Paradise Valley Watershed Study Public Meeting #1

Cherokee Wash Watershed

Wednesday, March 30th

Town of Paradise Valley
WATERSHED STUDIES

Dibble Engineering
Michael Baker INTERNATIONAL

Meeting Purpose

- Introduce the Project
- Explain the Project Purpose
- Coordination with Flood Control District of Maricopa County
- Provide Overview of Project & Timeline
- Solicit Cherokee Wash Watershed resident feedback and guidance to document areas prone to flooding

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Project Purpose

- Continue the community discussion about flooding and what to do about it
- Identify Flooding and Erosion Hazards
- Gauge Public Tolerance for Flood Risk
- Investigate Possible Solutions to Flooding
- Develop a Master Plan for Drainage Improvements
- Update the Town's Stormwater Guidelines
- Develop Town Detention/Retention Requirements

…and…

- Solicit Your Help and Keep You Informed!

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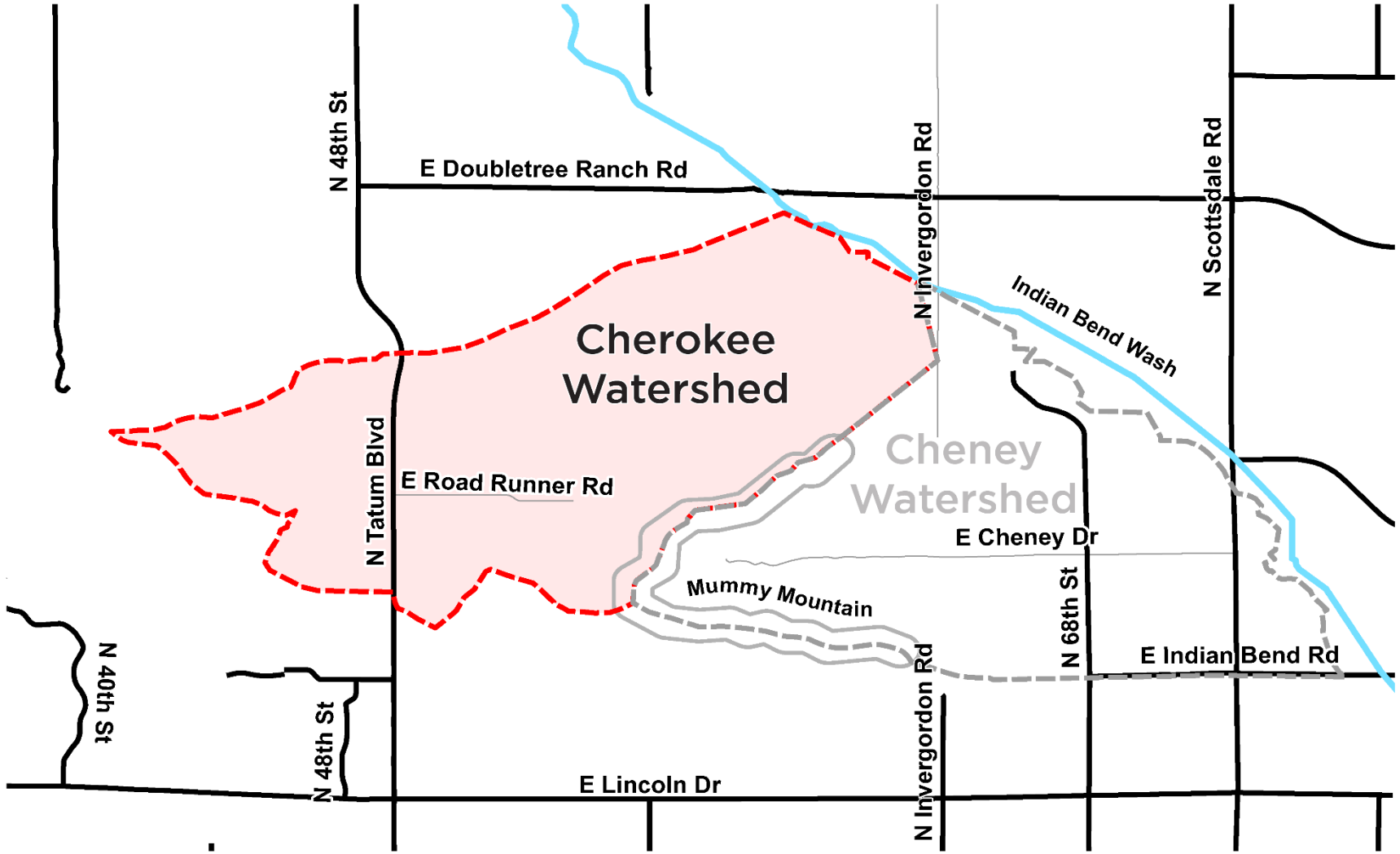
Study Area



