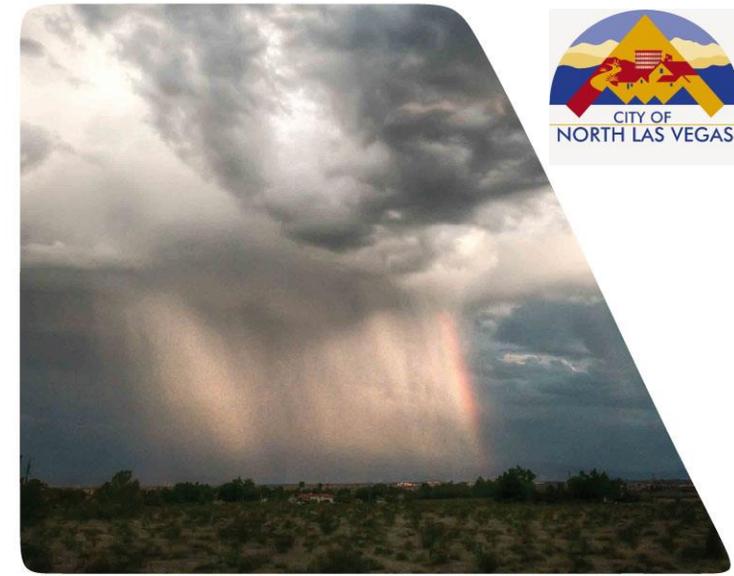


# 2023 Las Vegas Valley Flood Control Master Plan Update

Clark County Regional Flood Control District

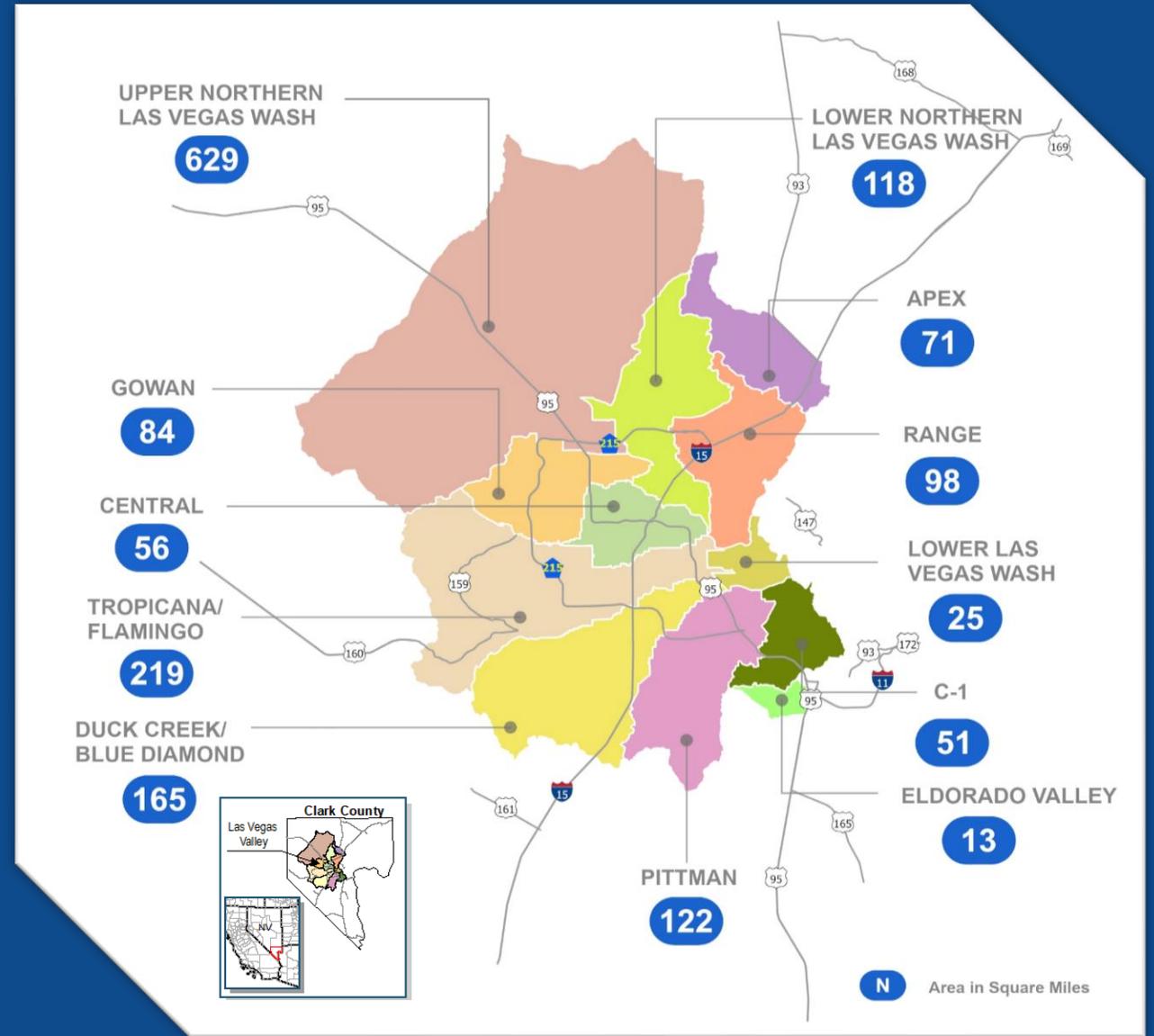
