

Memo



Metro

600 NE Grand Ave.
Portland, OR 97232-2736

Date: December 23, 2021

To: Adriana Antelo
ODOT Region 1 Interim STIP Coordinator
123 NW Flanders St
Portland, OR 97201

From: Ken Lobeck, Funding Programs Lead, 971-985-6156 (cell)

Subject: December #2 FY 2021 (FFY 2022) Administrative Modification Bundle #2 AM22-08-DEC2 Approval Request to the 2021-26 MTIP

Dear Adriana:

In accordance with 23 CFR 450.328, Metro is submitting a Metro approved administrative modification bundle for ODOT review and approval for STIP inclusion. The December #2 FY 2021 Administrative Modification, Bundle #2 to the 2021-26 MTIP is under Metro amendment number AM22-08-DEC2. The December #2 2021 Admin Mod Bundle #2 bundle contains a total of three projects and are summarized below:

Key	Lead Agency	Name	Change
20335	ODOT	Central Systemic Signals and Illumination (ODOT)	Cost Increase: Minor cost increase of 3.6% to the construction phase
20376	ODOT	West Systemic Signals and Illumination (ODOT)	Description updates
18794	ODOT	OR8: SW 192 Ave - SW 110th Ave	Cost Increase: Added funding is committed to PE, ROW, and Construction phases.

Admin Mod Notes:

1. For Key 20335, the construction phase federal fund share is stated at 92.22%. ODOT included state funds above the minimum amount along with local overmatching funds. The minimum match is stated at 7.78% with the rest of the ODOT State funds shown as overmatch to ensure the construction totals correctly with the TSIP Summary Report.
2. Key 20376: The construction phase match is comprised of both state and local funds. This will show up in the MTIP combined as match while the MTIP acknowledges the two fund types. The totals remain correct.
3. Key 18794: The PE, ROW, and Cons phases require added funds which together result in a 25% cost increase to the project. There is no scope change and as a result the 20% threshold for this cost increase is waived.

I certify Metro has completed all required review and approval steps as the MPO and IAW with 23 CFR 450.328 for the 2021-24 MTIP for this administrative modification bundle. Please direct any comments or questions concerning this amendment to Ken Lobeck, Funding Programs Lead at ken.lobeck@oregonmetro.gov.

Thank you for your time to review Metro's December #2 2021 MTIP Administrative Modification.

Kenneth F Lobeck

Kenneth F. Lobeck
Funding Programs Lead
Metro
600 NE Grand Avenue
Portland, OR 97232

Metro AM22-08-DEC2 December #2 FFY 2022 Administrative Modification Bundle #2

Key Number	20335	MTIP ID	70950
Name:	Central Systemic Signals and Illumination (ODOT)		
Lead Agency:	ODOT		
Changes:	Minor cost increase to construction phase to complete PS&E based on final locations and planned improvements		
Notes:			
AM Eligible:	Cost increase is 3.6% and less than the 20% threshold		



Metro
2021-24 Metropolitan Transportation Improvement Program (MTIP)
PROJECT ADMINISTRATIVE MODIFICATION DETAIL WORKSHEET

Administrative Modification
COST INCREASE
 Increase Cons by \$181k to complete
 PS&E

