

**2019-2024**

**CAPITAL IMPROVEMENTS PROGRAM**



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## **2019-24 CAPITAL IMPROVEMENTS PROGRAM**

A Capital Improvements Program (CIP) is a financial planning tool to help the community direct scarce resources to high priority projects. Through planning, the City will be able to complete projects to improve the quality of life in Monmouth and have the resources to acquire necessary equipment to ensure efficient delivery of services.

Capital improvements include planned purchases of both equipment as well as construction projects for facilities and utility systems.

Capital equipment includes items with a cost over \$5,000 and a useful life greater than 3 years. Examples include the purchase of vehicles, major tools, police cars, copiers, backhoes, dump trucks and bucket trucks.

Capital construction projects include new facilities, remodeling or enlargement of existing facilities, expansion or capacity improvements to utility systems and major system improvements. Maintenance projects, such as the overlay of a street, painting a building or replacing a broken pipe, are not considered capital improvements.

The CIP is a document meant to be revised and updated each year. After each completed year, a new year is added. Only money budgeted in the annual budget is approved for spending for items contained in the CIP.

## **2019-24 CAPITAL IMPROVEMENTS PROGRAM SUMMARY**

The next page contains a summary of all projects. Projects within the CIP are expressed in current dollars and are not adjusted for inflation. Projects contained in future years are not necessarily expected to have precise cost estimates, but reflect a general idea of cost. Costs will be revised as a project moves closer to implementation.

On the right hand side of the Summary are the columns of “strategy” and “secure funding”. If the strategy column contains a yes (y), it means there are identified sources of revenue to fund the project. If the secure funding column is marked yes (y), it means there is reasonable certainty money will be available when the project needs to be funded. Any project requiring voter approval for funding is not considered secure. A discussion of each of these items will be found on the page following the summary.

2019-2024 Capital Improvements Program

Secure

Pg #	PROJ#	TITLE	2019-20	2020-21	2021-22	2022-23	2023-24	Strategy	Funding
<b>GENERAL FUND PROJECTS</b>									
6	1100001	Rebuild City Hall	40,000		5,500,000			n	n
7	1101601	City Server & Tape Drive Replace		25,500				y	y
8	1401801	Replace Library HVAC Units	28,000	28,000	15,000			y	y
9	1401901	Sidewalk Repair Around Library	10,000	10,000	10,000			y	y
10	1200001	Patrol Vehicles & Equipment	51,000	77,000	52,000	78,000	53,000	y	y
11	1201201	Vehicle/Body Worn Cameras	9,000	9,000				y	y
12	1201801	Police Covered Parking Structure		120,000				n	n
13	1201802	Impound/Large Evidence/Storage Bldg			165,000			n	n
14	1101801	Gentlewoods Park Maint Imprvmts			127,000	85,000		y	n
15	1500001	Main Street Park Improvements	7,500		150,000			y	y
16	1501802	Park Land Acquisition	100,000					y	y
17	1500601	Madrona Park Improvements		55,000		65,000		y	n
18	1501801	Parks SDC - Master Plan-10 yr update	35,000		65,000		65,000	y	y
19	1501901	Marr Park Improvements	7,500					y	y
20	1801802	Senior Center Southside Deck	10,000					y	y
21	1801801	Senior Center Shuttle Bus	30,000					y	y
<b>TOTAL GENERAL FUND</b>			<b>328,000</b>	<b>324,500</b>	<b>6,084,000</b>	<b>228,000</b>	<b>118,000</b>		
<b>SANITARY SEWER FUND PROJECTS</b>									
22	11240001	Purchase & Replace Equipment	41,840	98,670	22,500	38,390	9,375	y	y
23	11241801	Public Works Office Remodel	200,000	26,750		30,000		y	y
24	1111801	Lagoon Level Control Valve Replacemnt	35,000					y	y
25	1110801	Sewer Line Replacement (Ongoing)	125,000		210,000			y	y
26	1510701	Gwinn & Suzanna Sw r Line Replace	943,660				1,797,750	y	y
27	1511801	Sewer Collection System Master Plan		50,000				y	y
28	1111901	Lift Station Pump Controller Replacemnt	125,000					y	y
29	1111902	Emergency Power Generator Replacemnt	300,000					y	y
<b>TOTAL SANITARY SEWER FUND</b>			<b>1,770,500</b>	<b>175,420</b>	<b>232,500</b>	<b>68,390</b>	<b>1,807,125</b>		
<b>WATER FUND PROJECTS</b>									
22	11240001	Purchase & Replace Equipment	52,330	98,660	22,500	38,390	46,875	y	y
23	11241801	Public Works Office Remodel	150,000	26,750		30,000		y	y
30	1520201	Willamette Well Field			385,000			y	y
31	1521901	Water System - SDC Fees Update	50,000					y	y
32	1120301	Water Line Replacements	42,000		498,400		788,800	y	y
33	1120501	Automated Meter Reading (AMR)	117,000	150,000	150,000			y	y
34	1120901	Marion County Well #1 Improvements	170,500					y	y
35	1121901	Marion County Well #3 Construction	220,000					y	y
<b>TOTAL WATER FUND</b>			<b>801,830</b>	<b>275,410</b>	<b>1,055,900</b>	<b>68,390</b>	<b>835,675</b>		
<b>STREET FUND PROJECTS</b>									
22	11240001	Purchase & Replace Equipment	20,330		38,710	38,380	9,375	y	y
23	11241801	Public Works Office Remodel	150,000	26,750		30,000		y	y
36	1141802	Walkway or Bikeway Improvements	150,000	7,500	7,580	7,660	7,740	y	y
37	1141801	Winegar Ditch Outlet Structure	20,000					y	y
38	1540101	Stormwater Master Plan	50,000	30,000				y	y
39	1540001	West Campus Storm Relief			295,700			y	n
40	1551802	Transportation Priority Improvements	500,000					y	y
<b>TOTAL STREET FUND</b>			<b>890,330</b>	<b>64,250</b>	<b>341,990</b>	<b>76,040</b>	<b>17,115</b>		
<b>STORM WATER UTILITY FUND PROJECTS</b>									
22	11240001	Purchase & Replace Equipment	-	98,670	31,850	38,390	9,375	y	n
23	11241801	Public Works Office Remodel	-	26,750		30,000		y	y
<b>TOTAL STORM WATER</b>			<b>-</b>	<b>125,420</b>	<b>31,850</b>	<b>68,390</b>	<b>9,375</b>		
<b>ELECTRIC UTILITY PROJECTS</b>									
41	1130101	Purchase and Replace Equipment	10,000	65,000		28,000		y	y
42	1130301	New Line Construction	498,541	116,500	116,500	116,500	116,500	y	y
43	1130509-24	Conversion and Line Changes	94,100	31,900	31,900	31,900	31,900	y	y
44	1130829-30	Distribution Equipment	248,239	66,160	66,160	66,160	66,160	y	y
45	1131032	Capacitors to Improve Power Factor		30,000				y	y
46	1131335-38	Miscellaneous Distribution Items	3,100	1,000	1,000	1,000	1,000	y	y
47	1131641	Misc Operation Items - GIS/PC Maps	20,000					y	y
48	1131701	Highway 99 - New Line Extension	7,200					y	y
49	1131901	Meter Equipment	285,000	150,000	150,000	150,000	150,000	y	y
<b>TOTAL POWER &amp; LIGHT FUND</b>			<b>1,166,180</b>	<b>460,560</b>	<b>365,560</b>	<b>393,560</b>	<b>365,560</b>		
<b>GRAND TOTAL</b>			<b>4,956,840</b>	<b>1,425,560</b>	<b>8,111,800</b>	<b>902,770</b>	<b>3,152,850</b>		

