federal	2015		\$ 133,787				\$ 133,787
Local	Match	Local	2015		\$ 15,313				\$ 15,313
Other	Overmatch	Local	2015		\$ 15,313				\$ 15,313
ADVCON	ACPO	Federal	2018			\$ 26,919			\$ 26,919
Local	Match	Local	2018			\$ 3,081			\$ 3,081
State STP-FLX	M240	Federal	2018				\$ 753,133		\$ 753,133
Local	Match	Local	2018				\$ 86,199		\$ 86,199
Other	Overmatch	Local	2018				\$ 107,275		\$ 107,275
<b>Total:</b>				\$ -	\$ 164,413	\$ 30,000	\$ 946,607	\$ -	\$ 1,141,020
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment. 2. Funding programmed in years before 2018 are considered prior obligated and will be shown in the prior obligated total for the project in the 2018 MTIP. They are shown above in their programming years in the shaded fields. 3. Redist = Federal funds eligible for Redistribution by ODOT 4. ADVCON = Federal advance construction fund type code used as a placeholder until the specific federal funding is determined 5. State STP-FLX = Federal Surface Transportation Program funding allocated to ODOT 6. Local = Local funds provided by the lead agency as the match requirement against the federal funds. 7. Other = Additional local funds beyond the required match requirement the lead agency provides to the project. Also called "overmatch" funding.								

**Amendment Summary**  
Project changes are stated on the next page

**PROJECT #2 PROPOSED AMENDED CHANGES**

ODOT Key	MTIP ID	Lead Agency	Project Name	Project Type	Project Cost
18807	70769	King City	<del>OR99W: SW Beef Bend Rd - SW Durham Rd</del> OR99W: SW Royalty Parkway - SE Durham Rd (King City)	Highway	\$ 1,141,020
Project Description:			<del>Install sidewalk on the west side of OR99W-</del> On OR99W near King City, fill sidewalk gaps to connect the City to OR99W corridor to increase access to transportation, improve travel options, promote vitality within the town center and enhance overall livability.		

**Amended MTIP Fund Programming by Phase**

Fund Code	Note	Type	Year	Planning	Preliminary Engineering	Right of Way	Construction	Other	Total
State STP-FLX	M240	Federal	2015		\$ 222,084				\$ 222,084
Local	Match	Local	2015		\$ 25,418				\$ 25,418
State STP-FLX	M24E	Federal	2015		\$ 133,787				\$ 133,787
Local	Match	Local	2015		\$ 15,313				\$ 15,313
ADVCON	ACP0	Federal	2018			\$ 10,768			\$ 10,768
Local	Match	Local	2018			\$ 1,232			\$ 1,232
State STP-FLX	M240	Federal	2018				\$ 547,200		\$ 547,200
Local	Match	Local	2018				\$ 62,630		\$ 62,630
Other	Overmatch	Local	2018				\$ 122,588		\$ 122,588
<b>Total:</b>				\$ -	\$ 396,602	\$ 12,000	\$ 732,418	\$ -	\$ 1,141,020

- Notes:
1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.
  2. Funding programmed in years before 2018 are considered prior obligated and will be shown in the prior obligated total for the project in the 2018 MTIP. They are shown above in their programming years in the shaded fields.
  3. Redist = Federal funds eligible for Redistribution by ODOT
  4. ADVCON = Federal advance construction fund type code used as a placeholder until the specific federal funding is determined
  5. State STP-FLX = Federal Surface Transportation Program funding allocated to ODOT
  6. Local = Local funds provided by the lead agency as the match requirement against the federal funds.
  7. Other = Additional local funds beyond the required match requirement the lead agency provides to the project. Also called "overmatch" funding.

**Amendment Summary**

Project name and description are updated based on revised project limits and scope. Multiple fund swaps are completed reflecting actual PE obligations for the project. ROW and construction phase decreases with savings added back to PE phase to address PE phase funding shortfall. Net change is the total project cost remains unchanged.

Project Number 3

Key 19719 - OR212/224 Sunrise Corridor - 122nd to 172nd Ave  
Project programming in the 2015-18 STIP and 2015-18 MTIP

**2015-2018 STIP Approved**

**2015-2018 STIP Approved**

**CLACKAMAS**

Name: OR212/224 SUNRISE CORRIDOR: 122ND AVE - 172ND AVE

Key: 19719

Description: Funding for RW protective purchases

Region: 1

MPO: Non-MPO

Work Type: MODERN

Applicant: ODOT

Status: FUNDED THROUGH RIGHT OF WAY ACQUISITION

**Location(s)**

Mileposts	Length	Route	Highway	ACT	County(s)
6.55 to 8.19	1.64	OR-212	CLACKAMAS	REGION 1 ACT	CLACKAMAS
0.03 to 1.03	1.00	OR-224	CLACKAMAS	REGION 1 ACT	CLACKAMAS

**Approved STIP Amounts**

	Planning	Prelim. Engineering	Right of Way	Utility Relocation	Construction	Other	STIP Total
Total			\$5,000,000.00				\$5,000,000.00

**Current Project Estimate**

	Planning	Prelim. Engineering	Right of Way	Utility Relocation	Construction	Other	Project Total
Year			2016				
Total			\$4,650,000.00				\$4,650,000.00
Fund 1			B4A0 \$4,650,000.00				
Match							

**Most Recent Amendment Approved**

Amendment No: 15-18-2869

Approval Date: 9/5/2017

Requested Action: Reduce RW to \$4,640,000 by splitting \$270,000 to K19720 and \$90,000 to K19721.

