



# 2024 Flood Control Master Plan Update **Clark County Outlying Areas Laughlin**

Presented by: Clark County Regional Flood Control District

Laughlin Town Advisory Board Meeting  
July 9, 2024

District A  
Commissioner Michael Naft  
Liaison: Mark Moskowitz

# Clark County Regional Flood Control District (CCRFCD)

Steven C. Parrish, P.E.

General Manager/Chief Engineer

Created in 1985

Funded by ¼ percent sales tax

Mission: To improve the protection of life and property from devastating impacts of flooding while also protecting the environment.

CCRFCD Overall Progress:

**713 Miles of  
Conveyances**

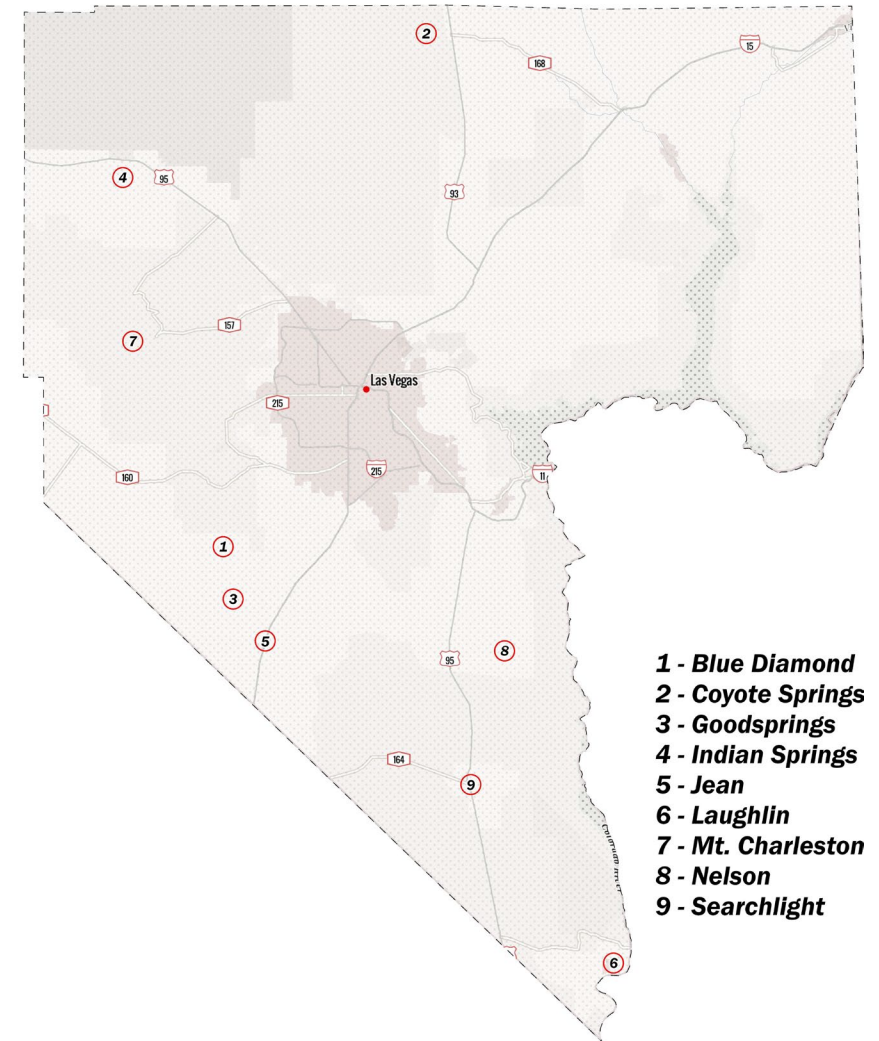
**110 Detention  
Basins Built**

**222 Real-Time  
Rain Gauges**

**\$2.5 Billion in  
Tax Dollars  
Invested**

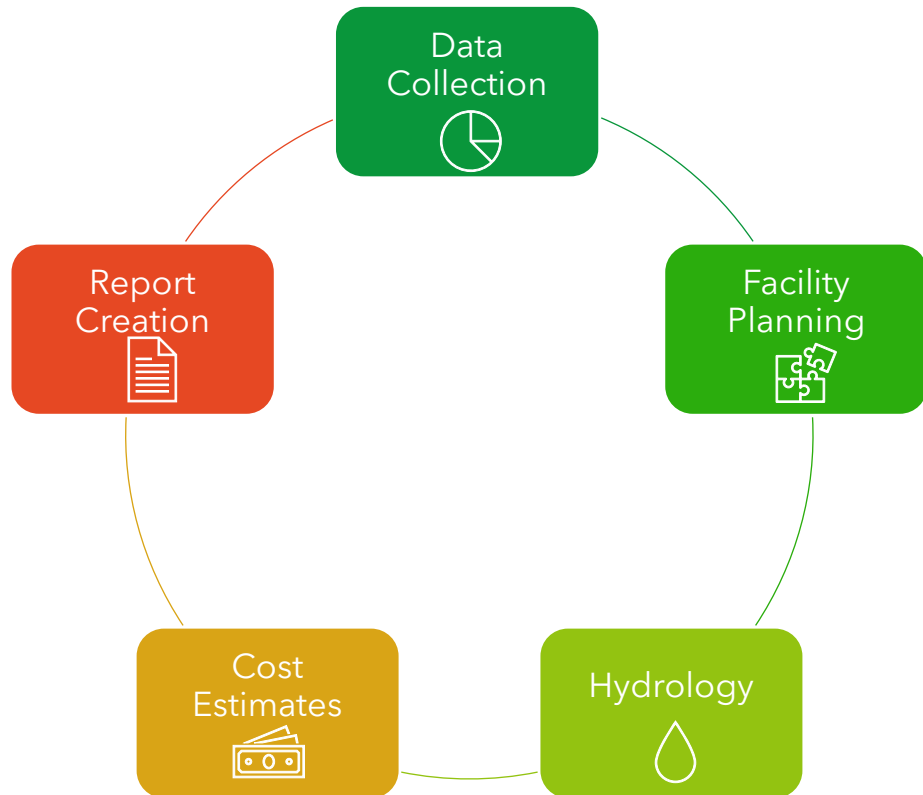
# Master Plan Objectives

- Nevada Revised Statutes 543.596 requires that flood control master plans must be reviewed and updated at least every 5 years.
- The purpose of the Master Plan Update (MPU) is to add new information, assess progress, and recommend changes.