Master Plan Update

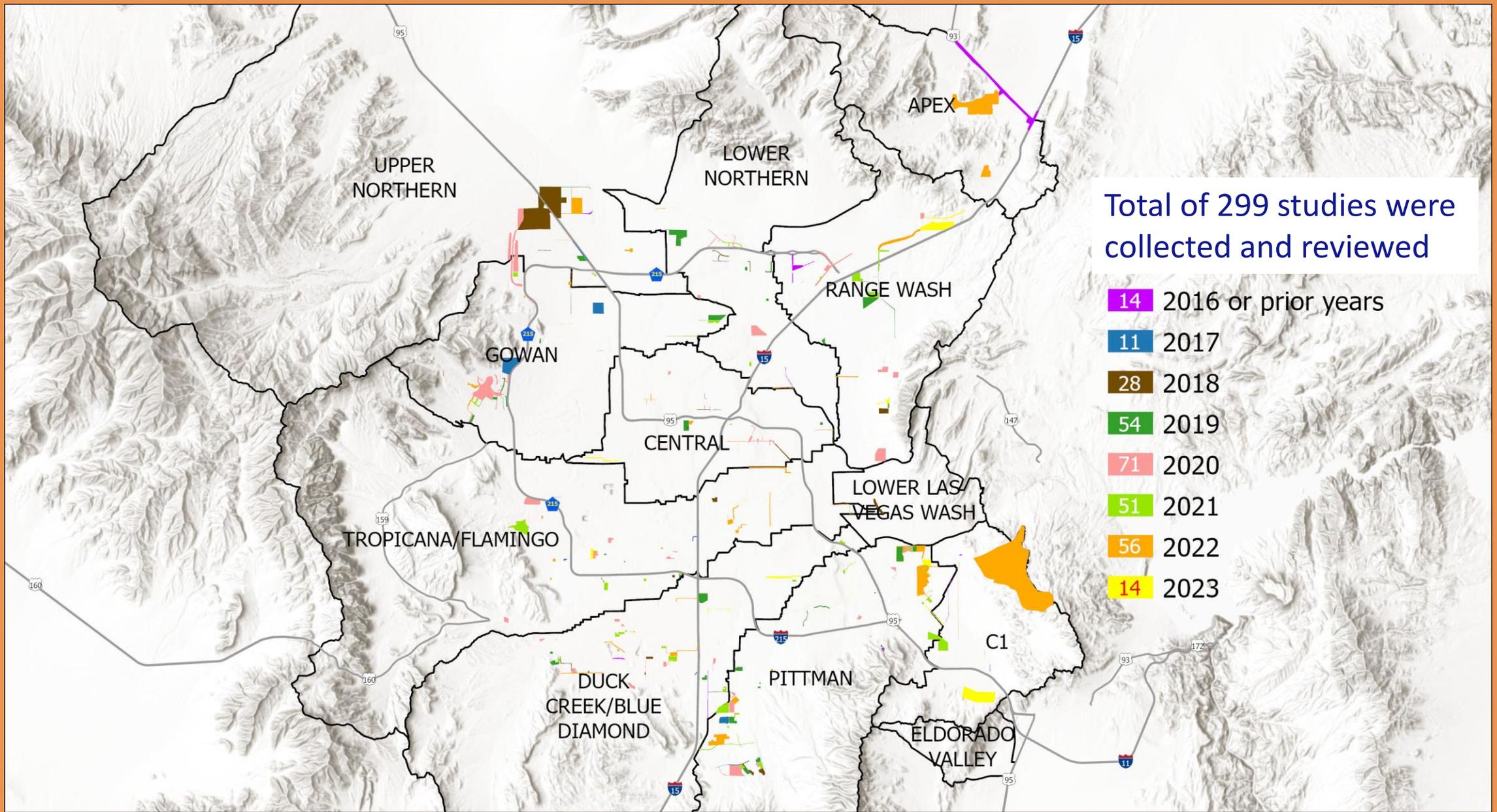
March 28, 2024

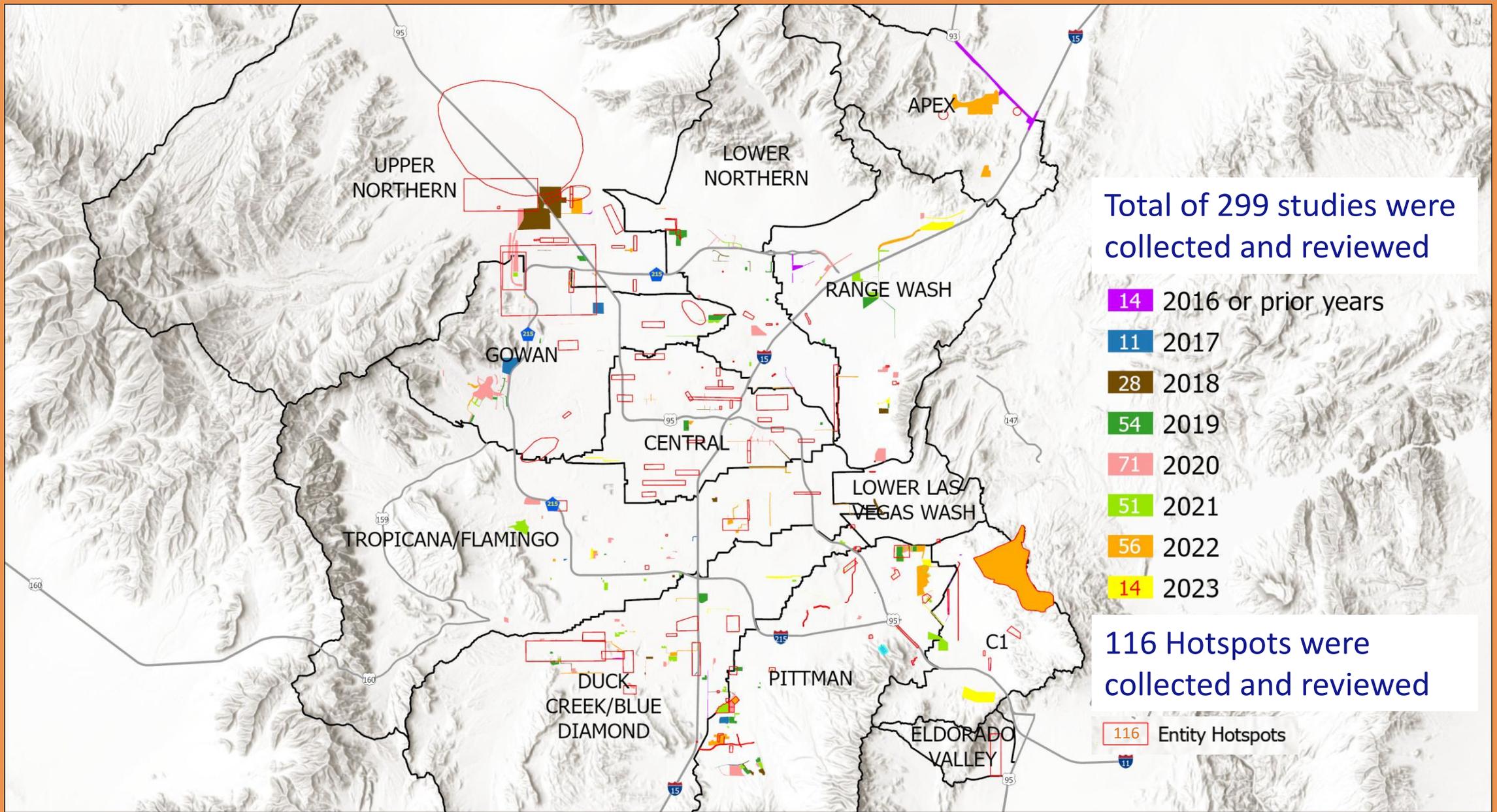


# Master Plan Overview

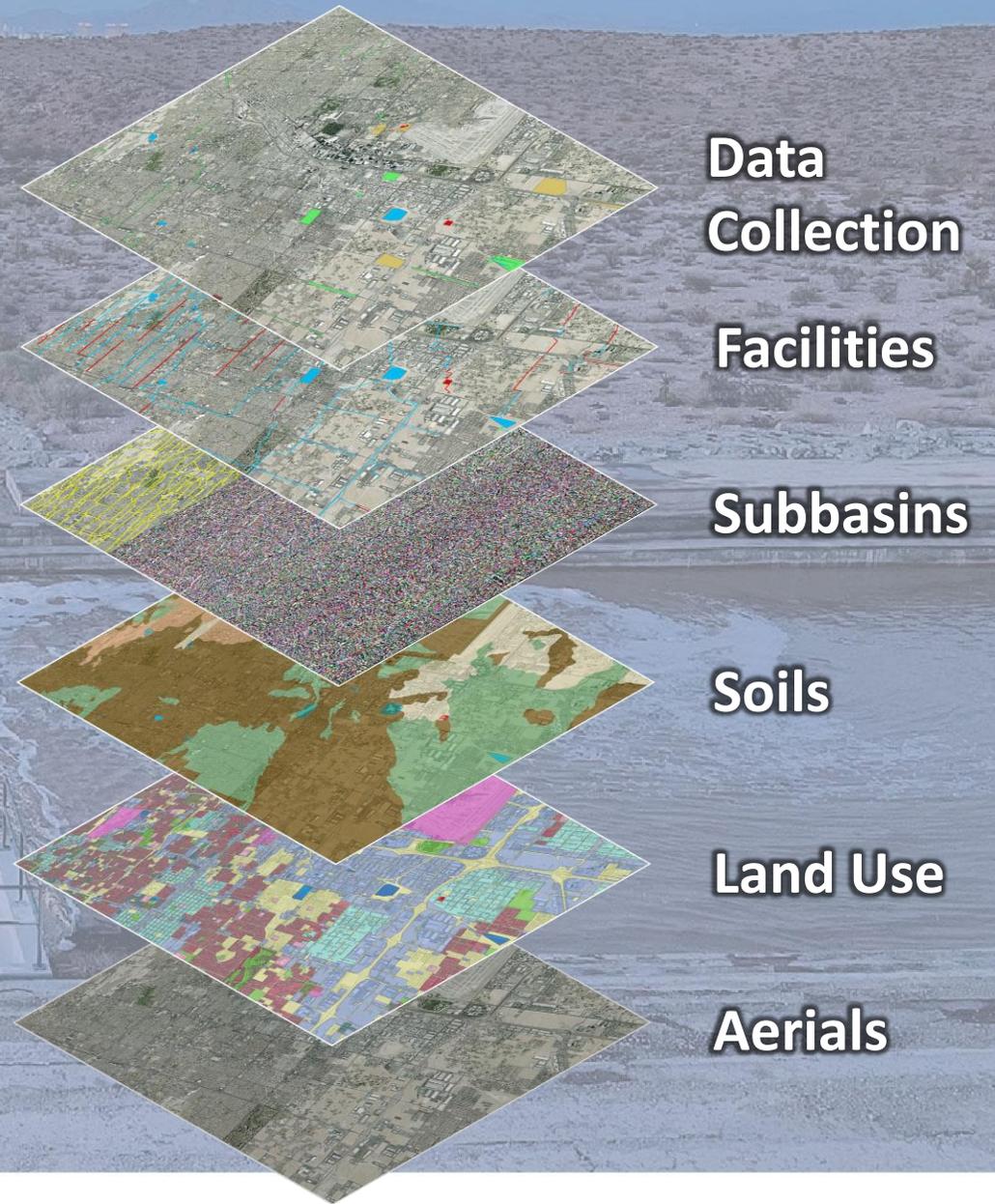
