

RESOLUTION NO. 3335

A RESOLUTION ADOPTING THE 2024-2028 CAPITAL IMPROVEMENT PROGRAMS

Findings:

- A. The City's Fiscal Policies state that a five year Capital Improvement Program (CIP) encompassing all City facilities shall be prepared and updated annually.
- B. The five year CIP will be incorporated into the City's budget and long range financial planning processes.
- C. Changes to the CIP such as the addition of new projects, changes in scope and costs of a project or reprioritization of projects will require City Council or City Manager approval.

Based on these findings,

THE CITY COUNCIL OF THE CITY OF BEND RESOLVES AS FOLLOWS:

- 1. To adopt the 2024-2028 Capital Improvement Programs, as shown in Exhibit A.

Adopted by a vote of the Bend City Council on June 21, 2023.

YES: Mayor Melanie Kebler
Councilor Barb Campbell
Councilor Anthony Broadman
Councilor Megan Perkins
Councilor Ariel Méndez
Councilor Mike Riley

NO: none




Melanie Kebler, Mayor

ATTEST:



Robyn Christie, City Recorder

APPROVED AS TO FORM:



Mary A. Winters, City Attorney

Exhibit A – 2024-2028 Capital Improvement Programs

Water Fund
Five Year Capital Improvement Program (CIP) Schedule

	Cost Estimate Classification*	2023-24	2024-25	2025-26	2026-27	2027-28	Total
1GB27 Bear Creek Road and 27th Street Improvements	5	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ 1,000,000
1GNCC North Corridor Project Coordination	1	1,405,700	-	-	-	-	1,405,700
1GOPB Olney Pedestian and Bicycle Improvements	5	350,000	350,000	-	-	-	700,000
1GWAC Wilson Avenue Corridor Improvements	2	701,000	-	-	-	-	701,000
1RFGU Franklin & Greenwood Underpass	5	800,000	532,000	-	-	-	1,332,000
1TNPS Neff and Purcell Intersection	3	10,600	-	-	-	-	10,600
1WABD Awbrey Butte Distribution Improvements	4	13,500,000	9,600,000	-	-	-	23,100,000
1WFRB Fire Rock Bridge	5	250,000	250,000	-	-	-	500,000
1WFRR Capital Repair and Replacement Program	5	600,000	3,000,000	3,000,000	3,000,000	3,000,000	12,600,000
1WHCD In-Conduit Hydropower Feasibility Study	1	50,000	-	-	-	-	50,000
1WOFI Outback Facility Improvements	5	750,000	1,600,000	9,000,000	9,000,000	5,880,900	26,230,900
1WPDI Pilot Butte Distribution Improvements	5	-	500,000	5,000,000	7,000,000	2,300,000	14,800,000
1WWCM Well Capital Maintenance	5	-	1,450,000	3,676,000	-	-	5,126,000
Total		\$ 18,917,300	\$ 17,782,000	\$ 20,676,000	\$ 19,000,000	\$ 11,180,900	\$ 87,556,200

*The City's cost estimate classification system is based on standards developed by the AACE International Recommended Practice No. 18R-97

Estimate Class	Purpose	Project Definition Level Expressed as % of completion definition	Cost Estimate Range Typical variation in high & low range
Class 5	Concept or Feasibility	0% to 2%	+ 100% / -50%
Class 4	Preliminary Engineering	1% to 15%	+ 50% / -30%
Class 3	Semi-Detailed (30%-60% Design)	10% to 40%	+ 30% / -20%
Class 2	Detailed (60%-100% Design)	30% to 75%	+ 20% / -15%
Class 1	Final (100% Design/Bid Opening)	65% to 100%	+ 10% / -10%
N/A	Not Applicable		

