



Oregon

Kate Brown, Governor

Oregon Transportation Commission

Office of the Director, MS 11

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Salem, OR 97301-3871

DATE: June 30, 2022

TO: Oregon Transportation Commission



FROM: Kristopher W. Strickler
Director

SUBJECT: Agenda Item L – Annual STIP Adjustment

Requested Action:

Approve the attached list of added, modified, or canceled projects to the STIP.

Background:

Previously, when new project opportunities arose, actions were taken on a project-by-project basis. This was not efficient as it increased the number of amendments approved by the OTC, the Director, or the Delivery & Operations Division Administrator.

At the July 15, 2021 Oregon Transportation Commission meeting, a new proposed yearly OTC approval process was presented for an annual approval of the majority of STIP amendments. The OTC approved the new process. And in September 2021, the OTC approved the first annual STIP amendment.

This is the 2022 annual amendment. The attached list of added, modified, or canceled projects for the 21-24 STIP consists of the highest priority projects for each region (as determined by the region). These projects will be paid for with pre-determined funding reserves and/or the additional funding from the Infrastructure Investments and Jobs Act (IIJA).

In accordance with Governor Brown's Executive Order on Climate (EO 20-04), the Climate Office analyzed the 2022 STIP adjustments, assessing changes in climate outcomes. A majority of projects address increasing costs due to inflationary pressures. An additional set contain newly scoped project features or new projects. These funding decisions were assessed for whether their impact would be positive, neutral, or challenging towards ODOT's climate goals.

This process informs and monitors STIP decisions as the climate lens was applied to the 24-27 STIP and March 2022 Infrastructure Investment and Jobs Act (IIJA) funding allocation decisions, using the 2021-24 STIP as a baseline. More information on these results and the associated methodology can be found in Attachment 2.

Next Steps:

With approval, ODOT will add, modify or cancel the attached projects in the 21-24 STIP.

Without approval, the OTC, Director, or Delivery & Operations Division Administrator will review and act upon each project as a separate amendment.

Attachments:

- Attachment 1 – 2022 Annual STIP Amendment – Project List
- Attachment 2 – Applying Climate Lens to the 2022 Annual STIP Adjustment

