

**TOWN OF LAKE PARK
ENGINEER'S OPINION OF PROBABLE COST
GRAVITY SEWER SYSTEM
JOB NO. 18187.27
October 2023
Total Estimated Cost of Project**



Grand Total (Public)	\$ 2,440,118.50
Grand Total (Private)	\$ 3,370,653.25
Grand Total Estimated Cost	\$ 5,810,771.75

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 Publicly Owned



Section 1: Tri-City Industrial Park (South)

Item/Description		Quantity	Unit	Unit Cost	Total Amount
Miller Way					
1	8" PVC Gravity Sewer Main	520	LF	\$ 130.00	\$ 67,600.00
2	4' Diameter Sanitary Sewer Manhole	3	EA	\$ 8,500.00	\$ 25,500.00
3	Cleanout	9	LS	\$ 2,000.00	\$ 18,000.00
4	6" PVC Gravity Service Lateral	289	LF	\$ 90.00	\$ 26,010.00
5	Miscellaneous Restoration	1	LS	\$ 5,000.00	\$ 5,000.00
6	Roadway Restoration	498	SY	\$ 75.00	\$ 37,350.00
7	Sod Restoration	31	SY	\$ 10.00	\$ 310.00
8	Concrete Driveway/Sidewalk Restoration	52	SY	\$ 75.00	\$ 3,900.00

Subtotal \$ 183,670.00

Reed Road					
1	3" PVC Low Pressure Force Main	501	LF	\$ 60.00	\$ 30,060.00
2	8" PVC Gravity Sewer Main	563	LF	\$ 130.00	\$ 73,190.00
3	4' Diameter Sanitary Sewer Manhole	1	EA	\$ 8,500.00	\$ 8,500.00
4	Cleanout	6	LS	\$ 2,000.00	\$ 12,000.00
5	6" PVC Gravity Service Lateral	191	LF	\$ 90.00	\$ 17,190.00
6	Miscellaneous Restoration	1	LS	\$ 5,000.00	\$ 5,000.00
7	Roadway Restoration	450	SY	\$ 75.00	\$ 33,750.00
8	Sod Restoration	155	SY	\$ 10.00	\$ 1,550.00
9	Concrete Driveway/Sidewalk Restoration	88	SY	\$ 75.00	\$ 6,600.00
10	Connection to Existing Force Main	1	EA	\$ 2,000.00	\$ 2,000.00

Subtotal \$ 189,840.00

Newman Road					
1	3" PVC Low Pressure Force Main	57	LF	\$ 60.00	\$ 3,420.00
2	8" PVC Gravity Sewer Main	443	LF	\$ 130.00	\$ 57,590.00
3	4' Diameter Sanitary Sewer Manhole	4	EA	\$ 8,500.00	\$ 34,000.00
4	Cleanout	4	LS	\$ 2,000.00	\$ 8,000.00
5	6" PVC Gravity Service Lateral	390	LF	\$ 90.00	\$ 35,100.00
6	Miscellaneous Restoration	1	LS	\$ 5,000.00	\$ 5,000.00
7	Roadway Restoration	514	SY	\$ 75.00	\$ 38,550.00
8	Sod Restoration	24	SY	\$ 10.00	\$ 240.00
9	Concrete/Asphalt Driveway/Sidewalk Restoration	22	SY	\$ 75.00	\$ 1,650.00

Subtotal \$ 183,550.00

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Section 1: Tri-City Industrial Park (South)

Brant Road						
1	3" PVC Low Pressure Force Main	401	LF	\$ 60.00	\$	24,060.00
2	8" PVC Gravity Sewer Main	446	LF	\$ 130.00	\$	57,980.00
3	4' Diameter Sanitary Sewer Manhole	2	EA	\$ 8,500.00	\$	17,000.00
4	Cleanout	9	LS	\$ 2,000.00	\$	18,000.00
5	6" PVC Gravity Service Lateral	374	LF	\$ 90.00	\$	33,660.00
6	Miscellaneous Restoration	1	LS	\$ 5,000.00	\$	5,000.00
7	Roadway Restoration	559	SY	\$ 75.00	\$	41,925.00
8	Concrete/Asphalt Driveway/Sidewalk Restoration	181	SY	\$ 75.00	\$	13,575.00
9	Sod Restoration	288	SY	\$ 10.00	\$	2,880.00
10	Duplex Lift Station	1	LS	\$ 500,000.00	\$	500,000.00