Exhibit A – 2024-2028 Capital Improvement Programs

**Water Reclamation Fund
Five Year Capital Improvement Program (CIP) Schedule**

	Cost Estimate Classification*	2023-24	2024-25	2025-26	2026-27	2027-28	Total CIP
1GB27 Bear Creek Road and 27th Street Improvements	5	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000
1GOPB Olney Pedestrian and Bike Improvements	5	300,000	700,000	-	-	-	1,000,000
1GNCC North Corridor Project Coordination	1	120,000	-	-	-	-	120,000
1SAAI Addison & Butler Mkt Gravity Improvement	5	-	-	1,512,000	-	-	1,512,000
1SAMM SW Sewer Basin Improvements	5	-	375,000	1,800,000	2,400,000	3,600,000	8,175,000
1SEMP SE Area Master Plan	5	7,000,000	7,900,000	-	-	-	14,900,000
1SFPW WRF Facilities Plan Update	1	1,000,000	100,000	-	-	-	1,100,000
1SJRS Juniper Ridge Pump Station Decommissioning	5	500,000	1,000,000	-	-	-	1,500,000
1SMP1 Collection System Master Plan Update	1	1,550,000	100,000	-	-	-	1,650,000
1SN04 Pettigrew and Bayou Sewer Project	1	2,100,000	-	-	-	-	2,100,000
1SN05 Pinehaven and Woodhaven Sewer Project	5	475,000	450,000	-	-	-	925,000
1SN06 Silver Sage Sewer Project	5	1,200,000	1,200,000	-	-	-	2,400,000
1SNP Bend Sewer Neighborhood Extension Program	5	745,000	1,850,000	3,500,000	3,500,000	3,500,000	13,095,000
1SOC1 Odor Control Master Plan	5	-	-	-	-	1,155,000	1,155,000
1SPCR WRF Primary Clarifier Rehabilitation	3	3,900,000	-	-	-	-	3,900,000
1SPGA Large Gravity Pipe Condition Assessment	5	-	-	200,000	200,000	-	400,000
1SPS1 Awbrey Glen and Westside Pump Station Improvements	2	3,260,000	1,500,000	-	-	-	4,760,000
1SPSD Pump Station Decommissions Program	1	1,800,000	-	-	-	-	1,800,000
1SPSX Pump Station Program Funding	1	900,000	1,000,000	2,500,000	2,500,000	2,500,000	9,400,000
1SRRR Water Reclamation Capital Repair and Replacement Projects	1	500,000	500,000	2,500,000	2,500,000	2,500,000	8,500,000
1SSFU Support Facilities Upgrade	5	-	-	500,000	500,000	-	1,000,000
1TBMW Wells Acres Road & Butler Market Road Roundabout	5	1,900,000	-	-	-	-	1,900,000
1WABD Awbrey Butte Distribution Improvements	4	-	3,500,000	-	-	-	3,500,000
Total		\$ 27,650,000	\$ 20,175,000	\$ 12,512,000	\$ 11,600,000	\$ 13,255,000	\$ 85,192,000

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Estimate Class	Purpose	Project Definition Level Expressed as % of completion definition	Cost Estimate Range Typical variation in high & low range
Class 5	Concept or Feasibility	0% to 2%	+ 100% / -50%
Class 4	Preliminary Engineering	1% to 15%	+ 50% / -30%
Class 3	Semi-Detailed (30%-60% Design)	10% to 40%	+ 30% / -20%
Class 2	Detailed (60%-100% Design)	30% to 75%	+ 20% / -15%
Class 1	Final (100% Design/Bid Opening)	65% to 100%	+ 10% / -10%
N/A	Not Applicable		

**Stormwater
Five Year Capital Improvement Program (CIP) Schedule**

	Cost Estimate Classification*	2023-24	2024-25	2025-26	2026-27	2027-28	Total CIP
1GWAC Wilson Avenue Corridor Improvements	2	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
1RCAP Stormwater Capital Repair and Replacement Program	5	300,000	500,000	500,000	500,000	500,000	2,300,000
1RFUG Franklin & Greenwood Underpass	5	2,000,000	2,000,000	2,250,000	-	-	6,250,000
1RMP1 Stormwater Master Plan Update	5	450,000	50,000	-	-	-	500,000
1RNPR Newport Corridor Improvements	1	800,000	-	-	-	-	800,000
1RSAB South Awbrey Butte Drainage Improvements	5	-	-	2,000,000	5,500,000	2,500,000	10,000,000
1TNPS Neff & Purcell Intersection	3	25,000	-	-	-	-	25,000
1WABD Awbrey Butte Distribution Improvements	4	1,200,000	740,000	-	-	-	1,940,000
Total		\$ 4,975,000	\$ 3,290,000	\$ 4,750,000	\$ 6,000,000	\$ 3,000,000	\$ 22,015,000