- **Laughlin** was included with the original Master Plan adopted in 1986 for the entire county. The previous update to the Outlying Areas was the 2019 MPU.
- There are 9 Clark County Outlying Areas.



- 1 - Blue Diamond**
- 2 - Coyote Springs**
- 3 - Goodsprings**
- 4 - Indian Springs**
- 5 - Jean**
- 6 - Laughlin**
- 7 - Mt. Charleston**
- 8 - Nelson**
- 9 - Searchlight**

# 2024 Master Plan Update Progress



Started January 2024

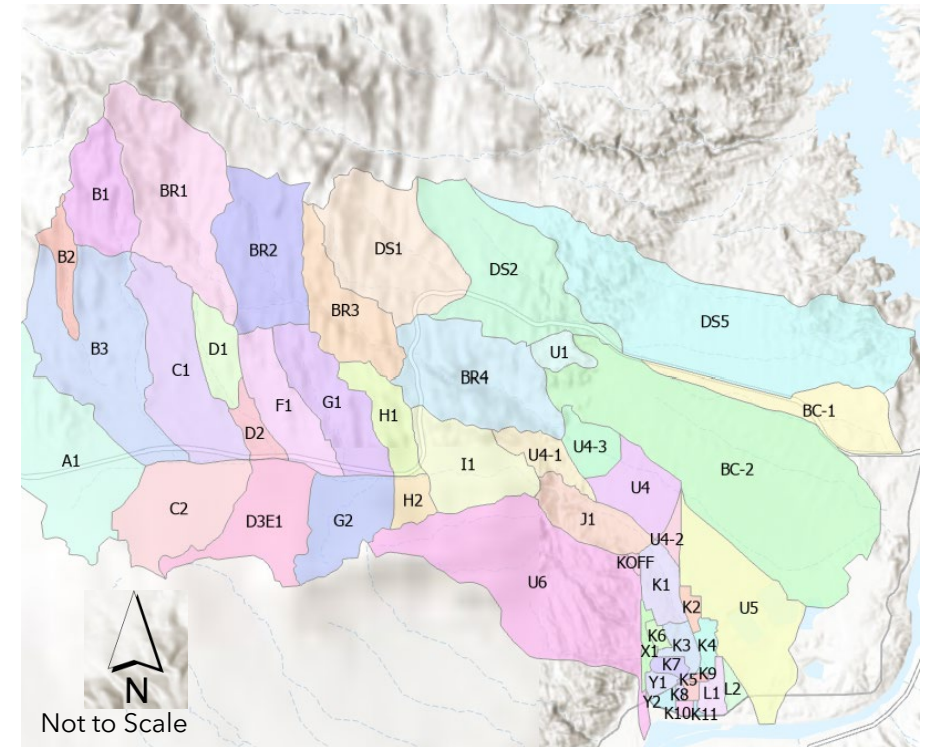
- ✓ Data Collection - Complete
  - ✓ Updated Outlying Areas with Clark County Land Use and Soils data
  - ✓ Reviewed approved drainage studies for MPU impact
- ✓ Facility Planning - Complete
- ✓ Hydrology Models - Complete
- ✓ Cost Estimates - Complete (2023 Las Vegas Valley MPU Cost Tool)
- ➔ TAB or CAC Presentation for Outlying Areas - In progress
  - MPU Report - In progress/Under review
  - Adoption by CCRFCD Board of Directors and Clark County Board of Commissioners - August/September

