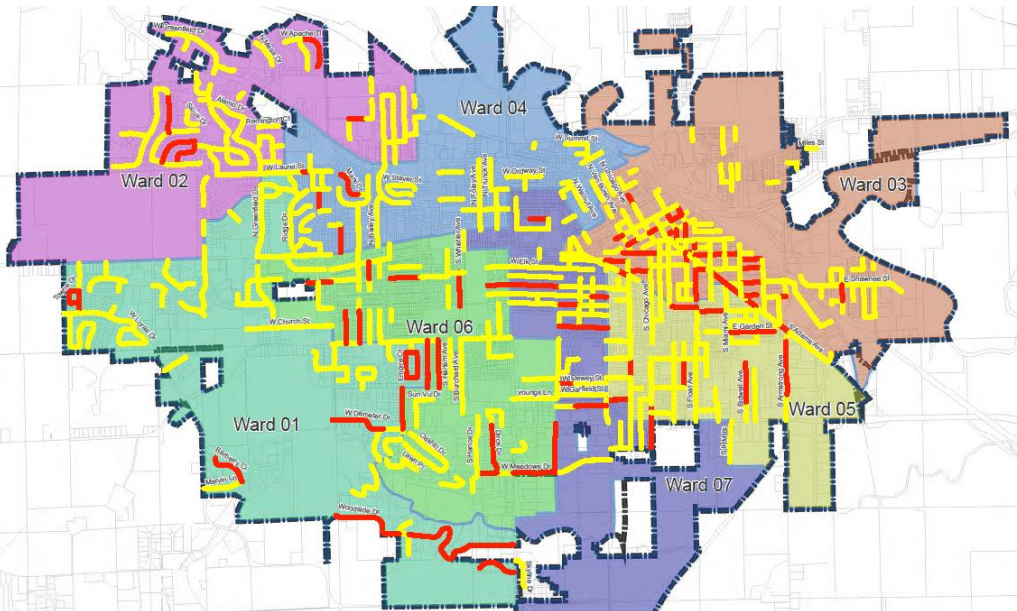


# City of Freeport

Public Works

Capital Improvement Program  
FY2019b-FY2024



# Public Works - Water/Sewer/Storm

<b>Capital Loans for Projects</b>		<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Big 4		540,250	810,456	810,456	810,456	810,456
Phase B		203,016	304,554	304,554	304,554	304,554
Bond Issue 2014A		472,203	708,375	708,375	708,375	708,375
Bond Issue 2014B		155,440	233,183	233,183	233,183	233,183
Joint Bond w/City (Water Portion @5%)		26,991	40,491	40,491	40,491	40,491
Joint Bond w/City (Storm Portion @76%)		615,467	615,467	615,467	615,467	615,467
Phase 1 Water Loan Well/Plant @ Burchard				560,000	560,000	560,000
Phase 2 Water Loan for 2020 WM Projects				160,000	160,000	160,000
Phase 3 Water Loan Well/Plant @ Willow					439,000	439,000
Phase 4 Water Loan for 2021 WM Projects					156,000	156,000
Phase 5 Water Loan for 2022 WM Projects						180,000
Phase 6 Water Loan for 2023 WM Projects						156,000
Phase 7 for Carroll Well/Tank Rehab Projects						
Hancock WWTP Improvements Phase 1					770,000	770,000
Lead Service Line Phase 1			140,000	140,000	140,000	140,000
Lead Service Line Phase 2					140,000	140,000
Lead Service Line Phase 3						
<b>Leases Subtotal</b>		<b>2,013,367</b>	<b>2,852,526</b>	<b>3,572,526</b>	<b>5,077,526</b>	<b>5,413,526</b>