Footnote:



**Exhibit A to Resolution 18-4858**

**2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment**

**Action: Amend the MTIP to increase or adjust required funding and add new projects for the following projects**



<b>PROJECT #3 EXISTING MTIP PROGRAMMING</b>									
<b>ODOT Key</b>	<b>MTIP ID</b>	<b>Lead Agency</b>	<b>Project Name</b>					<b>Project Type</b>	<b>Project Cost</b>
19719	70846	ODOT	<b>OR212/224 Sunrise Corridor: 122nd Ave - 172nd Ave</b>					Highway	\$ 4,640,000
Project Description:			Funding for RW protective purchases						
<b>Existing MTIP Project Fund Programming by Phase - AS PROGRAMMED IN THW 2015 MTIP AND STIP BEFORE ROW OBLIGATION</b>									
Fund Code	Note	Type	Year	Planning	Preliminary Engineering	Right of Way	Construction	Other (ConOps & Svs Test)	Total
HB 2001	B4A0	State	2016			\$ 4,640,000			\$ 4,640,000
									\$ -
<b>Total:</b>			\$ -	\$ -	\$ 4,640,000	\$ -	\$ -	\$ 4,640,000	
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.								
	2. HB 2001 = State funds originating from approved House Bill 2001. Official name = HB2001B Bond Funds - JTA								

**Amendment Summary**

- The above reflects programming originally in the 2015 MTIP and 2015 STIP. The state HB2001 funds were obligated to the project (allowing expenditures to begin).
- The official correct amount for the ROW phase is \$4,640,000 and not \$4,650,000.
- The funds were obligated on 3/10/2016 (during early FFY 2016). The Expenditure Authority (EA) R1935000.
- Since the 2016 obligation date, not all obligated funds have been expended.
- The Oregon Transportation Commission during November 2017 approved a total of \$1,240,000 to be split from Key 19719 (this project) and then applied to two other projects (Keys 19720 and 19721 - also part of this amendment).
- Because the remaining funds left in Key 19719 (this project) are obligated, the project will not be shown as an active project in the 2018 MTIP.
- The adjustments are included as part of the Public Notification tables and to meet fiscal constraint requirements.
- The Proposed Amendment Changes table on the next page reflect the logic and reduction of splitting the \$1,240,000 from Key 19719 and re-allocating it to Keys 19720 and 19721.

**PROJECT #3 PROPOSED AMENDED CHANGES**

ODOT Key	MTIP ID	Lead Agency	Project Name				Project Type	Project Cost	
19719	70846	ODOT	OR212/224 Sunrise Corridor: 122nd Ave - 172nd Ave				Highway	\$ 3,400,000	
Project Description:		Funding for RW protective purchases							
Amended MTIP Fund Programming by Phase									
Fund Code	Note	Type	Year	Planning	Preliminary Engineering	Right of Way	Construction	Other	Total
HB 2001	B4A0	State	2016			\$ 20,000			\$ 20,000
State STBG-FLX	Z240	Federal	2016			\$ 3,032,874			\$ 3,032,874
State	Match	State	2016			\$ 347,126			\$ 347,126
<b>Total:</b>			\$ -	\$ -	\$ 3,400,000	\$ -	\$ -	\$ 3,400,000	
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment. 2. HB 2001 = State funds originating from approved House Bill 2001. Official name = HB2001B Bond Funds - JTA 3. State STBG-FLX = Federal Surface Transportation Block Grant Program funding allocated and managed by ODOT 4. Funding programmed in years before 2018 are considered prior obligated and will be shown in the prior obligated total for the project in the 2018 MTIP. They are shown above in their programming years in the shaded fields.								

**Amendment Summary**

\$1,240,000 of unexpended HB2001 funds are being split off from this project and will be applied to Keys 19720 and 19721. The remaining HB 2001 funds (except for \$20k) have been removed and replaced with federal Surface Transportation Block Grant funds. OTC approval during their November 2017 meeting.

Exhibit A to Resolution 18-4858

2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment

Action: Amend the MTIP to increase or adjust required funding and add new projects for the following projects



**PROJECT #4** EXISTING MTIP PROGRAMMING - None **New Project**

**PROJECT #4** PROPOSED AMENDED CHANGES

ODOT Key	MTIP ID	Lead Agency	Project Name	Project Type	Project Cost
19720	70845	ODOT	<b>OR224 (Milwaukie Expressway): SE Rusk Rd - I-205</b>	Highway	\$ 2,100,000
Project Description:			Add a westbound lane and improve the signals		

**Amended MTIP Fund Programming by Phase**

Fund Code	Note	Type	Year	Planning	Preliminary Engineering	Right of Wav	Other (PE Prior Obligated)	Construction	Total
HB 2001	B4A0	State	2016				\$ 1,770,000		\$ 1,770,000
<b>HB 2001</b>	<b>B4A0</b>	<b>State</b>	<b>2018</b>		\$ 330,000				\$ 330,000
<b>Total:</b>				\$ -	\$ 330,000	\$ -	\$ 1,770,000	\$ -	\$ 2,100,000

Notes: 1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.  
 2. HB 2001 = State funds originating from approved House Bill 2001. Official name = HB2001B Bond Funds - JTA

3. Funding programmed in years before 2018 are considered prior obligated and will be shown in the prior obligated total for the project in the 2018 MTIP. They are shown above in their programming years in the shaded fields.

**Amendment Summary**

\$330,000 of HB 2001 Bond Funds are being added to the PE phase in support of continue PE work activities. The \$330,000 originates from Key 19719. The funding has been split off of 19719 and combined into this project. OTC approval during November 2017.

Exhibit A to Resolution 18-4858

2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment

Action: Amend the MTIP to increase or adjust required funding and add new projects for the following projects



**PROJECT #5** EXISTING MTIP PROGRAMMING - None New Project

**PROJECT #5** PROPOSED AMENDED CHANGES

ODOT Key	MTIP ID	Lead Agency	Project Name	Project Type	Project Cost
19721	70844	ODOT	I-205: OR224 (Sunrise Expressway) - Sunnybrook Blvd	Highway	\$ 1,500,000

Project Description: Design to add a northbound auxiliary lane from westbound Sunrise Expressway entrance ramp to Sunnybrook Blvd exit ramp.