Lead Agency:	ODOT		Project Type:	Operations		ODOT Key:	20335
Project Name:	1		ODOT Type	Safety		MTIP ID:	70950
Central Systemic Signals and Illumination (ODOT)			Capacity Enhancing:	No		Status:	5
			Conformity Exempt:	Yes		Comp Date	9/30/2024
Project Status: 5 = (RW) Right-of Way activities initiated including R/W acquisition and/or utilities relocation.			Performance Meas:	Safety		RTP ID:	12095
			On State Hwy Sys:	Various		RFFA ID:	N/A
			Mile Post Begin:	N/A		RFFA Cycle:	N/A
			Mile Post End:	N/A		UPWP:	No
			Length:	N/A		UPWP Cycle:	N/A
			1st Year Program'd:	2018		Past Amend:	7
			Years Active:	4		OTC Approval:	No
Short Description: Illumination; intersection work; bike and pedestrian improvements; ADA upgrades; signal work; signs; warnings; striping; medians; utility relocation; and other safety improvements at various locations. (PGB-ARTS)			STIP Amend#: 21-24-1582			MTIP Amend#: AB22-08-DEC2	
Detailed Description: Performance Measurement project site locations from the PGB. Approved project safety scope elements include the installation of reflectorized back-plates and supplemental signal heads, increase stop sign size, properly place stop bar, illumination poles, removal of trees, etc. at 7 site locations: (1) #49 at I-205 MP 17.21 to MP 17.91, (2) #51 at OR99E MP 2.33 to MP 5.93, (3) #58 at US30BY MP 9.20 to MP 14.52,(4) #134H at US26)Powell) at SE 71st Ave, (5) 21H at US 26 (Powell) at SE 39th Ave, (6) #44H at US30BY (Lombard) at N Interstate Ave, and (7) #97H at US30BY (Lombard) at OR99E (MLK)							
STIP Description: Improvements at various intersections in the City of Portland including signals, lighting, signing and traffic median upgrades to improve safety.							

LAST Amendment or Admin Mod: .ADMINISTRATIVE - COMBINE PROJECT: August 2021 - AB21-21-AUG1 - Combine the construction phase from Key 20334 into Key 20335

PROJECT FUNDING DETAILS

Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other	Construction	Total
Federal Funds								
HSIP	ZS30 ZS3E	2018		\$ 1,301,660				\$ 1,301,660
HSIP	ZS3E	2021			\$ 59,580			\$ 59,580
AC-HSIP (92.22%)	ACP0	2022					\$ 3,308,624	\$ -
AC-HSIP (92.22%)	ACP0	2022					\$ 3,336,446	\$ 3,336,446
Note: PEHSIP combined together in MTIP with remaining above match as overmatch.. Cons AC-HSIP is 90% federal							Federal Totals:	\$ 4,697,686
Fund Obligations Amount:				\$ 1,301,660	\$ 59,580			Federal Aid ID
EA Number:				PE002973	R9658000	C4261109		SA00(186)
Initial Obligation Date:				7/27/2018	10/16/2020	4/15/2021		
Known Expenditures:				N/A	N/A	N/A		
EA End Date:				N/A	N/A	N/A		

State Funds														
State (HSIP)	Match	2018		\$	109,813			\$	109,813					
State (HSIP)	Match	2021				\$	6,620		\$	6,620				
State	S010	2021					\$	37,320		\$	37,320			
State (AC)	Match	2022							\$	217,059				
State (AC)	Match	2022							\$	281,474	\$	281,474		
Other	OTH0	2022							\$	89,242	\$	89,242		
									State Total:	\$	524,469			
Local Funds														
Other	OTH0	2022		\$	34,816				\$	34,816				
Local	Match	2022						\$	62,068	\$	-			
Other	OTH0	2022							\$	65,263	\$	65,263		
									Local Total	\$	65,263			
Phase Totals Before Amend:			\$	-	\$	1,446,289	\$	66,200	\$	37,320	\$	3,587,751	\$	5,137,560
Phase Totals After Amend:			\$	-	\$	1,446,289	\$	66,200	\$	37,320	\$	3,772,425	\$	5,322,234
Phase Change Amount:			\$	-	\$	-	\$	-	\$	-	\$	184,674	\$	184,674
Phase Change Percent:				0.0%		0.0%		0.0%		0.0%		5.1%		3.6%
										Year Of Expenditure (YOE):			\$	5,322,234

Notes and Changes

> Exempt Status: The project is exempt from air quality and transportation demand modeling analysis per 40 CFR 93.126, Table 2 - .Highway Safety Improvement Program Implementation

Reason for Modification and Summary of Changes plus Impacts:

The Administrative Modification adds \$181k of funds to the construction phase as a final cost adjustment to complete PS&E and move on to Construction. The cost increase is 3.6% and is considered minor.