# Public Works - Water/Sewer/Storm

<b>FLEET-EQUIPMENT-LEASED</b>		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Meter Vehicle #1 (Tina)	2023	4,190	6,285	6,285	6,285	6,285
Meter Vehicle #2 (Don)						
Water Plant Vehicle	2023	3,124	4,686	4,686	4,686	4,686
Director's Vehicle	2023	3,602	5,403	5,403	5,403	5,403
TV Truck	2025	45,329	68,000	68,000	68,000	68,000
Sewer Truck Combination #1	2025	38,168	57,258	57,258	57,258	57,258
Sewer Truck Combination #2						
Laboratory Vehicle	2023	3,574	5,362	5,362	5,362	5,362
Construction Truck #1 w/crane 1-Ton	2019	9,400	14,200	14,200	14,200	14,200
Construction Truck #2w/out crane 1-Ton	2019	6,906	10,360	10,360	10,360	10,360
Construction Truck #3 3/4-Ton	2019	6,924	10,400	10,400	10,400	10,400
Construction Truck #4 (JULIE) 3/4-Ton	2023	4,848	7,273	7,273	7,273	7,273
PW Director	2019	4,448	6,672	6,672	6,672	6,672
Plant Maintenance Truck #1 (Foreman)	2019	9,400	14,200	14,200	14,200	14,200
Plant Maintenance Truck #2 (I&C)	2020		7,273	7,273	7,273	7,273
Plant Maintenance Truck #3 (I&C)	2023	4,848	7,273	7,273	7,273	7,273
Plant Maintenance Truck #4 (Util)	2021			5,400	5,400	5,400
Mini-Dump Truck (F-450)	2023	9,102	13,655	13,655	13,655	13,655
5 Yard Dump to Upsize to 10 Yard Dump						
Tandem Dump #1	To Be Reviewed					
Tandem Dump #2	To Be Reviewed					
Mower Regular	2020					
Mower Mini	2020					
Boom Truck						
Excavator JD 135D (Lease)	2019	14,000	28,000	28,000	28,000	28,000
Backhoe Mini JD310 (Lease)	2019	7,000	14,000	14,000	14,000	14,000
Towable Compressor (Purchase)	2019	25,000				
Excavator Trailer (Purchase)	2019	30,000				
Towable Pump (Purchase)	2019	30,000				
<b>Leases Subtotal</b>		<b>259,863</b>	<b>280,300</b>	<b>285,700</b>	<b>285,700</b>	<b>285,700</b>

# Public Works - Water/Sewer/Storm

<b><i>WATERMAIN REPLACEMENT</i></b>		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
LOCATION	Feet					
Float Street (Carryover & New Segment)	6000	1,304,250				
Demeter Bridge Segment			320,000	320,000		
South Street at Lincoln Drive	230		Phase 2			
Sylvan Court at Lawn Place & Lawn Court	750					
Kiwanis Drive at Highland View	200					
Meadow Drive #1	300					
Meadow Drive #2	1150					
Cleveland Avenue #1	1500					
Cleveland Avenue #2	1400					
Monroe Drive	700					
Jefferson	700					
Adams Street	5500				Phase 4	
Clinton Place and Clinton Street	1500					
Stephenson Street	7100				Phase 5	
Laurel	1400					Phase 6
Park	3400					
Waddell	2000					
Santa Fe	600					
Palmer	930					
Water Main Replacement	16000					
<b>Watermains Subtotal</b>		<b>1,304,250</b>	<b>320,000</b>	<b>320,000</b>	<b>0</b>	<b>0</b>

<b><i>Lead Service Line Replacement</i></b>		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Phase 1		Construction				
Phase 2				Construction		
Phase 3						Construction
Phase 4						
Phase 5						
Phase 6						

# Public Works - Water/Sewer/Storm

<b>WATER STRUCTURES</b>		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
<b>Raw Water Well</b>						
Test Wells (Carryover)		35,000				
Burchard Production Well		Phase 1				
Willow Production Well		Phase 3				
Capping of Wells #5 & #7					35,000	
<b>Treatment Facility</b>						
Burchard Dualator Plant		Phase 1				
Willow Dualator Plant			Phase 3			
Carroll (Well #8) Improvements						Phase 7
Abandonment of Brick Street Plant						Phase 7
<b>Storage Tanks</b>						
Willow Tank Modifications and Coating		Phase 3				
Carroll Avenue Tank Coating						Phase 7
<b>Reservoirs Subtotal</b>		<b>35,000</b>	<b>0</b>	<b>0</b>	<b>35,000</b>	<b>0</b>

<b>Fire Hydrant Painting</b>		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
		55,000	55,000	55,000		

<b>SANITARY</b>		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
<b>Forcemain Replacement</b>						
Design				75,000	75,000	
Construction:						
	Lynn Street				750,000	
	Laurel					750,000
<b>Sanitary Sewer/Forcemain Replace</b>		<b>0</b>	<b>0</b>	<b>75,000</b>	<b>825,000</b>	<b>750,000</b>