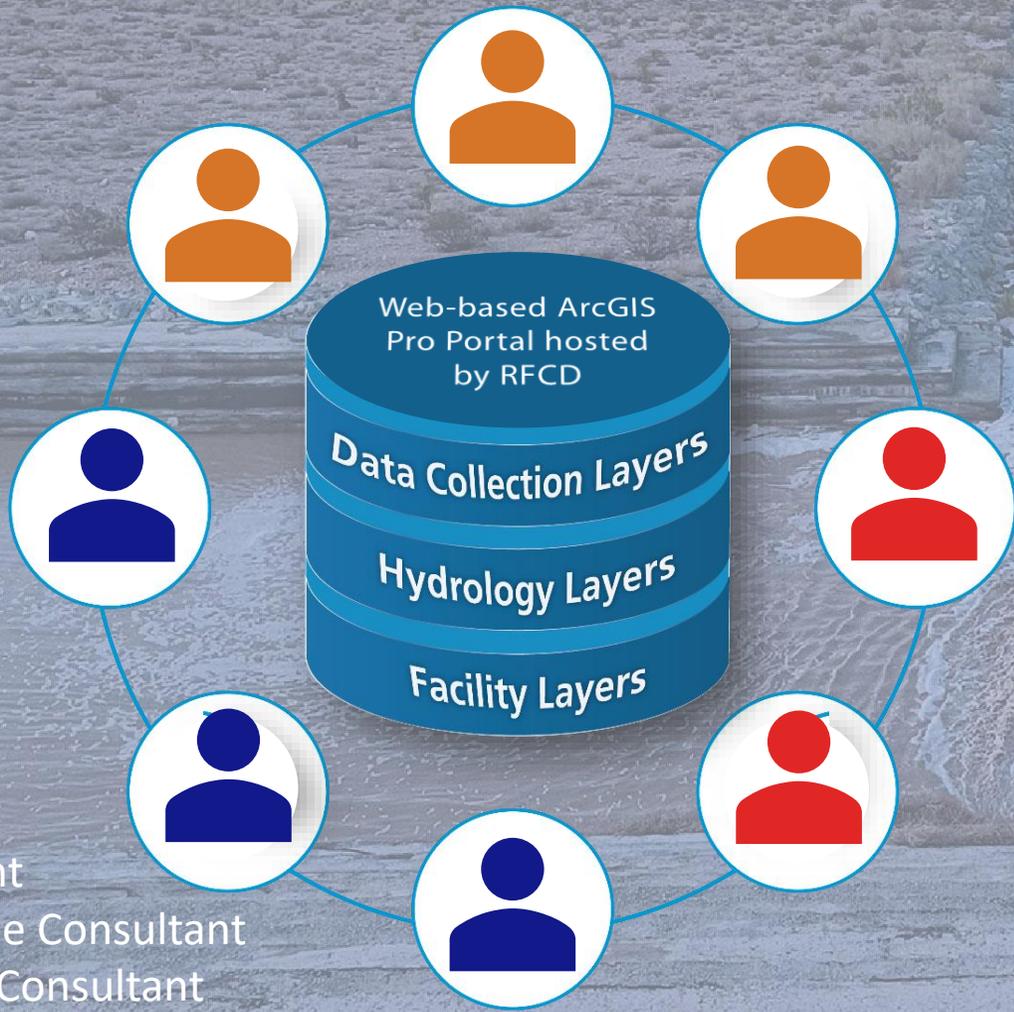
- Nevada Revised Statute 543.596 requires that flood control master plans must be reviewed and updated at least every 5 years
- Previous updates in 1991, 1996, 2001, 2008, 2013, 2018
- The purpose of the update (MPU) is to add new information, assess progress, and recommend changes