2019-2024 Capital Improvements Program

Pg #		PRJ #	TITLE	FISCAL YEAR 2019-2020 FUNDING SOURCE SUMMARY				
<b>GENERAL FUND PROJECTS</b>				<i>Gen Fund</i>	<i>Pks SDC</i>	<i>Grant</i>	<i>Donation</i>	<i>Total</i>
6	1100001	Rebuild City Hall	40,000					40,000
7	1101601	City Server & Tape Drive Replace						0
8	1401801	Replace Library HVAC Units	28,000					28,000
9	1401901	Sidewalk Repair Around Library	10,000					10,000
10	1200001	Patrol Vehicles & Equipment	51,000					51,000
11	1201201	Vehicle/Body Worn Cameras	9,000					9,000
12	1201801	Police Covered Parking Structure						0
13	1201802	Impound/Large Evidence/Storage Bldg						0
14	1101801	Gentlewoods Park Maint Imprvmts						0
15	1500001	Main Street Park Improvements	7,500					7,500
16	1501802	Park Land Acquisition		100,000				100,000
17	1500601	Madrona Park Improvements						0
18	1501801	Parks SDC - Master Plan-10 yr update		35,000				35,000
19	1501901	Marr Park Improvements	7,500					7,500
20	1801802	Senior Center Southside Deck				10,000		10,000
21	1801801	Senior Center Shuttle Bus				30,000		30,000
<i>Funding Source Totals</i>			<i>153,000</i>	<i>135,000</i>		<i>40,000</i>		<i>328,000</i>
<b>SANITARY SEWER FUND PROJECTS</b>				<i>Swr Fund</i>	<i>Swr SDC</i>			<i>Total</i>
22	11240001	Purchase & Replace Equipment	41,840					41,840
23	11241801	Public Works Office Remodel	200,000					200,000
24	1111801	Lagoon Level Control Valve Replacemnt	35,000					35,000
25	1110801	Sewer Line Replacement (Ongoing)	125,000					125,000
26	1510701	Gwinn & Suzanna Swr Line Replace		943,660				943,660
27	1511801	Sewer Collection System Master Plan						0
28	1111901	Lift Station Pump Controller Replacemnt	125,000					125,000
29	1111902	Emergency Power Generator Replacemnt	300,000					300,000
<i>Funding Source Totals</i>			<i>826,840</i>	<i>943,660</i>				<i>1,770,500</i>
<b>WATER FUND PROJECTS</b>				<i>Wtr Fund</i>	<i>Wtr SDC</i>			<i>Total</i>
22	11240001	Purchase & Replace Equipment	52,330					52,330
23	11241801	Public Works Office Remodel	150,000					150,000
30	1520201	Willamette Well Field						0
31	1521901	Water System - SDC Fees Update		50,000				50,000
32	1120301	Water Line Replacements		42,000				42,000
33	1120501	Automated Meter Reading (AMR)	117,000					117,000
34	1120901	Marion County Well #1 Improvements	170,500					170,500
35	1121901	Marion County Well #3 Construction	220,000					220,000
<i>Funding Source Totals</i>			<i>709,830</i>	<i>92,000</i>				<i>801,830</i>
<b>STREET FUND PROJECTS</b>				<i>Strt Fund</i>	<i>Storm SDC</i>	<i>Trans SDC</i>	<i>STP Fund</i>	<i>Total</i>
22	11240001	Purchase & Replace Equipment	20,330					20,330
23	11241801	Public Works Office Remodel	150,000					150,000
36	1141802	Walkway or Bikeway Improvements	10,000		50,000	90,000		150,000
37	1141801	Winegar Ditch Outlet Structure	20,000					20,000
38	1540101	Stormwater Master Plan		50,000				50,000
39	1540001	West Campus Storm Relief						0
40	1551802	Transportation Priority Improvements			200,000	300,000		500,000
<i>Funding Source Totals</i>			<i>200,330</i>	<i>50,000</i>	<i>250,000</i>	<i>390,000</i>		<i>890,330</i>
<b>STORM WATER UTILITY FUND PROJECTS</b>								<i>Total</i>
22	11240001	Purchase & Replace Equipment	0					0
23	11241801	Public Works Office Remodel						0
<i>Funding Source Totals</i>			<i>-</i>					<i>-</i>
<b>ELECTRIC UTILITY PROJECTS</b>				<i>P&amp;L</i>	<i>Aid to Con</i>			<i>Total</i>
41	1130101	Purchase and Replace Equipment	10,000					10,000
42	1130301	New Line Construction	267,640	230,901				498,541
43	1130509-24	Conversion and Line Changes	94,100					94,100
44	1130829-30	Distribution Equipment	12,300	235,939				248,239
45	1131032	Capacitors to Improve Power Factor						0
46	1131335-38	Miscellaneous Distribution Items	2,785	315				3,100
47	1131641	Misc Operation Items - GIS/PC Maps	20,000					20,000
48	1131701	Highway 99 - New Line Extension	7,200					7,200
49	1131901	Meter Equipment	285,000					285,000
<i>Funding Source Totals</i>			<i>699,025</i>	<i>467,155</i>				<i>1,166,180</i>
<b>COLUMN TOTALS</b>			<b>2,589,025</b>	<b>1,687,815</b>	<b>250,000</b>	<b>430,000</b>		<b>4,956,840</b>

## 2018-2019 PROJECT STATUS

<i>GENERAL FUND</i>		
1100001	Rebuild City Hall	Space Study initiated by consultant; presentation of options to Council
1101601	City Server & Tape Drive Rplmt	Backup server replacement purchased in August 2018
1401801	Library HVAC Unit Replacements	Two replacement units purchased and installed as planned
1200001	Police Patrol Vehicle & Equipment	One patrol vehicle and one detective vehicle purchase completed
1201201	Police Body Worn Cameras	Lease/purchase payment completed
1101801	Gentlewoods Park Maint Imprvmts	Picnic pavillion roof replaced
1501802	Park Land Acquisition	Ongoing - place holder
1501801	Parks Master Plan Update	Ongoing - Parks SDC update to follow
1801802	Senior Ctr South Side Deck	Continuing to work with Friends and Boy Scouts for a solution
1801801	Senior Ctr Shuttle Bus	25% of funds raised; purchase postponed to FY 19-20
<i>SANITARY SEWER FUND</i>		
11240001	Purchase & Replace Equipment	No vehicles or equipment purchased
11241801	Public Works Office Remodel	Ongoing - consultant working on construction drawings
1111801	Lagoon Level Control Valve Replmt	Postponed - work planned in FY 19-20
1110801	Davis Lane Sewer Line Replmt	Place Holder - development has not occurred
1510701	SW Pump Station Interceptor	Postponed - work planned in FY 19-20
1511801	Sewer Collection System Master Plan	Postponed - work planned in FY 19-20
<i>WATER FUND</i>		
11240001	Purchase & Replace Equipment	No vehicles or equipment purchased
11241801	Public Works Office Remodel	Ongoing - consultant working on construction drawings
1520201	Willamette Well Field	Pilot testing complete
1120301	Master Plan-Water Line Replmt	Postponed - work planned in FY 19-20
1120501	Automatic Meter Pilot Program	35% of meters deployed - 400 this year
1120901	Marion County Well #1 Improvements	Filtration equipment installed and operational
<i>STREET FUND</i>		
11240001	Purchase & Replace Equipment	Sweeper and Asphalt Striper purchased
11241801	Public Works Office Remodel	Ongoing - consultant working on construction drawings
1141802	Walkway or Bikeway Improvements	Sidewalks constructed on Clay St. between 99W and Knox St.
1141801	Winegar Ditch Outlet Structure	Postponed - work planned in FY 19-20
1540101	Stormwater Master Plan	Postponed - work planned in FY 19-20
1551801	Highway 99 Corridor Study	Postponed indefinitely
1551802	Transportation Priority Imprvmts	Council identified priority projects
<i>POWER &amp; LIGHT FUND</i>		
1130101	Purchase & Replace Equipment	Researching vehicle replacement options (rebuild or buy used)
1130301	New Line Construction	Completed - Riddell Farms, reconductor Hwy 99, Edwards Ph7, Quail Crossing; Ongoing - Southtown Apts
1130829	Install Dist Equip - New Customers	Completed - multifam units, NW Toys, Carl's Jr. MPL Headquarters, Delayed - various projects due to customer/developer
1130830	Install Equip to increase existing capacity	Delayed - system analysis must be completed
1131335-38	Miscellaneous Distribution Items	Ongoing - feeder balancing adjustments to new tracts installed
1131540	Power & Light Facility Headquarters	Almost completed - working on punch list and warranty items
1131641	Miscellaneous Operational Items	Data converted for GIS application, electronic mapping is current
1131701	Highway 99 - New Line Construction	Almost completed - awaiting ODOT progress before finalizing

### HISTORY OF SIGNIFICANT CAPITAL PURCHASES - LAST 10 YEARS

Description	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19 Est	Totals
Library HVAC Unit Replacements									23,993	25,930	49,923
Caselle - Finance & Court Software						115,265	29,570				144,835
Police Vehicles	64,407	39,354	48,472	100,498	40,913		42,492	80,950	45,204	35,122	497,412
E-Ticket System:				56,468							56,468
New Police Station:					819,729	3,672,885					4,492,614
Rebuild City Hall										24,833	24,833
Dog Park:					63,923						63,923
Madrona Park Improvements:					58,085	570,733					628,818
Main St. Fountain:						253,690					253,690
Main St. Amphitheater:							1,163,218	106,935			1,270,153
Senior Center Expansion:							69,072	450,429			519,501
Sewer Treatment Plant Upgrade:				4,013,184					193,672	33,500	4,240,356
Marion County Well #1 Improvements:									220,000	126,500	346,500
Marion County Well #2:	486,439										486,439
ODOT Hwy 99 - Utility/Pwr Line Proj:									676,300		676,300
4th St. Reservoir and Pump Station:					1,979,026						1,979,026
Willamette Well Field:					504,594				22,500		527,094
PW Automated Meter Reading (AMR):									75,000	5,344	80,344
P&L South Substation & Exit Feeders:	660,045										660,045
P&L Bucket, Line Trucks & Backhoes:			168,830	219,267				113,352	30,000	60,000	591,449
Replacement Computer Server/Back-ups:									22,797	24,633	47,430
New P&L Headquarters:						350,000		9,325	540,000	2,700,000	3,599,325
S-Curve Overlay and Sidewalk:	455,394										455,394
Downtown Streetscape:				764,403							764,403
Grand Total:											\$ 22,456,275

**PROJECT NUMBER:** 1100001

**FUND:** General

**DEPARTMENT:** Management and Finance

**PROJECT TITLE:** Rebuild City Hall

**PROJECT DESCRIPTION:** City Hall is in very poor condition. The Downtown Plan specifies City Hall be rebuilt on the existing site. Much of the space in the building cannot be accessed easily for handicapped individuals or is completely unusable. The mechanical systems within the building do not function well making the air quality and work environment very poor, and the layout of the building is not conducive to good customer service. The dated electrical wiring and lack of seismic durability of the building expose both employees and customers to substantial safety risks.