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Estimate Class	Purpose	Project Definition Level Expressed as % of completion definition	Cost Estimate Range Typical variation in high & low range
Class 5	Concept or Feasibility	0% to 2%	+ 100% / -50%
Class 4	Preliminary Engineering	1% to 15%	+ 50% / -30%
Class 3	Semi-Detailed (30%-60% Design)	10% to 40%	+ 30% / -20%
Class 2	Detailed (60%-100% Design)	30% to 75%	+ 20% / -15%
Class 1	Final (100% Design/Bid Opening)	65% to 100%	+ 10% / -10%
N/A	Not Applicable		

Exhibit A – 2024-2028 Capital Improvement Programs

**Transportation Construction Fund
Five Year Capital Improvement Program (CIP) Schedule**

	Cost Estimate Classification**	2023-24	2024-25	2025-26	2026-27	2027-28	Total
1GFAI Franklin Avenue Corridor Improvements	5	\$ 425,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,425,000
1GOPB Olney Pedestrian and Bike Improvements	5	-	500,000	-	-	-	500,000
1GWAC Wilson Avenue Corridor Improvements	2	6,350,000	-	-	-	-	6,350,000
1T3IN 3rd & Reed Market Intersection	5	-	150,000	500,000	2,350,000	2,000,000	5,000,000
1T3ML 3rd & Miller Intersection	5	100,000	300,000	2,800,000	-	-	3,200,000
1TABB Archie Briggs Bridge Replacement	5	-	2,000,000	-	-	-	2,000,000
1TBKE Bicycle Greenways	2	648,800	-	-	-	-	648,800
1TBKP Bicycle Program	1	500,000	-	-	-	-	500,000
1TBMW Butler Mkt/Wells Acres	5	1,195,000	2,750,000	-	-	-	3,945,000
1TBRB Bond & Reed Market Roundabout	5	-	750,000	3,500,000	-	-	4,250,000
1TCHI Brosterhous/Chase	5	-	-	-	-	1,000,000	1,000,000
1TCKR Country Club Road / Knott Road Intersection Improvements	5	-	-	-	-	700,000	700,000
1TCON 27th/Conners Intersection	5	-	-	500,000	2,000,000	-	2,500,000
1TCSI Citywide Safety Improvements	1	46,400	-	-	-	-	46,400
1TGCI Galveston Corridor Improvements	5	-	150,000	2,000,000	1,900,000	-	4,050,000
1TNPS Neff & Purcell Intersection	3	975,000	-	-	-	-	975,000
1TRVF Riverfront Improvements	5	928,600	-	-	-	-	928,600
1TWAC 27th & Wells Acres Road Intersection Improvements	5	-	-	-	-	700,000	700,000
1XSTS Standards & Specifications Update	1	30,000	-	-	-	-	30,000
Total*		\$ 11,198,800	\$ 7,600,000	\$ 9,300,000	\$ 6,250,000	\$ 4,400,000	\$ 38,748,800

*Fiscal year 2024-25 materials & services expenditure appropriations include \$1,540,700 for a capital contribution to 1GNCC North Corridor Project Coordination, delivered by ODOT

**The City's cost estimate classification system is based on standards developed by the AACE International Recommended Practice No. 18R-97

Estimate Class	Purpose	Project Definition Level Expressed as % of completion definition	Cost Estimate Range Typical variation in high & low range
Class 5	Concept or Feasibility	0% to 2%	+ 100% / -50%
Class 4	Preliminary Engineering	1% to 15%	+ 50% / -30%
Class 3	Semi-Detailed (30%-60% Design)	10% to 40%	+ 30% / -20%
Class 2	Detailed (60%-100% Design)	30% to 75%	+ 20% / -15%
Class 1	Final (100% Design/Bid Opening)	65% to 100%	+ 10% / -10%
N/A	Not Applicable		

