



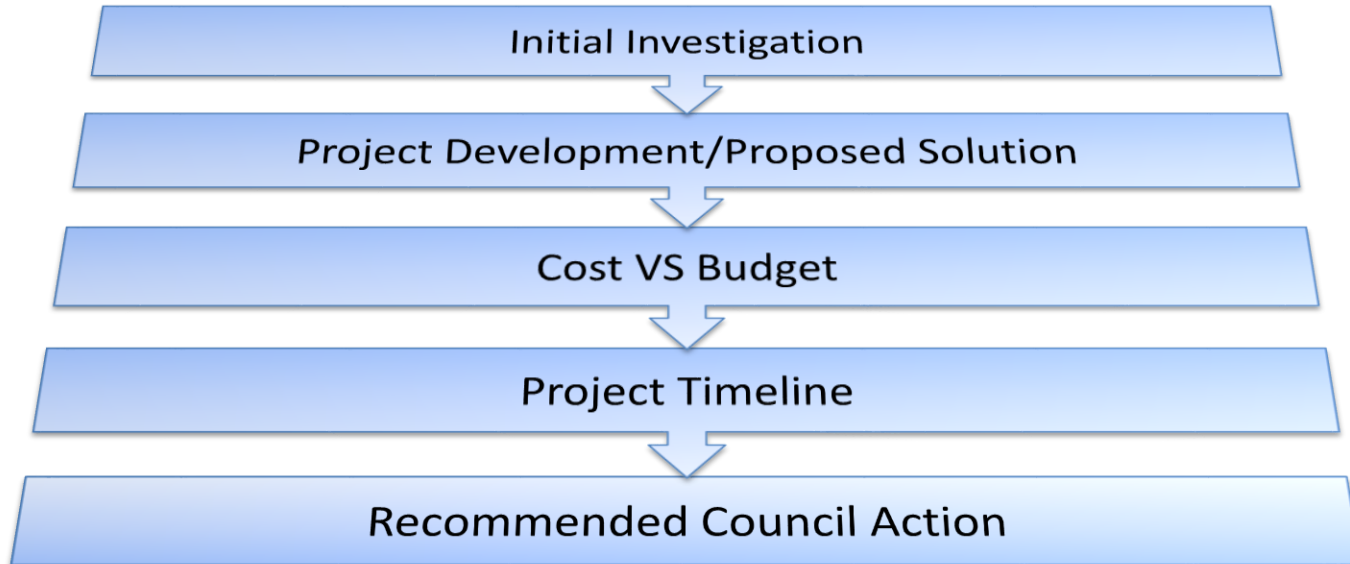
# TOWN OF PARADISE VALLEY

## 40<sup>th</sup> Street Washout Repairs

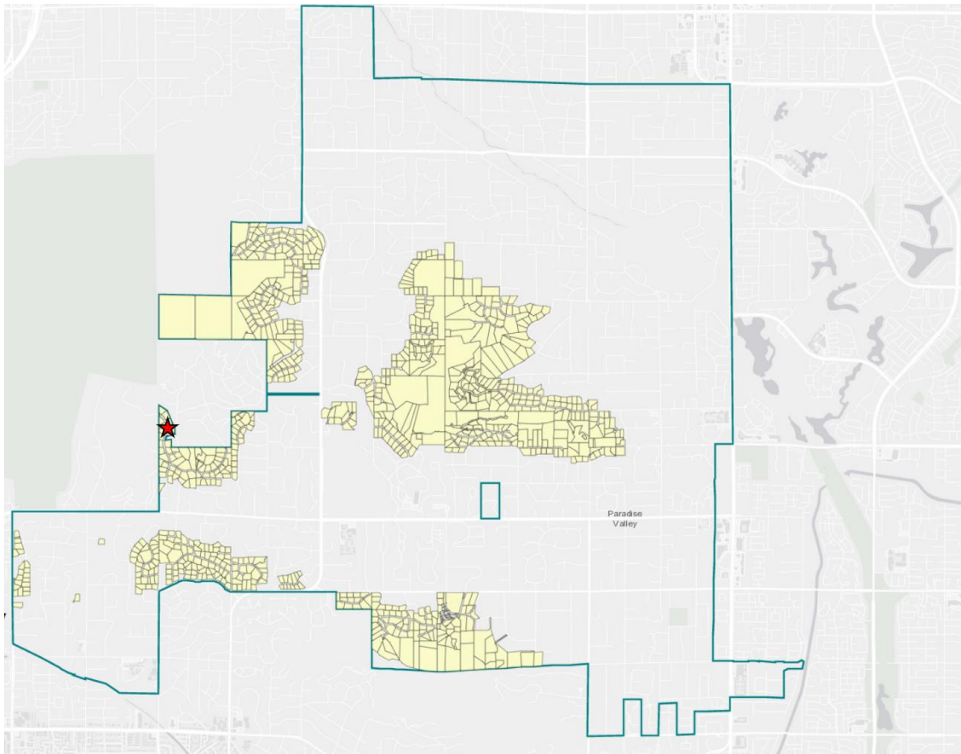
May 14, 2026

# PRESENTATION'S HIGHLIGHTS

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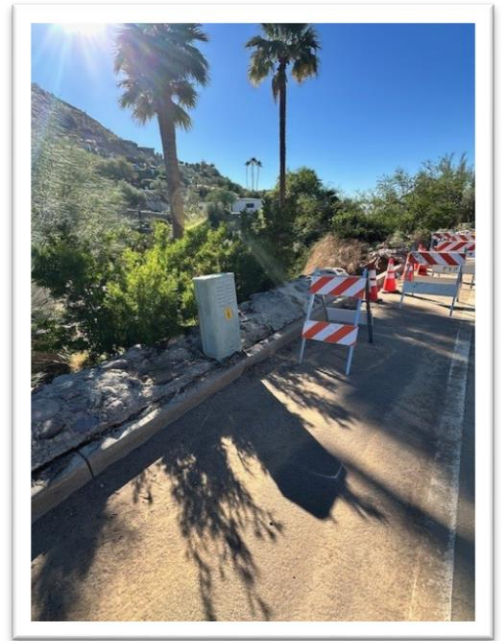


# PROJECT LOCATION



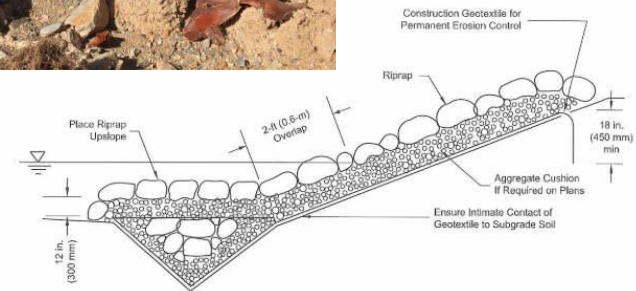
# INITIAL INVESTIGATION

- In October 2025, staff became aware of the undermining and embankment washout at the southeast corner of 40<sup>th</sup> Street and Clearwater Parkway.
  - Site reviews and investigations conducted by Town staff.
  - Further engineering study/design required.



# GEOTECHNICAL INVESTIGATION AND STUDY

- In November 2025, CMT Services selected from the Consultant On-Call List to assist staff and to perform geotechnical and design investigations; material sampling/testing.
  - Proposed Slope Erosion Control:** A new slope surface shall be protected with permanent erosion control geotextile meeting the requirements for AASHTO and MAG.
  - Recommended further civil design development by others



# DESIGN-BUILD-BID PROCESS

- December 2025: Caliente Construction, Inc. selected through 1GPA cooperative linking agreement/Job-Order Contracting (JOC) to perform design/build services.
- NTP issued on February 5, 2026
- March 5, 2026: 90% design plans submitted for staff review.
