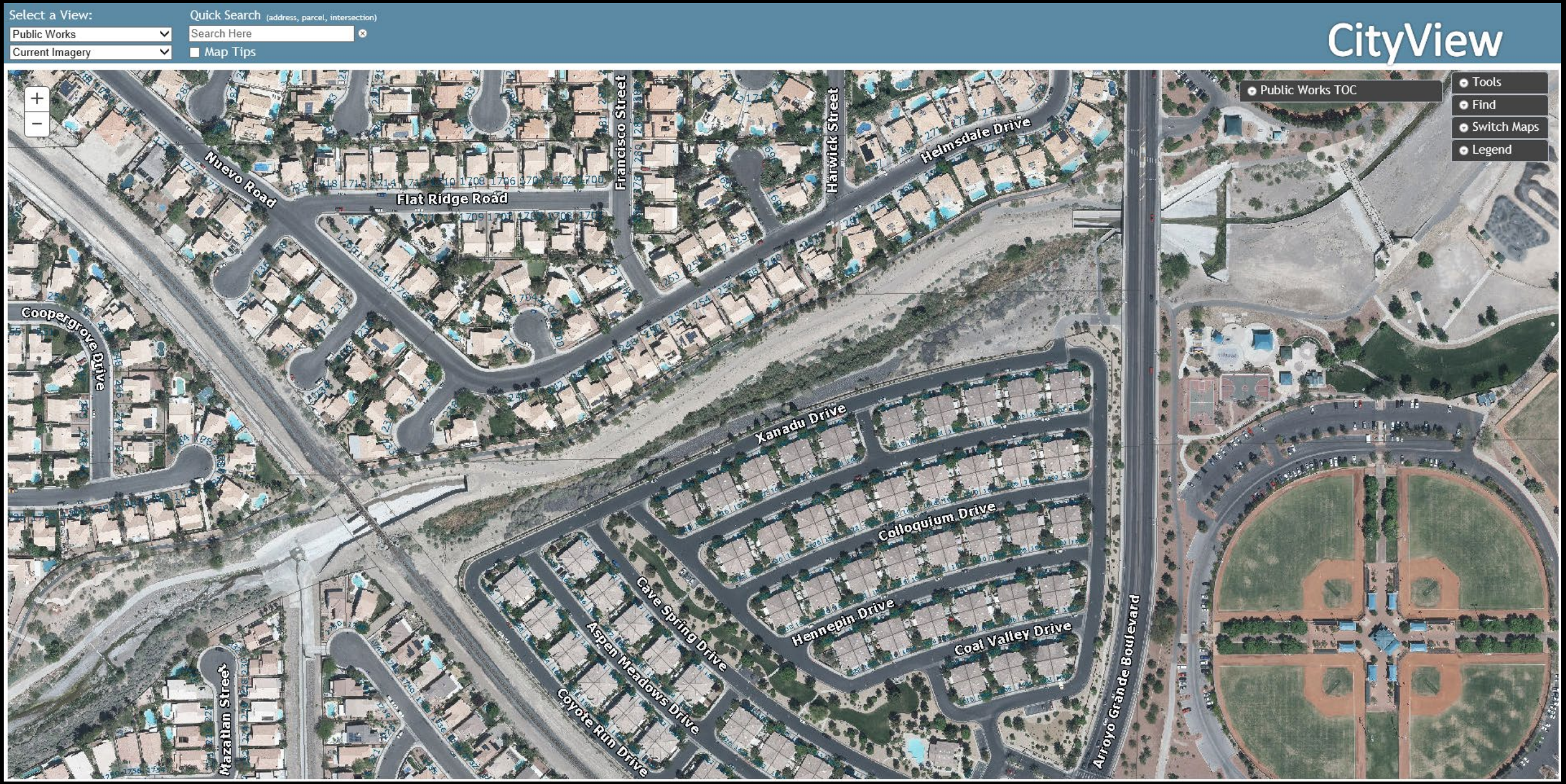
June 17, 2020

Upper Pittman Wash Stakeholder Group Meeting

Review of Maintenance Activity

Public Works Flood Control Maintenance
Nevada Division of Forestry



UPRR Trestle to Arroyo Grande

UPRR Trestle to Arroyo Grande

(looking north-westerly from Arroyo Grande)