References and Additional Notes:

- > Why are the changes eligible under an Admin Mod? - Split/Combining actions where no scope change or new costs emerged are allowed as administrative modifications.
- > 2018 RTP ID: 12095 - Safety & Operations Projects
- > RTP Description: Projects to improve safety or operational efficiencies such as pedestrian crossings of arterial roads, railroad crossing repairs, slide and rock fall protections, illumination, signals and signal operations systems, that do not add motor vehicle capacity.
- > Does the project require air conformity and/or transportation demand modeling? No. The project is exempt as noted above under Exempt Status
- > Is the project located on the Metro Modeling Network? Yes. The planned improvements are located on several major throughways and arterials in the Motor Vehicle network
- > Facility Model Type: Various
- > Located on a NHS facility? Yes - Various designations due to the multiple locations
- > TCM Project? No
- > On CMP? Yes
- > Will Performance Measurements Apply: Yes, Safety
- > RTP Goal(s): Goal 5 Safety and Security
- > RTP Goal Description: Objective 5.1 -Transportation Safety – Eliminate fatal and severe injury crashes for all modes of travel.
- > ODOT Local Agency Liaison: N/A
- > Project Manager: N/A
- > Added Remarks: N/A

Fund Codes											
Phase	Fund Code	Description	ICA P	Percent of Phase	Total Amount	Federal Percent	Federal Amount	State Percent	State Amount	Local Percent	Local Amount
PE	ZS30	HIGHWAY SAFETY IMP PROG FAST	Y	63.63%	920,253.13	90.00%	828,227.82	10.00%	92,025.31	0.00%	0.00
	ZS3E	Highway Safety Improvement Program Fast Act Extension	Y	36.37%	526,035.87	90.00%	473,432.28	10.00%	52,603.59	0.00%	0.00
	PE Totals			100.00%	1,446,289.00		1,301,660.10		144,628.90		0.00
RW	ZS3E	Highway Safety Improvement Program Fast Act Extension	Y	100.00%	66,200.00	90.00%	59,580.00	10.00%	6,620.00	0.00%	0.00
	RW Totals			100.00%	66,200.00		59,580.00		6,620.00		0.00
CN	ACPO	ADVANCE CONSTRUCT PR		100.00%	3,772,425.00	92.22%	3,336,445.84	6.05%	370,716.21	1.73%	65,262.95
	CN Totals			100.00%	3,772,425.00		3,336,445.84		370,716.21		65,262.95
OT	S010	STATE		100.00%	37,320.00	0.00%	0.00	100.00%	37,320.00	0.00%	0.00
	OT Totals			100.00%	37,320.00		0.00		37,320.00		0.00
Grand Totals					5,322,234.00		4,697,685.94		559,285.11		65,262.95

Metro AM22-08-DEC2 December #2 FFY 2022 Administrative Modification Bundle #2

Key Number	20376	MTIP ID	70958
Name:	West Systemic Signals and Illumination (ODOT)		
Lead Agency:	ODOT		
Changes:	Update project descriptions to complete PS&E		
Notes:	Description changes are minor. No scope or cost changes result		
AM Eligible:	Minor technical change		



Metro
2021-24 Metropolitan Transportation Improvement Program (MTIP)
PROJECT ADMINISTRATIVE MODIFICATION DETAIL WORKSHEET