**2020 General Obligation Bond Construction Fund
Five Year Capital Improvement Program (CIP) Schedule**

	Cost Estimate Classification*	2023-24	2024-25	2025-26	2026-27	2027-28	Total
1GABB Archie Briggs Improvements	5	\$ 100,000	\$ 300,000	\$ -	\$ -	\$ -	\$ 400,000
1GAEE Aune Street Extension (East)	5	700,000	2,000,000	3,550,000	-	-	6,250,000
1GAEW Aune Street Extension (West)	5	-	-	250,000	3,000,000	4,250,000	7,500,000
1GB27 Bear Creek Road and 27th Street Improvements	5	4,200,000	4,100,000	3,000,000	-	-	11,300,000
1GBBA Butler Market Road and Boyd Acres Road Improvements	5	2,700,000	845,700	-	-	-	3,545,700
1GCAC Colorado Avenue Capacity Improvements	5	-	-	75,000	250,000	3,500,000	3,825,000
1GCAI Colorado Avenue Interchange Improvements	5	-	-	-	150,000	280,000	430,000
1GEAI Empire Avenue Interchange	5	-	-	-	-	1,450,000	1,450,000
1GEAT Enhanced Access to Transit	5	150,000	1,000,000	75,000	1,000,000	75,000	2,300,000
1GEOB Empire & OB Riley Intersection	5	-	-	150,000	750,000	2,600,000	3,500,000
1GFAI Franklin Avenue Corridor Improvements	5	3,500,000	1,725,000	-	-	-	5,225,000
1GGAU Greenwood Avenue Undercrossing	5	750,000	-	-	-	-	750,000
1GHAO Hawthorne Avenue Overcrossing	5	-	2,425,000	4,570,000	-	-	6,995,000
1GITS Intelligent Information Systems	5	200,000	600,000	-	-	-	800,000
1GKKR Key Routes River West Neighborhood	5	220,000	-	-	-	-	220,000
1GLRS Neighborhood Street Safety Program	2	900,000	1,650,000	750,000	750,000	750,000	4,800,000
1GMPR Murphy Parkway Ramps Project	5	-	-	4,125,000	5,875,000	-	10,000,000
1GNCC North Corridor Project Coordination	1	1,540,700	3,259,300	-	-	-	4,800,000
1GNCI Neff Corridor Improvements	5	600,000	2,171,000	1,300,000	-	-	4,071,000
1GOPB Olney Pedestrian and Bike Improvements	5	1,050,000	1,151,000	-	-	-	2,201,000
1GOPI Olney Corridor Improvements	5	-	-	750,000	3,250,000	3,000,000	7,000,000
1GPCB Powers, Parrell and Chase Intersections	5	-	-	-	-	500,000	500,000
1GPCI Portland Avenue Corridor Improvements	5	1,800,000	1,580,000	-	-	-	3,380,000
1GPUR Purcell Extension Project	3	216,500	-	-	-	-	216,500
1GRMC Reed Market Corridor	5	700,000	3,000,000	5,465,000	12,000,000	12,000,000	33,165,000
1GRRR Revere Intersection Improvements	5	-	-	750,000	3,250,000	3,000,000	7,000,000
1GWAC Wilson Avenue Corridor Improvements	2	1,552,000	-	-	-	-	1,552,000
1TBKE Bicycle Greenways Project	2	600,000	1,743,000	-	-	-	2,343,000
Total		\$ 21,479,200	\$ 27,550,000	\$ 24,810,000	\$ 30,275,000	\$ 31,405,000	\$ 135,519,200

*The City's cost estimate classification system is based on standards developed by the AACE International Recommended Practice No. 18R-97

Estimate Class	Purpose	Project Definition Level Expressed as % of completion definition	Cost Estimate Range Typical variation in high & low range
Class 5	Concept or Feasibility	0% to 2%	+ 100% / -50%
Class 4	Preliminary Engineering	1% to 15%	+ 50% / -30%
Class 3	Semi-Detailed (30%-60% Design)	10% to 40%	+ 30% / -20%
Class 2	Detailed (60%-100% Design)	30% to 75%	+ 20% / -15%
Class 1	Final (100% Design/Bid Opening)	65% to 100%	+ 10% / -10%
N/A	Not Applicable		

Exhibit A – 2024-2028 Capital Improvement Programs

**Accessibility Construction Fund
Five Year Capital Improvement Program (CIP) Schedule**

	Cost Estimate Classification**	2023-24	2024-25	2025-26	2026-27	2027-28	Total
1AADA Accessibility Opportunity Capital Projects	5	\$ 45,000	\$ 90,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 1,635,000
1ADEI NW Delaware Accessibility Improvements	5	400,000	400,000	-	-	-	800,000
1WABD Awbrey Butte Distribution Improvements	4	65,000	10,000	-	-	-	75,000
1SPSD Pump Station Decommissioning	1	20,000					20,000
Total*		\$ 530,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,530,000

*Interfund Transfers expenditure appropriations include \$200,000 annually for ADA capital synergy & quick build opportunity projects with the Streets & Operations Fund

