



# Community Project Funding Request Cactus II Feeder, Phase 2

Virtual Washington, D.C. Meetings  
March 23, 2023

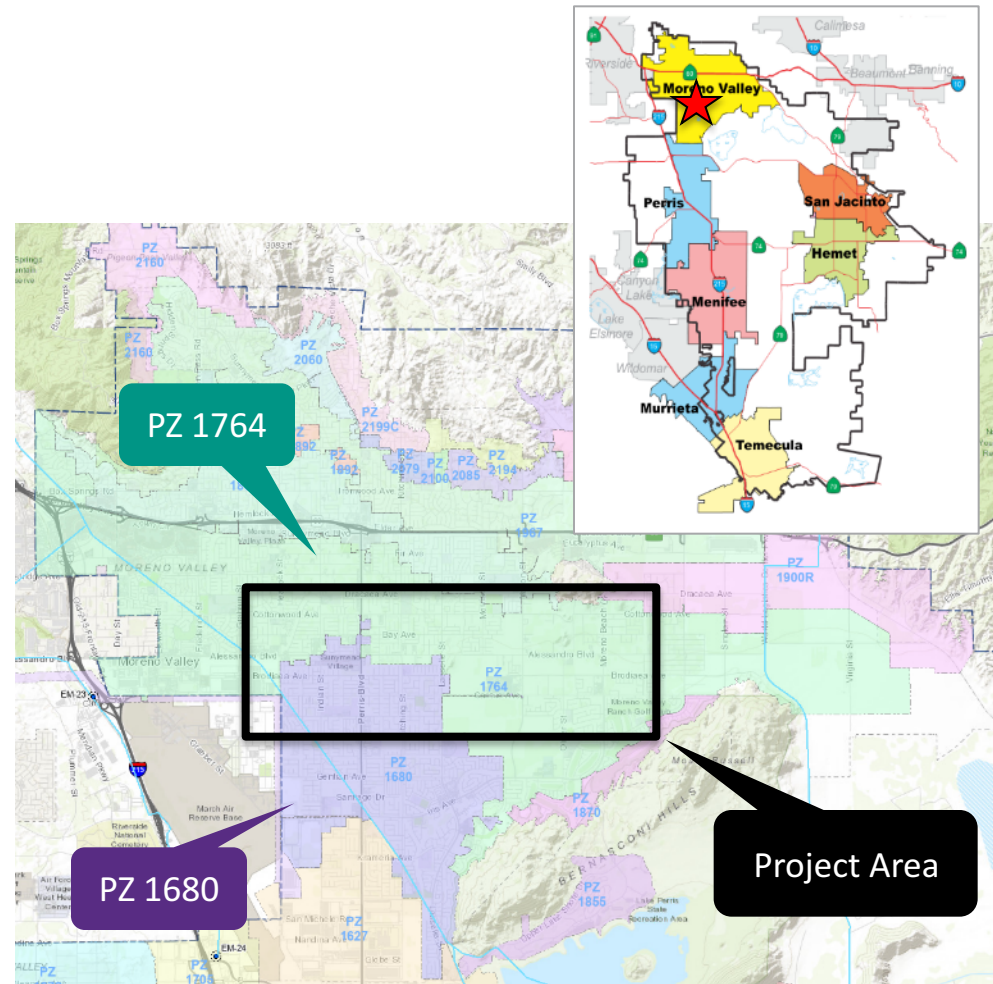


# Cactus II Feeder Phase 2

## Interior and Related Agencies, STAG

# Cactus II Feeder Program Background

- Location
  - City of Moreno Valley
  - Pettit 1764 Pressure Zone
  - Moreno 1680 Pressure Zone
- Purpose
  - Correct system deficiencies
  - Stabilize distribution system
  - Increase supply capacity
  - Support future growth