# Recent Weather Event in Laughlin March 2023



# Flood Control Facilities and Flood Zone Designation

- ~\$15 million spent to date on Flood Control Projects in Laughlin
- 2 Projects in Design
  1. Bridge Canyon Wash Sediment Mitigation Facility - Design Complete, Pending Funding Request ~ July 2024
  2. Thomas Edison Detention Basin, Collection and Outfall - Design Scope and Fee In Process, Construction Anticipated in FY 28/29 (TYCP)
  3. Laughlin Marina to Desert Marina Drive - Start Design Anticipated in FY 24/25 (TYCP)
- No Construction Projects
- Multiple FEMA Special Flood Hazard Areas in Laughlin





# Laughlin

## 2024 MPU Flood Control Facilities Recommendations

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REGIONAL FLOOD  
CONTROL DISTRICT

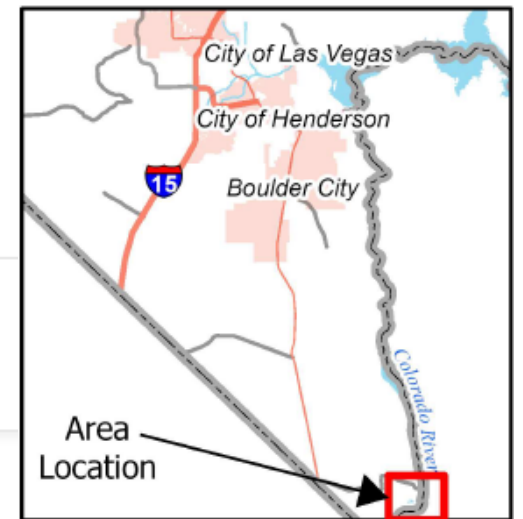
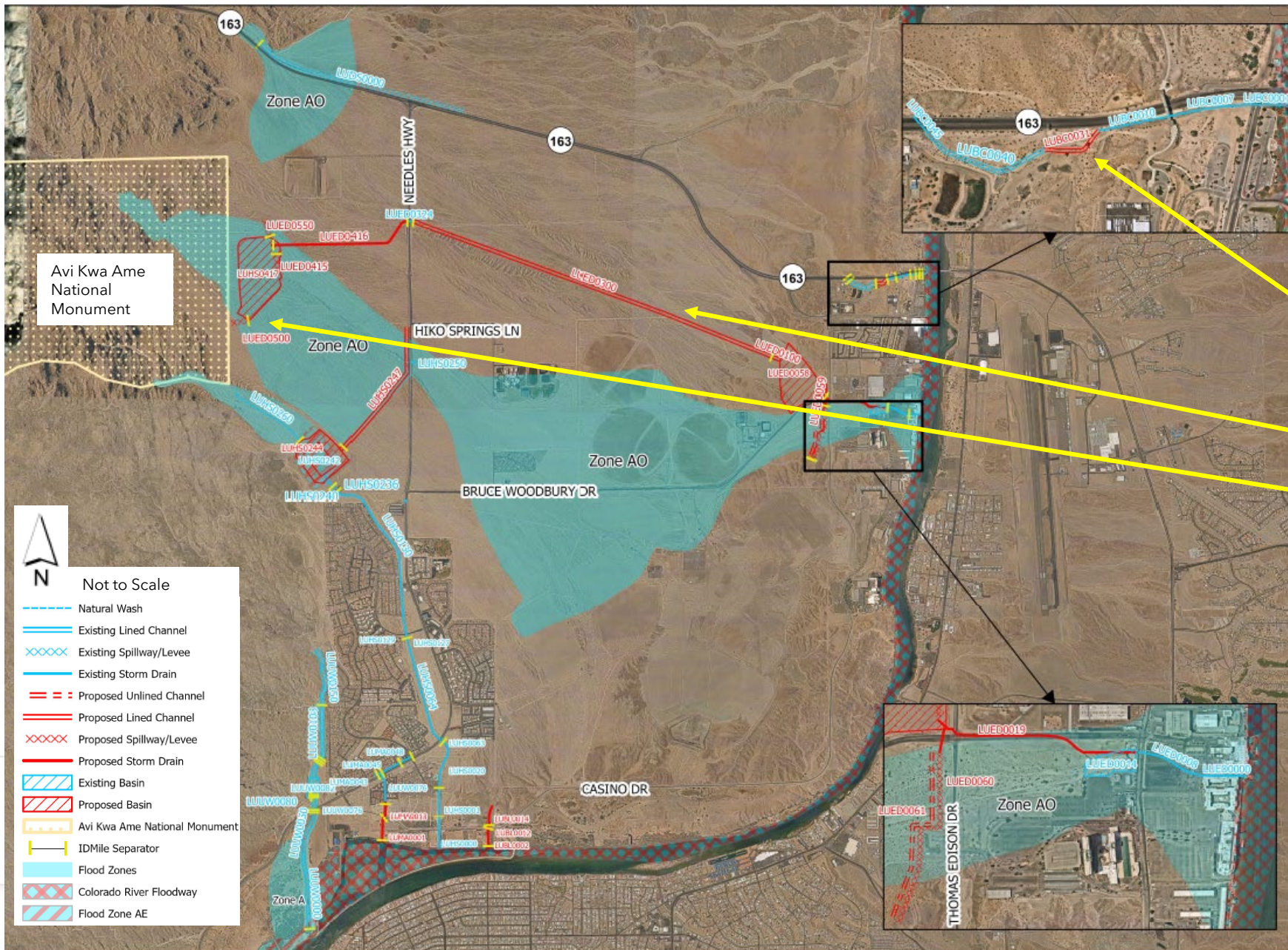