# GIS ArcSDE database



Data  
Collection

Facilities

Subbasins

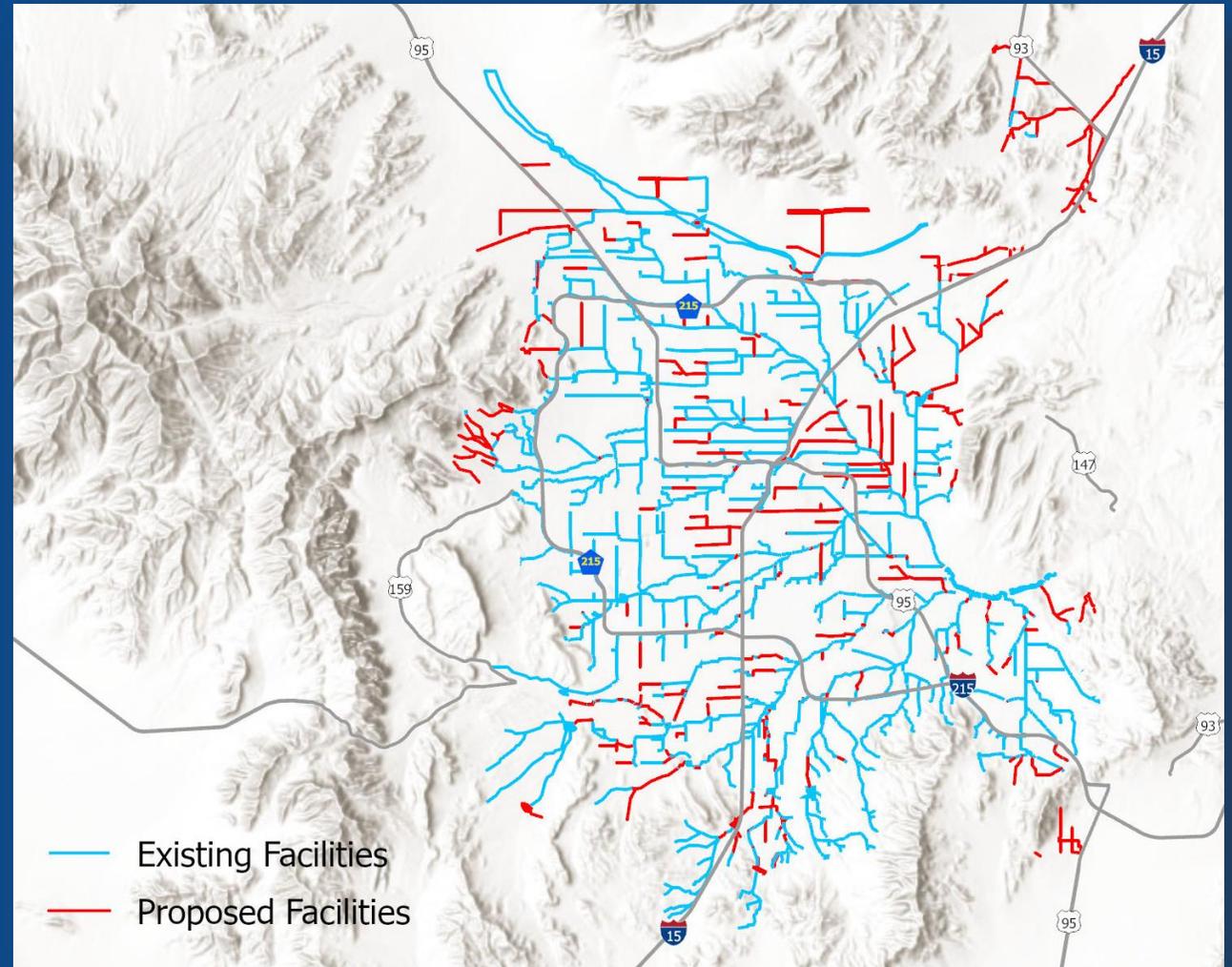
Soils

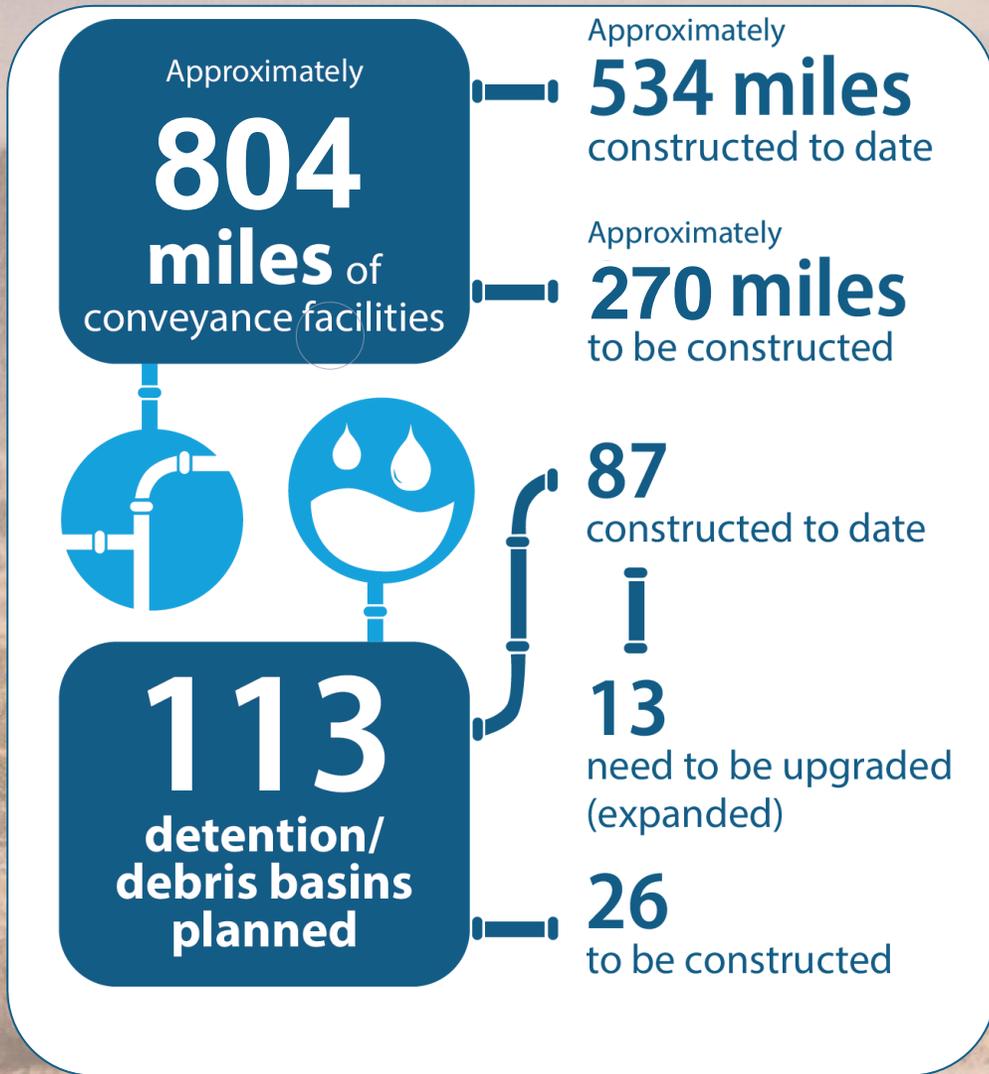
Land Use

Aerials

# Regional Facility Summary

- › About **4,200** regional flood control facilities
  - › **804** Miles of Facilities
  - › **3,400** Existing Facilities
  - › **800** Proposed Facilities
- › **113** detention/debris basins





### Conveyance

**\$ 6,096 million**  
Value of Existing

**\$ 3,617 million**  
Proposed Costs