**Administrative Modification
DESCRIPTION UPDATE**
Modify descriptions to reflect
updates to the project

Lead Agency:	ODOT		Project Type:	Safety	ODOT Key:	20376
Project Name:	2		ODOT Type	Safety	MTIP ID:	70958
West Systemic Signals and Illumination (ODOT)			Capacity Enhancing:	No	Status:	4
			Conformity Exempt:	Yes	Comp Date	9/30/2025
Project Status: 4 = (PS&E) Planning Specifications, & Estimates (final design 30%, 60%, 90% design activities initiated).			Performance Meas:	Yes	RTP ID:	12095
			On State Hwy Sys:	Various	RFFA ID:	N/A
Short Description: Illumination, intersection work, bike and pedestrian improvements, ADA upgrades, signal work, signs, warnings, striping, medians, utility relocation, and other safety improvements at various locations (PGB ARTS)			Mile Post Begin:	Various	RFFA Cycle:	N/A
Improvements at various intersections in Washington, Multnomah, and Clackamas counties including signals, lighting, signing and traffic median upgrades to improve safety (PGB ARTS)			Mile Post End:	Various	UPWP:	No
			Length:	Multiple	UPWP Cycle:	N/A
			1st Year Program'd:	2018	Past Amend:	7
			Years Active:	5	OTC Approval:	No
			STIP Amend#: 21-24-1585		MTIP Amend#:	AM22-08-DEC2
Detailed Description: Performance Measurement project site locations from the PGB. Detailed description is now: 15 PM Locations: (1) #40: I-5: MP 283.46 to MP 302.82, (2) #41: OR-43 (Macadam): MP 1.23 to MP 11.66, (3) #43: OR8 (TV Hwy): MP 0.30 to MP 11.72, (4) #44: OR8 Hwy 029 from 3rd Ave to Quince, (5) #45: OR 10 Hwy 040 MP 0.97 - 3.18, (6) #47: US 26 Hwy 047 MP 68.34 -MP 74.05, (7), #48: US 26 Hwy 047 MP 62.39 - MP 67.73, (8), #55: OR 99W Hwy 091 MP 7.58 - MP 15.00, (8) #56: OR 99W Hwy 091 MP 4.08 - MP 7.55, (9) #57: US 30 HWY 092 MP 1.35 to - 13.20, (10) #60: OR141 (Hall) Scholls Ferry Rd to Upper Boones Ferry Rd, (11) #61: OR217 Hwy 144 from Walker to Bangy, (12) #73: Region 1 Signal Hardware & Intersection Warning, (13) #162H: TV Highway at Minter Bridge/Cypress, (14) #28H: WB Sunset Hwy exit ramp (US26) @ NW 185th Ave Project						
STIP Description: Improvements at various intersections in the City of Portland including signals, lighting, signing and traffic median upgrades to improve safety.						

LAST Amendment or Admin Mod: .Administrative - AB21-21-AUG1- August 2021 - COMBINE PROJECTS: The Administrative Modification combines the construction phase from Key 20374 into Key 20376 for delivery efficiencies.

PROJECT FUNDING DETAILS								
Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
Federal Funds								
AC-HSIP	ACPO	2019		\$ 1,516,419				\$ 1,516,419
AC-HSIP	ACPO	2021			\$ 56,808			\$ 56,808
AC-HSIP	ACPO	2022					\$ 5,779,273	\$ 5,779,273
								\$ -
Note:							Federal Totals:	\$ 7,352,500
Fund Obligations Amount:				\$ 1,516,419	\$ 56,808			Federal Aid ID
EA Number:				PE003007	R9627000			SA00(196)
Initial Obligation Date:				8/28/2018	10/16/2020			
Known Expenditures:				N/A	N/A			
EA End Date:				N/A	N/A			
State Funds								
State	Match	2019		\$ 127,930			\$ 127,930	
State	Match	2021			\$ 4,793		\$ 4,793	
State	Match	2022					\$ 487,560	\$ -
State	Match	2022					\$ 405,464	\$ 405,464
							\$ -	
							State Total:	\$ 538,187
Local Funds								
Local	Match	2022					\$ 82,096	\$ 82,096
								\$ -
								\$ -
							Local Total	\$ 82,096
Phase Totals Before Amend:			\$ -	\$ 1,644,349	\$ 61,601	\$ -	\$ 6,266,833	\$ 7,972,783
Phase Totals After Amend:			\$ -	\$ 1,644,349	\$ 61,601	\$ -	\$ 6,266,833	\$ 7,972,783
Year Of Expenditure (YOE):								\$ 7,972,783
Phase Change Amounts:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Phase Change Percentages:			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Notes and Changes

> Exempt Status: The project is exempt from air quality and transportation demand modeling analysis per 40 CFR 93.126, Table 2 - Highway Safety Improvement Program implementation.

Reason for Modification and Summary of Changes plus Impacts:

The Administrative Modification updates the project descriptions based on recent updates to complete PS&E. The scope does not change nor do the changes result in a funding changes.

> Support Materials: STIP Summary Report, STIP Impacts Worksheet, and Project Site location improvements list

Other Review Areas:

> Capacity enhancing: No

> Modeled project: No

> RTP Verification: Yes, ID 12095

> OTC or Metro approvals required: No

ADDED NOTE: The project in the MTIP will need to stay with a total match at \$486,560. as splitting the required match between state and local fund types is not possible in the MTIP currently. The total will be correct against the federal portion set at 92.22%.

