



Bullard Wash Tailwater Management

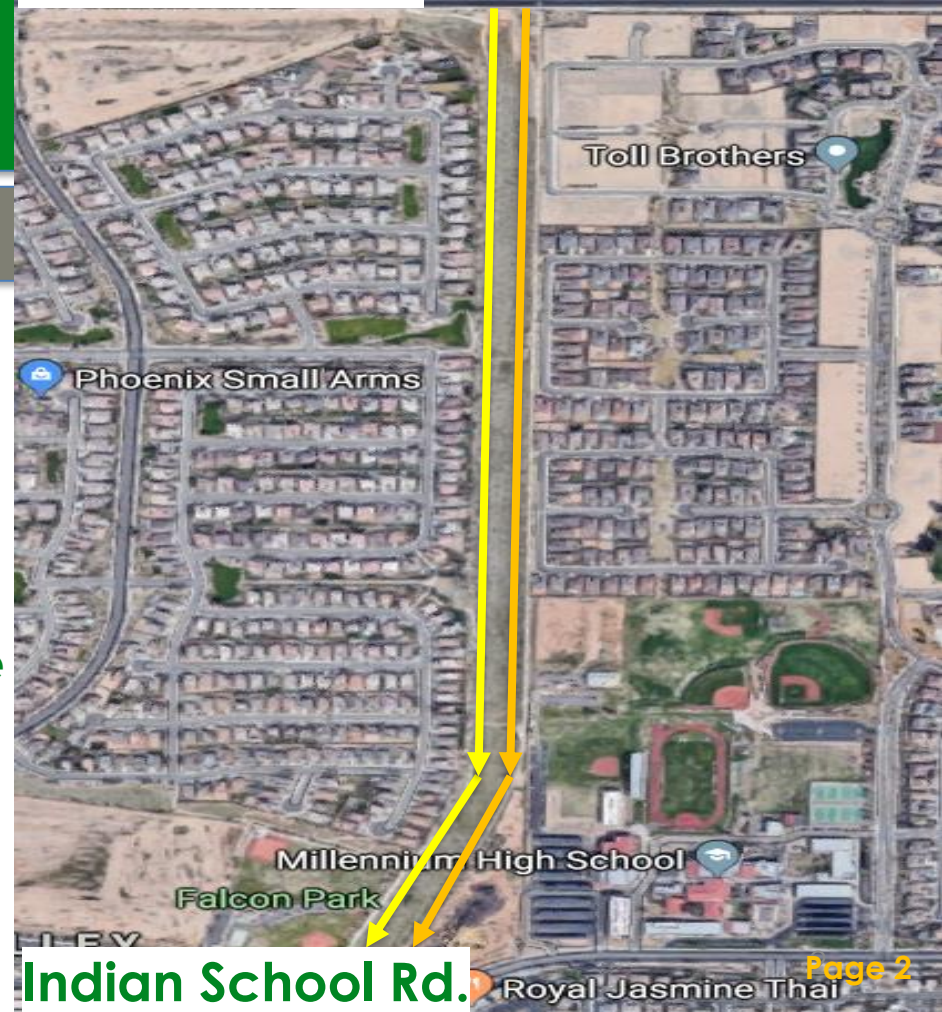
Council Meeting
March 2, 2020

Location and Background

2004: Wash Park Improved

- 24-inch dia. drain pipe – west edge
- Low flow channel – east edge

Camelback Rd.