A review of all City facilities was completed in FY 12-13 and priorities for improvement and/or replacement were established. A new Police Station was constructed in FY 14-15 and a Senior Center expansion was completed in FY 16-17. A new Power & Light headquarters was finished in FY 18-19. Plans are now afoot to renovate the City Shops on Hogan Road for the remaining tenant: Public Works. City Hall should be replaced if funding can be secured.

Both the timing and actual cost of the project would need to be determined. Progress is being made in this regard with the hiring of a new consultant to update potential plans in the spring of 2019. Even with the uncertainty of this project, it is included in the City's capital improvements plan because of its significance.

*Uninhabitable office Steep non-ADA staircase Standing water, mold and floor cracks in basement archival storage*



### APPROPRIATIONS

YEAR	Prior Years	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect	\$24,833	\$40,000		\$550,000			\$614,833
Construction				4,400,000			\$4,400,000
Equipment							
Contingency				550,000			\$550,000
Total	\$24,833	\$40,000		\$5,500,000			\$5,564,833

### REVENUE

YEAR	Prior Years	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Debt Issuance				\$5,080,000			\$5,080,000
General Fund	\$24,833	\$40,000					\$64,833
Sp Cap Rsrv Fund				420,000			\$420,000
Total	\$24,833	\$40,000		\$5,500,000			\$5,564,833



**PROJECT NUMBER:** 1101601

**FUND:** General

**DEPARTMENT:** Management and Finance

**PROJECT TITLE:** Replace the City’s Computer Servers and Tape Drive Backup Systems

**PROJECT DESCRIPTION:** The City of Monmouth utilizes 2 computer servers to host its data and management systems, and a third server with tape drive which provides multiple backup and recovery capabilities.

The City’s primary server was replaced in FY 17-18. The City’s backup server was replaced in FY 18-19 because the tape drive backup system was approaching 8 years in age and it was no longer eligible for warranty and maintenance extension. A secondary server is used to provide additional capacity for data storage and workload management/efficiencies as well as some redundancy should the primary server fail.



The City’s secondary server five-year warranty ends in December 2019. As this equipment ages, it typically becomes more expensive to maintain, is less efficient than newer models, and runs the risk of software obsolescence. After weighing these risks, an additional year of warranty was purchased in FY 18-19 in order to defer the cost of replacement until FY 20-21.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2021-22	2022-23	Total
Engineering/Architect						
Construction						
Equipment		\$25,500				\$25,500
Contingency						
Total		\$25,500				\$25,500

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2021-22	2022-23	Total
General Fund		\$25,500				\$25,500
Total		\$25,500				\$25,500

**PROJECT NUMBER:** 1401801

**FUND:** General

**DEPARTMENT:** Library

**PROJECT TITLE:** Replace Library HVAC units

**PROJECT DESCRIPTION:** The Monmouth Public Library building will be 24 years old in August of 2019. Facilities maintenance issues are increasing. Notably the HVAC system is aging and rather than spend money on costly temporary repairs it makes sense to plan for replacing units, which is an inevitable outcome.

There are nine outdoor units; two units were replaced in 2017, one due to vandalism. Two more units were replaced in FY 18-19. Five units remain, all nearing the end of their life expectancy, which is typically 15-20 years.

The following schedule indicates the timing of HVAC unit replacement:

In FY 19-20 and in FY 20-21 -- Replace up to two units each year, as needed.

In FY 21-22 through FY 23-24 – Replace up to one unit each year, as needed.



**APPROPRIATIONS**

YEAR	Prior Years	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect							
Construction							
Equipment	\$49,923	\$28,000	\$28,000	\$15,000			\$120,923
Contingency							
<b>Total</b>	<b>\$49,923</b>	<b>\$28,000</b>	<b>\$28,000</b>	<b>\$15,000</b>			<b>\$120,923</b>

**REVENUE**

YEAR	Prior Years	2019-20	2020-21	2021-22	2022-23	2023-24	Total
General Fund	\$49,923	\$28,000	\$28,000	\$15,000			\$120,923
<b>Total</b>	<b>\$49,923</b>	<b>\$28,000</b>	<b>\$28,000</b>	<b>\$15,000</b>			<b>\$120,923</b>

**PROJECT NUMBER:** 1401901

**FUND:** General

**DEPARTMENT:** Library

**PROJECT TITLE:** Sidewalk repair around library

**PROJECT DESCRIPTION:** The Monmouth Public Library building will be 24 years old in August of 2019. Facilities maintenance issues are increasing, including conditions on the outside of the library building. A large section of sidewalk near the library entrance was replaced in 2016. Additional areas in need of repair or replacement were identified in 2019 with an estimated cost totaling \$29,500.

The following schedule indicates the timing of identified sidewalk repair or replacement:

In FY 19-20 – Repair or replace sidewalk sections, up to \$10,000.

In FY 20-21 – Repair or replace sidewalk sections, up to \$10,000.

In FY 21-22 – Repair or replace sidewalk sections, up to \$10,000.



**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect						
Construction	\$10,000	\$10,000	\$10,000			\$30,000
Equipment						
Contingency						
Total	\$10,000	\$10,000	\$10,000			\$30,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
General Fund	\$10,000	\$10,000	\$10,000			\$30,000
Total	\$10,000	\$10,000	\$10,000			\$30,000

**PROJECT NUMBER:** 1200001

**FUND:** General

**DEPARTMENT:** Police

**PROJECT TITLE:** Patrol Vehicle and Equipment

**PROJECT DESCRIPTION:** Purchase of replacement patrol vehicles, administrative vehicles and related equipment/installation.

The anticipated cost of purchasing one new patrol car this year (2019/2020). The years following 19/20, vehicle purchases would alternate each year from one to two vehicles in order to replace the oldest units in the fleet. Our current fleet consists of seven marked patrol cars. Full-time officers, reserve officers, and the Sergeants use these vehicles while on-duty. In addition, the detective uses one unmarked patrol car, the POINT detective uses an unmarked car, the CSO uses a pick-up truck, the Lieutenant and Chief each have an administrative car and the PD maintains a vehicle used by City employees for travel, training and appointments held outside of the City.

Given increased activities, population increases, and traffic related incidents rising each year, the wear on the patrol cars is immanent. Police patrol cars endure tremendous wear and tear and are a necessity to do the job that is required. Patrol cars must be in excellent working order as a matter of safety. Purchasing one vehicle this year will allow the replacement of one patrol car that has been in service for eight years. This replacement program helps to keep our fleet in good condition and will help minimize repair costs.

**APPROPRIATIONS**

Year	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect						
Construction						
Equipment	\$51,000	\$77,000	\$52,000	\$78,000	\$53,000	\$311,000
Contingency						
Total	\$51,000	\$77,000	\$52,000	\$78,000	\$53,000	\$311,000

**REVENUE**

Year	2019-20	2020-21	2021-22	2022-23	2023-24	Total
General Fund	\$51,000	\$77,000	\$52,000	\$78,000	\$53,000	\$311,000
Total	\$51,000	\$77,000	\$52,000	\$78,000	\$53,000	\$311,000

**PROJECT NUMBER:** 1201201

**FUND:** General

**DEPARTMENT:** Police

**PROJECT TITLE:** Body Worn Cameras

**PROJECT DESCRIPTION:** Payment for Body Worn Cameras this year (19-20) and the following year. (This is a five year lease/purchase program for cameras.)

Body Worn Cameras are worn on the uniform of a patrol officer. They both record audio and video to provide excellent documentation of an officer's contact with citizens during traffic stops, calls for service, and any encounter with people throughout a patrol officer's shift. Examples could include the recording of a DUII traffic stop, an officer responding to a high risk call for service or an officer interviewing and arresting a suspect for a criminal offense. The digital recording is stored as evidence to allow for no discrepancies in what actually occurred and what was said throughout the entire incident. The camera protects both the officer and the defendant, and officers end up spending much less time in court. Additionally these cameras are also very useful for recording non-criminal activity, documentation at crime scenes, documentation during crosswalk compliance checks, capturing unexpected crimes in progress and for surveillance purposes.

**APPROPRIATIONS**

Year	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect						
Construction						
Equipment	\$ 9,000	\$ 9,000				\$18,000
Contingency						
Total	\$ 9,000	\$ 9,000				\$18,000

**REVENUE**

Year	2019-20	2020-21	2021-22	2022-23	2023-24	Total
General Fund	\$ 9,000	\$ 9,000				\$18,000
Total	\$ 9,000	\$ 9,000				\$18,000

**PROJECT NUMBER:** 1201801

**FUND:** General

**DEPARTMENT:** Police

**PROJECT TITLE:** Covered Parking Structure

**PROJECT DESCRIPTION:** Construction of a covered parking structure located in the secure parking lot at the Police Department. This structure was originally in the design of the new police station, however, it was removed during the value engineering phase due to cost. The covered “carport style” structure would only cover the area where patrol vehicles park (8 spaces), thus allowing the patrol vehicles to remain out of the weather (rain, snow, ice) and will allow for ready access to electrical power.