### Detention Basins

**\$ 625 million**  
Value of Existing

**\$ 343 million**  
Proposed Costs



## VALUE OF NEW FACILITIES SINCE THE 2018 MPU WITHIN THE LAS VEGAS VALLEY PLANNING AREAS

Value of new  
facilities

\$ **565**  
million

Approximately

**57**  
miles

new conveyance  
facilities

**9**

new  
detention  
basins

# City of North Las Vegas

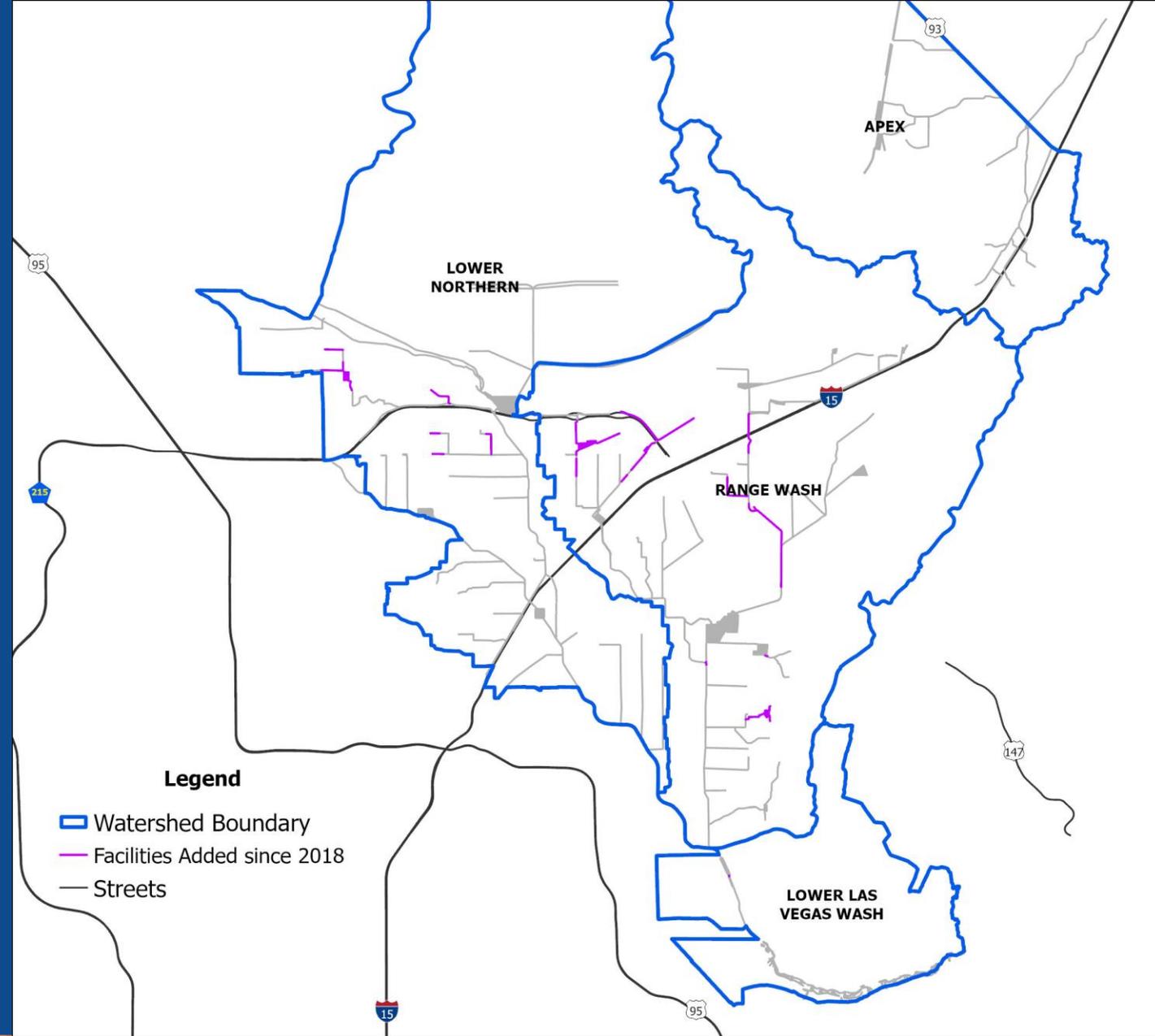
Lower Northern Las Vegas Wash, Range Wash, Lower Las Vegas Wash and Apex Watershed