Key Number	Region	Project name	BMP	EMP	Bridge #	Phase	Primary Work Type	Funding Responsibility	Current Total	Proposed total	Difference	Description of change
20435	1	OR99W: I-5 - McDonald St	7.47	13.74		CN	Preservation	Fix-It Region 1 SW ADA	\$26,585,468.00	\$33,585,468.00	\$7,000,000.00	Increase the Construction phase, adding funds for ADA and preservation scope.
21711	1	OR35: US26 overcrossing bridge	57.57	57.59	16136	CN	Bridge	Fix-It SW Bridge	\$613,496.00	\$3,150,873.00	\$2,537,377.00	Add CN phase for 2024.
22431	1	OR141/OR217 curb ramps	var	var		PE & RW	ADA	SW ADA Transition	\$2,736,658.00	\$4,662,297.00	\$1,925,639.00	Increase PE & RW
22432	1	US30BY curb ramps	var	var		PE & RW	ADA	SW ADA Transition	\$17,223,369.00	\$25,556,437.06	\$8,333,068.06	Increase PE & RW
22603	1	I-405 Fremont bridge (Willamette River) West ramps	var	var		PE & RW	Bridge	Fix-It SW Bridge	\$0.00	\$11,759,000.00	\$11,759,000.00	Add new project
22609	1	OR 8: East Lane (Cornelius)	15.2	15.2		PE & CN	Safety	ARTS	\$0.00	\$1,000,000.00	\$1,000,000.00	Add new project
22613	1	Portland Metro and surrounding areas safety reserve	var	var		OT	Safety	HB2017 Safety	\$0.00	\$1,000,000.00	\$1,000,000.00	Add new safety bucket
18271	2	US101 at Asbury Creek	34.7	34.8	01796	PE, CN		Fix-It SW Fish Pass	\$7,300,000.00	\$3,400,000.00	-\$3,900,000.00	Cancel CN phase. Add \$1.6M to PE. Schedule extended due to additional design work needed for fish passage. CN will be funded in next STIP.
							Fish Passage					
19929	2	I-5: Kuebler Blvd to Delaney Rd widening	248.41	251.53	07524B, 07442, 16161	PE & CN		Enhance Region 2 Fix-It SW Bridge	\$35,960,436.00	\$50,460,436.00	\$14,500,000.00	Add \$500k to PE and \$14M to CN for full length widening to 3 lanes SB, replace Battle Cr Rd Br, add broadband to entire project length and inflation costs. Add NB Commercial St Br to location data.
							Modernization					
21538	2	I-105: Willamette R - Pacific Hwy	0.91	3.99	08689B, 08689C, 08689D, 08689E, 08689F, 08700A, 08965E	CN		Fix-It SW IM Fix-It SW Bridge	\$6,981,420.00	\$11,221,527.00	\$4,240,107.00	Add \$4,240,107 to CN to account for increase in paving material cost. Add bridge locations that were not added per CMR-01, update description to include repairing delamination on bridges.
							Preservation					
22433	2	OR36: Cleveland Creek Culvert	5.68	5.68		CN		HB2017 Culvert	\$2,000,000.00	\$2,946,123.00	\$946,123.00	Add \$946,123 to CN phase due to stream enhancement, inflation and increased materials cost.
							Fish Passage					
22434	2	US101 curb ramps (Lincoln City/Lincoln Beach)	112.30 121.42	118.70 125.00		PE & RW		SW ADA Transition	\$11,109,200.00	\$12,063,225.00	\$954,025.00	Increase the Preliminary Engineering and Right of Way phase estimates. Slip the Right of Way phase to begin in federal fiscal year 2023.
							ADA					
22435	2	OR47/OR8/US30 curb ramps	var	var		PE & RW		SW ADA Transition	\$6,330,298.00	\$9,075,262.00	\$2,744,964.00	Increase the Preliminary Engineering and Right of Way phase estimates. Slip the Right of Way phase to begin in federal fiscal year 2023.
							ADA					
22459	2	Rockaway Beach Path				PE & CN		SW Off-Sys BikePed	\$1,757,001.00	\$750,000.00	-\$1,007,001.00	Cancel CN phase. Project can't be delivered within current schedule. Add \$454,999 to PE. Project expanded to entire city portion of trail route.