**APPROPRIATIONS**

Year	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect		\$10,000				\$10,000
Construction		\$110,000				\$110,000
Equipment						
Contingency						
Total						\$120,000

**REVENUE**

Year	2019-20	2020-21	2021-22	2022-23	2023-24	Total
General Fund		\$120,000				\$120,000
Total		\$120,000				\$120,000

**PROJECT NUMBER:** 1201802

**FUND:** General

**DEPARTMENT:** Police

**PROJECT TITLE:** Impound/Large Evidence/Storage Building

**PROJECT DESCRIPTION:** Construction of a 3-bay storage facility located in the secure parking lot at the Police Department. This structure was originally in the design of the new police station, however, it was removed during the value engineering phase due to cost. The building would be used to store large evidence (vehicles, motorcycles, large equipment) and allow for a secure and dry space to process/collect evidence and store impounded vehicles or preserve large pieces of evidence for trial purposes. In addition, the space would be used to store the MPD Command Trailer, Radar Reader Board, CERT Supply Trailer and other police related equipment.

**APPROPRIATIONS**

Year	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect			\$15,000			\$15,000
Construction			\$150,000			\$150,000
Equipment						
Contingency						
Total			\$165,000			\$165,000

**REVENUE**

Year	2018-19	2019-20	2020-21	2021-22	2022-23	Total
General Fund			\$165,000			\$165,000
Total			\$165,000			\$165,000

**PROJECT NUMBER:** 1101801

**FUND:** General Fund / Parks

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Gentlewoods Park Maintenance Improvements

**PROJECT DESCRIPTION:** Gentlewoods Park is one of Monmouth’s most heavily used parks. The City continues to look for opportunities to improve this park. The existing picnic shelter and bathroom were constructed in the 1970's and the pedestrian bridge in the 1990's. Each facility has received annual maintenance throughout the years, but are showing their age. These facilities will need to be replaced, or have maintenance performed to ensure this park is able to handle the ongoing needs of park users.

In FY 2021-22, the department will replace the existing bathroom facilities with a prefabricated bathroom. This bathroom will be equipped to be a year around bathroom facility to address this parks demand for year around use.

In FY 2022-23, the department will hire a contractor to replace the existing pedestrian foot bridge with a prefabricated bridge that will have a higher weight rating than the existing wooden structure.

**BENEFITS:** This Park's large shelter/pavilion is reserved frequently for private events. The restroom is dilapidated and does not meet current ADA standards. The proposed improvements will ensure accessibility and the ongoing recreational opportunities in this park.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect			\$4,500	\$2,500		\$7,000
Construction			\$7,500	\$10,000		\$17,500
Equipment			\$105,000	\$65,000		\$170,000
Contingency			\$10,000	\$7,500		\$17,500
Total			\$127,000	\$85,000		\$212,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
SDC Fund						\$0
General Fund			\$50,000	\$85,000		\$135,000
Grants			\$77,000			\$77,000
Urban Renewal Fund						\$0
Total			\$127,000	\$85,000		\$212,000



**PROJECT NUMBER:** 1500001

**FUND:** General Fund / Parks

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Main Street Park Improvement

**PROJECT DESCRIPTION:** The 2008 Parks Master Plan identified a number of improvements to Main Street Park. The Parks Board prioritized projects to include construction of a splash fountain, followed by a performance amphitheater, which were completed in 2014 and 2016 respectively. Next, to accommodate the increased use in the park, the restrooms were replaced with a larger heated facility for year around use. Finally, an expansion of the play structure to accommodate a wider range of ages and accessibility needs was to be considered.

In FY 2019-20, timed locks will be installed on the bathroom doors to reduce the incidence of unwanted night-time activity inside the building.

In FY 2021-22, if funds are available, and staffing resources permit, the play structure will be further expanded.

**BENEFITS:** Main Street Park is a 2.2 acres urban downtown park. Because of its central location, high visibility, and long standing history this park should be viewed as a defining landmark for the City of Monmouth. Further improving the park will enhance the Main Street corridor and provide more amenities for the increase in users at the park, and in the downtown core.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Development						
Engineering/Architect						
Purchase Property						
Equipment	\$7,500		\$150,000			\$157,500
Total	\$7,500		\$150,000			\$157,500

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
SDC Fund			\$75,000			\$75,000
General Fund	\$7,500		\$75,000			\$82,500
Grant						
Urban Renewal District						
Total	\$7,500		\$150,000			\$157,500

**PROJECT NUMBER:** 1501802

**FUND:** Parks SDC

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Park Land Acquisition

**PROJECT DESCRIPTION:** In order to provide enough parkland to maintain a sufficient level of service standard, the City's Parks Master Plan identified the need to acquire up to 42.55 acres of additional park land within and outside the urban growth boundary. This translates into \$2,275,000 in land acquisition projects over a twenty year period.

The Parks Board will be engaged in a discussion to prioritize the Master Plans land acquisition capital improvement plan. If land should become available for purchase, City Council would authorize any acquisition of land for the expansion of the City's park system.

FY 2019-20, the department will program \$100,000 as a "place holder" for the purpose of land acquisition should an opportunity become available.

**BENEFITS:** The expansion of land dedicated to park land allows the City to provide an appropriate level of service for parkland and open space. Population growth will continue to place increased demand on existing facilities.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect						
Construction						
Equipment						
Land Acquisition	\$100,000					\$100,000
Total	\$100,000					\$100,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
OR St. Parks Grant						
Parks SDC	\$100,000					\$100,000
Rec Trails Grant						
Donations						
Total	\$100,000					\$100,000

**PROJECT NUMBER:** 1500601

**FUND:** Parks SDC

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Madrona Park Improvements

**PROJECT DESCRIPTION:** The 2008 Parks Master Plan identified a number of projects to further improve Madrona Park. The Parks Board has prioritized those projects and design and construction documents have been prepared for several amenities. Those include an arboretum, walking trail, urban forest, restroom facilities, and expanded play structures.

FY 2020-21, the department will improve the ground surface of the sports complex portion of the park. The area will include donated soccer goals, as well as, plans for a baseball backstop. This area is a delineated wetland. Improvements will require design work, a wetland removal fill permit, and construction. Improvements to surface drainage are necessary to make this surface suitable for use as recreational sports facilities.

FY 2022-23, if funds are available, a toy expansion is planned for this park. This expansion will establish a range of age appropriate equipment.

**BENEFITS:** This is a high use community park requiring improvements. The Master Plan projects stand out as high priorities over the next several years.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect		\$10,000				\$10,000
Construction		\$25,000				\$25,000
Equipment		\$20,000		\$65,000		\$85,000
Land Acquisition						
Total		\$55,000		\$65,000		\$120,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
OR St. Parks Grant						
Parks SDC		\$55,000		\$65,000		\$120,000
Rec Trails Grant						
Donations						
Total		\$55,000		\$65,000		\$120,000

**PROJECT NUMBER:** 1501801

**FUND:** Parks SDC

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Master Plan - 10 Year Update

**PROJECT DESCRIPTION:** This initiative requires hiring a qualified consultant to assist the City in updating the Parks System Master Plan. This plan will help the City develop construction cost estimates for projects identified. Projects can be implemented as funds and priority dictate.

In FY 2019-20, the City will complete the Parks Master Plan update. Using the capital project list, the City will update the Parks SDC methodology and fee.

In FY 2021-22, the City will initiate the highest priority identified in the Plan.

In FY 2023-24, the City will address the next highest priority identified in the Plan.

**BENEFITS:** This initiative will provide the City with a plan for future capital projects needed to address both deficiencies and growth related improvements within the park system. Construction of the identified improvements will enhance the livability of Monmouth.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect	\$35,000		\$10,000		\$10,000	\$55,000
Construction			\$50,000		\$50,000	\$100,000
Equipment						
Contingency			\$5,000		\$5,000	\$10,000
Total	\$35,000		\$65,000		\$65,000	\$165,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
General Fund (Parks)						
Parks SDC	\$35,000		\$65,000		\$65,000	\$165,000
Urban Renewal						
OSP Grant						
Total	\$35,000		\$65,000		\$65,000	\$165,000

**PROJECT NUMBER:** 1501901

**FUND:** Parks Fund

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Marr Park Improvement

**PROJECT DESCRIPTION:** The climbing toy, swing and slide at Marr Park do not have approved fall material underneath them. This project will include border material to confine new fall material.

**BENEFITS:** The addition of fall material will improve safety for park users. This project will also reduce liability to the City in the event of an injury resulting from a fall.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect						
Construction	\$7,500					\$7,500
Equipment						
Land Acquisition						
Total	\$7,500					\$7,500

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
General Fund (Parks)	\$7,500					\$7,500
Parks SDC						
Grant						
Donations						
Total						\$7,500

**PROJECT NUMBER:** 1801802

**FUND:** General

**DEPARTMENT:** Senior Center

**PROJECT TITLE:** Deck for South Side of Senior Center

**PROJECT DESCRIPTION:** The Senior Center completed an expansion in 2016 and was not able to do a final add-on of finishing ramps for a deck/patio on the south side of the building. It has been proposed by the local Boy Scout Troop leader that they would construct the deck and ramp as part of one of their member’s Eagle Scout projects.

The Senior Center would like to partner with the Boy Scouts and prospective Eagle Scout to complete a deck on the south side of the building complete with an additional ADA accessible ramp to the building. This will allow for additional usable space for the seniors and will finish the final phase of the expansion by creating enough entries/exits for the building.