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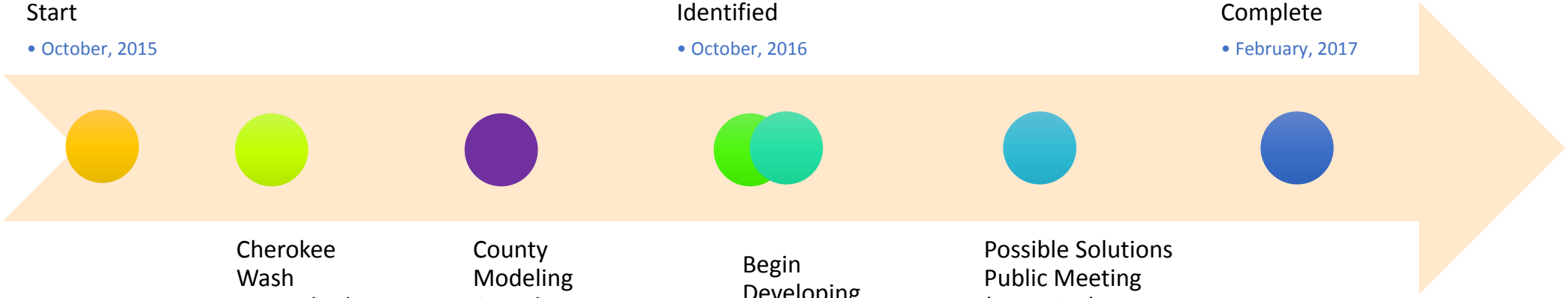
Project Timeline



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What the Project is Not

Duplication of the Flood Control District's *Middle Indian Bend Wash Area Drainage Master Study/Plan* (ADMS/P)

- Started in 2015
- Data Collection and Preliminary Modeling phases are complete
- The ADMP addresses large **regional** problems within Paradise Valley, Scottsdale, Phoenix and Tempe.
- The Town's project will benefit from the FCD's data collection and their computer modeling of area flooding.
- **The Town's project focused solely on local flooding conditions** with solutions tailored to meet the specific needs of Paradise Valley.