							Bike/Ped					
	2	OR132: Good Pasture Rd to Green Acres Rd	0.26	0.76	09358	PE		JTA	\$0.00	\$6,086,051.00	\$6,086,051.00	Add new design-only project using JTA saving from Beltline projects.
							Modernization					
	2	OR18: Oldsville Rd - MP 43.81	40.38	43.81		CN		Fix-It Region 2	\$0.00	\$3,300,000.00	\$3,300,000.00	Add new CN-only project to complete paving project. Design was completed in K21548. Due to cost escalation the construction scope of that KN was reduced.
							Preservation					
	2	OR126: Huston Roundabout	47.83	47.85		PE		Rail Safety Fix-It Region 2	\$0.00	\$1,400,000.00	\$1,400,000.00	Add a new design-only project to construct a roundabout using \$500k Rail funds and \$900k of Region 2 funds.
							Operations					
20166	3	I-5 & OR138E: Variable Message & Curve Warning Signs	45.61 99.00	135.15 99.00		CN		HB2017 Safety	\$7,269,656.00	\$4,969,328.00	-\$2,300,328.00	Moving HB2017 Safety funds to new project K22597 for chip seal and safety improvements on US199 and OR42
							OP-ITS					
20261	3	US101: Parkview Dr - Lucky Ln (Brookings)	355.87	356.74		PE, RW, & CN		SW SRTS	\$3,237,000.00	\$4,417,000.00	\$1,180,000.00	Project was selected for SWIP strategic program. Project also adds local funds. Scope added for additional pedestrian features and sidewalks.
							Modernization					
21673	3	I-5: Azalea - Glendale	var	var	19312, 19107, 19313, 19106, 19891	CN & OT		Fix-It SW IM Fix-It Region 3	\$5,758,962.00	\$15,356,000.00	\$9,597,038.00	Combine portion of scope from K21713, advance CN funds from 24-27 STIP to fund addition of NB portion of project previously funded through PE
							Preservation					
21675	3	I-5: North Ashland - South Ashland	11.44	19	08739	CN		Fix-It SW IM Fix-It SW Bridge	\$900,000.00	\$12,595,393.00	\$11,695,393.00	Advance CN funding from 24-27 STIP
							Preservation					
21676	3	OR99/OR238/OR62: Big X Intersection (Medford)	var	var	18525, 06605A, 08821, 09590	PE & CN		HB2017 Preservation JTA	\$11,162,700.00	\$14,273,172.00	\$3,110,472.00	Adding JTA and SW HB2017 funds; removing some AT Leverage and Fix-It SW Bridge funds to make project whole.
							Preservation					
21677	3	OR42: Lookinglass Creek to I-5 (Winston)	72.54	76.03	01986A, 01923, 01923A, 02173A	CN		Fix-It Region 3 SW Fix-It Bridge	\$13,060,372.00	\$18,860,700.00	\$5,800,328.00	Adding IJA Pres and Bridge funds to accommodate inflated bids and additional paving treatments
							Preservation					
21680	3	US101 at East Bay Road	233.45	233.45		CN		Fix-It Region 3	\$1,159,000.00	\$1,995,000.00	\$836,000.00	Adding funds from CN phase of 21698 to fund DAP estimate of this higher priority project
							Operations					
21698	3	US101: Anderson Rockfall	334.3	334.3		CN		Fix-It Region 3	\$969,000.00	\$133,000.00	-\$836,000.00	Cancel CN phase of this project to fund higher priority project; K21680. CN phase of this project will be a priority in the 24-27 STIP
							Operations					
21713	3	I-5: Region 3 Clear Zone Improvements	var	var		PE, RW, CN, & OT		ARTS region 3	\$2,722,800.00	\$0.00	-\$2,722,800.00	Cancel project; scope and funding added to K21673 and K21674; Savings will go back to the R3 ARTS program
							Safety					