**Amended MTIP Fund Programming by Phase**

Fund Code	Note	Type	Year	Planning	Preliminary Engineering	Right of Way	Other (PE Prior Obligated)	Construction	Total
HB 2001	B4A0	State	2016				\$ 529,407		\$ 529,407
State	Match	State	2016				\$ 60,593		\$ 60,593
HB 2001	B4A0	State	2018		\$ 430,000				\$ 430,000
NHPP-FAST	Z001	Federal	2018		\$ 442,626				\$ 442,626
State	Match	State	2018		\$ 37,374				\$ 37,374
<b>Total:</b>				\$ -	\$ 910,000	\$ -	\$ 590,000	\$ -	\$ 1,500,000

Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.
	2. HB 2001 = State funds originating from approved House Bill 2001. Official name = HB2001B Bond Funds - JTA
	3. Funding programmed in years before 2018 are considered prior obligated and will be shown in the prior obligated total for the project in the 2018 MTIP. They are shown above in their programming years in the shaded fields.
	4. New HB2001 and swap with NHPP originate from splitting funds from Key 19719.
	5. NHPP-FAST = Federal National Highway Performance Program funds originating from the FAST Act and allocated to ODOT.
	6. State = Required generic state funds committed to the project in support of federal fund match requirements.

**Amendment Summary**

\$910,000 of HB 2001 and NHPP funding with match are being added to the PE phase in support of continue PE work activities. The \$910,000 originates from Key 19719. The funding has been split off of 19719 and combined into this project. OTC approval was required and occurred during their November 2017 meeting

**Exhibit A to Resolution 18-4858**

**2018-2021 Metropolitan Transportation Improvement Program Chapter 5 Tables Amendment**

**Action: Amend the MTIP to increase or adjust required funding and add new projects for the following projects**



<b>PROJECT #6 EXISTING MTIP PROGRAMMING</b>										
<b>ODOT Key</b>	<b>MTIP ID</b>	<b>Lead Agency</b>	<b>Project Name</b>				<b>Project Type</b>	<b>Project Cost</b>		
18769	70801	ODOT	<b>OR99E Rockfall Mitigation MP 12.62- MP 14.06</b>				Highway	\$ 1,889,000		
Project Description:		Rockfall Mitigation								
<b>Existing MTIP Project Fund Programming by Phase</b>										
Fund Code	Note	Type	Year	Planning	Preliminary Engineering	Right of Wav	Construction	Other	Total	
ADVCON	ACPO	Federal	2016		\$ 193,817				\$ 193,817	
State	Match	State	2016		\$ 22,183				\$ 22,183	
ADVCON	ACPO	Federal	2018				\$ 1,456,318		\$ 1,456,318	
State	Match	State	2018				\$ 166,682		\$ 166,682	
ADVCON	ACPO	Federal	2018					\$ 44,865	\$ 44,865	
State	Match	State	2018					\$ 5,135	\$ 5,135	
<b>Total:</b>					\$ -	\$ 216,000	\$ -	\$ 1,623,000	\$ 50,000	\$ 1,889,000
Notes:	1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.									
	2. Funding programmed in years before 2018 are considered prior obligated and will be shown in the prior obligated total for the project in the 2018 MTIP. They are shown above in their programming years in the shaded fields.									
	3. State STBG = Federal Surface Transportation Block Grant funding allocated directly to ODOT.									
	4. State = ODOT state funds added to the project phase as their required match to the federal fund type STBG									

**Amendment Summary**  
Proposed amended changes are stated on the next page

PROJECT #6 PROPOSED AMENDED CHANGES									
ODOT Key	MTIP ID	Lead Agency	Project Name				Project Type	Project Cost	
18769	70801	ODOT	<del>OR99E: Rockfall Mitigation MP 12.62—MP14.06</del> <b>OR99E:Rockfall - Oregon City Tunnel to Old Canemah Park</b>				Highway	\$ 1,889,000	
Project Description:			<del>Rockfall Mitigation</del> <b>On OR99E near Oregon City , inspect and repair mesh. Scale slope behind mesh removing loose rock and vegetation. Rock bolting as needed and clear catchment area / roadside ditch</b>						
Amended MTIP Fund Programming by Phase									
Fund Code	Note	Type	Year	Planning	Preliminary Engineering	Right of Wav	Construction	Other	Total
ADVCON	ACP0	Federal	2016		\$ 89,730				\$ 89,730
State	Match	State	2016		\$ 10,270				\$ 10,270
State STP	M240	Federal	2016		\$ 193,817				\$ 193,817
State	Match	State	2016		\$ 22,183				\$ 22,183
ADVCON	ACP0	Federal	2018				\$ 1,366,588		\$ 1,366,588
State	Match	State	2018				\$ 156,412		\$ 156,412
ADVCON	ACP0	Federal	2018					\$ 44,865	\$ 44,865
State	Match	State	2018					\$ 5,135	\$ 5,135
<b>Total:</b>				\$ -	\$ 316,000	\$ -	\$ 1,523,000	\$ 50,000	\$ 1,889,000
Notes:	<p>1. Red Font = Funding reductions made to the project phase. Blue font = Additions made to the project as part of the amendment.</p> <p>2. Funding programmed in years before 2018 are considered prior obligated and will be shown in the prior obligated total for the project in the 2018 MTIP. They are shown above in their programming years in the shaded fields.</p> <p>3. ADVCON = Advance Construction. A generic federal fund code used as a placeholder to identify future federal funds that will be committed to the project. Federal share = 89.73% with the required match set at 10.27%</p> <p>4. State = ODOT state funds added to the project phase as their required match to the federal fund type ADVCON.</p>								

**Amendment Summary**

Project name and description changed to reflect updated scope and new limits. PE phase reduces use of Advance Construction and inserts State STP in it's place to address funding shortfall in PE. Construction phase decreased as a result of the smaller project limits. Overall, the total project cost remains unchanged.