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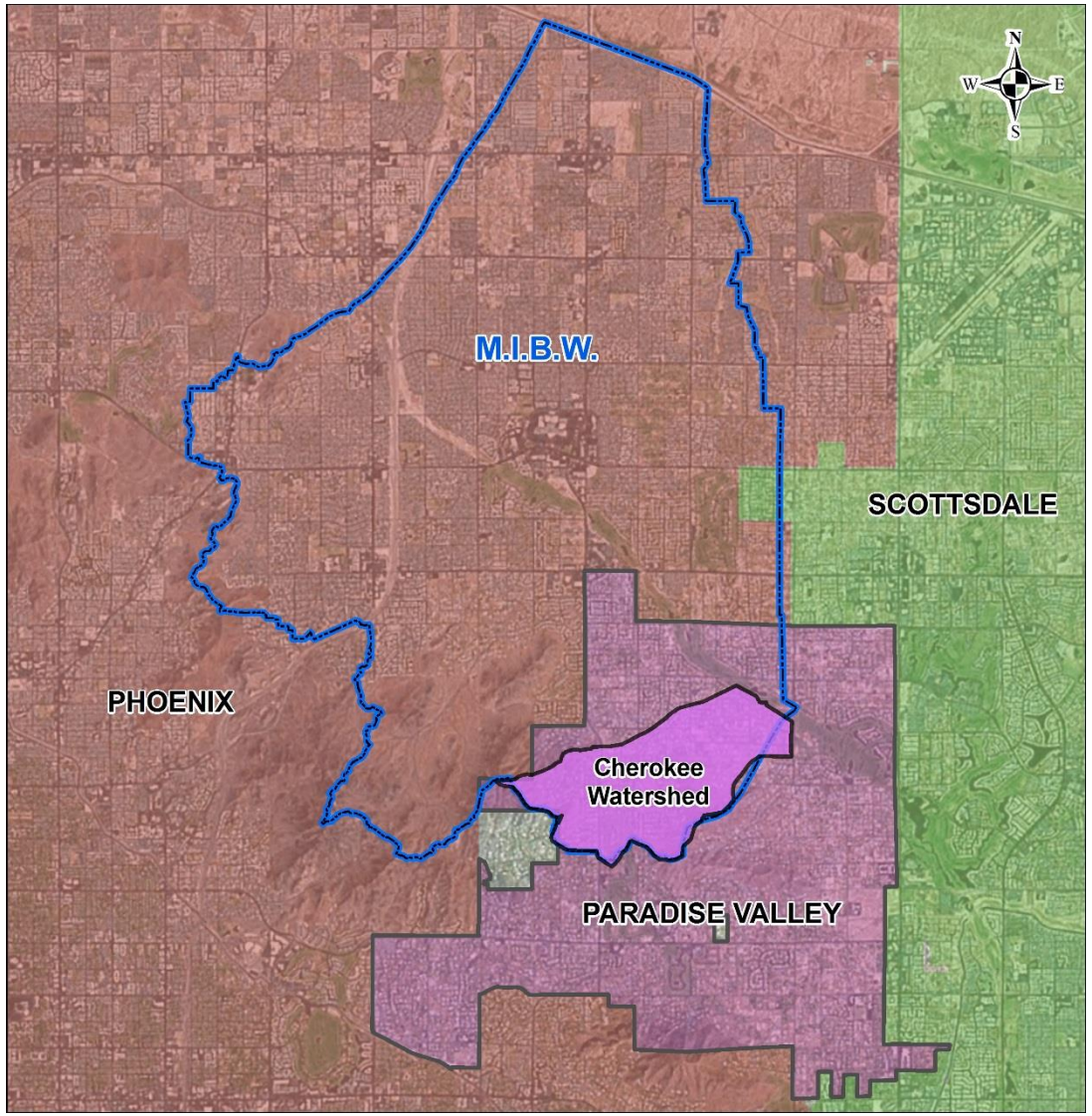
Study Area Comparison



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How Do We Identify Flooding Hazards?

- Start With the Flood Control District's Flooding Model
- Refine it to Suit the Goals of This Project
- Document Your Input and Evidence of Past Flooding
- Map the Washes, Storm Drains and Visible Damage
- Make Sure the Model Agrees With The Physical Evidence

Cherokee Wash Watershed

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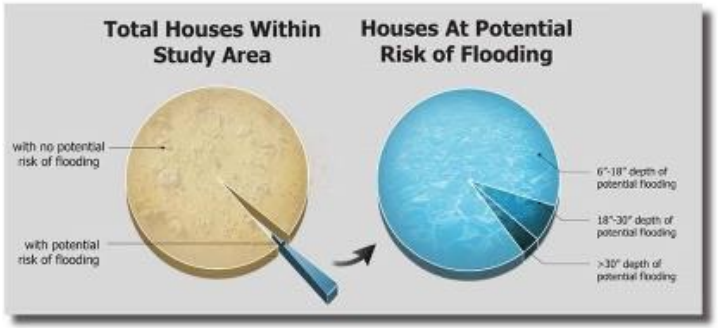
Developing Possible Solutions

- Define What is Public's Risk Tolerance for Flood Damage?
- Identify Solutions that Fit Paradise Valley
- Protection Level Costs Analysis
- Possible Funding Mechanisms

Flood Risk Tolerance

POTENTIAL RISK OF FLOODING



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How Can You Help?

Tonight:

- Share Your Experiences of Past Flooding Events
- Complete the Survey

  www.surveymonkey.com/r/pvwatershed

Tomorrow and Beyond:

- Tell your neighbors and friends!
- Follow Project via email or the Project Website at:

  www.paradisevalleyaz.gov/watershed

- Attend the Next Public Meeting (TBD)

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General Questions?

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