



MEMORANDUM

To: Board of Public Safety

From: Rick Brown, Director of Public Works / City Engineer

Date: November 5, 2019

Re: Review of Proposed 5-Year Capital Improvement Program

Attached for your review is a copy of the proposed 2020-2024 Capital Improvement Program for the City of Wildwood.

The program consists of two parts:

1. Capital Projects Fund (Exhibit A)
2. Road and Bridge Fund (Exhibit B)

Capital Projects Fund

Projects in the City's Capital Projects Fund, which receives revenue from a ½ cent capital improvement sales tax, are categorized as:

- Parks and Trails Development
- Road Improvements
- Bridge Improvements
- Other Capital Investment (which includes funding of the rural internet access)

The ½ cent sales tax generates about \$2.4M per year for the fund.

Road and Bridge Fund

The Road and Bridge Fund receives revenue from the Motor Fuel/Gas Tax received from the State of Missouri and the Road and Bridge Tax received from St. Louis County, which is to be used for funding roadway and bridge acquisition, maintenance and construction purposes. This fund had previously been used primarily for capital expenditures, however, over the last few years, due to funding constraints, it has evolved to fund maintenance related capital expenditures, including our annual asphalt resurfacing program and our annual concrete street slab / sidewalk replacement program. The Road and Bridge Fund receives about \$2.4M in revenue annually.

Grant Funding

Due to the limited funds that are available for capital projects, and the strong competition for them (i.e. parks, trails, road, bridge, rural internet access), the acquisition of grant funds (typically state or federal) for improvement projects is imperative. Most federal funding programs are awarded by the East-West Gateway Council of Governments annually and are administered by MoDOT. These typically require a minimum local match of 20%. In addition, MoDOT sponsors their own cost-share program, which requires a minimum local match of 50%. In the past, we've been very successful winning both federal and state (MoDOT) funding and we've used these funds to construct various road, bridge and trail improvements on city roads/right of way, as well as on State Route 109. The following projects, which are included in the 2020-2024 Capital Improvement Program, are federally funded:

- Eatherton Road Bridge #3-110 Replacement (over Bonhomme Creek) (80% Federal /20% Local Match)
- Manchester Road Shared Use Path (State Route 109 to Pond Road/Christy) (80% Federal/20% Local Match)
- Wild Horse Creek Road Bridge #387 Replacement (over Wildhorse Creek) (80% Federal/20% Local Match)

The Capital Improvement Program will be formally reviewed by the City Council later this month, as part of our annual budget preparation and approval process.

The Department is requesting the Board's review of the proposed 2020-2024 Capital Improvement Program. Please be prepared to provide any questions or comments relative to the development of the Capital Improvement Program at our meeting on November 7, 2019.

RCB

City of Wildwood
2020 Budget

Exhibit A

5-Year Capital Improvement Plan
Capital Improvement Sales Tax Fund

Combined Statement of Revenues, Expenditures, and Changes in Fund Balances

	2020	2021	2022	2023	2024
Estimated Beginning Fund Balances					
	1,499,721	1,554,721	1,670,121	2,077,760	2,905,399
Revenues					
½-Cent Capital Improvement Sales Tax	2,390,000	2,373,900	2,397,639	2,397,639	2,421,615
Interest	15,000	15,000	15,000	15,000	15,000
Subtotal	2,405,000	2,388,900	2,412,639	2,412,639	2,436,615
Federal/State Grants	840,000	508,500	920,000	1,610,000	1,840,000
Other Income	5,000	-	-	-	-
Total Revenue	3,250,000	2,897,400	3,332,639	4,022,639	4,276,615
Other Financing Sources					
Transfer In (Out)	-	-	-	-	-
Other Sources	-	-	-	-	-
Total Other Financing Sources	-	-	-	-	-
Total Revenue and Other Financing Sources					
	3,250,000	2,897,400	3,332,639	4,022,639	4,276,615
Expenditures					
Park Development	1,240,000	1,972,000	420,000	615,000	670,000
Roadway Improvements	250,000	440,000	1,520,000	750,000	2,350,000
Bridge Reconstruction	1,200,000	190,000	830,000	1,730,000	850,000
Other Capital Investment	505,000	180,000	155,000	100,000	75,000
Total Expenditures	3,195,000	2,782,000	2,925,000	3,195,000	3,945,000
Total Revenues and Other Financing Sources Over (Under) Expenditures					
	55,000	115,400	407,639	827,639	331,615
Encumbrances					
Prior Year Accrued Expenses (Encumbrances)	-	-	-	-	-
Estimated Ending Fund Balances					
	1,554,721	1,670,121	2,077,760	2,905,399	3,237,014