The cost associated with this project is for materials alone and will be around \$10,000. The Friends of the Monmouth Senior Center has begun fundraising and looking for available grants to accomplish this project.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Consulting						
Construction	\$10,000					\$10,000
Equipment						
Contingency						
Total						\$10,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
FMSC Grant/Donation	\$10,000					\$10,000
Total						\$10,000

**PROJECT NUMBER:** 1801801

**FUND:** General

**DEPARTMENT:** Senior Center

**PROJECT TITLE:** Purchase of a Senior Center Shuttle Bus

**PROJECT DESCRIPTION:** In the year 2000, the Friends of the Monmouth Senior Center purchased a 15-passenger van for program use by the Seniors. The van has served the Senior Center well, as the Seniors have traveled over 50,000 miles in it. But the van is getting older and many seniors complain it is hard to get in and out of, making it a physical hazard for some.

The Senior Center would like to replace the van with a Shuttle Bus. A Shuttle Bus is designed with a lower point of entry making it much easier for passengers to enter and exit the vehicle. A bus being considered is made by Starcraft and will hold 14 passengers. The design has many benefits including:

- A short-step low entry/exit point with handrails that improves accessibility to passengers.
- A wider vehicle design which provides more space for seating and increases comfort on longer trips. The wider design also provides better road stability.
- A flat floor design which improves ease of movement in the vehicle and ensures all seating locations have good leg room.
- A separate luggage area which isolates cargo from the cabin & keeps it stable during driving. Passenger comfort and safety are significantly enhanced by this feature as well.
- The bus is under the CDL size requirement so a commercial driver's license will still NOT be required to drive this vehicle.

The cost of the bus is expected to be in the range of \$30,000. Friends of the Monmouth Senior Center have received several large donations and will look for grants as well for this purchase.

#### **APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Consulting						
Construction						
Equipment	\$30,000					\$30,000
Contingency						
Total	\$30,000					\$30,000

#### **REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
FMSC Grant/Donation	\$30,000					\$30,000
Total	\$30,000					\$30,000

**PROJECT NUMBER:** 11240001

**FUND:** Water, Sewer, Storm & Street      **DEPARTMENT:** Public Works

**PROJECT TITLE:** Purchase and Replacement of Public Works Equipment

**PROJECT DESCRIPTION:** This project provides for the replacement and purchase of equipment used by Public Works. Over the next five years, the following pieces of equipment are planned to be purchased or replaced. Typical vehicle replacement interval is 10 years. Some equipment is replaced on a 15 or 20 year interval.

**BENEFITS:** This action will ensure that the condition of the equipment used by the department is adequate to perform its function.

2019-20	Multi-passenger SUV ½ Ton Pickup Truck ¾ Ton Pickup Truck 4X4 Fork Lift	2022-23	Tractor Mower Chemical Sprayer ½ Ton Pickup Truck 1.5 Ton Service Truck
2020-21	Line Cleaner/ Vacuum	2023-24	½ Pickup Truck ½ Pickup Truck
2021-22	1 Ton Flat Bed Truck ¾ Ton Pickup Truck Street Sander Air Compressor		

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect						
Construction						
Equipment	\$114,500	\$296,000	\$115,560	\$153,550	\$75,000	\$754,610
Contingency						
Total	\$114,500	\$296,000	\$115,560	\$153,550	\$75,000	\$754,610

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Sewer Fund	\$41,840	\$98,670	\$22,500	\$38,390	\$9,375	\$210,775
Water Fund	\$52,330	\$98,660	\$22,500	\$38,390	\$46,875	\$258,755
Street Fund	\$20,330	\$0	\$38,710	\$38,380	\$9,375	\$106,795
Stormwater Fund		\$98,670	\$31,850	\$38,390	\$9,375	\$178,285
Total	\$114,500	\$296,000	\$115,560	\$153,550	\$75,000	\$754,610



**PROJECT NUMBER:** 11241801

**FUND:** Water, Sewer & Street      **DEPARTMENT:** Public Works

**PROJECT TITLE:** Public Works Office Remodel

**PROJECT DESCRIPTION:** This Public Works building has been expanded over the years as both the Public Works and Power & Light Departments have grown. Power & Light has relocated to a new facility. A consultant needs to be hired to assist in developing construction drawings and specifications along with a site master plan and capital improvement plan for the building and grounds. It is anticipated that improvements to the building and grounds will be phased based on available funds and department needs.

In FY 2019-20 a consultant will develop construction plans and specifications necessary to complete a remodel of the office facilities. Construction to begin during this fiscal year.

In FY 2020-21 construction will continue on phase 2 of the remodel. This phase will include weatherizing inventory storage space and equipment maintenance space. A Site or Facilities Master Plan for the public works yard will be completed during this fiscal year.

In FY 2022-23 priority site improvements identified in the Site Master Plan will be addressed during this fiscal year. These will include improved stormwater quality features, material storage facilities, and weatherized storage for roadway sanding equipment.

**BENEFITS:** This process will ensure that the Public Works building is remodeled to maximize efficient use of space, bring the building up to current codes, and provide a capital improvement plan for phase improvements as funds are available.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect	\$20,000	\$7,000		\$7,000		\$34,000
Construction	\$480,000	\$100,000		\$113,000		\$693,000
Equipment						
Contingency						
Total	\$500,000	\$107,000		\$120,000		\$727,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Sewer Fund	\$200,000	\$26,750		\$30,000		\$256,750
Water Fund	\$150,000	\$26,750		\$30,000		\$206,750
Street Fund	\$150,000	\$26,750		\$30,000		\$206,750
Stormwater Fund		\$26,750		\$30,000		\$56,750
Total	\$500,000	\$107,000		\$120,000		\$727,000

**PROJECT NUMBER:** 1111801

**FUND:** Sewer

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Lagoon Level Control Valve Replacement

**PROJECT DESCRIPTION:** The water level control valve in lagoon #2 has begun to show signs of pending failure. Repairs to this valve require work to be done during summer months when lagoon levels are at their lowest. Work requires constructing a temporary coffer dam, draining water inside the dam, and performing the replacement of the valve.

In FY 2019-20, the City will hire a contractor to replace the failing valve.

**BENEFITS:** This planned work is necessary to prevent emergency repairs, or sanitary sewer overflows resulting from valve failure.



**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect	\$3,000					\$3,000
Construction	\$29,000					\$29,000
Equipment						
Contingency	\$3,000					\$3,000
Total	\$35,000					\$35,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Sewer Fund	\$35,000					\$35,000
Sewer SDC Fund						
Total	\$35,000					\$35,000

**PROJECT NUMBER:** 1110801

**FUND:** Sewer

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Sewer Line Replacement (Ongoing)

**PROJECT DESCRIPTION:** Specific sewer lines within the collection system have been identified as having structural issues, excessive inflow and infiltration, or capacity constraints. These lines have been scheduled for replacement to maintain appropriate function of the collection system. These priority projects are necessary to prevent emergency repairs, or sanitary sewer overflows resulting from main line failures.

In FY 2019-20, the City will replace the failing Davis Lane sewer line. This line is located within a basin of the collection system that is experiencing excessive inflow and infiltration during major rain events. Replacing this line will address a portion of the capacity issues at the WWTF headworks located downstream of this collection system basin.

In FY 2021-22, the City will replace the failing Stadium Drive sewer line. This line is located within a basin of the collection system that is experiencing excessive inflow and infiltration during major rain events. Replacing this line will address a portion of the capacity issues associated with the Suzana Trunk Line, located downstream of this collection system basin.

**BENEFITS:** As Monmouth's sanitary sewer collection system ages it will be necessary to replace failing sewer lines. These planned periodic line replacements will permit the wastewater collection system to function and maintain regulatory compliance.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect	\$15,000		\$15,000			\$30,000
Construction	\$100,000		\$185,000			\$285,000
Equipment						
Contingency	\$10,000		\$10,000			\$20,000
Total	\$125,000		\$210,000			\$335,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Sewer Fund	\$125,000		\$210,000			\$335,000
Sewer SDC Fund						
Total	\$125,000		\$210,000			\$335,000

**PROJECT NUMBER:** 1510701

**FUND:** Sewer SDC

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Master Plan- Sewer Line Replacement (Gwinn St. & Suzanna Ave)

**PROJECT DESCRIPTION:** New construction, upsizing, or replacement of specific sewer lines have been identified in the Sewer System Master Plan as priority improvement to the sewer collection system. These improvements provide for increased capacity to meet the needs associated with increased population. Some of these priority projects are necessary to prevent sanitary sewer overflows resulting from "bottlenecks" within the existing collection system.

In FY 2019-20, the City will construct the SW Pump Station Interceptor. This is a planned 18" line on Gwinn Street from Warren to the east. This line will intercept and reroute flows from the SW Pump Station to avoid sanitary sewer overflows in the downtown core. Construction of previous phases of this interceptor has been shared with development on the south end of town. The final portions of this interceptor will be constructed by the city using Sewer SDC fees.

In FY 2023-24, the City will share in the construction costs of upsizing an existing 12" sanitary line that is at capacity, to an 18" line that will handle new construction upstream. This Suzana Avenue Trunk Line project will allow for planned and future expansion on the WOU campus.