April 20, 2020

July 14, 2020

UPRR Trestle to Arroyo Grande

(looking south-easterly)

April 20, 2020

July 14, 2020

UPRR Trestle to Arroyo Grande

(looking south-easterly)

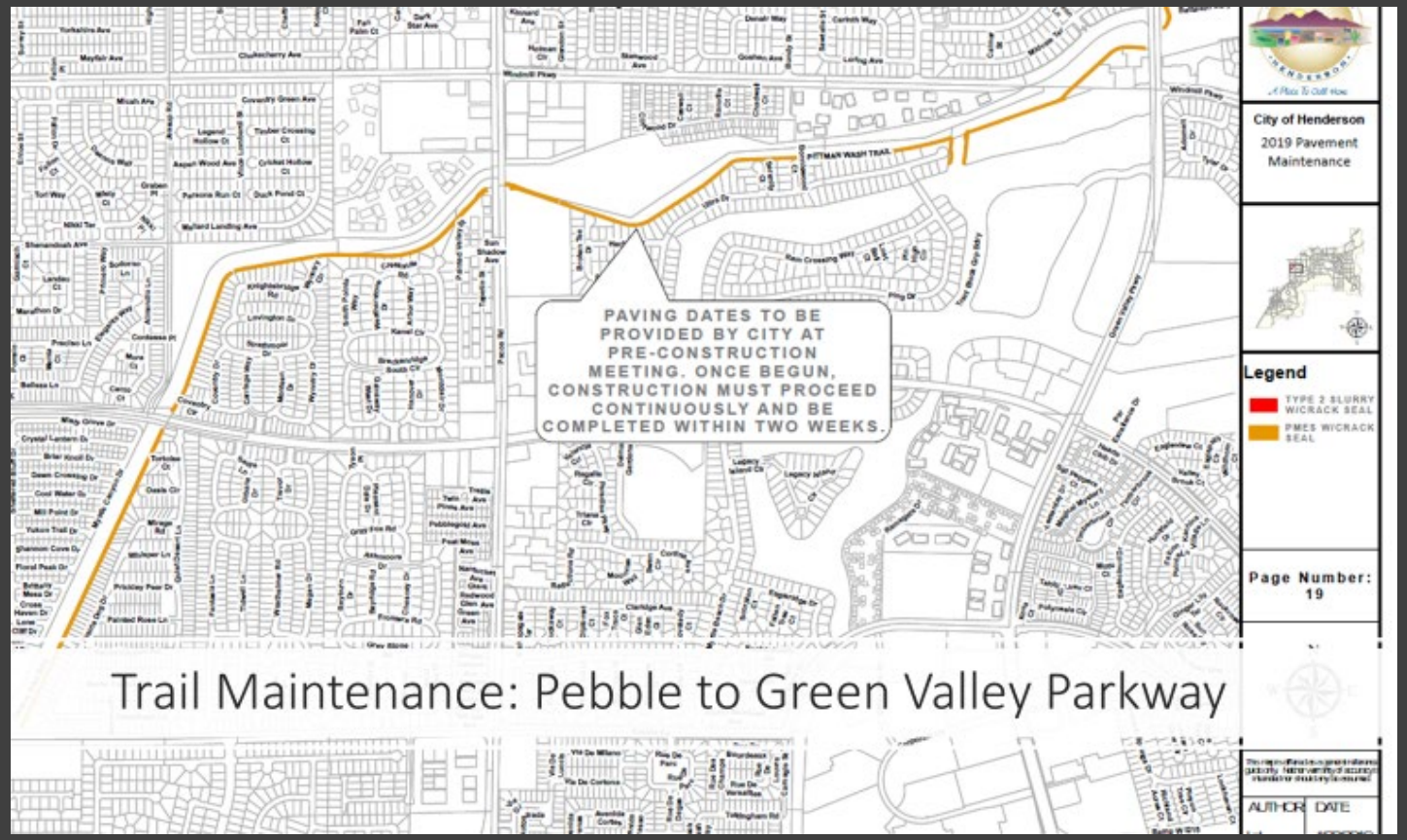
July 14, 2020

Can you find the sewer manhole?

Is there adequate access as we have discussed in previous presentations?

Review of Maintenance Activity

Public Works / Parks & Recreation



Green Valley Parkway
(looking westerly)