# Memo

Date: Thursday, January 18, 2018  
 To: Council and Interested Parties  
 From: Ken Lobeck, Funding Programs Lead, 503-797-1785  
 Subject: December 2017 MTIP Formal Amendment plus Approval Request of Resolution 18-4858

## STAFF REPORT

FOR THE PURPOSE OF ADDING OR AMENDING EXISTING PROJECTS TO THE 2018-21 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM INVOLVING SIX PROJECTS REQUIRING PROGRAMMING ADDITIONS, CORRECTIONS, OR CANCELLATIONS IMPACTING GRESHAM, KING CITY, AND ODOT (DE18-05-DEC)

## BACKGROUND

### What this is:

The December 2017 Formal MTIP Amendment bundle contains required changes and updates impacting Gresham, King City, and ODOT. Six projects are included in the amendment bundle and are summarized in the below table:

2018-2021 Metropolitan Transportation Improvement Program Exhibit A to Resolution 18-4858			
Proposed December 2017 Formal Amendment Bundle Amendment Type: <b>FORMAL, DE18-05-DEC</b> Total Number of Projects: 6			
ODOT Key	Lead Agency	Project Name	Required Changes
#1 18306	Gresham	East Metro Connections ITS	Add \$570,000 of agency local funds to the construction phase to address a revised construction phase cost increase.
#2 18807	King City	<del>OR99EW: SW Beef Bend Rd – SW Durham Rd (King City)</del> OR99W: SW Royalty Parkway - SW Durham Rd (King City)	Changing name, reducing scope to include only one sidewalk infill, reduce ROW funding, reduce the construction phase funding (from the reduced scope), and moving the savings back to PE
#3 19719	ODOT	OR212/224 Sunrise Corridor: 122nde Ave - 172nd Ave	Splitting unexpended funding from this project from the 2015 MTIP and STIP project to two projects being re-added to the 2018 MTIP and STIP with the following changes: Splitting existing unexpended funding with \$330k committed to Key 19720 and \$910k committed to Key 19721. Reduced obligated funding in Key 19719 decreases key 19719 to \$3,400,000. Key 19719 remains as a prior obligated project and will not show up as a active project
#4 19720 New	ODOT	OR224 (Milwaukie Expressway): SE Rusk Rd - I-205	Re-adding project to the 2018 MTIP enabling PE phase to be increased
#5 19721 New	ODOT	I-205: OR224 (Sunrise Expressway) - Sunnybrook Blvd	Splitting \$990k from Key 19719 and adding it to Key 19721 for additional PE phase requirements
#6 18769	ODOT	<del>OR99E: Rockfall Mitigation MP 12.62 – MP14.06</del> OR99E: Rockfall - Oregon City Tunnel to Old Canemah Park	Changing project limits greater than 0.25 miles total and adjusting project name and description per updated scope

**What is the requested action?**

Staff is providing TPAC notification of the formal amendment and requesting their approval recommendation to JPACT for resolution 18-4858 to Metro Council enabling the six identified projects to be amended correctly into the 2018 MTIP, and then allowing final approval to occur from USDOT.

A detailed summary of the six projects being amended is provided in the below tables:

<b>1. Project: East Metro Connections ITS</b>	
Lead Agency:	Gresham
ODOT Key Number:	18306
MTIP ID Number:	70609
Project Description:	Update traffic signal hardware and communications. Install changeable message sign. Note: Through the Public Comment/Notification period, Metro received a technical comment from the city of Gresham requesting a change to the proposed project programming as presented to the TPAC due to a second identified cost increase to the project. The second cost increase to the project has been requested to be included as part of the overall formal amendment.
What is changing?	Updated cost estimates as final design for the project was being completed revealed increases to the construction phase, required increases to be included for necessary administrative overhead, and project contingencies. The summary of the cost increases can be attributed a project moving from general scope and design objectives that was refined through the normal federal NEPA and final design process. The impact of the construction, overhead, and contingency cost increases to the project adds an additional \$610,000 to the total project cost. The revised total project cost is now \$1,685,000. Note: The cost increase for this Intelligent Transportation System project is not unusual for ITS projects. Due to changing technology and the requirement to prove their concept of operation as a beneficial improvement to the transportation system, ITS projects can easily evolve into much more complicated, technically constrained, and costly projects than first proposed.  The city of Gresham has the local funding to cover the cost increase and commit to the project. Rather than waiting to accomplish another cost increase amendment to the project, the city of Gresham requested the revised cost increase to be included as part the current formal amendment to avoid further delays to implement the project. As part of the public comment process, staff have reviewed and approved Gresham's request.
Additional Details:	The city of Gresham is adding local funds to the construction and Other phases to address the cost increase and ensure the construction phase is not considered short-programmed.
Why a Formal amendment is required?	Per the FHWA STIP and MTIP amendment matrix, Projects with a total project cost of \$1 million or greater that experience a cost increase above 20% require a formal MTIP amendment to complete the cost increase for the project.
Total Programmed Amount:	The amendment adds a total of \$570,000 to the construction phase. The project programming amount increases from \$1,075,000 to \$1,685,000
Added Notes:	The additional local funds committed to the project will ensure the project can implement and delivery the full project scope without requiring any changes.

<b>2. Project: <del>OR99W: SW Beef Bend Rd - SW Durham Rd</del> OR99W: SW Royalty Parkway - SW Durham Rd (King City)</b>	
Lead Agency:	King City
ODOT Key Number:	18807
MTIP ID Number:	70769
Project Description:	<del>Install sidewalk on the west side of OR99W</del> <b>On OR99W near King City, fill sidewalk gaps to connect the City to OR99W corridor to increase access to transportation, improve travel options, promote vitality within the town center and enhance overall livability.</b>



What is changing?	Due to a revision in the project limits, the project scope is being modified. This results in a required updated to the project name and description. Project funding remains unchanged. Scope reduction now only includes sidewalk infill between SW Royalty Pkwy and SW Durham Rd (MP 11.21 to MP11.36). Additional funds were not available to address the cost increase resulting in the revised limits and scope of work.
Additional Details:	As a result of the scope adjustment, the Right of Way phase also decreases from \$30,000 to \$12,000
Why a Formal amendment is required?	Per the FHWA STIP and MTIP amendment matrix, major scope changes or project limit changes beyond 0.25 miles require a formal amendment to complete the changes.
Total Programmed Amount:	The amendment swaps out several funds with State STP funds. Overall, the project programming amount remains unchanged at \$1,141,020
Added Notes:	

Changes being made to Key 19719 impact Keys 19720 and 19721 that are also part of this amendment