Subtotal \$ 714,080.00

Silver Beach Road						
1	8" PVC Gravity Sewer Main	182	LF	\$ 130.00	\$	23,660.00
2	4' Diameter Sanitary Sewer Manhole	2	EA	\$ 8,500.00	\$	17,000.00
3	Cleanout & Main Line Valve	3	LS	\$ 2,000.00	\$	6,000.00
4	6" PVC Gravity Service Lateral	59	LF	\$ 90.00	\$	5,310.00
5	Miscellaneous Restoration	1	LS	\$ 5,000.00	\$	5,000.00
6	Roadway Restoration	246	SY	\$ 75.00	\$	18,450.00
7	Concrete Sidewalk Restoration	40	SY	\$ 75.00	\$	3,000.00
8	Sod Restoration	5	SY	\$ 10.00	\$	50.00
9	Connection to Existing Force Main	4	EA	\$ 2,000.00	\$	8,000.00

Subtotal \$ 86,470.00

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Section 2: Town of Lake Park Public Works (Central)

	Item/Description	Quantity	Unit	Unit Cost	Total Amount
1	2" PVC Low Pressure Force Main	1378	LF	\$ 45.00	\$ 62,010.00
2	Main Line Valve	5	LS	\$ 2,000.00	\$ 10,000.00
3	Miscellaneous Restoration	1	LS	\$ 5,000.00	\$ 5,000.00
4	Sod/Dirt Road Restoration	954	SY	\$ 10.00	\$ 9,540.00
5	Roadway Restoration	96	SY	\$ 75.00	\$ 7,200.00
6	Concrete Driveway/Sidewalk Restoration	250	SY	\$ 75.00	\$ 18,750.00
7	Connection to Existing Sewer	1	EA	\$ 2,000.00	\$ 2,000.00

Subtotal \$ 114,500.00

Section 3: Water Tower Road & North of Water Tower Road (North)

	Item/Description	Quantity	Unit	Unit Cost	Total Amount
1	2" PVC Low Pressure Force Main	642	LF	\$ 45.00	\$ 28,890.00
2	Main Line Valve	3	LS	\$ 2,000.00	\$ 6,000.00
3	6" PVC Gravity Service Lateral	85	LF	\$ 90.00	\$ 7,650.00
4	Miscellaneous Restoration	1	LS	\$ 5,000.00	\$ 5,000.00
5	Sod/Dirt Road Restoration	867	SY	\$ 10.00	\$ 8,670.00
6	Roadway Restoration	540	SY	\$ 75.00	\$ 40,500.00
7	Concrete Sidewalk/Curb Restoration	46	SY	\$ 75.00	\$ 3,450.00
8	Connection to Existing Sewer	1	EA	\$ 2,000.00	\$ 2,000.00

Subtotal \$ 102,160.00

Total \$ 1,574,270.00

Mobilization, Demobilization, MOT, Bonds & Insurance (10%)	1	LS	\$ 157,427.00
Contingency (25%)	1	LS	\$ 393,567.50
Legal, Engineering, Administration (20%)	1	LS	\$ 314,854.00

Grand Total (Public) \$ 2,440,118.50

TOWN OF LAKE PARK
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Section 1: Tri-City Industrial Park (South)

Item/Description		Quantity	Unit	Unit Cost	Total Amount
Miller Way					
1	Asphalt/Concrete Driveway Restoration	333	SY	\$ 75.00	\$ 24,975.00
2	Cleanout & Main Line Valve	5	LS	\$ 2,000.00	\$ 10,000.00
3	6" PVC Gravity Service Lateral	539	LF	\$ 90.00	\$ 48,510.00
4	Miscellaneous Restoration	1	LS	\$ 5,000.00	\$ 5,000.00

Subtotal \$ 88,485.00

Reed Road					
1	Asphalt/Concrete Driveway Restoration	110	SY	\$ 75.00	\$ 8,250.00
2	Sod Restoration	11	SY	\$ 10.00	\$ 110.00
3	Cleanout & Main Line Valve	2	LS	\$ 2,000.00	\$ 4,000.00
4	6" PVC Gravity Service Lateral	89	LF	\$ 90.00	\$ 8,010.00
5	Miscellaneous Restoration	1	LS	\$ 5,000.00	\$ 5,000.00

Subtotal \$ 25,370.00

Newman Road					
1	Asphalt/Concrete Driveway Restoration	333	SY	\$ 75.00	\$ 24,975.00
2	Cleanout & Main Line Valve	2	LS	\$ 2,000.00	\$ 4,000.00
3	6" PVC Gravity Service Lateral	263	LF	\$ 90.00	\$ 23,670.00
4	Miscellaneous Restoration	1	LS	\$ 5,000.00	\$ 5,000.00

Subtotal \$ 57,645.00

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Section 1: Tri-City Industrial Park (South)