Key Number	Region	Project name	BMP	EMP	Bridge #	Phase	Primary Work Type	Funding Responsibility	Current Total	Proposed total	Difference	Description of change
22384	3	OR99: Glenwood - Coleman Creek	10.23	11.03		CN	Operations	SW Pedbike Strategic AT Leverage	\$15,000,000.00	\$17,574,568.00	\$2,574,568.00	Project chosen for PedBike Strategic program, adding AT Leverage to make CN phase whole
22437	3	US101/OR241/OR540 curb ramps (Coos Bay/North Bend)	var	var		PE & RW	ADA	SW ADA Transition	\$6,427,380.00	\$8,066,607.00	\$1,639,227.00	Increase the Preliminary Engineering and Right of Way phase estimates due to current economic conditions, skilled labor shortages, and the anticipated cost reductions we expected to see due to the maturation of the program have not materialized.
22438	3	Jackson County curb ramps, phase 2	var	var		PE & RW	ADA	SW ADA Transition	\$5,247,353.00	\$8,476,501.00	\$3,229,148.00	Increase the Preliminary Engineering and Right of Way phase estimates due to current economic conditions, skilled labor shortages, and the anticipated cost reductions we expected to see due to the maturation of the program have not materialized.
22597	3	OR42: Lookingglass Crk - Benedict & US199: Applegate - CA	var	var		PE, CN, & OT	Preservation	SW Chip Seal, HB2017 Safety Region 3	\$0.00	\$8,471,000.00	\$8,471,000.00	Add new priority safety project. Funds coming from K21677 and K20166
	3	Payton Bridge Deck Rehabilitation	35.41	35.41	16063	PE	Bridge	Fix-It SW Bridge	\$0.00	\$1,235,000.00	\$1,235,000.00	Advance PE phase from 24-27 STIP, CN to be completed in 24-27 STIP
	3	I-5: Cabin Creek - Sutherlin	136.52	143		PE	Preservation	Fix-It SW IM	\$0.00	\$750,000.00	\$750,000.00	New Project to review existing forensic info and complete additional field investigation to determine extent of repairs needed. Once identified, will design project through DAP
	3	OR99: Rogue River Bridge, Gold Hill Spur	2.65	2.65	00576	PE	Bridge	Fix-It SW Bridge	\$0.00	\$2,139,000.00	\$2,139,000.00	Advance PE phase from 24-27 STIP, CN to be completed in 24-27 STIP
20011	4	US20: Tumalo - Cooley Rd. (Bend)	14.31	18.3		CN	Preservation	Enhance region 4 - \$914,939 R4 Highway Leverage Region 4 - \$44,874 R4 Fix-It Region 4 - \$700,000 ARTS Region 4 - \$1,485,745	\$20,446,815.00	\$23,592,373.00	\$3,145,558.00	Additional funds being added to account for market changes and construction cost increases. Project current includes HWY Leverage, Safety, Preservation, ARTS funds; the added funds reflect increases in the corresponding construction items.
20167	4	OR126: Redmond-Powell Butte	0.22	6.9		PE, RW, UR, & CN	Preservation	Fix-it SW Bridge - \$868,697 SWIP - \$122,692 Fix-It Region 4 - \$3,310,458	\$8,917,395.00	\$13,219,242.00	\$4,301,847.00	Additional preservation funds being added to account for market changes and construction cost increases, bridge funds are being added to address new bridge scope added to the project, SWIP funds added to address sidewalk deficiencies.
21644	4	I-84: Rufus and Arlington Bridge deck rehabilitation	108.96 137.77	109.06 138.05	08820 & 09213	CN	Bridge	Fix-it SW Bridge	\$9,908,366.00	\$17,440,923.00	\$7,532,557.00	Approximately half of the funds being added are to account for market changes and construction cost increases. The remaining funds are needed to account for added bridge scope, with one bridge on I-84 being added as well as one bridge on US197. The US197 bridge will be moving \$745,789 in CN funds from K21640 to K21644.
22442	4	Sisters and Bend curb ramps	var	var		PE & RW	ADA	SW ADA Transition	\$6,502,701.00	\$9,042,316.00	\$2,539,615.00	Increase the Preliminary Engineering and Right of Way phase estimates.
22473	4	Chiloquin Community Safe and Healthy Connections				PE & CN	BikePed	SW Off-Sys BikePed	\$508,525.00	\$0.00	-\$508,525.00	Cancelling as the city withdrew their application.
22607	4	Revere Avenue Rail Crossing (Bend)				PL	Safety	SW Rail Crossing	\$0.00	\$500,000.00	\$500,000.00	Add new project for planning and analysis for ped/bike improvements, ADA accommodations, cross section modifications, signal upgrades, and crossing surface upgrades to improve the safety of the existing rail crossing.
22616	4	Reed Rd Rail Crossing (LaPine)				PE	Safety	SW Rail Crossing	\$0.00	\$150,000.00	\$150,000.00	Add new project to design gates and lighting to improve the safety of the existing rail crossing for the traveling public.
22617	4	Celilo Frontage Road Rail Crossing (Celilo Village)				PE	Safety	SW Rail Crossing	\$0.00	\$150,000.00	\$150,000.00	Add new project to design gates and lighting to improve the safety of the existing rail crossing for the traveling public.
22618	4	Merrill Pit Road Rail Crossing (Klamath County)				PE	Safety	SW Rail Crossing	\$0.00	\$150,000.00	\$150,000.00	Add new project to design gates, lighting, signage and striping to improve the safety of the existing rail crossing for the traveling public.
22620	4	US97: Bridge Over OR422 (Chiloquin)	247.54	247.54	06886	PE, RW, UR, & CN	Bridge	Fix-it SW Bridge	\$0.00	\$1,285,401.00	\$1,285,401.00	Add new project for structural overlay for the bridge.
	4	Warm Springs Tribe fund transfer				OT	Bike/Ped	SW Off Sys BikePed	\$0.00	\$319,080.80	\$319,080.80	Add a new project to transfer funds to the Bureau of Indian Affairs (BIA).
21873	5	OR86: Fish Creek	63.22	63.22		CN	Culvert	Fix-it SW Culvert	\$4,854,007.00	\$5,854,007.00	\$1,000,000.00	add \$1M CON for inflation.
21874	5	Morgan Lake Road safety improvements				CN	Safety	ARTS Region 5	\$1,283,369.00	\$1,782,562.00	\$499,193.00	add \$499,193 CON for inflation
21877	5	I-84: Emigrant Hill - Meacham (west-bound)	217.77	237.99		CN	Preservation	Fix-it SW IM	\$4,568,908.00	\$5,215,159.00	\$646,251.00	Add \$646,251 CON for inflation
21898	5	Baker & Union Counties Traffic Signal Safety Improvements	var	var		CN	Safety	ARTS Region 5	\$1,142,999.00	\$2,144,515.00	\$1,001,516.00	add \$1,001,516 CON for inflation
22383	5	OR86: Guardrail Upgrades Final Phase	34.03	70.75		CN	Safety	1R, Fix-it SW Bridge	\$3,469,000.00	\$5,392,000.00	\$1,923,000.00	add \$1.6M to Construction for inflation and \$323,000 in bridge funding for new scope.