# Public Works - Water/Sewer/Storm

<b>SCADA (Systemwide)</b>		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
SCADA Improvements						
Design Engineering		5,000	5,000	5,000	5,000	5,000
Construction		50,000	300,000	45,000	45,000	45,000
<b>SCADA Subtotal</b>		<b>55,000</b>	<b>305,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>

<b>Hancock Street Facility</b>		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Digester Cleaning		250,000				
Hancock Street Rehabilitation		Design	Construct	Put in Service	Service Loan	Service Loan
<b>Hancock Street Facility Subtotal</b>		<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<b>Sanitary Sewer</b>		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Adams Street	5500			1,321,875		
Float (Carryover & New Segment)	6000	1,442,050				
Lining		150,000	150,000	150,000	150,000	150,000
Manhole Rehabilitation		50,000	50,000	50,000	50,000	50,000
<b>Sanitary Subtotal</b>		<b>1,642,050</b>	<b>200,000</b>	<b>1,521,875</b>	<b>200,000</b>	<b>200,000</b>

<b>Storm Sewers</b>		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
10 Low-Level Projects		50,000				
7 Mid-Level Projects		100,000				
3 Critical Projects			250,000	500,000	500,000	500,000
<b>Storm Subtotal</b>		<b>150,000</b>	<b>250,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>

<b>TOTAL - WATER/SEWER/STORM</b>		<b>5,764,530</b>	<b>4,262,826</b>	<b>6,380,101</b>	<b>6,973,226</b>	<b>7,199,226</b>
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# Public Works - Streets/Forestry

<b>Maintenance Contracts</b>		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Street Materials Contract		\$ 140,000.00	\$ 140,000.00	\$ 140,000.00	\$ 140,000.00	\$ 140,000.00
Chip Seals		\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
<b>Maintenance Subtotal</b>		<b>\$ 160,000.00</b>	<b>\$ 160,000.00</b>	<b>\$ 160,000.00</b>	<b>\$ 160,000.00</b>	<b>\$ 160,000.00</b>
<b>Fleet-Equipment-Lease</b>	Lease Yr	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Street Sweeper	2023	\$ 33,459.00	\$ 33,459.00	\$ 33,459.00	\$ 33,459.00	\$ 33,459.00
JD Mowers (City/Cemetery)	2023	\$ 3,879.00	\$ 3,879.00	\$ 3,879.00	\$ 3,879.00	\$ 3,879.00
Nuisance Truck	2023	\$ 3,687.36	\$ 5,531.04	\$ 5,531.04	\$ 5,531.04	\$ 5,531.04
Airport Truck	2023	\$ 3,819.12	\$ 5,728.68	\$ 5,728.68	\$ 5,728.68	\$ 5,728.68
Mowing Truck	2023	\$ 3,477.52	\$ 5,216.28	\$ 5,216.28	\$ 5,216.28	\$ 5,216.28
Paint Truck	2023	\$ 3,477.52	\$ 5,216.28	\$ 5,216.28	\$ 5,216.28	\$ 5,216.28
1-Ton Dump Plow	2023	\$ 8,863.92	\$ 13,295.88	\$ 13,295.88	\$ 13,295.88	\$ 13,295.88
1-Ton Dump Plow	2023	\$ 9,056.72	\$ 13,585.08	\$ 13,585.08	\$ 13,585.08	\$ 13,585.08
Colorado	2023	\$ 3,845.44	\$ 5,768.16	\$ 5,768.16	\$ 5,768.16	\$ 5,768.16
Tool	2023	\$ 3,144.88	\$ 4,717.32	\$ 4,717.32	\$ 4,717.32	\$ 4,717.32
Street Foreman	2023	\$ 9,455.16	\$ 9,455.16	\$ 9,455.16	\$ 9,455.16	\$ 9,455.16
Code Enf. Super.	2019	\$ 3,480.00	\$ 5,220.00	\$ 5,220.00	\$ 5,220.00	\$ 5,220.00
Animal Control	2020		\$ 6,240.00	\$ 6,240.00	\$ 6,240.00	\$ 6,240.00
1-Ton Dump Plow - Cemetery	2021			\$ 13,512.00	\$ 13,512.00	\$ 13,512.00
1-Ton Dump Plow - Forestry	2021			\$ 13,512.00	\$ 13,512.00	\$ 13,512.00
Forestry Foreman	2021			\$ 5,220.00	\$ 5,220.00	\$ 5,220.00
Senior Street Maintenance	2022				\$ 7,800.00	\$ 7,800.00
Senior Street Maintenance	2022				\$ 7,800.00	\$ 7,800.00
Building Ins.	2022				\$ 5,220.00	\$ 5,220.00
JD Mowers (Airport/City)		\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00
Hooklift Truck w/ Leaf Box		\$ 32,000.00	\$ 48,000.00	\$ 48,000.00	\$ 48,000.00	\$ 48,000.00
PatchBox		\$ 7,000.00				
UTV Snowblower		\$ 10,000.00				
Brush Cutter Attachment			\$ 10,000.00			
Paint Machine			\$ 20,000.00			
Hooklift Truck w/ Leaf Box			\$ 48,000.00	\$ 48,000.00	\$ 48,000.00	\$ 48,000.00
Tandem Hooklift Truck w/ Grapple				\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
5 Yd Truck					\$ 30,000.00	\$ 30,000.00
Towable Leaf Vacuum						\$ 25,000.00
Tandem Plow						\$ 35,000.00
<b>Equipment Subtotal</b>		<b>\$ 142,895.64</b>	<b>\$ 247,561.88</b>	<b>\$ 349,805.88</b>	<b>\$ 400,625.88</b>	<b>\$ 460,625.88</b>