Brant Road					
1	Cleanout & Main Line Valve	6	LS	\$ 2,000.00	\$ 12,000.00
2	6" PVC Gravity Service Lateral	296	LF	\$ 90.00	\$ 26,640.00
3	Miscellaneous Restoration	1	LS	\$ 5,000.00	\$ 5,000.00
4	Driveway/Asphalt Restoration	251	SY	\$ 75.00	\$ 18,825.00
5	Sod Restoration	12	SY	\$ 10.00	\$ 120.00
6	Electrical Service Connection	1	LS	\$ 5,000.00	\$ 5,000.00
7	Water connection for Hose Bib	1	LS	\$ 4,000.00	\$ 4,000.00

Subtotal \$ 71,585.00

Silver Beach Road					
1	2" PVC Low Pressure Force Main	14	LF	\$ 45.00	\$ 630.00
2	Cleanout & Main Line Valve	4	LS	\$ 2,000.00	\$ 8,000.00
3	Miscellaneous Restoration	1	LS	\$ 5,000.00	\$ 5,000.00
4	Driveway/Asphalt Restoration	121	SY	\$ 75.00	\$ 9,075.00
8	Sod Restoration	27	SY	\$ 10.00	\$ 270.00
5	Grinder Lift Station	4	LS	\$ 60,000.00	\$ 240,000.00
6	Oil Interceptor	2	LS	\$ 6,000.00	\$ 12,000.00
7	Electrical Service Connection	4	LS	\$ 5,000.00	\$ 20,000.00
8	Water connection for Hose Bib	4	LS	\$ 4,000.00	\$ 16,000.00

Subtotal \$ 310,975.00

Septic Tanks (Section 1 - South)					
1	Abandon Septic Tank (Assuming each building has one)	29	EA	\$ 3,500.00	\$ 101,500.00

Subtotal \$ 101,500.00

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Section 2: Town of Lake Park Public Works (Central)

	Item/Description	Quantity	Unit	Unit Cost	Total Amount
1	2" PVC Low Pressure Force Main	1453	LF	\$ 45.00	\$ 65,385.00
2	Cleanout & Main Line Valve	6	LS	\$ 2,000.00	\$ 12,000.00
3	6" PVC Gravity Service Lateral	85	LF	\$ 90.00	\$ 7,650.00
4	Miscellaneous Restoration	1	LS	\$ 5,000.00	\$ 5,000.00
5	Sod/Dirt Road Restoration	1683	SY	\$ 10.00	\$ 16,830.00
6	Concrete/Asphalt Driveway/Sidewalk Restoration	483	SY	\$ 75.00	\$ 36,225.00
7	Grinder Lift Station	6	LS	\$ 60,000.00	\$ 360,000.00
8	Oil Interceptor	2	LS	\$ 6,000.00	\$ 12,000.00
9	Electrical Service Connection	6	LS	\$ 5,000.00	\$ 30,000.00
10	Water connection for Hose Bib	6	LS	\$ 4,000.00	\$ 24,000.00

Subtotal \$ 569,090.00

Septic Tanks (Section 2 - Central)

1	Abandon Septic Tank (Assuming each building has one)	6	EA	\$ 3,500.00	\$ 21,000.00
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Subtotal \$ 21,000.00

Section 3: Water Tower Road & North of Water Tower Road (North)

	Item/Description	Quantity	Unit	Unit Cost	Total Amount
1	2" PVC Low Pressure Force Main	1145	LF	\$ 45.00	\$ 51,525.00
2	Cleanout & Main Line Valve	6	LS	\$ 2,000.00	\$ 12,000.00
3	6" PVC Gravity Service Lateral	56	LF	\$ 90.00	\$ 5,040.00
4	Miscellaneous Restoration	1	LS	\$ 5,000.00	\$ 5,000.00
5	Sod/Dirt Road Restoration	745	SY	\$ 10.00	\$ 7,450.00
6	Concrete/Asphalt Driveway/Sidewalk Restoration	726	SY	\$ 75.00	\$ 54,450.00
7	Grinder Lift Station	7	LS	\$ 100,000.00	\$ 700,000.00
8	Oil Interceptor	1	LS	\$ 6,000.00	\$ 6,000.00
9	Electrical Service Connection	7	LS	\$ 5,000.00	\$ 35,000.00
10	Water connection for Hose Bib	7	LS	\$ 4,000.00	\$ 28,000.00

Subtotal \$ 904,465.00

Septic Tanks (Section 3 - North)

1	Abandon Septic Tank (Assuming each building has one)	7	EA	\$ 3,500.00	\$ 24,500.00
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Subtotal \$ 24,500.00

Total \$ 2,174,615.00

Mobilization, Demobilization, MOT, Bonds & Insurance (10%) 1 LS \$ 217,461.50

Contingency (25%) 1 LS \$ 543,653.75

Legal, Engineering, Administration (20%) 1 LS \$ 434,923.00

Grand Total (Private) \$ 3,370,653.25