Progress Made Since 2018

**14**  
miles  
of new  
conveyance  
facilities

**4**  
new  
detention  
basins

**\$ 122**  
million



# City of North Las Vegas

## Constructed to date

Approximately  
**91**  
miles  
conveyance facilities



**12**  
detention  
basins



Estimated value  
existing facilities

**\$1,190M**



## To be Constructed

Approximately  
**88**  
miles  
conveyance facilities



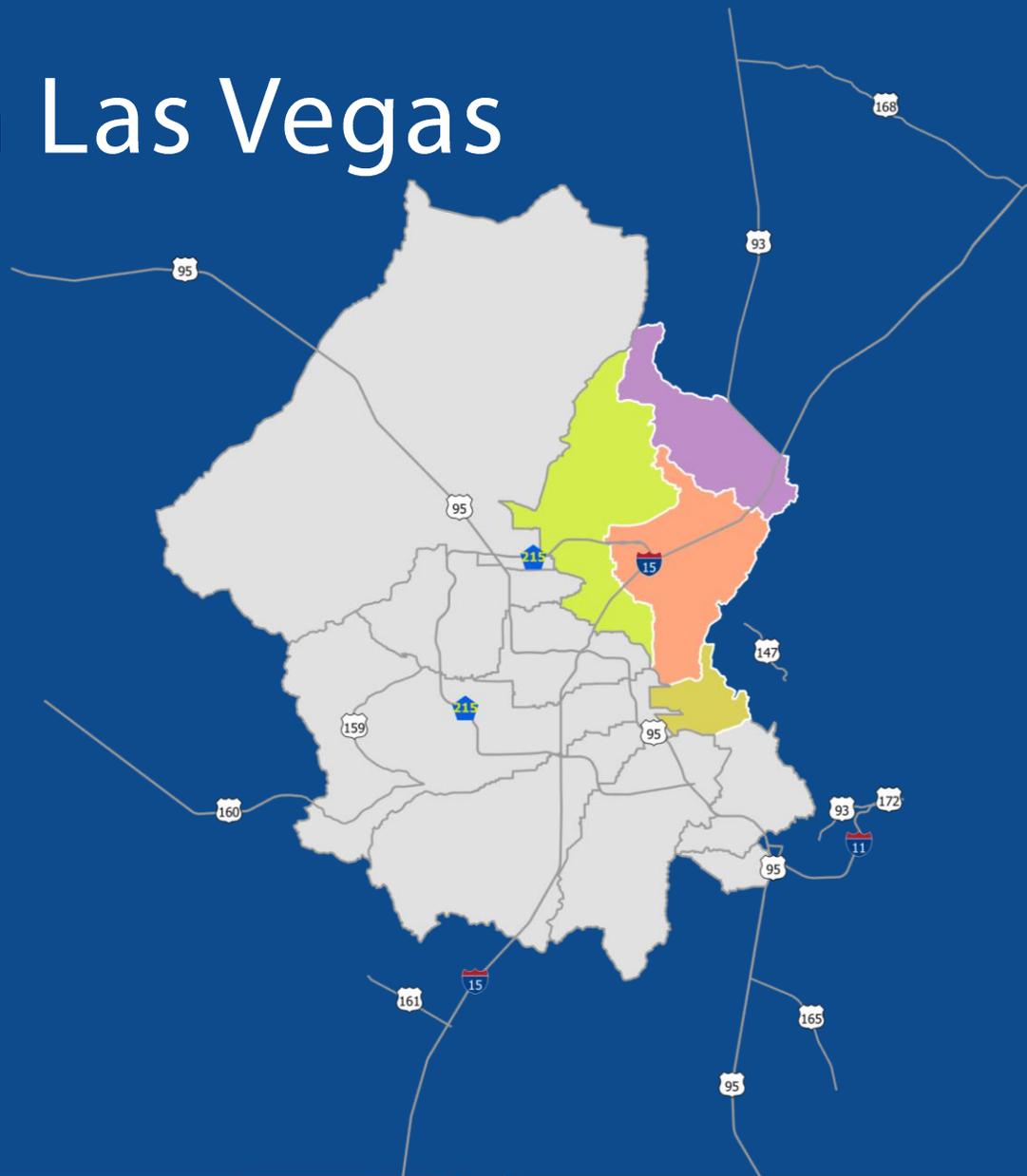