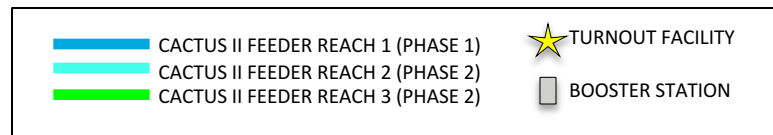
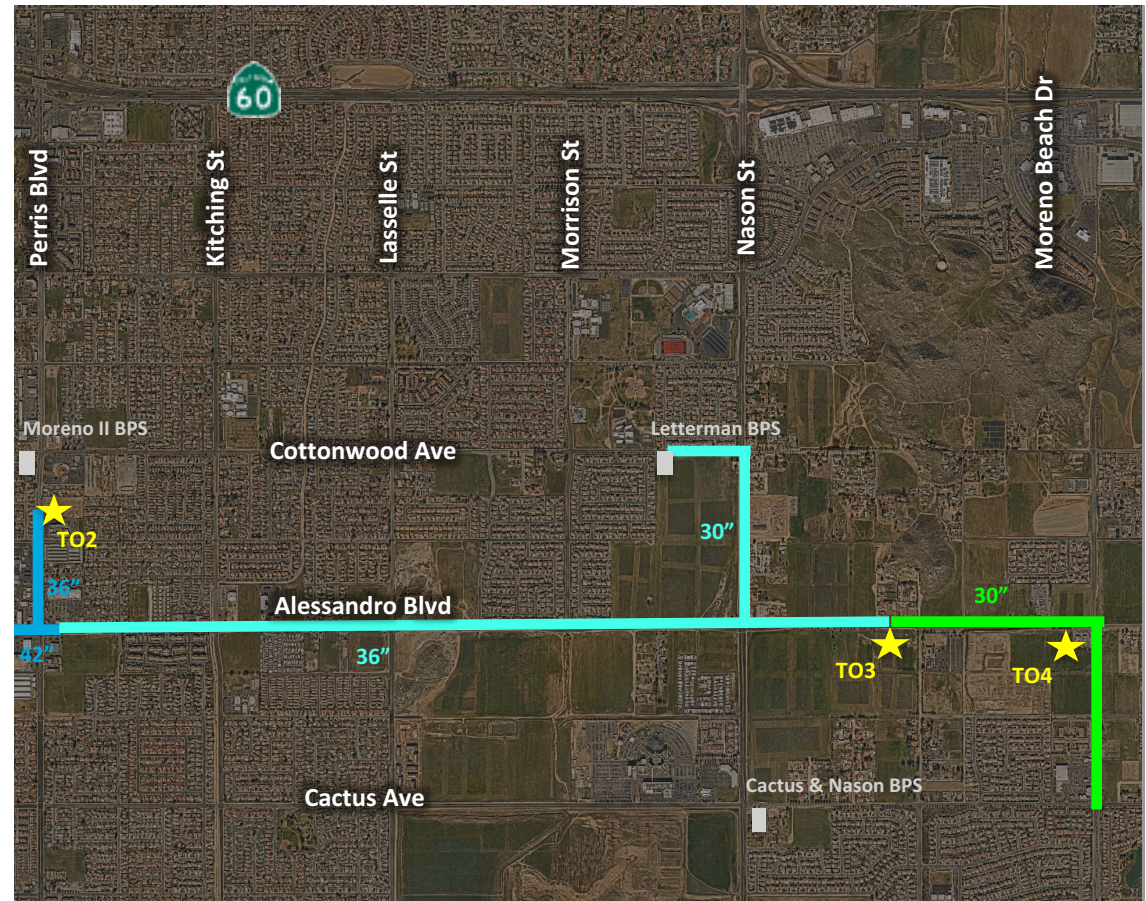


Moreno Valley area pressure zones



# Cactus II Feeder Phase 2 Overview

- Feeder Pipelines
  - 12,200 Linear Feet (LF) of 36-Inch
  - 3,400 LF of 30-Inch
- Lateral Pipelines
  - 7,400 LF of 30-Inch





# Cactus II Feeder Phase 2 Overview

- Turnout Nos. 3 and 4
  - Above grade piping, valves, and related appurtenances
  - Perimeter wall
  - Gated entrance
  - Electrical service



*Typical turnout facility*

# Project Benefits and Federal Nexus

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- These transmission project improvements will increase supply to approximately 41,000 EDU's of demand. This total includes existing connections that already have water service.
- Eligible for consideration under the Drinking Water State Revolving Fund (DWSRF) program which was authorized by the Safe Drinking Water Act (Section 1452 of the Safe Drinking Water Act, 42 U.S.C. 300j-12).
- The Act specifically provides the following example of an eligible drinking water project under the DWSRF:
  - *“Transmission and distribution. Examples of projects include installation or replacement of transmission and distribution pipes to improve water pressure to safe levels or to prevent contamination caused by leaks or breaks in the pipes.”*

# EMWD Efforts To-Date

- Phase 1 Construction:
  - Completion in Spring 2023
- Phase 2 90% Design:
  - Completed in 2019; archived
- Phase 2 Final Contract Document Development:
  - In progress
    - Supplemental field investigations
    - Final design updates
    - Traffic control plans
  - Completion in Fall 2023



*Phase 1 Feeder Construction*



# Cactus II Feeder Phase 2

## Community Project Funding Request, Representative Takano, 39<sup>th</sup> District

- FY 2024 request aligns with advancing construction of the feeder pipelines
- Project includes installation of transmission pipelines to improve water pressure
- Total Project Cost: **\$26 million**
- Request from STAG: **\$5.0 million**



*Phase 1 Feeder Construction: 42-inch CML&C pipe staged along Alessandro Blvd, looking East*

# Stakeholders and Project Partners

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- EMWD
- County of Riverside
- City of Moreno Valley





# Contact Information

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