# 2024 MPU Flood Control Facilities

## Laughlin

- Hydrologic modeling update
- Update based on "Bridge Canyon Wash Sediment Mitigation Facility" currently in Design
- Update to "Bridge Canyon Detention Basin and Outfall System"
  - Relocation of Bridge Canyon Outfall facility
  - Shifted detention basin out of Avi Kwa Ame National Monument Boundary

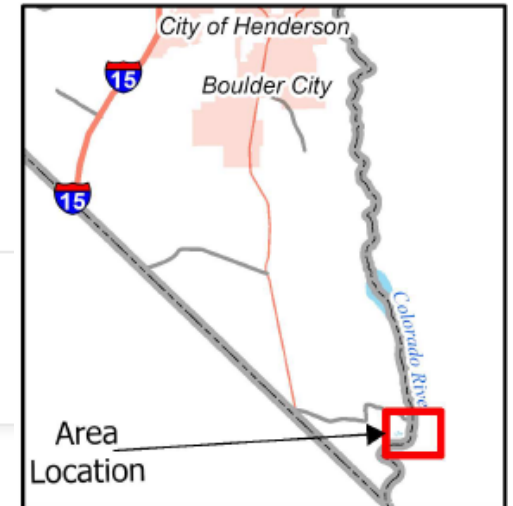
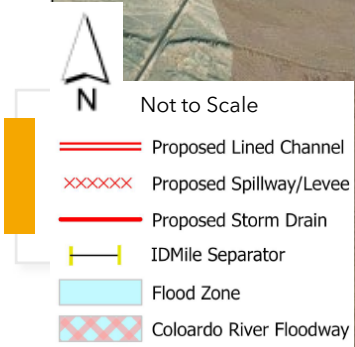
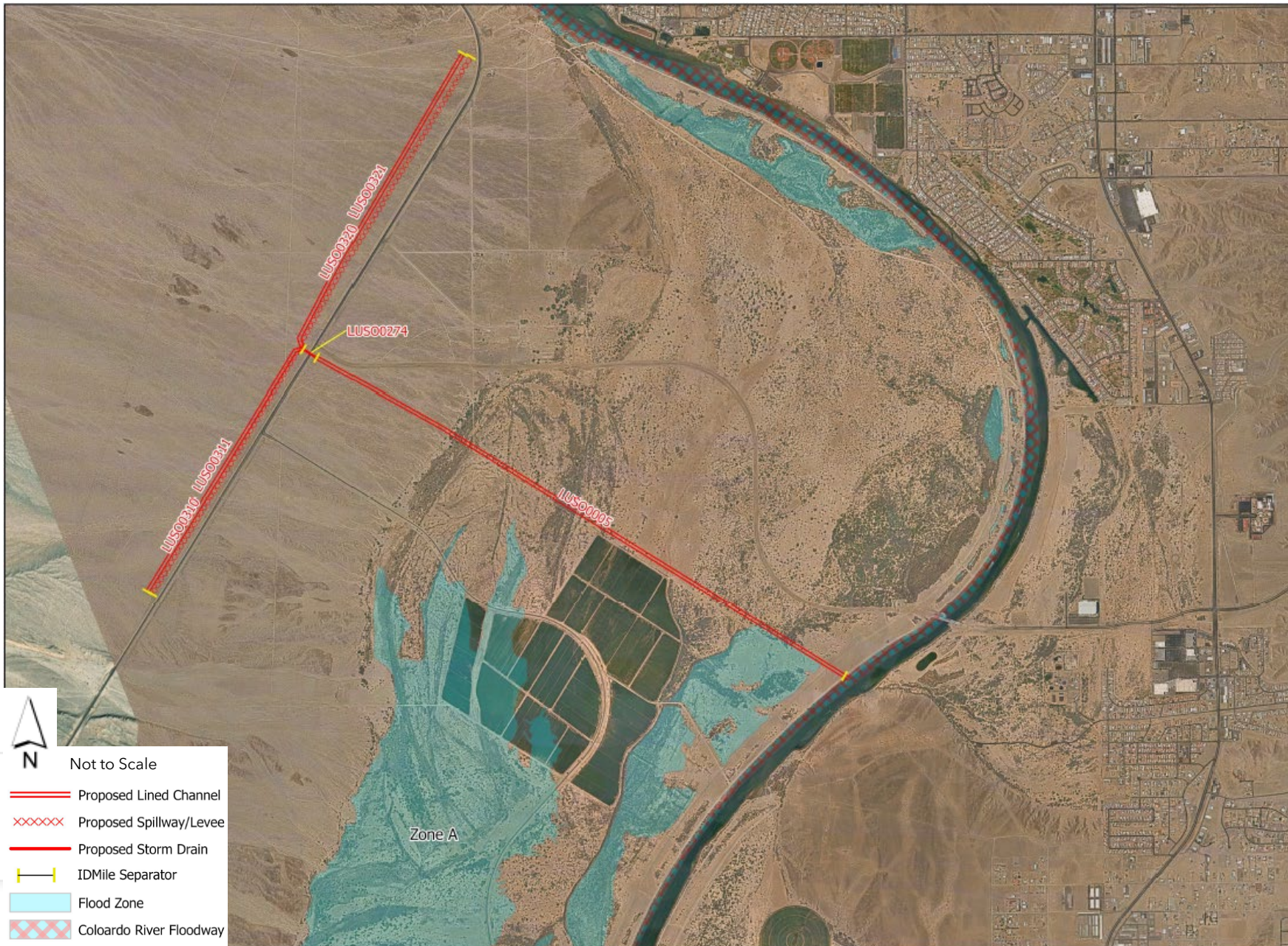




## 2024 MPU Flood Control Facilities

### Laughlin Southland

- Hydrologic modeling update
- No recommended change to proposed facilities



# Facility Costs

Calculation based on 2023 Las Vegas Valley MPU Cost Tool

OUTLYING AREA	Value of Existing Facilities		
	2019	2024	Difference
<b>Laughlin</b>	\$ 45,336,505	\$ 75,519,476	\$ 30,182,971

OUTLYING AREA	Cost of Proposed Facilities		
	2019	2024	Difference
<b>Laughlin</b>	\$ 37,343,496	\$ 99,492,430	\$ 62,148,934
<b>Laughlin Southland</b>	\$ 65,834,276	\$ 79,088,737	\$ 13,254,461
<b>Total</b>	<b>\$ 103,177,772</b>	<b>\$ 178,581,168</b>	<b>\$75,403,396</b>

There are no existing facilities in Laughlin Southland.

CCRFCD Staff Recommendation:

**Request to Recommend the  
CCRFCD Board of Directors to adopt the  
2024 Flood Control  
Master Plan Update  
for Clark County Outlying Areas**

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CONTROL DISTRICT





# Questions?

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