**9**  
detention  
basins



Estimated proposed  
construction costs

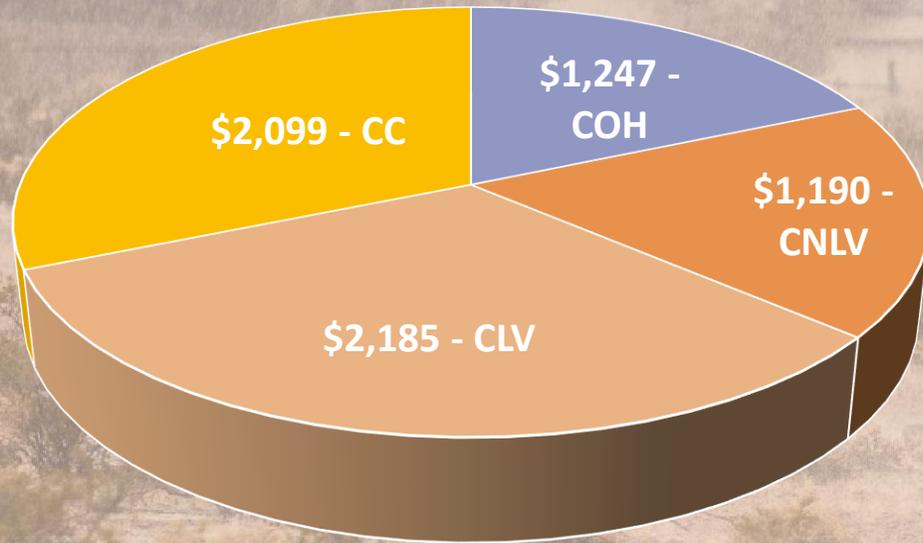


**\$1,223M**

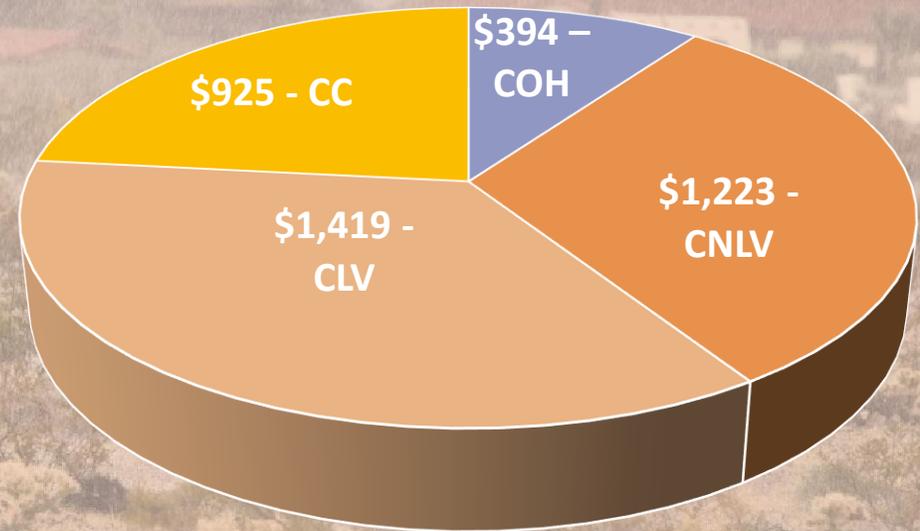


# Total Facility Cost by Entity

Total Existing Value \$6,721M



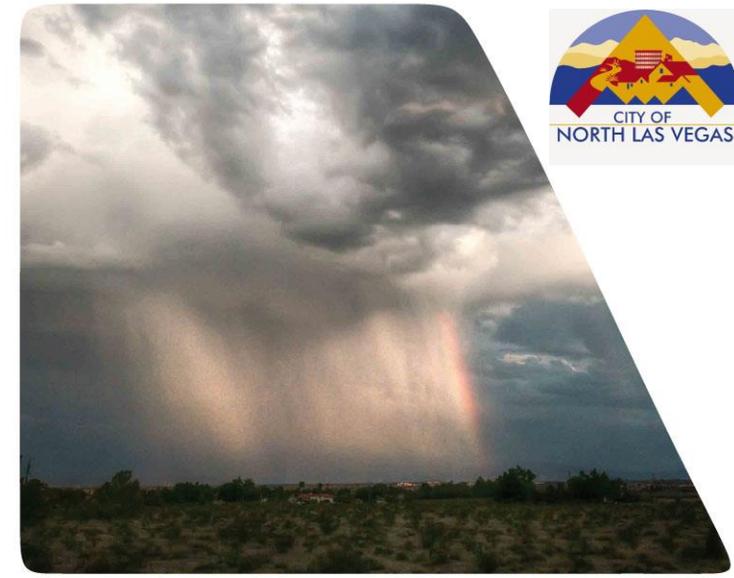
Total Proposed Costs \$3,961M



# 2023 Las Vegas Valley Flood Control Master Plan Update

Clark County Regional Flood Control District

Master Plan Update



# QUESTIONS?