<b>3. Project: OR212/224 Sunrise Corridor: 122nd Ave - 172nd Ave</b>	
Lead Agency:	ODOT
ODOT Key Number:	19719 MTIP ID Number: 70846
Project Description:	Funding for RW protective purchases
What is changing?	Unexpended obligated Right of Way phase funding that is not currently required for this project is being de-obligated and shifted to Keys 19720 and 19721 (next two projects). The de-obligated funding is being reprogrammed to the PE phases of project Keys 19720 and 19721. A total of \$1,240,000 is being shifted from Key 19719 to Key 19720 (which adds \$330,000 to the PE phase) and to Key 19721 (which adds \$910,000 to the PE phase)
Additional Details:	Because the ROW phase obligation occurred in 2016, the project was not carried over into the 2018 MTIP. However, the changes to Keys 19720 and 19721 needs to include this project to show the audit trail of how the funds were shifted. Key 19719 (this project) will remain as a prior obligated project and not show up in the 2018 MTIP as an active project.
Why a Formal amendment is required?	Because Keys 19720 and 19721 are being re-added to the MTIP, they are considered to be new projects. Per the FHWA STIP and MTIP amendment matrix, new projects being added to the MTIP require a formal amendment. Since Key 19719 is part of the re-add process, it must proceed as well as a formal amendment.
Total Programmed Amount:	The amendment reduces the total programmed amount from \$4,640,000 to \$3,400,000
Added Notes:	De-obligation and transfer approval from Key 19719 to Keys 19720 and 19721 occurred by OTC at their November 2017 meeting

<b>4. Project: OR224 (Milwaukie Expressway): SE Rusk Rd - I-205</b>	
Lead Agency:	ODOT
ODOT Key Number:	19720 MTIP ID Number: 70845
Project Description:	Add a westbound lane and improve the signals
What is changing?	The project receives an additional \$330,000 from Key 19719 to continue PE activities. The PE phase was initially programmed with \$1,770,000 of HB 2001 JTA state funds which were obligated back in 2016. They are shown in the Other phase in Exhibit A/Public Notification Tables. The additional \$330,000 is shown in 2018 in the year it will be obligated in support of the project.
Additional Details:	Funding is being added only to the PE phase to continue with PE phase work
Why a Formal amendment is required?	Since the project obligated the phase as part of the 2015 MTIP and no new funds were identified for the project, it was not carried over into the 2018 MTIP. With the addition of the new PE funds in FY 2018, the project needs to be re-added to the 2018 MTIP. Per the FHWA Amendment Matrix, adding a new project to the MTIP

	requires a formal amendment
Total Programmed Amount:	The amendment increase the total programmed amount from \$1,770,000 to \$2,100,000
Added Notes:	De-obligation and transfer approval from Key 19719 to Key 19720 occurred by OTC at their November 2017 meeting

<b>5. Project: I-205: OR224 (Sunrise Expressway) – Sunnybrook Blvd</b>	
Lead Agency:	ODOT
ODOT Key Number:	19721
MTIP ID Number:	70844
Project Description:	Design to add a northbound auxiliary lane from westbound Sunrise Expressway entrance ramp to Sunnybrook Blvd exit ramp.
What is changing?	The project receives an additional \$910,000 from Key 19719 to continue PE activities. The PE phase was initially programmed with \$590,00 of HB 2001 JTA state funds which were obligated back in 2016. They are shown in the Other phase in Exhibit A/Public Notification Tables. The additional \$910,000 is shown in 2018 in the year it will be obligated in support of the project. The new funding is split between HB 2001 funds and National Highway Performance Program Funds (NHPP)
Additional Details:	Funding is being added only to the PE phase to continue with PE phase work
Why a Formal amendment is required?	Since the project obligated the phase as part of the 2015 MTIP and no new funds were identified for the project, it was not carried over into the 2018 MTIP. With the addition of the new PE funds in FY 2018, the project needs to be re-added to the 2018 MTIP. Per the FHWA Amendment Matrix, adding a new project to the MTIP requires a formal amendment
Total Programmed Amount:	The amendment increases the total programmed amount from \$590,000 to \$1,500,000
Added Notes:	De-obligation and transfer approval from Key 19719 to Key19721 occurred by OTC at their November 2017 meeting

<b>6. Project: <del>OR99E Rockfall Mitigation MP 12.62- MP 14.06</del> OR99E:Rockfall - Oregon City Tunnel to Old Canemah Park</b>	
Lead Agency:	ODOT
ODOT Key Number:	18769
MTIP ID Number:	70801
Project Description:	<del>Rockfall Mitigation</del> <b>On OR99E near Oregon City, inspect and repair mesh. Scale slope behind mesh removing loose rock and vegetation. Rock bolting as needed and clear catchment area/roadside ditch</b>
What is changing?	Project limits have been reduced and adjusted due to scope update. This results in a required name change and description update. The total project cost remains unchanged but STP is now committed to the PE phase to address a PE funding shortfall.
Additional Details:	The change in limits and scope reduces the construction phase cost. The savings are being shifted back to the PE phase to cover the PE phase shortfall
Why a Formal amendment is required?	Since the project obligated the phase as part of the 2015 MTIP and no new funds were identified for the project, it was not carried over into the 2018 MTIP. With the addition of the new PE funds in FY 2018, the project needs to be re-added to the 2018 MTIP. Per the FHWA Amendment Matrix, adding a new project to the MTIP requires a formal amendment
Total Programmed Amount:	The amendment results in no change to the programmed amount for the project. The project remains programmed at \$1,889,000.
Added Notes:	

**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 and is considered a transportation project
  - Identified as a regionally significant project.
  - Identified on and impacts Metro transportation modeling networks.
  - Requires any sort of federal approvals which the MTIP is involved.
- 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 the 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 project – 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:
  - Does not violate supplemental directive guidance from FHWA/FTA’s approved Amendment Matrix.
  - Adheres to conditions and limitation for completing technical corrections, administrative modifications, or formal amendments in the MTIP.
  - Is eligible for special programming exceptions periodically negotiated with USDOT as well.
  - Programming determined to be reasonable of phase obligation timing and is consistent with project delivery schedule timing.
- MPO responsibilities completion:
  - Completion of the required 30 day Public Notification period:
  - Project monitoring, fund obligations, and expenditure of allocated funds in a timely fashion.
  - 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 December 2017 Formal MTIP amendment will include the following:

- | <u>Action</u>   | <u>Target Date</u>      |
|---|-------------------------|
| • Initiate the required 30-day public notification process..... | December 11, 2017       |
| • TPAC notification and approval recommendation.....            | December 15, 2017       |
| • Completion of public notification process.....                | January 12, 2018        |
| • <b>JPACT approval and recommendation to Council.....</b>      | <b>January 18, 2018</b> |
| • Metro Council approval.....                                   | January 25, 2018*       |

Note: The proposed Council approval date could change

USDOT Approval Steps:

<u>Action</u>	<u>Target Date</u>
• Metro development of amendment narrative package .....	NLT January 19 , 2018
• Amendment bundle submission to ODOT for review.....	NLT January 22, 2018
• Submission of the final amendment package to USDOT.....	NLT January 29, 2018
• ODOT clarification and approval.....	Mid February , 2018
• USDOT clarification and final amendment approval.....	Late February 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:**

JPACT recommends the approval of Resolution 18-4858.

