

Project Fact Sheet



Project Scope:

The project is to mitigate flooding on Moreno Beach Drive and Alessandro Boulevard that affects access for the communities on both sides of Moreno Beach Drive by constructing approximately 4,000 feet storm drain Lines H-1 and H-3. The communities have been experiencing street floodings, traffic and emergency access disruptions, and extensive roadway cleanups and repairs after storms due to lack of drainage system that can effectively convey storm waters and discharge to downstream drainage system. The proposed storm drain lines are identified in the Riverside County Flood Control and Water Conservation District's drainage master plan.



Project Cost and Funding:

Project Cost:

Design and Environmental:	\$250,000
Construction:	\$4,519,000
Construction Engineering:	<u>\$210,000</u>
Total Project Cost:	\$4,979,000

Funding:

- 2024 LTCAP Request: \$3,735,000
- Local Match (MDP Fees): \$1,244,000



Schedule:

- Environmental (PA&ED): 1/2025 to 12/2025
- Design (PS&E): 1/2026 to 12/2026
- Construction: 1/2027 to 3/2028
- Close-out: 4/2028 to 10/2028



Outputs and Benefits:

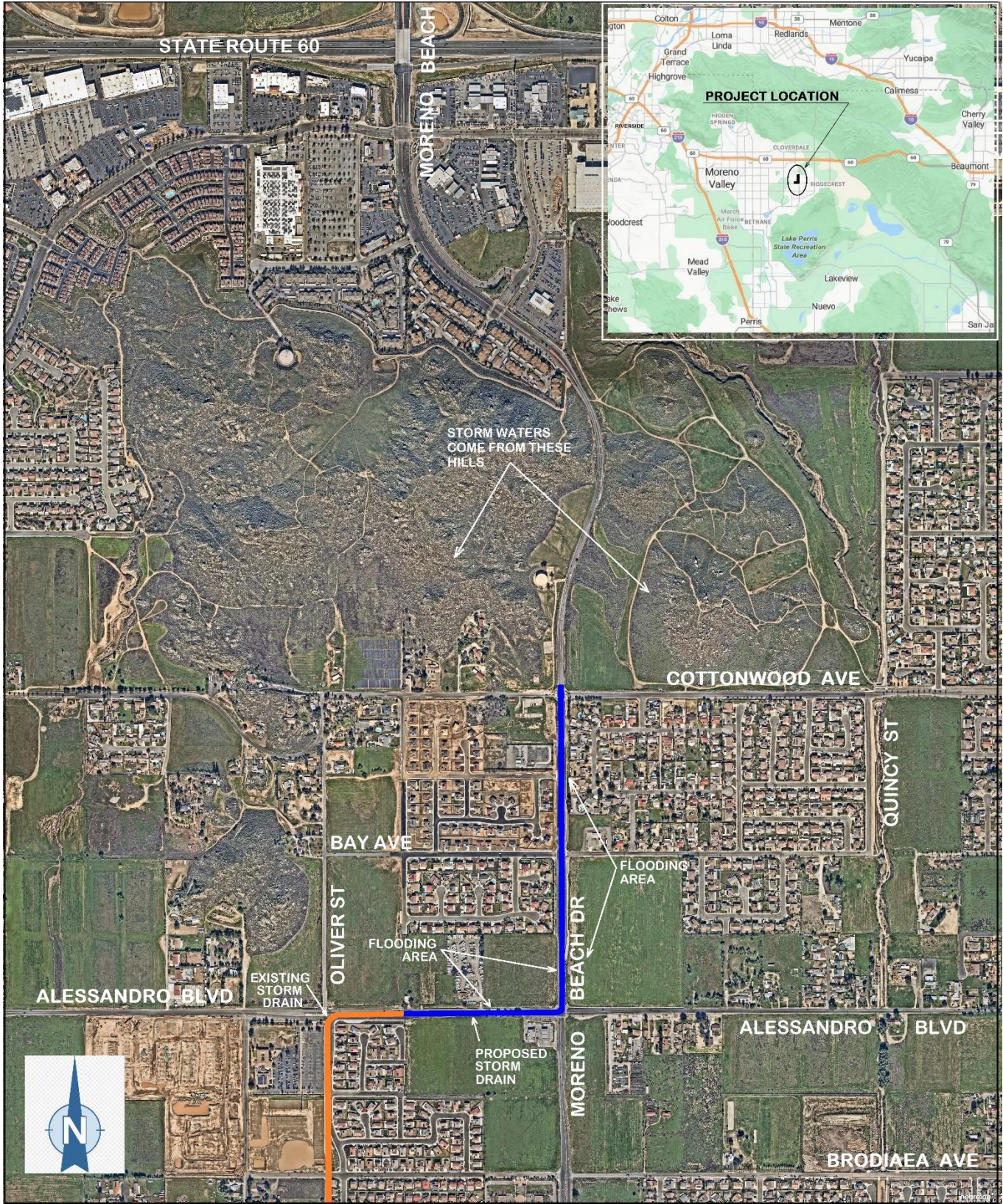
Outputs:

- New underground storm drain system Lines H-1 and H-3 with 4,000 feet of reinforced concrete main underground pipe that starts from the intersection of Moreno Beach Drive and Cottonwood Ave to the intersection of Moreno Beach Drive and Alessandro Boulevard along Moreno Beach Drive and goes west connecting/discharging to existing drainage system on Alessandro Boulevard. The proposed storm drain system is to provide flood protection up to 100-year storm events.
- Series of up to 28 catch basins and connecting drainage pipes on both sides of Moreno Beach Drive and Alessandro Boulevard at approximately 300 feet apart to convey storm waters.
- Series of up to 14 storm drain manholes and various appurtenant to provide a complete flood control system.
- Over 4,000 feet of new paved traffic lane and associated street improvements to accommodate the new storm drain system.

Outcomes: This project will

- mitigate flooding hazards and damages to main arterials including Moreno Beach and Alessandro Boulevard that are essential for local communities' every life.
- reduce costs of roadway repairs and cleanups after storm events.
- minimize disruptions to public and emergency services for the area.
- Minimize potential inundation of surrounding homes and unimproved lands due dramatic changes in climate and weather.
- minimize pollution due to flooding and enhance water quality for local areas.

Moreno MDP Storm Drain Lines H-1 and H-3 Project



PROJECT LOCATION MAP



Legend:

- Proposed Moreno MDP Storm Drain Lines H-1 and H-3
- Existing Moreno MDP Storm Drain Line H-2 Connected to Regional Drainage Facility