- April 17, 2026: 100%/Final Design and Construction bid proposals were submitted to engineering staff for review/approval.
- Final GMP received and accepted on April 30, 2026, in the amount of **\$404,995.47**



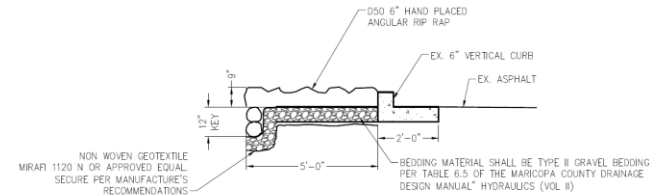
# PROPOSED SOLUTION

In collaboration with the geotechnical engineering services, the civil design team and engineering staff, the proposed solution is to replace the existing grouted and mounded river rock with a rip-rap reinforced shoulder with an engineered fill embankment, lined with rip-rap for water dissipation and erosion control.

## Existing Grouted Rip-Rap



## Proposed Reinforced Rip-Rap



# PROJECT'S COST VS BUDGET

The Town's FY26 CIP budget includes \$250,000 for Miscellaneous Drainage Projects. The current estimated cost to complete this task is **\$404,995.47**. The budget shortfall would be addressed using the CIP contingency fund.



# PROJECT TIMELINE

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Task	Date
Contract approval (*)	May 2026
Notice to proceed	June 2026
Anticipated start	June 2026
Estimated duration	60 days

(\*) Council action



# RECOMMENDED COUNCIL ACTION

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Authorize Town Manager to execute contract No. CON-26-059-ENG with Caliente Construction Inc. in the amount not-to-exceed \$404,995.47 for emergency embankment and erosion repair.



Thank You

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Questions?