Key Number:

20376

2021-2024 STIP

Project Name:

West Systemic Signals and Illumination (ODOT)

(DRAFT AMENDMENT

Fund Codes											
Phase	Fund Code	Description	ICA P	Percent of Phase	Total Amount	Federal Percent	Federal Amount	State Percent	State Amount	Local Percent	Local Amount
PE	ACPO	ADVANCE CONSTRUCT PR	Y	100.00%	1,644,349.00	92.22%	1,516,418.65	7.78%	127,930.35	0.00%	0.00
	PE Totals				100.00%	1,644,349.00		1,516,418.65		127,930.35	0.00
RW	ACPO	ADVANCE CONSTRUCT PR	Y	100.00%	61,600.00	92.22%	56,807.52	7.78%	4,792.48	0.00%	0.00
	RW Totals				100.00%	61,600.00		56,807.52		4,792.48	0.00
CN	ACPO	ADVANCE CONSTRUCT PR		100.00%	6,266,833.00	92.22%	5,779,273.39	6.47%	405,464.10	1.31%	82,095.51
	CN Totals				100.00%	6,266,833.00		5,779,273.39		405,464.10	82,095.51
Grand Totals					7,972,782.00		7,352,499.56		538,186.93		82,095.51



Metro
20121-24 Metropolitan Transportation Improvement Program (MTIP)
PROJECT AMENDMENT DETAIL WORKSHEET

**Formal Amendment
COST INCREASE**
Add funding to PE, ROW, and Cons
plus update limits

Lead Agency: ODOT		Project Type:	Safety		ODOT Key:	18794
Project Name: OR8: SW 192 Ave - SW 110th Ave	3	ODOT Type	Safety		MTIP ID:	70766
		Performance Meas:	Yes		Status:	5
Project Status: 5 = (RW) Right-of Way activities initiated including R/W acquisition and/or utilities relocation. Short Description: Safety upgrades to install larger signal heads, reflective backboards, pedestrian countdown signals and left turn phasing plus sidewalk infill and improvements, bus stop relocations, bus pads, & enhanced pedestrian crossing at SW 192nd Ave-SW 165th Ave.		Capacity Enhancing:	No		Comp Date:	9/30/2026
		Conformity Exempt:	Yes		RTP ID:	12095
		On State Hwy Sys:	OR8		RFFA ID:	N/A
		Mile Post Begin:	2.70 2.67		RFFA Cycle:	N/A
		Mile Post End:	7.03 7.04		UPWP:	No
		Length:	4.33 4.37		UPWP Cycle:	No
		Flex Transfer to FTA	No		Transfer Code	N/A
		1st Year Program'd:	2016		Past Amend:	7
		Years Active:	7		OTC Approval:	No
		STIP Amend #: 21-24-1810			MTIP Amend:AM22-08-DEC2	
Detailed Description: On OR8 between MP 2.70 to 7.33, complete safety upgrades to install larger signal heads, reflective backboards, pedestrian countdown signals and left turn phasing plus sidewalk infill and improvements, bus stop relocations, bus pads, & enhanced pedestrian crossing at SW 192nd Ave-SW 165th Ave. (Combines Key 18839 into construction. RTP ID: 12095. Exempt: Yes – 93 CFR 123.126, Table 2, Safety)						
STIP Description: Install larger signal heads, reflective backboards, pedestrian countdown signals and other signal improvements to increase safety on SW Short Ave - SW 110th Ave. Sidewalk infill and improvements, bus stop relocations, bus pads, and enhanced pedestrian crossing at SW 192nd Ave-SW 165th Ave.						
Last Amendment of Modification: Formal. OC22-01-OCT - October 2021 - COMBINED PROJECT: The formal amendment combines a prior obligated construction phase from Key 18839 into Key 18794 for increased delivery efficiencies as a single project						