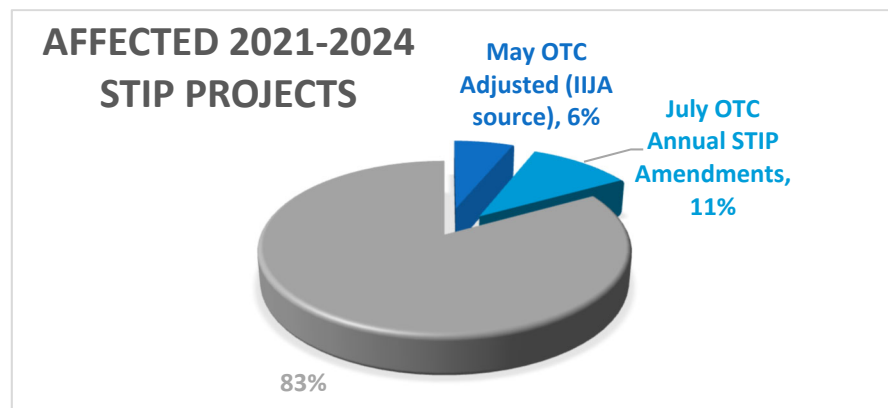
Key Number	Region	Project name	BMP	EMP	Bridge #	Phase	Primary Work Type	Funding Responsibility	Current Total	Proposed total	Difference	Description of change
22445	5	Burns & Hines curb ramps	0 128.00	0.50 132.2		PE & RW		SW ADA Transition	\$5,222,246.00	\$7,261,783.00	\$2,039,537.00	Increase the Preliminary Engineering and Right of Way phase estimates due to current economic conditions, skilled labor shortages, and the anticipated cost reductions we expected to see due to the maturation of the program have not materialized.
22446	5	Grant County curb ramps	var	var		PE & RW		SW ADA Transition	\$4,544,038.00	\$6,279,410.00	\$1,735,372.00	Increase the Preliminary Engineering and Right of Way phase estimates due to current economic conditions, skilled labor shortages, and the anticipated cost reductions we expected to see due to the maturation of the program have not materialized.
22447	5	Jordan Valley/Ontario/Huntington/Adrian curb ramps	var	var		PE & RW		SW ADA Transition, Fix-it SW SWIP bikeped	\$3,163,476.00	\$5,750,309.00	\$2,586,833.00	Increase the Preliminary Engineering and Right of Way phase estimates due to current economic conditions, skilled labor shortages, and the anticipated cost reductions we expected to see due to the maturation of the program have not materialized.
22453	5	Belt Park Greenway Trail (Hermiston)				PE & CN			\$297,000.00	\$297,000.00	\$0.00	Cancel the Construction phase, moving funds to the Preliminary Engineering phase.
	5	OR52 Snake River Bridge (Payette)	21.3		04335A	PE & RW	Bridge	Fix-it SW Bridge	\$0.00	\$3,651,550.00	\$3,651,550.00	Add New Project PE=\$3,603,600 ROW=\$47,950
	5	I-82: Eastbound Umatilla (Columbia River) Bridge Phase 2	0	0.39	02230A	PE	Bridge	Fix-it SW Bridge	\$0.00	\$715,650.00	\$715,650.00	Add New Project
21797	6	Safe Routes to School non-infrastructure FFY 23-24				OT		SW SRTS Education, SW SRTS	\$1,000,000.00	\$3,000,000.00	\$2,000,000.00	Increase the project cost by \$2,000,000, combining in project key 21798 (\$1M) and adding IJJA flexible funds allocated to the Safe Routes to School program (\$1M).
21820	6	Workforce Development SFY24				OT		SW Work Dev/OJT	\$2,550,000.00	\$3,600,000.00	\$1,050,000.00	Advance \$1,050,000 from the 24-27 STIP, adding funding for SFY 25. Update project name to Workforce Development SFY24-25.
	6	Oregon Community Paths Scoping Support				PL		SW Off Sys BikePed	\$0.00	\$222,890.90	\$222,890.90	Add a new project for ODOT HQ to provide scoping support to local agencies for the upcoming Oregon Community Paths grant solicitation cycle. \$200,000 fed matched by \$22,891 TOF split from K22481.
	6	Safe Routes to School Project Identification Program SFY 23-24				OT		SW SRTS	\$0.00	\$750,000.00	\$750,000.00	Add a new project, using IJJA flexible funds allocated to the Safe Routes to School program.
	6	Safe Routes to School Quick Build Signs and Lines				PL & OT		SW SRTS	\$0.00	\$100,000.00	\$100,000.00	Add a new project, using IJJA flexible funds allocated to the Safe Routes to School program. \$50K for a PL phase and \$50K for an OTH phase for ODOT HQ to perform planning activities and purchase equipment for future quick build signs and lines projects to be delivered by local agencies.
	6	Culvert Repair Mitigation				OT		HB2017 Culvert	\$0.00	\$4,410,000.00	\$4,410,000.00	Add a new project. These are state funds to be transferred to ODFW per the ODFW-ODOT Culvert Repair Programmatic Agreement (CRPA).
									\$269,890,414.00	\$423,005,139.76	\$153,114,725.76	