*(TPAC approval: December 15, 2017)*

*(JPACT approval: January 18, 2018)*

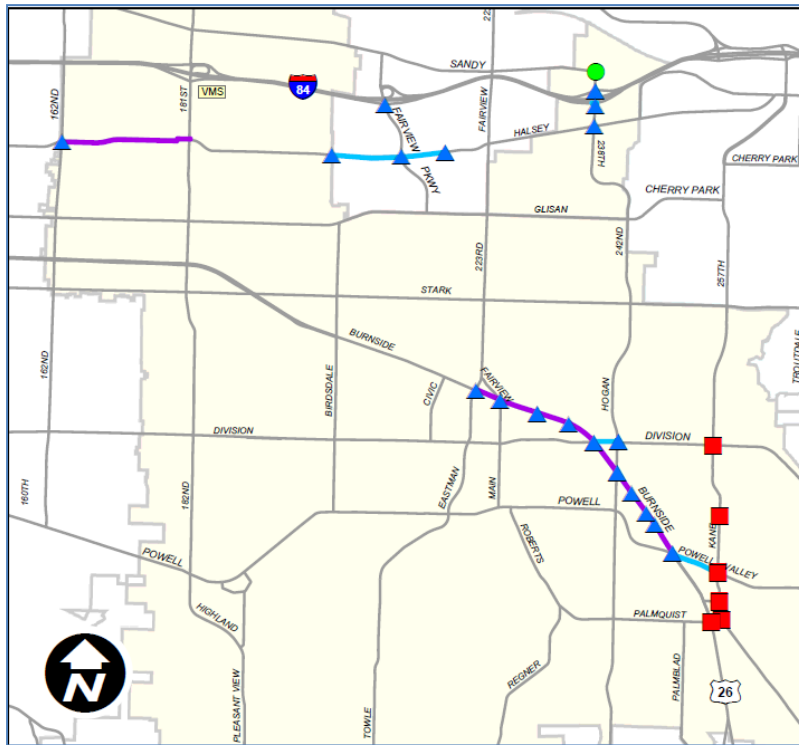
Attachment: Project Location Maps

Date: Thursday, January 18, 2018  
 From: Ken Lobeck, Funding Programs Lead, 503-797-1785  
 Subject: Attachment 1 to December 2017 MTIP Formal Amendment Staff Report – Project Location Maps

**BACKGROUND**

Available project location maps are included in this attachment to the staff report for projects included.

**Key 18306**  
 East Metro Connections ITS, City of Gresham



- LEGEND**
- HARDWARE UPGRADES**
- CONTROLLER AND COMMUNICATIONS UPGRADE
  - ▲ COMMUNICATIONS UPGRADE ONLY
  - SCATS EXPANSION
- Signal Communication Cable Install**
- 96 Strand Fiber Optic
  - 12 Strand Fiber Optic
- Variable Message Sign**
- VMS Arterial VMS

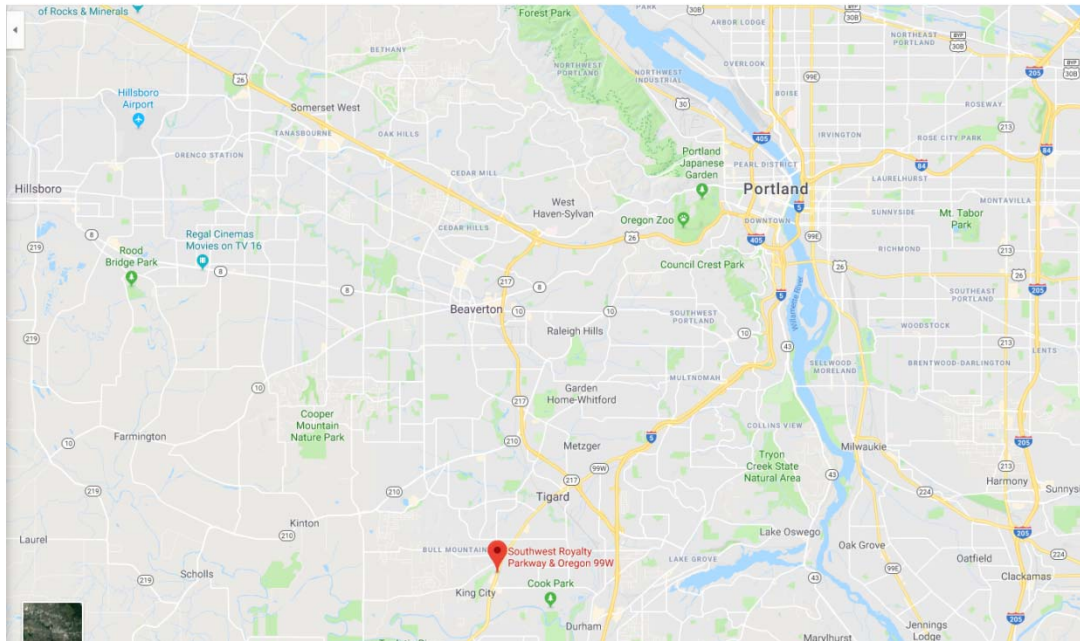
Key 18807  
OR99W: SW Royalty Parkway - SE Durham Rd (King City)