November 2019 Stakeholder Meeting

Striping will occur on Monday, July 20, 2020

Review of Maintenance Activity

Parks & Recreation Maintenance

Trail Signage

Open Discussion

Permitting and Associated Environmental Requirements for Maintenance Activities

Albert Jankowiak, P.E.

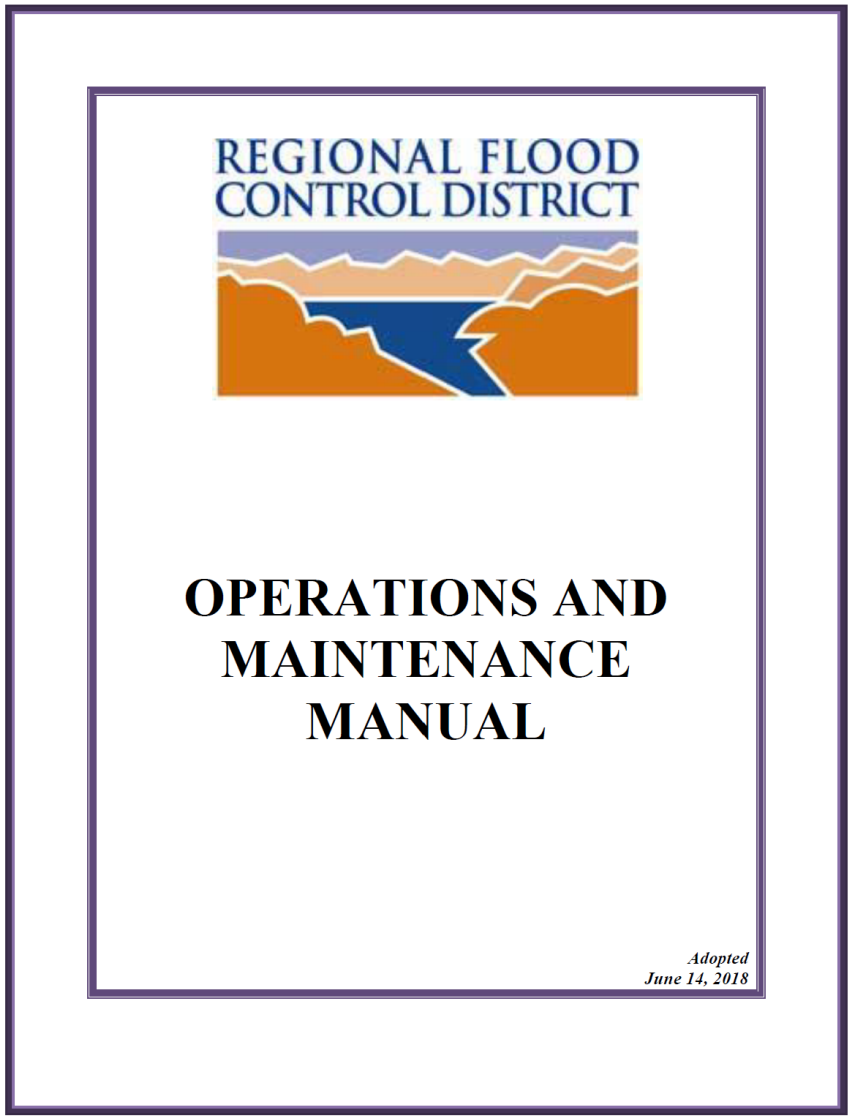
ENVIRONMENTAL PERMITTING FOR MAINTENANCE ACTIVITIES

BACKGROUND

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT OPERATIONS AND MAINTENANCE MANUAL

