



Myrtle Avenue Wash Floodplain Delineation Study

September 2025





Welcome

Thank you for your interest in the Myrtle Avenue Floodplain Delineation Study

The following slides will guide you through an overview of the Flood Control District, the reasons for re-studying the Myrtle Avenue Wash, and present the proposed changes to the floodplain.



WE ARE ON A **MISSION...**

- Reduce Risk from Flooding
- Support Economic Development
- Recognize Stormwater as a Resource

What does the **FLOOD CONTROL DISTRICT** do?



**Build and
maintain
infrastructure**



**Manage
floodplains and
permitting**



**Use ALERT
system to
monitor
weather**



**Improve
stormwater
management**



**Promote flood
safety through
outreach
programs**



**Teach the next
generation via
the STEM
program**

What does the **FLOOD CONTROL DISTRICT** do?



Why is the floodplain being revised?

The current floodplain identifies some buildings as being within a floodway.

The County received comments from property owners and the City of Phoenix during the Cudia City Wash Area Drainage Master Study

City of Phoenix asked the Flood Control District to determine if the floodway could be revised on the FEMA maps.

Floodplain was evaluated from State Route 51 to the Arizona Canal Diversion Channel

Project Background

The flood study was based on the previous work of the Cudia City Wash Area Drainage Master Study (ADMS) completed in 2021

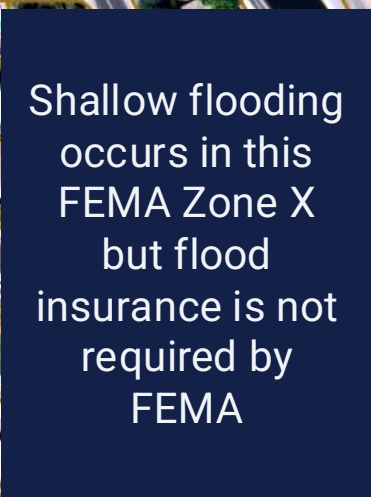
The lower flow rates from the ADMS are used in this updated analysis and the detailed modeling refines the floodplain and floodway

What are the results?



- In certain locations the floodplain and floodway were reduced. Some areas were removed from the floodplain
- Specific changes are provided on the next slide





The **light blue** shading remains in FEMA Zone A

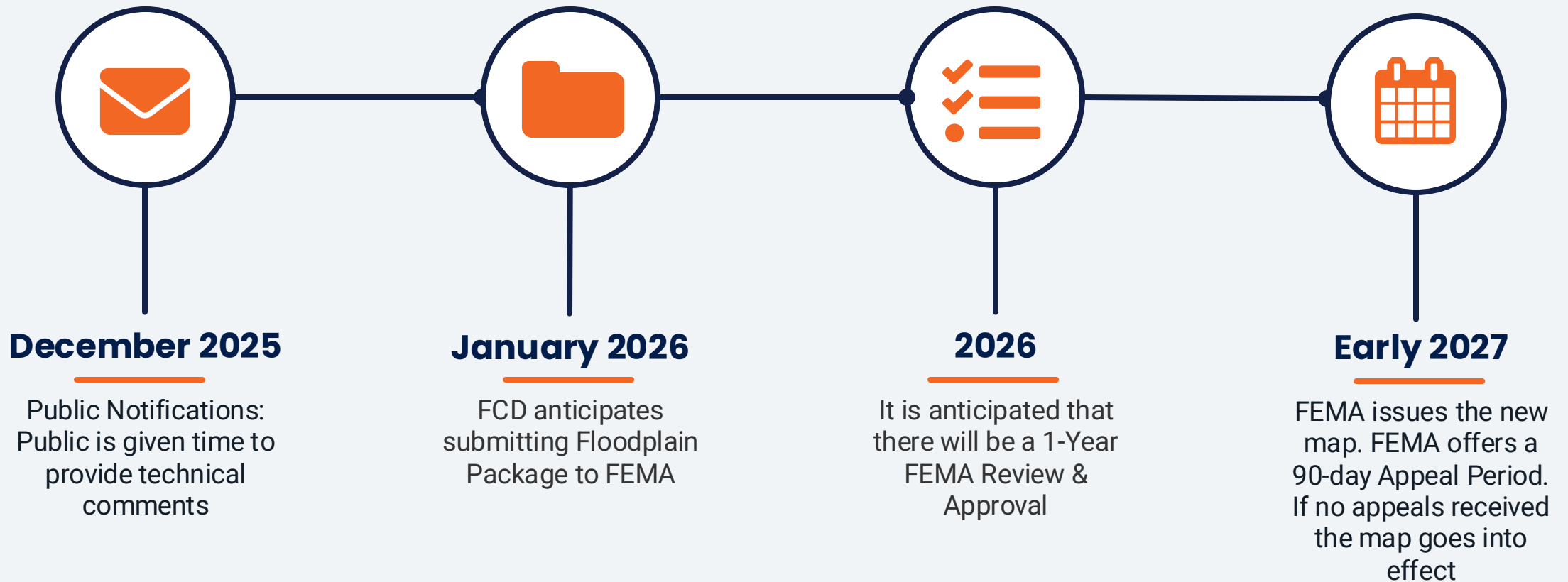
The proposed limits stop at the retaining walls

Legend

Proposed Special
Flood Hazard Areas

	A
	AE
	Floodway
	X

Floodplain Re-Delineation Timeline





www.Maricopa.gov/MyrtleAveFDS

Public Comment Period 12/8/2025-1/9/2026