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Estimate Class	Purpose	Project Definition Level Expressed as % of completion definition	Cost Estimate Range Typical variation in high & low range
Class 5	Concept or Feasibility	0% to 2%	+ 100% / -50%
Class 4	Preliminary Engineering	1% to 15%	+ 50% / -30%
Class 3	Semi-Detailed (30%-60% Design)	10% to 40%	+ 30% / -20%
Class 2	Detailed (60%-100% Design)	30% to 75%	+ 20% / -15%
Class 1	Final (100% Design/Bid Opening)	65% to 100%	+ 10% / -10%
N/A	Not Applicable		

**Parking Services Fund
Five Year Capital Improvement Program (CIP) Schedule**

	Cost Estimate Classification*	2023-24	2024-25	2025-26	2026-27	2027-28	Total CIP
1PNMP North Mirror Pond Improvements	5	\$ 700,000	\$ 1,660,300	\$ -	\$ -	\$ -	\$ 2,360,300
Total		\$ 700,000	\$ 1,660,300	\$ -	\$ -	\$ -	\$ 2,360,300

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Estimate Class	Purpose	Project Definition Level Expressed as % of completion definition	Cost Estimate Range Typical variation in high & low range
Class 5	Concept or Feasibility	0% to 2%	+ 100% / -50%
Class 4	Preliminary Engineering	1% to 15%	+ 50% / -30%
Class 3	Semi-Detailed (30%-60% Design)	10% to 40%	+ 30% / -20%
Class 2	Detailed (60%-100% Design)	30% to 75%	+ 20% / -15%
Class 1	Final (100% Design/Bid Opening)	65% to 100%	+ 10% / -10%
N/A	Not Applicable		

**Airport Fund
Five Year Capital Improvement Program (CIP) Schedule**

	Cost Estimate Classification*	2023-24	2024-25	2025-26	2026-27	2027-28	Total
AP22B Air Traffic Control Tower - Siting & Design	5	\$ 1,600,000	\$ -	\$ -	\$ -	\$ -	\$ 1,600,000
AP25A Taxiway A & B Rehabilitation	5	300,000	-	-	-	-	300,000
AP26A Multiple Taxilanes/Apron Reconstruction & Rehabilitation	5	-	500,000	3,315,000	-	-	3,815,000
AP27A West Apron Reconstruction & Rehabilitation	5	-	-	-	270,000	3,265,000	3,535,000
Total		\$ 1,900,000	\$ 500,000	\$ 3,315,000	\$ 270,000	\$ 3,265,000	\$ 9,250,000

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Estimate Class	Purpose	Project Definition Level Expressed as % of completion definition	Cost Estimate Range Typical variation in high & low range
Class 5	Concept or Feasibility	0% to 2%	+ 100% / -50%
Class 4	Preliminary Engineering	1% to 15%	+ 50% / -30%
Class 3	Semi-Detailed (30%-60% Design)	10% to 40%	+ 30% / -20%
Class 2	Detailed (60%-100% Design)	30% to 75%	+ 20% / -15%
Class 1	Final (100% Design/Bid Opening)	65% to 100%	+ 10% / -10%
N/A	Not Applicable		

**Facilities Management
Five Year Capital Improvement Program (CIP) Schedule**

	Cost Estimate Classification*	2023-24	2024-25	2025-26	2026-27	2027-28	Total CIP
Juniper Ridge Public Works Campus	3	\$ 51,375,300	\$ 52,756,000	\$ 19,350,800	\$ -	\$ -	\$ 123,482,100
City Hall Replacement	5	100,000	100,000	10,000,000	10,000,000	10,000,000	30,200,000
705/755 NE 1st - Underground Injection Control	5	50,000	-	-	-	-	50,000
Total		\$ 51,525,300	\$ 52,856,000	\$ 29,350,800	\$ 10,000,000	\$ 10,000,000	\$ 153,732,100

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Estimate Class	Purpose	Project Definition Level Expressed as % of completion definition	Cost Estimate Range Typical variation in high & low range
Class 5	Concept or Feasibility	0% to 2%	+ 100% / -50%
Class 4	Preliminary Engineering	1% to 15%	+ 50% / -30%
Class 3	Semi-Detailed (30%-60% Design)	10% to 40%	+ 30% / -20%
Class 2	Detailed (60%-100% Design)	30% to 75%	+ 20% / -15%
Class 1	Final (100% Design/Bid Opening)	65% to 100%	+ 10% / -10%
N/A	Not Applicable		