**City of Wildwood
Fiscal Year 2020**

**5-Year Capital Improvement Sales Tax Fund Capital Improvement Plan
FY 2020-2024**

		Source Funds	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Expected Grant Funding
Planned Project Expenditures								
Park and Trail Development								
40-480-07	Property Acquisitions	Local	100,000	100,000	100,000	100,000	250,000	
40-480-21	Homestead Trail Improvements- Design, Engineering, Construction	Local					150,000	
40-480-34	Kohn Park Repairs	Local	7,500			10,000		
40-480-35	Old Pond School Repairs	Local/Grant	7,500	10,000	10,000	10,000		10,000
40-480-37	Ward Five Neighborhood Park - Design and Construction	Local	775,000					
40-480-38	Capital Equipment/Facilities Purchase/Replacement	Local	25,000	45,000	45,000	45,000		45,000
40-480-46	Bellevue Farms	Local/Grant				250,000		
40-480-47	Future Trail Development - Construction & Major Resurfacing	Local			200,000	200,000		100,000
40-480-49	Restroom Facilities - Old Pond School	Local						
40-480-55	Town Center Park Development - Design and Engineering	Local	100,000					
40-480-59	Future Park Development, i.e. Ped Bridge at Enclaves, Manchester Road, etc.	Local/Developer	125,000					
40-480-60	Wildwood Greenway Corridor - Phase 6 - Engineering Update and Construction	Local			15,000			
40-480-61	Manchester Road Trail Between SR 109 to Pond Road - ROW	Local/Grant	100,000					
40-480-	Community Park - Phase IV - Design and Engineering	Local					65,000	
40-480-	Poertner Park - Hencken Road - Planning and Design	Local						
40-480-	Poertner Park - Hencken Road - Engineering	Local			50,000			
40-480-	Town Center Park Development - Construction	Local/Grant		800,000				
40-480-	Community Park - Phase V - Planning and Design	Local/Grant					50,000	
40-480-	Manchester Road Trail (SR 109 to Pond Rd.) - Construction	Local/Grant		1,017,000				508,500
Sub Total - Park Development			1,240,000	1,972,000	420,000	615,000	670,000	508,500
Roadway Improvements								
70-460-07	Small Roadway Improvement Projects	Local		50,000	50,000	50,000	50,000	
70-460-29	Center Avenue Reconstruction	Local/Escrow			100,000	200,000		
70-460-37	Strecker Road Sidewalks - Easement Acquisition	Local	20,000					
70-460-38	Route 100 Safety Improvements - Design	Local		75,000				
70-460-23	Main Street Extension to Eatherton Road - Design	Local			75,000			
70-460-27	Eatherton Road Reconstruction - Final Design	Local	75,000					
70-460-	Eatherton Road Reconstruction - Right of Way	Local/Grant?			150,000			120,000
70-460-	Eatherton Road Reconstruction - Construction	Local/Grant?					2,300,000	1,840,000
70-460-	Route 109 Sidewalk - Manchester to Viola Gill Lane	Local						
70-460-	Strecker Road Sidewalk - Construction	Local	105,000		145,000			
70-460-	Birch Forest Turnaround - Construction	Local		75,000				
70-460-	Alt Road Flood Mitigation - Easement Acquisition	Local		15,000				
70-460-	Alt Road Flood Mitigation - Construction	Local				500,000		250,000
70-460-	Woods Road Flood Mitigation - Final Design	Local	50,000					
70-460-	Woods Road Flood Mitigation - Construction	Local		225,000				
70-460-	Manchester Road Resurfacing and Signal Upgrades - Construction	Local/Grant?			600,000			480,000
70-460-	Taylor Road Resurfacing and Signal Upgrades - Construction	Local/Grant?			400,000			320,000
Sub Total - Roadway Improvements			250,000	440,000	1,520,000	750,000	2,350,000	3,010,000

**City of Wildwood
Fiscal Year 2020**

**5-Year Capital Improvement Sales Tax Fund Capital Improvement Plan
FY 2020-2024**

		Source Funds	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Expected Grant Funding
Bridge Reconstruction								
70-470-06	Eatherton Road Bridge #3-110 - Construction	Local/Grant	1,050,000					840,000
70-470-09	Bouquet Road Culverts #340 & #352 - Construction	Local			800,000			
70-470-09	Bouquet Road Culverts #340 & #352 - Easement Acquisition	Local		25,000				
70-470-	Bridge #387 (Wild Horse Creek Rd.) - Final Design	Local	150,000					
70-470-	Bridge #387 (Wild Horse Creek Rd.) - Easement Acquisition	Local			30,000			
70-470-	Bridge #387 (Wild Horse Creek Rd.) - Construction	Local/Grant				1,700,000		1,360,000
70-470-	Bridge #385 (Ossenfort Rd.) and Bridge #386 (Wild Horse Creek Rd.) - Final Design	Local		165,000				
70-470-	Bridge #385 (Ossenfort Rd.) and Bridge #386 (Wild Horse Creek Rd.) - Easement Acquisition	Local				30,000		
70-470-	Bridge #385 (Ossenfort Rd.) and Bridge #386 (Wild Horse Creek Rd.) - Construction	Local					850,000	
Sub Total - Bridge Reconstruction			1,200,000	190,000	830,000	1,730,000	850,000	2,200,000
Other Capital Investment								
10-500-03	City Hall Capital Investment - Rain Garden Upgrades, Interior Offices, Landscaping	Local	25,000		25,000			
40-490-02	Rural Internet Access Project	Local	350,000					
70-490-07	Vehicle Replacement / Purchase	Local	30,000	30,000	30,000			
70-490-10	Highway Signage	Local		50,000				
70-490-12	Misc. Sidewalk Improvements	Local	25,000	25,000	25,000	25,000		
	Emerald Ash Borer/Ash Tree Program	Local	75,000	75,000	75,000	75,000	75,000	
Sub Total - Other Capital Investment			505,000	180,000	155,000	100,000	75,000	-
Total Expenditures			3,195,000	2,782,000	2,925,000	3,195,000	3,945,000	5,718,500

