

# TOWN OF PARADISE VALLEY

## **Locating Missing Manholes**



#### PRESENTATION'S HIGHLIGHTS

Previous Locating Efforts

Proposed Phase II

Cost VS Budget

**Recommended Council Action** 

**Project Timeline** 



#### MISSING MANHOLES

In October 2024, staff became aware of missing manholes that had not been located during the Town's sanitary sewer assessment completed in 2021.

In December 2024, staff received an updated report confirming that 129 manholes remain unaccounted for within the Town.



#### PREVIOUS LOCATING EFFORTS

- Staff conducted field search and successfully located 55 MH.
- Remaining MH required specialized equipment to locate.
- In May 2025, the Town retained Michael Baker International to conduct a more detailed search. The work was divided into two phases.
- Phase One utilized GPR and metal detectors to locate as many MH as possible. Concluded in June 2025, with 25 MH located.



#### PROPOSED PHASE II

Phase Two will employ more advanced technologies to locate the remaining 49 missing manholes.

Use robotic crawlers with sounder & camera

Mark & expose found manholes

Update manhole locations in Town's GIS\*



### PHOTOS OF TOOLS







#### PROJECT'S COST VS BUDGET

The Town's FY26 CIP budget includes \$150,000 for Sanitary Sewer Assessment. The current estimated cost to complete this task is \$101,163.



#### **PROJECT TIMELINE**

Task	Date
Contract approval (*)	November 2025
Notice to proceed	December 2025
Anticipated start	January 2026
Estimated duration	60 days

(\*) Council action



#### RECOMMENDED COUNCIL ACTION

Authorize Town Manager to execute contract No. CON-26-018-ENG with Michael Baker International in the amount not-to-exceed \$101,163.00 for phase II of Sanitary Sewer Manhole Locating Services.

