

Emergency Repair of of the 72-inch Grit Chamber Effluent Pipe

ESSD Project No. 9226



Description of Pipe Failure and Emergency Response

- On December 15, 2022, the Department of Public Utilities staff noticed that the 48-inch sewer gravity pipe started surcharging.
- On December 16, 2022, the Department prepared bid table to replace the 500 feet of damaged 48-inch pipe.
- On December 19, 2022, the Department received three bids:



Contract Value

item	Tasks	Amount
1	Bypass System	\$171,410.00
2	Dewatering	\$65,000.00
3	PCCP Pipe Replacement	\$2,494,400.00
4	Misc Items (Mob, Demob, MOT, Restoration, Electric Work, etc.)	\$477,510.00
5	RCP Pipe Replacement (Alternate Bid Item)	\$524,800.00
6	Contingency	\$350,000.00
	Total	\$4,083,120.00

* Bid Table includes 21 unit prices reflecting more detailed subtasks.

Progress

- On January 9, 2023, the City Manager approved emergency repair
- On February 1st, 2023, Lanzo Construction Company mobilized.

Contractor

Base Bid Total

1) Lanzo Construction Company	\$4,083,120.00
2) Man-Con Incorporated	\$4,167,308.44
3) Ric-Man International	\$6,450,715.95



Visual Progress of Work



Installing dewatering well point system



Excavation



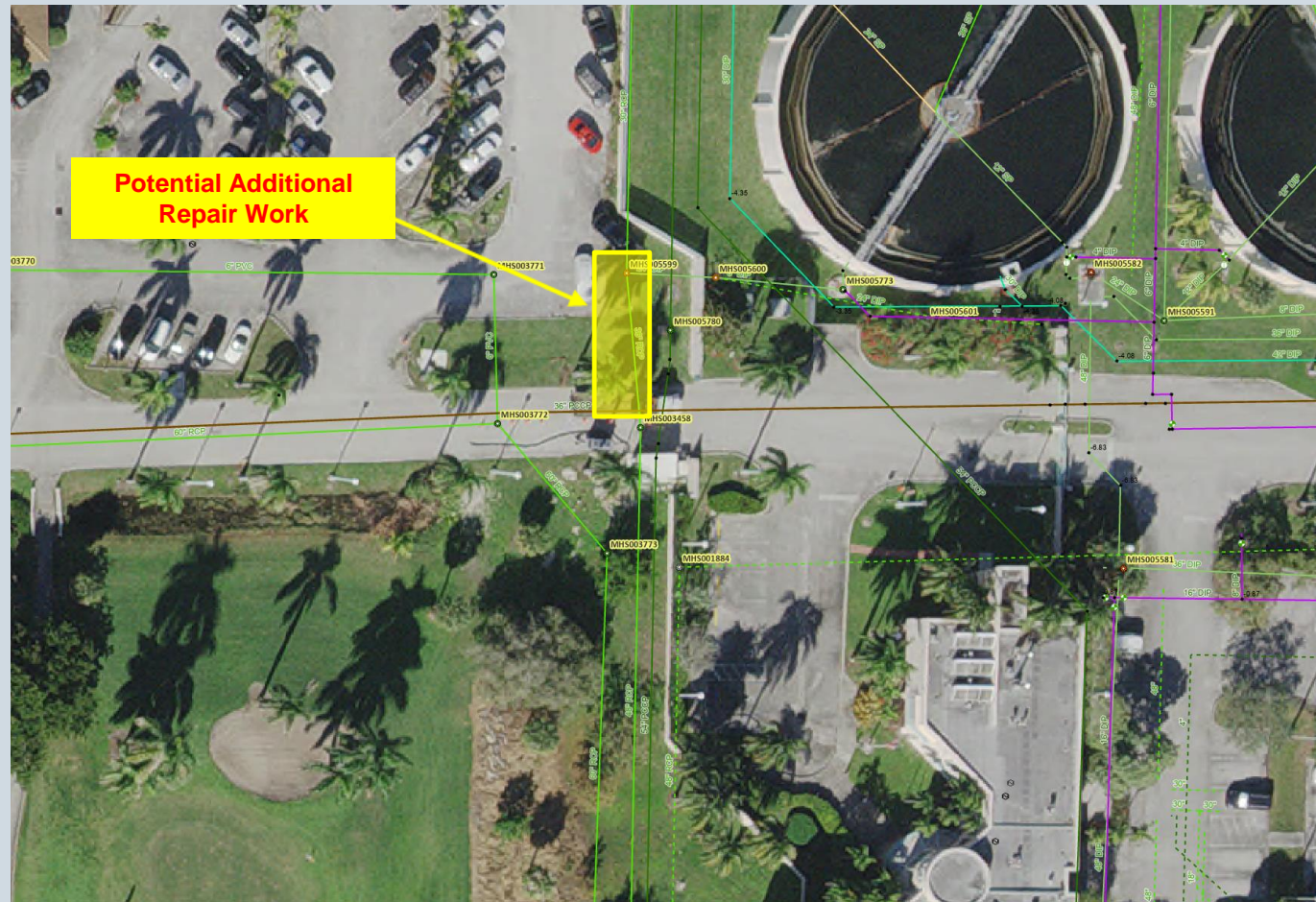
Removal of the broken pipe



New RCP with protective coating

Potential Additional Work

- **Public Utilities is determining the condition of the upstream manhole and 36-inch pipe. We may return for a change order.**



Thank you