**BENEFITS:** As Monmouth's population grows, it will be necessary to handle the increasing volume of wastewater through necessary upgrades. These planned periodic expansions identified in the City's Master Plan will permit the wastewater collection system to keep pace with growth and regulatory requirements.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect	\$175,400				\$97,500	\$272,900
Construction	\$753,260				\$1,660,250	\$2,413,510
Equipment						
Contingency	\$15,000				\$40,000	\$55,000
Total	\$943,660				\$1,797,750	\$2,741,410

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Sewer Fund					\$564,750	\$564,750
Sewer SDC Fund	\$943,660				\$1,233,000	\$2,176,660
Total	\$943,660				\$1,797,750	\$2,741,410

**PROJECT NUMBER:** 1511801

**FUND:** Sewer SDC

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Sewer Collection System Master Plan

**PROJECT DESCRIPTION:** This initiative requires hiring qualified consultants to assist the City in updating the long term plan for wastewater conveyance to the City's treatment facilities within the city limits of Monmouth. This plan will identify deficiencies in the City's current conveyance network, as well as important projects related to future growth and regulatory requirements. This plan will also help the City develop a list of capital projects the City will need to plan for over the next 20 years.

**BENEFITS:** This initiative will provide the City with a roadmap for the timing of future capital projects, and the financial resources that will be needed to address both deficiencies and growth related improvements.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect		\$50,000				\$50,000
Construction						
Equipment						
Contingency						
Total		\$50,000				\$50,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Sewer Fund						
Sewer SDC		\$50,000				\$50,000
Total		\$50,000				\$50,000

**PROJECT NUMBER:** 1111901

**FUND:** Sewer

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Lift Station Pump Controller Replacement

**PROJECT DESCRIPTION:** The City has 4 regional lift stations within the sewer collection system. These lift stations were all constructed using consistency of equipment manufacturers and products. Since construction, the manufacture of the pump controllers has gone out of business, and replacement controllers and tech support no longer exist. These controllers are all electronic devices that have surpassed their design life. This is a proactive preventative maintenance measure to ensure uninterrupted pump operation at the City's pump station.

**BENEFITS:** As Monmouth's sanitary sewer facilities age it is necessary to replace critical facilities prior to failure. The planned replacement of these pump controllers will ensure the wastewater collection system will maintain regulatory compliance by preventing unwanted raw sewage overflows, environmental damage, and regulatory fines.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect						
Construction						
Equipment	\$125,000					\$125,000
Contingency						
Total	\$125,000					\$125,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Sewer Fund	\$125,000					\$125,000
Sewer SDC Fund						
Total	\$125,000					\$125,000

**PROJECT NUMBER:** 1111902

**FUND:** Sewer

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Emergency Power Generator Replacement

**PROJECT DESCRIPTION:** All wastewater pumping facilities are required to have redundant power sources. During system power outages, these facilities must be able to continue pumping raw sewage to prevent overflows and environmental damages. These generators have been selected for replacement to ensure appropriate function during loss of power to these critical facilities. These priority projects are necessary to prevent emergency repairs, or sanitary sewer overflows resulting from loss of power failures.

In FY 2019-20, the Department will initiate the replacement of the back-up power generators at the following locations; wastewater treatment plant, southeast lift-station, southwest lift-station.

**BENEFITS:** As Monmouth's sanitary sewer facilities age it will be necessary to replace critical facilities prior to failure. The planned systematic replacement of backup power supplies will ensure the wastewater collection system will maintain regulatory compliance during system power outages.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect	\$50,000					\$50,000
Construction	\$100,000					\$100,000
Equipment	\$150,000					
Contingency						
Total	\$300,000					\$300,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Sewer Fund	\$300,000					\$300,000
Sewer SDC Fund						
Total	\$300,000					\$300,000

**PROJECT NUMBER:** 1520201

**FUND:** Water SDC

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Willamette Well Field

**PROJECT DESCRIPTION:** The raw water characteristics and volume are adequate to proceed with developing the Willamette Well Field. Testing determined the water from these three wells is under the influence of surface water. The type of treatment required for these wells must be consistent with the source water quality. Pilot testing of the selected filters will be conducted prior to Oregon Health Authority approval. Upon completion of the filter pilot testing, construction of the transmission line from the well field to the 4<sup>th</sup> Street Treatment Facility will begin. Treatment equipment will be located at the 4<sup>th</sup> Street Facility.

During FY 2021-22, the department will construct the transmission line between the Willamette Well Field and the 4<sup>th</sup> Street Facility. Selected filters to treat Willamette Well Field water will be installed in the 4<sup>th</sup> Street Facility.

**BENEFITS:** New sources of water will allow the City to meet the current and future demand on the water system. This project will continue to be a main priority of the department for the next several years.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect			\$10,000			\$10,000
Construction			\$145,000			\$145,000
Equipment			\$220,000			\$220,000
Contingency			\$10,000			\$10,000
Total			\$385,000			\$385,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Water Fund						
Water SDC Fund			\$385,000			\$385,000
Total			\$385,000			\$385,000



**PROJECT NUMBER:** 1521901

**FUND:** Water SDC

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Water System Master Plan – SDC Fees Update

**PROJECT DESCRIPTION:** This initiative requires hiring qualified consultants to assist the City in updating the long term plan for the City’s water source, treatment, storage, and distribution facilities serving the city of Monmouth. This plan will identify deficiencies in the City's current facilities, as well as, important projects related to future growth and regulatory compliance. This plan will also help the City develop a list of capital projects the City will need to plan for over the next 20 years.

**BENEFITS:** This initiative will provide the City with a roadmap for the timing of future capital projects, and the financial resources that will be needed to address both deficiencies and growth related improvements.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect	\$50,000					\$50,000
Construction						
Equipment						
Contingency						
Total	\$50,000					\$50,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Water Fund						
Water SDC	\$50,000					\$50,000
Total	\$50,000					\$50,000

**PROJECT NUMBER:** 1120301

**FUND:** Water

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Master Plan-Water Line Replacement

**PROJECT DESCRIPTION:** The replacement of specific water lines has been identified in the Water System Master Plan as a priority improvement to the water distribution system. These improvements provide for increased fire flow and improved distribution of water throughout the water system. Replacement of some of the identified lines reduces water loss through replacement of failing water lines.

In FY 2019-20, the department will design and install 420 feet of 8” waterline to complete distribution system looping, and improve fire flow.

In FY 2021-22, the department will replace 5800 feet of transmission waterline between the Willamette Well Field and 4th Street in conjunction with the Willamette Well Field project.

In FY 2023-24, the City will initiate a major project to replace 11,000 feet of asbestos concrete transmission line. Design and easement acquisition will take a year, with subsequent years constructing this major piece of infrastructure.

**BENEFITS:** These projects will address priority concerns identified in the City’s Water Master Plan. They will improve the movement of water from sources into and through the distribution system. Increased fire protection flows and redundancy within the system will result from these projects. Additionally, these projects will help the water system keep pace with population growth.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect	\$3,000		\$26,700		\$36,600	\$66,300
Construction	\$39,000		\$445,000		\$646,600	\$1,130,600
Equipment						\$0
Contingency			\$26,700		\$105,600	\$132,300
Total	\$42,000		\$498,400		\$788,800	\$1,329,200

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Water Fund			\$174,440		\$409,920	\$584,360
Water SDC Fund	\$42,000		\$323,960		\$378,880	\$744,840
Total	\$42,000		\$498,400		\$788,800	\$1,329,200

**PROJECT NUMBER:** 1120501

**FUND:** Water

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Automated Meter Reading (AMR)

**PROJECT DESCRIPTION:** The department has been deploying AMR water meters throughout town. The new meters can be read remotely using radio frequency, and are compatible with our utility billing system. It has been planned that, as funding and personnel are available, the department would continue installing the AMR meter reading system. To date approximately 35% of the meters in town are AMR.

In FY 2019-20, the department will plan to deploy up to 800 AMR meters bringing the total deployment to nearly 60%.

In FY 2020-21, the department will plan to complete 85% of AMR meters deployed

In FY 2021-22, the department will fully deploy AMR meters throughout the City.

**BENEFITS:** Once fully deployed, the department will be able to read all system meters in two hours using one employee. The City will have more monitoring functions, such as leak detection, and will significantly reduce labor hours associated with meter reading and billing.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect						
Construction						
Equipment	\$117,000	\$150,000	\$150,000			\$417,000
Contingency						
Total	\$117,000	\$150,000	\$150,000			\$417,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Water Fund	\$117,000	\$150,000	\$150,000			\$417,000
Water SDC Fund						
Total	\$117,000	\$150,000	\$150,000			\$417,000

**PROJECT NUMBER:** 1120901

**FUND:** Water

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Marion County Well #1 Improvements

**PROJECT DESCRIPTION:** Marion County Well #1 is the City's primary potable water source. Marion County Well #1 has been determined to be under the influence of surface water, and is required to have filtration equipment added for treatment. The City has implemented approved interim treatment methods, but is currently not in compliance with the Federal Surface Water Treatment Rule. The City has entered into a compliance agreement with the Oregon Health Authority to correct this deficiency.

To correct this deficiency the City will install an approved water filtration system. The filtration system will be located at the department's 4<sup>th</sup> Street Facility.

During FY 2019-20, the department will hire contractors to complete modifications that are required at Marion County Well #1 and the 4<sup>th</sup> Street Facility to address impacts of the filtration equipment and treatment processes. Various water conveyance lines need to be rerouted, and cross connected piping disconnected. These improvements will also include connecting backup electricity generators into the system to improve reliability.