# Public Works - Streets/Forestry

Projects		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Pecatonica Prairie Trail (Tutty-US 20 Bypass)		\$ 2,000,000.00				
Float Street Surfacing		\$ 95,000.00				
Fields of Freeport Roadway		\$ 150,000.00				
Arts Plaza		\$ 40,000.00				
Woodside Drive		\$ 250,000.00				
Wildoats, Wheatland, Country		\$ 550,000.00				
Gladewood Bridge			\$ 3,000,000.00			
Meadows, Dirk, Rosentiel			\$ 1,080,000.00			
Hancock Bridge (Eng 2022)				\$ 190,000.00		\$ 3,126,600.00
Adams Street Recon (Eng 2019+2020)		\$ 50,000.00	\$ 150,000.00	\$ 1,700,000.00	\$ 1,700,000.00	
S. Demeter Drive						
<b>Projects Subtotal</b>		<b>\$ 3,135,000.00</b>	<b>\$ 4,230,000.00</b>	<b>\$ 1,890,000.00</b>	<b>\$ 1,700,000.00</b>	<b>\$ 3,126,600.00</b>

Buildings		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Gas Pump System		\$ 35,000.00				
Heat, Insulate, Roof Work Bldg B		\$ 25,000.00				
Cemetery Bldg Roof			\$ 15,000.00			
Loader Bldg Roof			\$ 15,000.00			
<b>Buildings Subtotal</b>		<b>\$ 60,000.00</b>	<b>\$ 30,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

<b>Streets/Forestry Total</b>		<b>\$ 3,497,895.64</b>	<b>\$ 4,667,561.88</b>	<b>\$ 2,399,805.88</b>	<b>\$ 2,260,625.88</b>	<b>\$ 3,747,225.88</b>
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		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Total MFT		\$ 438,333.33	\$ 910,000.00	\$ 250,000.00	\$ 1,470,000.00	\$ 785,320.00
Total STU				\$ 1,800,000.00	\$ 390,000.00	
County/Park District Funds		\$ 266,666.67				
Total ITEP Funds		\$ 1,600,000.00				
Total Special Bridge Funds			\$ 2,400,000.00			
Total Major Bridge Funds						\$2,501,280
Total Infrastructure Capital Funds		\$ 800,000.00	\$1,080,000			
Other Funds		\$ 392,895.64	\$ 277,561.88	\$ 349,805.88	\$ 400,625.88	\$ 460,625.88
<b>Street/Forestry Totals</b>		<b>\$ 3,497,895.64</b>	<b>\$ 4,667,561.88</b>	<b>\$ 2,399,805.88</b>	<b>\$ 2,260,625.88</b>	<b>\$ 3,747,225.88</b>