City of Wildwood
2020 Budget

Exhibit B

5-Year Road Bridge Fund Capital Improvement Plan
Road Bridge Fund

Combined Statement of Revenues, Expenditures, and Changes in Fund Balances

	2020	2021	2022	2023	2024
Estimated Beginning Fund Balances					
	2,956,866	2,984,866	3,033,466	3,082,677	3,121,851
Revenues					
Motor Fuel/Gas Tax	1,400,000	1,410,500	1,421,079	1,421,079	1,431,737
Road & Bridge Tax	988,000	1,000,350	1,012,854	1,025,515	1,038,334
Interest	30,000	20,000	20,000	20,000	20,000
Subtotal	2,418,000	2,430,850	2,453,933	2,466,594	2,490,071
Federal/State Grants	-	-	-	-	-
Other Income	-	-	-	-	-
Total Revenue	2,418,000	2,430,850	2,453,933	2,466,594	2,490,071
Other Financing Sources					
Transfer In (Out) Special Escrows	-	-	-	-	-
Transfer In (Out) Special Revenue Fund	-	-	-	-	-
Transfer In (Out) CIP Sales Tax Fund	-	-	-	-	-
Total Other Financing Sources	-	-	-	-	-
Total Revenue and Other Financing Sources					
	2,418,000	2,430,850	2,453,933	2,466,594	2,490,071
Expenditures					
Roadway Improvements	60,000	60,000	60,000	60,000	60,000
Bridge Reconstruction	-	-	-	-	-
Capital Maintenance	2,225,000	2,247,250	2,269,723	2,292,420	2,315,344
Other Capital Investment	105,000	75,000	75,000	75,000	75,000
Total Expenditures	2,390,000	2,382,250	2,404,723	2,427,420	2,450,344
Total Revenues and Other Financing Sources Over (Under) Expenditures					
	28,000	48,600	49,211	39,174	39,727
Encumbrances					
Prior Year Accrued Expenses (Encumbrances)	-	-	-	-	-
Estimated Ending Fund Balances					
	2,984,866	3,033,466	3,082,677	3,121,851	3,161,578

	Source	FY	FY	FY	FY	FY
	Funds	2020	2021	2022	2023	2024
Planned Project Expenditures						
Roadway Improvements						
70-460-14	Traffic Safety Improvements	Local	30,000	30,000	30,000	30,000
70-460-36	Rural Roadway Safety Improvements	Local	30,000	30,000	30,000	30,000
	Sub Total - Roadway Improvements		60,000	60,000	60,000	60,000
Capital Maintenance						
70-490-01	Asphalt Pavement Resurfacing	Local	700,000	707,000	714,070	721,211
70-490-02	Concrete Pavement Replacement	Local	800,000	808,000	816,080	824,241
70-490-05	Storm Drainage Structure Replacement	Local	25,000	25,250	25,503	25,758
70-490-06	Sidewalk Replacement	Local	150,000	151,500	153,015	154,545
	Asphalt Patching	Local	200,000	202,000	204,020	206,060
	Joint and Crack Sealing	Local	80,000	80,800	81,608	82,424
	Pavement Markings	Local	100,000	101,000	102,010	103,030
	Guard Rail Repairs	Local	20,000	20,200	20,402	20,606
	Traffic Control Signs	Local	70,000	70,700	71,407	72,121
	Bridge Maintenance and Deck Sealing	Local	50,000	50,500	51,005	51,515
	Stormwater BMP Maintenance and Repair	Local	30,000	30,300	30,603	30,909
	Sub Total - Capital Maintenance		2,225,000	2,247,250	2,269,723	2,292,420
Other Capital Investment						
70-480-21	Other Engineering Services	Local	75,000	75,000	75,000	75,000
	Salt Brine Equipment		30,000	-	-	-
	Sub Total - Other Capital Investment		105,000	75,000	75,000	75,000
Total Expenditures			2,390,000	2,382,250	2,404,723	2,427,420
						2,450,344