**BENEFITS:** Taking necessary steps to meet regulatory water quality requirements will allow the City to continue to use this primary water source. These actions will provide the citizens of Monmouth a consistent, safe, and affordable water supply that will meet the current and future demand on the water system.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect	\$6,000					\$6,000
Construction	\$15,000					\$15,000
Equipment	\$144,500					\$144,500
Contingency	\$5,000					\$5,000
Total	\$170,500					\$170,500

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Water Fund	\$170,500					\$170,500
Water SDC Fund						
Total	\$170,500					\$170,500

**PROJECT NUMBER:** 1121901

**FUND:** Water

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Marion County Well #3 (MC#3) Construction

**PROJECT DESCRIPTION:** The City’s primary water source MC #1 has been in service for 40 years and is showing signs of well casing and well seal failure. The City is taking proactive steps to replace this important water source before total well failure occurs. The City is planning to drill a well in proximity to MC#1 that is intended to replace the majority of the MC#1 well capacity. Once MC#3 is on-line, the City will initiate drilling a second well adjacent to MC#1 that will provide enough water to fully replace the duty of MC#1.

During FY 2019-20, the department will hire a consultant to assist the city in getting approval from the Water Resources Division, and the Oregon Health Authority to construct this new replacement well.

**BENEFITS:** Taking steps now to replace Marion County Well #1 will eliminate the catastrophic impact of total well failure of the City’s primary water source. These actions will provide the citizens of Monmouth a consistent, safe, and affordable water supply that will meet the current and future demand on the water system.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect	\$10,000					\$10,000
Construction	\$205,000					\$205,000
Equipment						
Contingency	\$5,000					\$5,000
Total	\$220,000					\$220,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Water Fund	\$220,000					\$220,000
Water SDC Fund						
Total	\$220,000					\$220,000

**PROJECT NUMBER:** 1141802

**FUND:** Street

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Walkway or Bikeway Improvements

**PROJECT DESCRIPTION:** The City receives funds from the Oregon Department of Transportation annually that are to be used on transportation related projects. The law requires that at a minimum 1% of the State funds be expended to provide bikeways and walkways. The total amount of funds received from the State is related to how many miles of road the jurisdiction maintains and how much the State collects in gas taxes annually.

FY 2019-20 - The department will design and construct projects identified as priorities, expending the required 1% of the funds received from the State. Sharrows on Main Street have been identified as a priority by the Monmouth Engaged Bike Ped Committee.

**BENEFITS:** This initiative will ensure the City will expend the required amount of the State transportation funds on walkway or bikeway capital projects. These funds and projects will address both deficiencies and growth related improvements to bicycle and pedestrian facilities in Monmouth.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect	\$10,000					\$10,000
Construction	\$140,000	\$7,500	\$7,580	\$7,660	\$7,740	\$170,480
Equipment						
Contingency						
Total	\$150,000	\$7,500	\$7,580	\$7,660	\$7,740	\$180,480

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Street Fund	\$10,000	\$7,500	\$7,580	\$7,660	\$7,740	\$40,480
Transportation SDC	\$50,000					\$50,000
STP Fund	\$90,000					\$90,000
ODOT Grant						
Total	\$150,000	\$7,500	\$7,580	\$7,660	\$7,740	\$180,480

**PROJECT NUMBER:** 1141801

**FUND:** Street

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Winegar Ditch Outlet Structure

**PROJECT DESCRIPTION:** Two 48" corrugated storm pipes daylight into Winegar Ditch in Winegar Park. The pipes are large enough for kids to climb into the pipes. These pipes have been damaged over the years and have jagged metal surfaces. Current design practices would construct an outlet structure with grates to prevent animals or humans from entering into the pipes.

In FY 2019-20, an outlet structure will be constructed over the storm line outlet. Structure will have a slotted grate that can be removed by maintenance personnel if required to perform routine maintenance.

**BENEFITS:** This project will address safety and liability concerns of an open large storm pipe located in a park setting. The project will also address the exposed piping that is compromised with jagged edges.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect	\$2,000					\$2,000
Construction	\$15,000					\$15,000
Equipment						
Contingency	\$3,000					\$3,000
Total	\$20,000					\$20,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Street Fund	\$20,000					\$20,000
Transportation SDC						
Total	\$20,000					\$20,000

**PROJECT NUMBER:** 1540101

**FUND:** Storm SDC

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Stormwater Master Plan

**PROJECT DESCRIPTION:** This initiative requires hiring qualified consultants to assist the City in developing a long term plan for stormwater conveyance and treatment facilities within the city limits of Monmouth. This plan will identify deficiencies in the City's current conveyance network, as well as, important projects related to future growth and regulatory requirements. This plan will also help the City develop a list of capital projects the City will need to plan for over the next 20 years.

**BENEFITS:** This initiative will provide the City with a roadmap for the timing of future capital projects, and the financial resources that will be needed to address both deficiencies and growth related improvements.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect	\$50,000	\$30,000				\$80,000
Construction						
Equipment						
Contingency						
Total	\$50,000	\$30,000				\$80,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Street Fund						
Stormwater SDC	\$50,000	\$30,000				\$80,000
Stormwater Fund						
Total	\$50,000	\$30,000				\$80,000



**PROJECT NUMBER:** 1540001

**FUND:** Storm SDC

**DEPARTMENT:** Public Works

**PROJECT TITLE:** West Campus Storm Relief

**PROJECT DESCRIPTION:** This project includes construction of a storm relief channel along the west edge of WOU. This drainage channel will provide storm relief for water impoundment in Marr Court and at various locations within the WOU campus.

**BENEFITS:** This project will eliminate flooding during heavy rainfall on the west side of the City. It will also become part of the major drainage way as the City develops to the southwest.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect			\$25,000			\$25,000
Construction			\$240,700			\$240,700
Equipment						
Contingency			\$30,000			\$30,000
Total			\$295,700			\$295,700

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Street Fund			\$90,000			\$90,000
Storm Drain SDC			\$205,700			\$205,700
Total			\$295,700			\$295,700

**PROJECT NUMBER:** 1551802

**FUND:** Transportation SDC

**DEPARTMENT:** Public Works

**PROJECT TITLE:** Transportation Priority Improvements

**PROJECT DESCRIPTION:** Numerous projects are identified in the Transportation System Master Plan that was updated in 2009. These projects are usually driven by development and may include street extensions, improvements to existing streets and partnering with developers to construct new streets. City Council has identified the importance of prioritizing projects to spend down the Transportation SDC fund.

In FY 2019-20, City Council will prioritize transportation projects. Funds have been programmed from both the SDC Fund and Street Fund to provide flexibility for initiating projects this budget cycle should Council identify it important to do so.

**BENEFITS:** Each of the projects identified in the Master Plan will provide for improved traffic flow, as well as, improved bicycle and pedestrian facilities to enhanced livability of Monmouth. As growth occurs, Master Plan improvements will improve the street system allowing vehicle, pedestrian and bicycle traffic to move in a fluid and safe manner.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Engineering/Architect	\$93,500					\$93,500
Construction	\$370,000					\$370,000
Equipment						
Contingency	\$36,500					\$36,500
Total	\$500,000					\$500,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Street Fund						
Transportation SDC	\$200,000					\$200,000
STP Fund	\$300,000					\$300,000
ODOT Grant						
Total	\$500,000					\$500,000

**PROJECT NUMBER:** 1130101

**FUND:** Power and Light

**DEPARTMENT:** Power and Light

**PROJECT TITLE:** Purchase and Replacement of Power and Light Equipment

**PROJECT DESCRIPTION:** Systematic scheduling of equipment purchases and replacement

2019-20      2008 SCADA Server replacement  
2020-21      Replace 2003 Chevrolet 3500 Flatbed Dump Truck MPL #50  
2021-22      No replacements currently projected  
2022-23      Replace 2008 Chevrolet Colorado MPL #62  
2023-24      No replacements currently projected

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Vehicles		\$65,000		\$28,000		\$93,000
Computer Servers	\$10,000					\$10,000
Total	\$10,000	\$65,000		\$28,000		\$103,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Power and Light	\$10,000	\$65,000		\$28,000		\$103,000
Total	\$10,000	\$65,000		\$28,000		\$103,000

**PROJECT NUMBER:** 1130301

**FUND:** Power and Light

**DEPARTMENT:** Power and Light

**PROJECT TITLE:** New Line Construction

**PROJECT DESCRIPTION:** Construct 20 miles of single-phase and three-phase distribution line extensions to serve 1,025 new consumers during the next 10 years. New larger projects include: Hoffman Estates Phase 1 (est. \$75,460 out of \$150,000); Ash Creek Station (est. \$115,814 out of \$208,300); Prepare for undergrounding East and Express feeders across Ash Creek Station property (\$250,000); Edwards Addition Phase IIIV (est. \$16,527 out of \$52,400); Madrona Street Car Wash (est. \$12,650 out of \$22,500). Smaller projects include upgrading existing lines in the older commercial areas and proposed multi-family residential areas in preparation for anticipated load growth (estimated MPL costs at \$28,000).