PROJECT FUNDING DETAILS

Fund Type	Fund Code	Year	Planning	Preliminary Engineering	Right of Way	Other (Utility Relocation)	Construction	Total
Federal Funds								
HSIP	ZS30	2016		\$ 687,500				\$ -
HSIP	ZS30	2018		\$ 937,500				\$ 937,500
HSIP	ZS30	2020			\$ 289,000			\$ 289,000
HSIP	ZS30	2020			\$ 304,000			\$ 304,000
HSIP	ZS30	2022					\$ 1,723,407	\$ 1,723,407
State STBG	Z240	2022					\$ 1,188,043	\$ -
AC-HSIP	ACP0	2022					\$ 1,868,196	\$ 1,868,196
Note: HSIP funds are 100% federal							Federal Totals:	\$ 3,253,907
Federal Fund Obligations \$:				\$ 437,500				Federal Aid ID
EA Number:				PE002727				S029(032)
Initial Obligation Date:				9/15/2016				
EA End Date:				N/A				
Known Expenditures:				N/A				
State Funds								
State	Match	2022			-	-	\$ 135,977	\$ -
State	Match	2022					\$ 213,824	\$ 213,824
								\$ -
							State Total:	\$ 213,824
Local Funds								
								\$ -
								\$ -
							Local Total	\$ -
Phase Totals Before Amend:			\$ -	\$ 687,500	\$ 289,000	\$ -	\$ 3,047,427	\$ 4,023,927
Phase Totals After Amend:			\$ -	\$ 937,500	\$ 304,000	\$ -	\$ 3,805,427	\$ 5,046,927
Year Of Expenditure (YOE):								\$ 5,046,927
Phase Amount Change:			\$ -	\$ 250,000.00	\$ 15,000	\$ -	\$ 758,000	\$ 1,023,000
Phase Percent Change:			0.00%	36.36%	5.19%	0.00%	24.87%	25.42%

Notes and Summary of Changes:

- > Red font = Prior amended funding or project details. Blue font = amended changes to funding or project details. Black font indicates no change has occurred.
- > Combine prior obligated and removed Key 18839's construction phase into Key 18794 which also expands the limits. Update name, description, and funding.
- > Support Materials: STIP Summary Report, STIP Impacts Worksheet

Amendment Summary:

The formal amendment increases PE, ROW and Construcion phases with added funding. Funding changes approved to address project deficits in RW and PE. Increase programming request since PE & RW had obligated in a previous FFY. The cost increase totals a chnage of 25%. For this project, the 20% threshold is waived as no scope chnage is occurring.

- > Will Performance Measurements Apply: Yes - Safety

RTP References:

- > RTP ID: 12095 - Safety & Operations Projects
- > RTP Description: Projects to improve safety or operational efficiencies such as pedestrian crossings of arterial roads, railroad crossing repairs, slide and rock fall protections, illumination, signals and signal operations systems, that do not add motor vehicle capacity.
- > Exemption status: Exempt project per 93 CFR 126, Table 2 - Safety - Projects that correct, improve, or eliminate a hazardous location or feature.

Fund Codes											
Phase	Fund Code	Description	ICA P	Percent of Phase	Total Amount	Federal Percent	Federal Amount	State Percent	State Amount	Local Percent	Local Amount
PE	ZS30	HIGHWAY SAFETY IMP PROG FAST	Y	100.00%	937,500.00	100.00%	937,500.00	0.00%	0.00	0.00%	0.00
	PE Totals				100.00%	937,500.00		937,500.00		0.00	0.00
RW	ZS30	HIGHWAY SAFETY IMP PROG FAST	Y	100.00%	304,000.00	100.00%	304,000.00	0.00%	0.00	0.00%	0.00
	RW Totals				100.00%	304,000.00		304,000.00		0.00	0.00
CN	ACP0	ADVANCE CONSTRUCT PR		54.71%	2,082,019.57	89.73%	1,868,196.16	10.27%	213,823.41	0.00%	0.00
	ZS30	HIGHWAY SAFETY IMP PROG FAST		45.29%	1,723,407.46	100.00%	1,723,407.46	0.00%	0.00	0.00%	0.00
	CN Totals				100.00%	3,805,427.03		3,591,603.62		213,823.41	0.00
Grand Totals					5,046,927.03		4,833,103.62		213,823.41		0.00