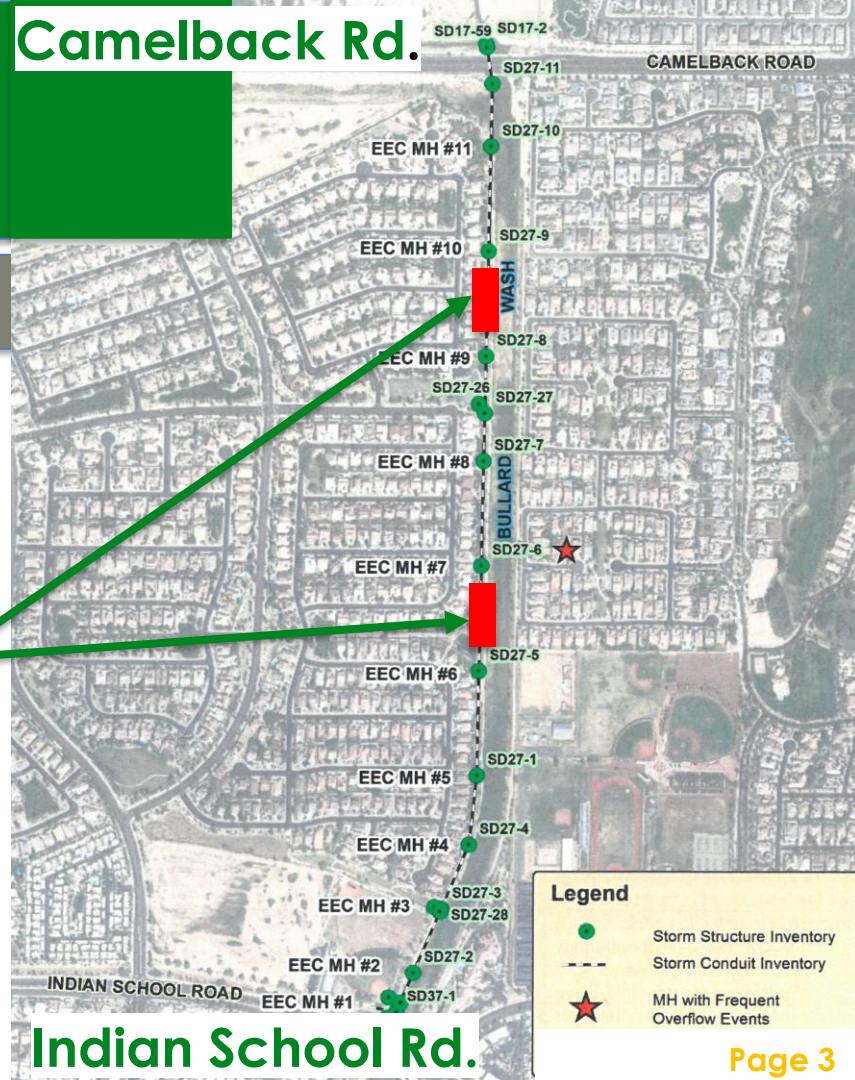


Indian School Rd.

Council approved \$695,000 for
Emergency Repair on 9/23/19

To Fix Major Blockages

Camelback Rd.



Temporary Bypass Setup

Used until
December 23



Indian School Rd.

Camelback Rd.

Solved Problems: Structural & Operational



Replaced 2
Defective Pipe
Segments

Hydro-jetted Using
Specialized
Equipment – Roots



Mitigated Future Flooding Risk

In addition:

- Cleaned Inverted Siphon
- Installed Curb
- Upsized the Inlet south of Camelback Rd



Inlet Before & After



BEFORE



Correcting the Size of the Inlet



AFTER

Started Park Restoration

Cleaned Low Flow Channel



BEFORE



AFTER

Seeking Council's Authorization For Additional Work

- Install Two valves
- Clean remaining parts of
 - low-flow channel
 - walkway crossings
 - roadway box culverts
- Repair damage from bypass pipe
- Pay for the unforeseen costs due to rains



GOLDSCHMIDT FIELD



NORTH OF FALCON
PARK



NORTHERN CROSSING



SOUTHERN
CROSSING

Recent Problem: **Excessive Debris**

(Cabbage, Kale, Aluminum Cans, Water Bottles, Tree roots, branches, golf balls, plastic bags, Dead Frogs)

CURRENTLY, LABOR INTENSIVE; SEEKING ENGINEERING SOLUTIONS



INLET SOUTH OF CAMELBACK



**EASTERN INLET NORTH OF
CAMELBACK**



Seeking Council's Authorization For Additional Funds



STAFF RECOMMENDATION = APPROVE \$145,000 FUNDING

- **Install Two valves**
- **Clean remaining parts of**
 - low-flow channel
 - walkway crossings
 - roadway box culverts
- **Repair damage from bypass pipe**
- **Pay for the unforeseen costs due to rains**
- **Implement temporary solution to mitigate debris**