Applying Climate Lens to the 2022 Annual STIP Adjustment

In accordance with Governor Brown's Executive Order on Climate (EO 20-04), the ODOT Climate Office reviewed the 2022 STIP adjustments (May 2022 and July 2022 Annual) using the climate lens. This document provides high-level observations from that analysis. The annual adjustment contains amendments to nearly 80 existing and new projects that will be added to the 21-24 STIP.

Scope of Analysis

The analysis observations below are based on the Climate Office review of this limited subset of projects, not the full 2021-2024 STIP. The May 2022 Adjustment (with primarily Infrastructure Investment and Jobs Act (IIJA) funds) and the July Annual STIP amendments are 17% of the 21-24 STIP funding representing \$211M in new funds added to a \$426M base for these projects. These funding decisions were assessed for whether their impact would be positive, neutral, or challenging towards ODOT's climate goals. A majority of project adjustments address increasing costs due to inflationary pressures. An additional set are newly scoped project features, including \$47M in new projects.



Process

Staff assessed each project using 23 identified project attributes that tie to seven priority outcome areas (listed below) and assigned a dollar value to each based on its portion of the total project.

Several of the projects included multiple attributes. For example, a bridge project that adds capacity might be rated as positive for congestion relief, while its design standards also support Climate Adaptation/Resilience outcomes, and the project has new bike lanes and addresses a Safety issue. Each attribute is credited, proportional to the cost of that attribute, toward the associated outcomes. The priority outcome areas are:

- Climate—GHG Emissions Reduction/Mitigation
- Climate—Adaptation/Resilience
- Congestion Relief
- Social Equity
- Multimodal Mobility
- Safety
- State of Good Repair

This process informs and monitors STIP decisions as the climate lens was applied to the 24-27 STIP and March 2022 primarily Infrastructure Investment and Jobs Act (IIJA) funding allocation decisions, using the 2021-24 STIP as a baseline. Some variability from year to year is expected based on project timing changes.

Results: Key Climate Observations

The 2022 STIP adjustments will result in a net increase of \$211 million programmed project funding: \$59M in May, \$152M in July once approved. The rough return on investment calculation, based on projected outcomes and co-benefits anticipated, shows that these investments will generate \$454 million of new benefits when we look at co-benefits across outcome areas: \$93M in May, \$361 in July. The May projects show a smaller net return, as some of the projects' benefits are offset by investments that may contribute to more emissions.



Climate Adaptation/Resilience

Climate Adaptation/Resilience will see 12% of \$454M projected new benefits.

These include investments in bridges and culverts in nearly all regions, including a fish passage structure with greater environmental and resilience outcomes over a standard culvert in the same location.

Later in 2022, a new Climate Hazard Mapping system will increase the agency's ability to identify priority locations for climate resiliency projects.



Climate Greenhouse Gas Emissions Reduction/Mitigation

GHG Emissions Reduction/Mitigation will see 6% of \$454M projected new benefits.

Several projects improve high priority Active Transportation Needs Inventory (ATNI) corridor segments for bicycling and ADA usage, and benefit areas with high equity populations.

These gains are offset by nearly \$40M in additional funding for six larger roadway enhancement projects.