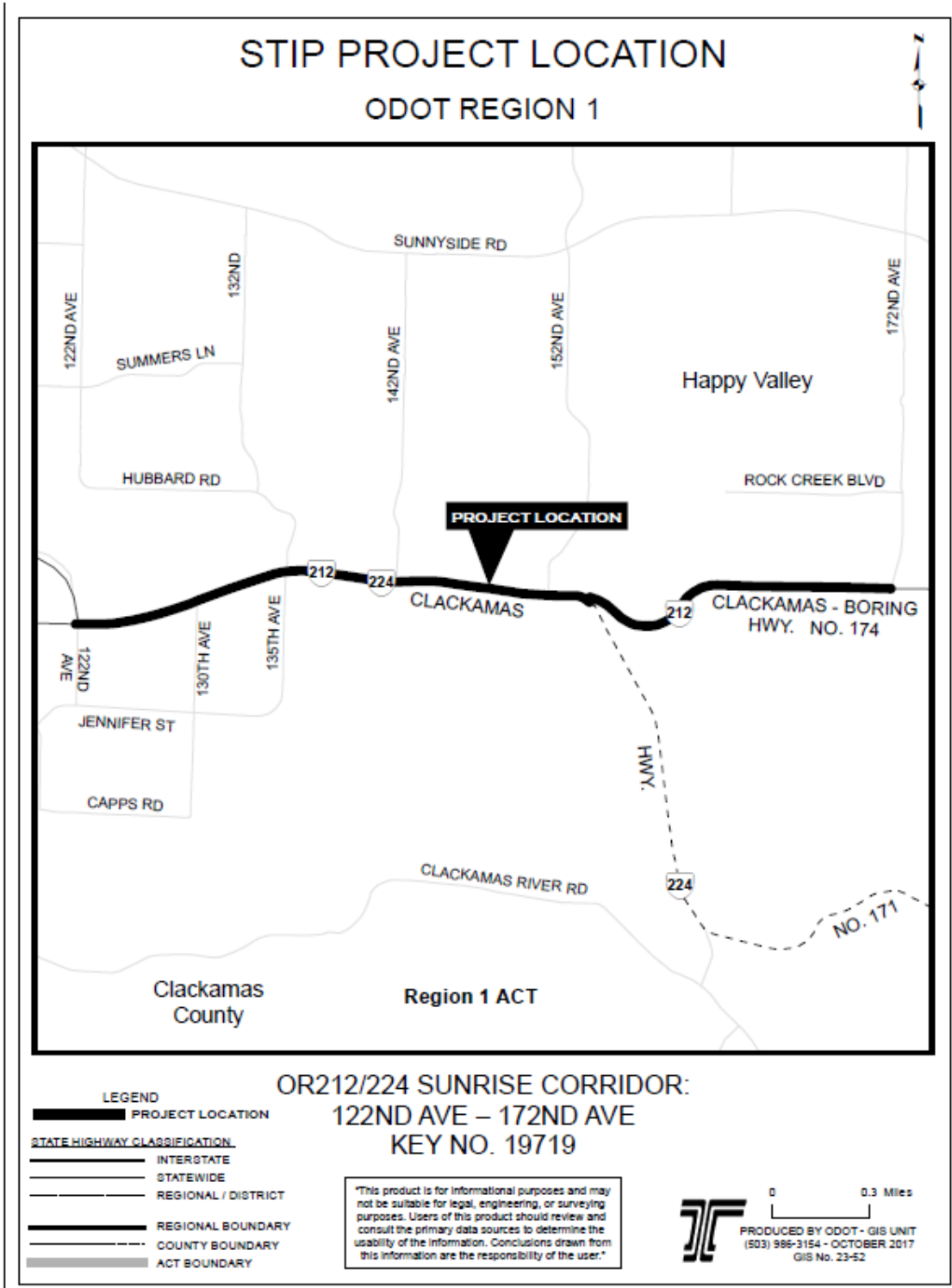
**K18807: SW Royalty Pkwy - SW Durham Rd**