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
1130301	\$406,581	\$116,500	\$116,500	\$116,500	\$116,500	\$872,581
Labor	\$91,960					\$91,960
Total	\$498,541	\$116,500	\$116,500	\$116,500	\$116,500	\$964,541

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Power and Light	\$267,640	\$50,000	\$50,000	\$50,000	\$50,000	\$467,640
Aid to Construction	\$230,901	\$66,500	\$66,500	\$66,500	\$66,500	\$496,901
Total	\$498,541	\$116,500	\$116,500	\$116,500	\$116,500	\$964,541

**PROJECT NUMBER:** 11305-09 to 24

**FUND:** Power and Light

**DEPARTMENT:** Power and Light

**PROJECT TITLE:** Conversion and Line Changes

**PROJECT DESCRIPTION:**

- 1130509 Rebuild 0.5 miles of existing overhead three-phase 2 ACSR line in the alleys of the downtown core area to 1/0 AL UG.
- 1130510 Rebuild 1.3 miles of single phase 2ACSR to 1 phase 1/0 AL UG along the Falls City Highway and Fishback Road.
- 1130514 Install 0.5 mile 3-phase 1/0 AL UG west along Jackson Street from Highway 99 to Monmouth Avenue to replace the existing overhead line that is being broken down by excessively heavy communications circuits.
- 1130515 Install 0.4 mile 3-phase 4/0 ACSR line along Powell Street from Highway 99 to Knox Street to replace the existing 4/0 ACSR line.
- 1130519 Install 0.4 mile single-phase 2 AL UG along Main Street from Monmouth Street to the west end of Main Street to replace 2 ACSR overhead line.
- 1130520 Install 0.5 mile of new 1-phase 2 AL UG cable in the northeast sector of Monmouth, which includes Candlewood, North Atwater, Cottonwood and Brightwood Streets to replace the existing 2 ACSR overhead conductors.
- 1130522 Install 0.2 mile 1-phase 2 AL UG along Caroline Street from Sacre Lane to replace existing single-phase 2 AL UG cable.
- 1130524 Replace 4/0 AL UG secondary conductors to multiple apartment complexes in the City.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
1130509	\$8,316	\$9,702	\$9,702	\$9,702	\$9,702	\$47,124
1130510	\$9,009	\$10,395	\$10,395	\$10,395	\$10,395	\$50,589
1130514	\$9,765					\$9,765
1130515	\$12,222					\$12,222
1130519	\$6,174					\$6,174
1130520	\$7,560					\$7,560
1130522	\$5,607					\$5,607
1130524	\$630					\$630
Labor	\$34,817	\$11,803	\$11,803	\$11,803	\$11,803	\$82,029
Total	\$94,100	\$31,900	\$31,900	\$31,900	\$31,900	\$221,700

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Power and Light	\$94,100	\$31,900	\$31,900	\$31,900	\$31,900	\$221,700
Aid to Construction						
Total	\$94,100	\$31,900	\$31,900	\$31,900	\$31,900	\$221,700

**PROJECT NUMBER:** 1130829-30

**FUND:** Power and Light

**DEPARTMENT:** Power and Light

**PROJECT TITLE:** Install Distribution Equipment

**PROJECT DESCRIPTION:**

1130829            Install new transformers and meters to serve new consumers.

1130830            Install facilities for increasing the capacity of existing consumers.

Projects on the table include:

- South Town Apartments – estimated non-labor portion of \$14,666 out of a total project cost estimated at \$140,343.  
(10 triplex units; 12 single family units - 119 units overall).
- Ash Creek Station – plaza estimated \$58,266 out of \$208,350.
- Hoffman Estates Phase I – 30 homes estimated \$46,960 out of \$150,000.
- Edwards Addition Phase IIIV – estimated \$22,600 out of \$52,400.
- Madrona Street Car Wash - estimated \$6,149 out of \$22,500.
- Housing proposed North of Whitesell Rd on Riddell Rd – in excess of \$100,000. There are 28 buildings in all with 373 meters but values are not yet incorporated below since timing is still unknown.

**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
1130829	\$148,642	\$54,000	\$54,000	\$54,000	\$54,000	\$364,642
1130830	\$7,749	\$12,160	\$12,160	\$12,160	\$12,160	\$56,389
Labor	\$91,848					\$91,848
Total	\$248,239	\$66,160	\$66,160	\$66,160	\$66,160	\$512,879

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Power and Light	\$12,300	\$30,660	\$30,660	\$30,660	\$30,660	\$134,940
Aid to Construction	\$235,939	\$35,500	\$35,500	\$35,500	\$35,500	\$377,939
Total	\$248,239	\$66,160	\$66,160	\$66,160	\$66,160	\$512,879

**PROJECT NUMBER:** 1131032

**FUND:** Power and Light

**DEPARTMENT:** Power and Light

**PROJECT TITLE:** Install Capacitors to Improve Power Factor

**PROJECT DESCRIPTION:**

1131032            Install 3, single-phase 100 KVAR electronically controlled shunt capacitor units on each of the Ackerman Feeder, the West Feeder and the East Feeder.



**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
1131032 - Ackerman Feeder		\$10,000				\$10,000
1131032 - West Feeder		\$10,000				\$10,000
1131032 - East Feeder		\$10,000				\$10,000
Total		\$30,000				\$30,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Power and Light		\$30,000				\$30,000
Aid to Construction						
Total		\$30,000				\$30,000

**PROJECT NUMBER:** 1131335-38

**FUND:** Power and Light

**DEPARTMENT:** Power and Light

**PROJECT TITLE:** Miscellaneous Distribution Items

**PROJECT DESCRIPTION:**

1131335 Install 15 pole inserts.

1131336 Balance feeder loading (as new larger loads are added this budget cycle).

1131338 Continue Installing/exchanging LED security lighting.



**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
1131335	\$1,008					\$1,008
1131336	\$630	\$1,000	\$1,000	\$1,000	\$1,000	\$4,630
1131338	\$315					\$315
Labor	\$1,147					\$1,147
Total	\$3,100	\$1,000	\$1,000	\$1,000	\$1,000	\$7,100

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Power and Light	\$2,785	\$1,000	\$1,000	\$1,000	\$1,000	\$6,785
Aid to Construction	\$315					\$315
Total	\$3,100	\$1,000	\$1,000	\$1,000	\$1,000	\$7,100



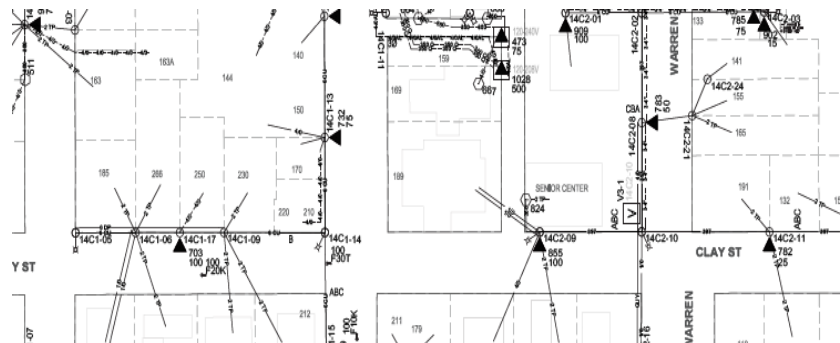
**PROJECT NUMBER:** 1131641

**FUND:** Power and Light

**DEPARTMENT:** Power and Light

**PROJECT TITLE:** Miscellaneous Operational Items

**PROJECT DESCRIPTION:** A detailed computer based mapping and record-keeping system will be developed, and the related data will be placed onto the GIS platform. An updated sectionalizing study will be incorporated into this new mapping system.



**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Sectionalizing Study	\$5,000					\$5,000
PC-Based map and record	\$15,000					\$15,000
<b>Total</b>	<b>\$20,000</b>					<b>\$20,000</b>

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Power and Light	\$20,000	\$0	\$0	\$0	\$0	\$20,000
<b>Total</b>	<b>\$20,000</b>					<b>\$20,000</b>

**PROJECT NUMBER:** 1131701

**FUND:** Power and Light

**DEPARTMENT:** Power and Light

**PROJECT TITLE:** Highway 99 - New Line Construction

**PROJECT DESCRIPTION:** Rerouted portions of existing power line along Highway 99W to accommodate the ODOT highway improvement project. This project includes just north of Gentle Woods Park south to approximately Gwinn Street. Existing overhead lines have been placed underground and many existing underground facilities were relocated per ODOT's request. The majority of the project has been completed (\$558,000), however there remains additional work to finalize.



**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Hwy 99 - Reroute lines	\$4,536					\$4,536
Labor	\$2,664					\$2,664
<b>Total</b>	<b>\$7,200</b>					<b>\$7,200</b>

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Power & Light	\$7,200					\$7,200
<b>Total</b>	<b>\$7,200</b>					<b>\$7,200</b>

**PROJECT NUMBER:** 1131901

**FUND:** Power and Light

**DEPARTMENT:** Power and Light

**PROJECT TITLE:** Update metering equipment

**PROJECT DESCRIPTION:** Update data collectors and begin migration to new meter data collection software, collectors, meters, and necessary equipment, as the City’s vendor has indicated that the existing 2006 meters, collector and software are beyond useful life and will no longer be supported after 2024.



**APPROPRIATIONS**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
New C6500 data collectors	\$185,000					\$185,000
Meters - 1000 per year	\$100,000	\$150,000	\$150,000	\$150,000	\$150,000	\$700,000
Total	\$285,000	\$150,000	\$150,000	\$150,000	\$150,000	\$885,000

**REVENUE**

YEAR	2019-20	2020-21	2021-22	2022-23	2023-24	Total
Power & Light	\$285,000	\$150,000	\$150,000	\$150,000	\$150,000	\$885,000
Total	\$285,000	\$150,000	\$150,000	\$150,000	\$150,000	\$885,000