SW Royalty Pkwy, MP 11.22

SW Durham Rd, MP 11.38

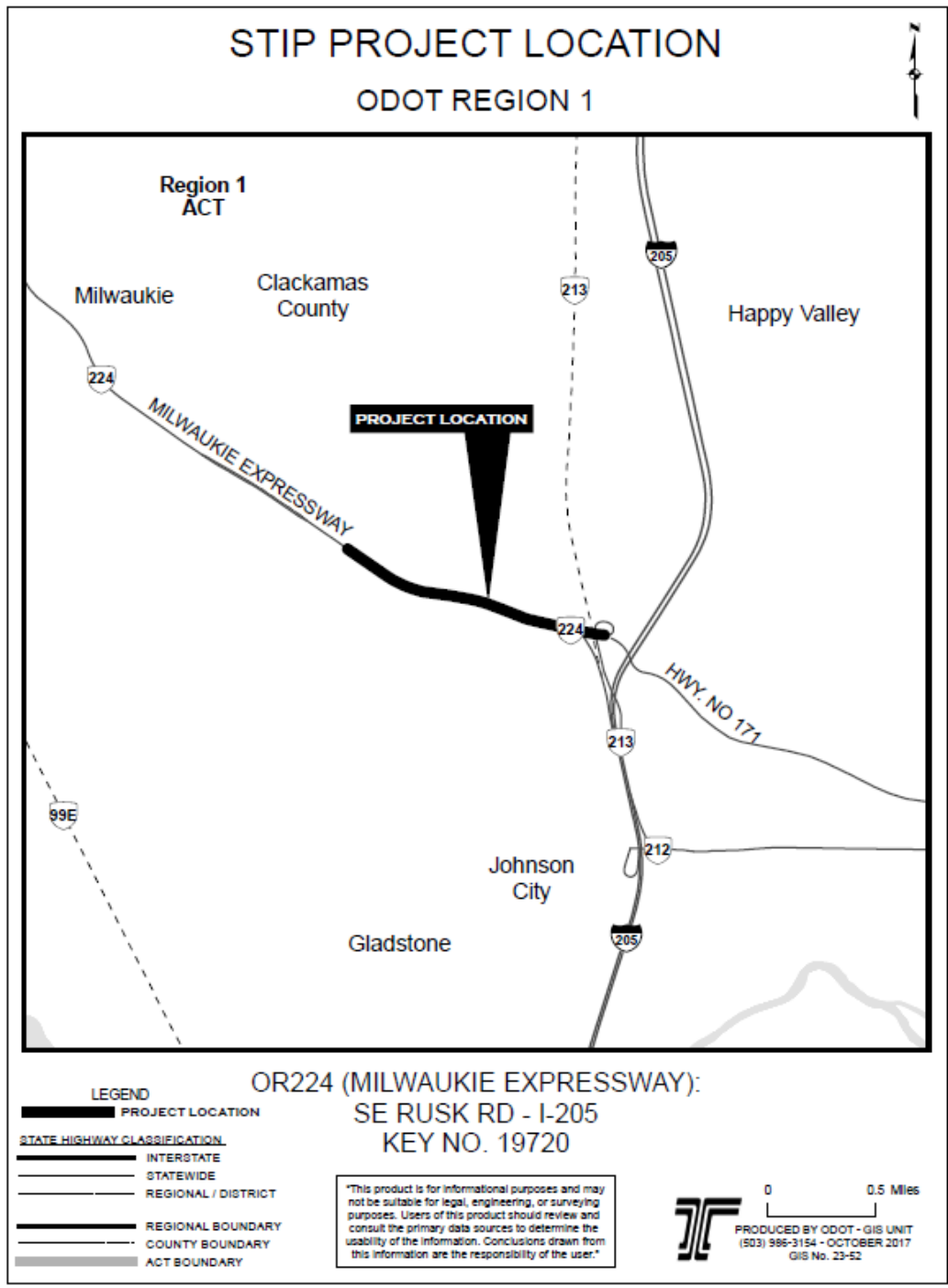


**Key 19719**  
 OR212/224 Sunrise Corridor: 122<sup>nd</sup> – 172<sup>nd</sup> Ave, ODOT  
 (Corrected map now inserted)



**Key 19720**

OR224 (Milwaukie Expressway): SE Rusk Rd - I-205, ODOT

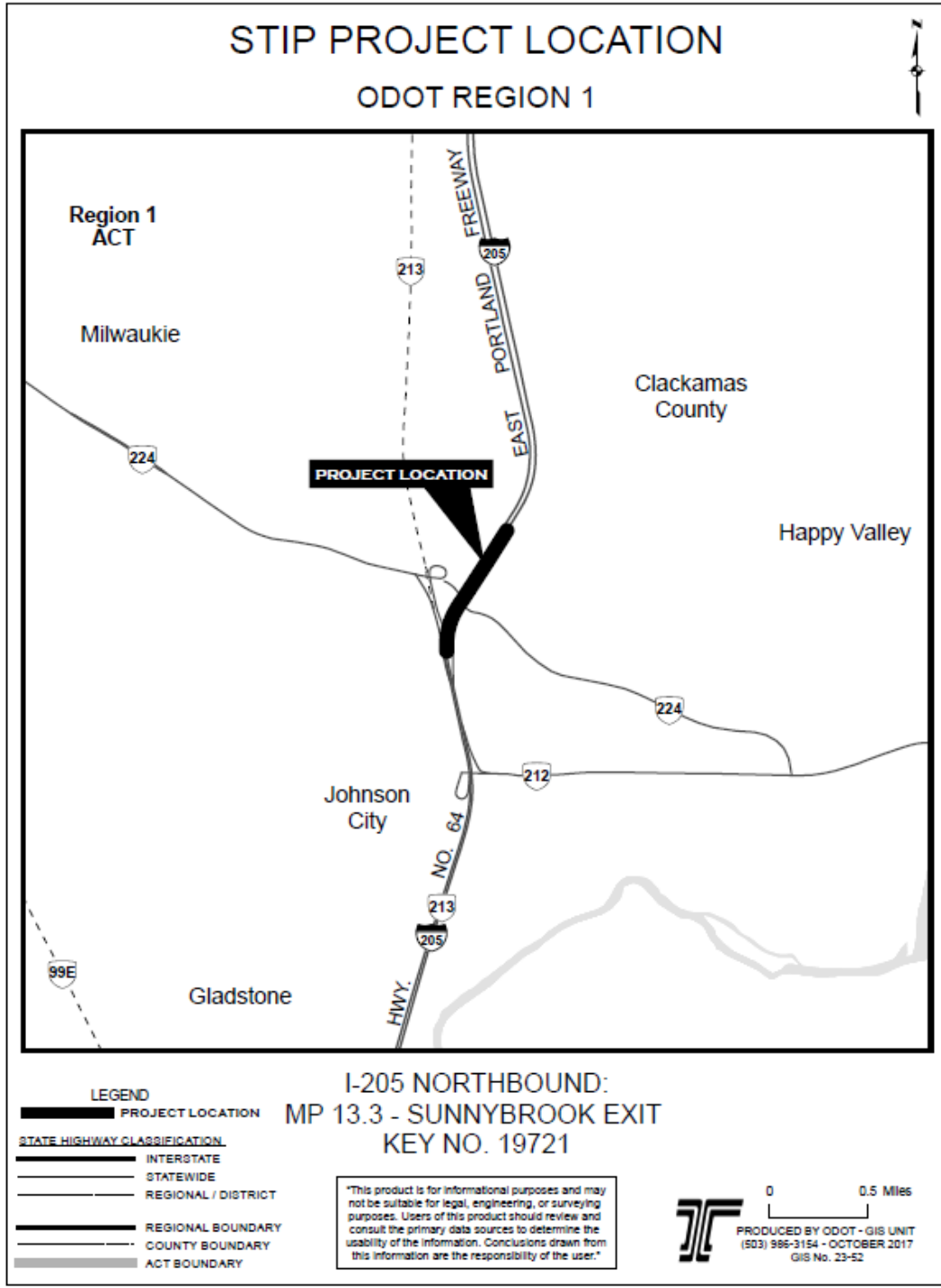


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**Key 19721**

I-205: OR224 (Sunrise Expressway) - Sunnybrook Blvd



**Key 18769**

OR99E: Rockfall - Oregon City Tunnel to Old Canemah Park, ODOT