- The document sets forth both policies and procedures by which the maintenance of the drainage and flood control facilities will be achieved to assure their proper working order at the time of need and complies with the provisions of NRS 543.340(4).
- The City follows the policies and procedures of the document as a partner agency of the CCRFCD.

GOAL: ASSURE THAT FACILITIES IN THE MASTER PLAN ARE MAINTAINED IN A MANNER THAT MAXIMIZES THEIR USEFUL LIFE AND ENSURES THEIR OPERATION AT DESIGN CAPACITY DURING A STORM EVENT.



CONSIDERATIONS

PUBLIC SAFETY

- OPERATIONAL EFFICIENCY
- REPAIR/REHABILITATION/REPLACEMENT
- VECTOR CONTROL
- FIRE PROTECTION

INSPECTION AND MAINTENANCE

- RECURRENCE
- ACCESS

ENVIRONMENTAL

- WATER QUALITY
- BIOLOGICAL RESOURCES
- INVASIVE SPECIES

401 WATER QUALITY CERTIFICATION

AUTHORIZES

- Necessary routine maintenance activities undertaken with the use of tracked or wheeled vehicles for maintenance activities
- Use of temporary mats, structures, fill, and work to conduct maintenance work

ENVIRONMENTAL CONDITIONS

- Notice of Intent (Similar to PCN)
- Protect Riparian vegetation when possible
- Threatened and Endangered Species
- Erosion and sediment control in stream zones, stream banks, and wetlands
- Dredged material stored and disposed of off site
- Best Management Practices
- Equipment
- Suitable material
- Quarterly report on activities

NATIONWIDE PERMIT 3

AUTHORIZES

- The repair, rehabilitation, or replacement of any previously authorized, currently serviceable structure or fill.
- The removal of accumulated sediment and debris within, and in the immediate vicinity of, the structure or fill.
- The repair, rehabilitation, or replacement of those structures or fills destroyed or damaged by storms, floods, fire or other discrete events
- The removal of accumulated sediments and debris up to 200-feet outside the immediate vicinity of existing structures.
- Temporary structures, fills, and work necessary to conduct the maintenance activity.

DOES NOT AUTHORIZE

- Maintenance dredging for the primary purpose of navigation.
- Beach restoration.
- New stream channelization or stream relocation projects.

ENVIRONMENTAL CONDITIONS

- Pre-Construction Notification: Required for work outside of existing structure
- Written Verification Required
- Special Conditions
- Section 401 Water Quality Certification
- Aquatic Life: Life cycle movements, spawning Areas, shellfish Beds
- Migratory bird breeding areas
- Migratory Bird Treaty Act and Bald and Golden Eagle Protection Act
- Threatened and Endangered Species
- Management of Water Flows
- Best Management Practices
- Equipment
- Suitable material
- Proper Maintenance

REGIONAL GENERAL PERMIT 7

AUTHORIZES

- Permanent and temporary discharges of dredged or fill material into waters of the U.S., including wetlands, needed to construct or maintain flood control facilities funded by or constructed in accordance with the CCRFCD program. Activity Limitations are:
    - Within the Las Vegas Valley Urban Boundary: The proposed activity shall not exceed 1 acre of wetlands, 5,000 linear feet of perennial or intermittent drainages, or 7,500 linear feet of ephemeral drainages.
    - In all other areas within Clark County: The proposed activity shall not exceed 1,000 linear feet of ephemeral drainages.

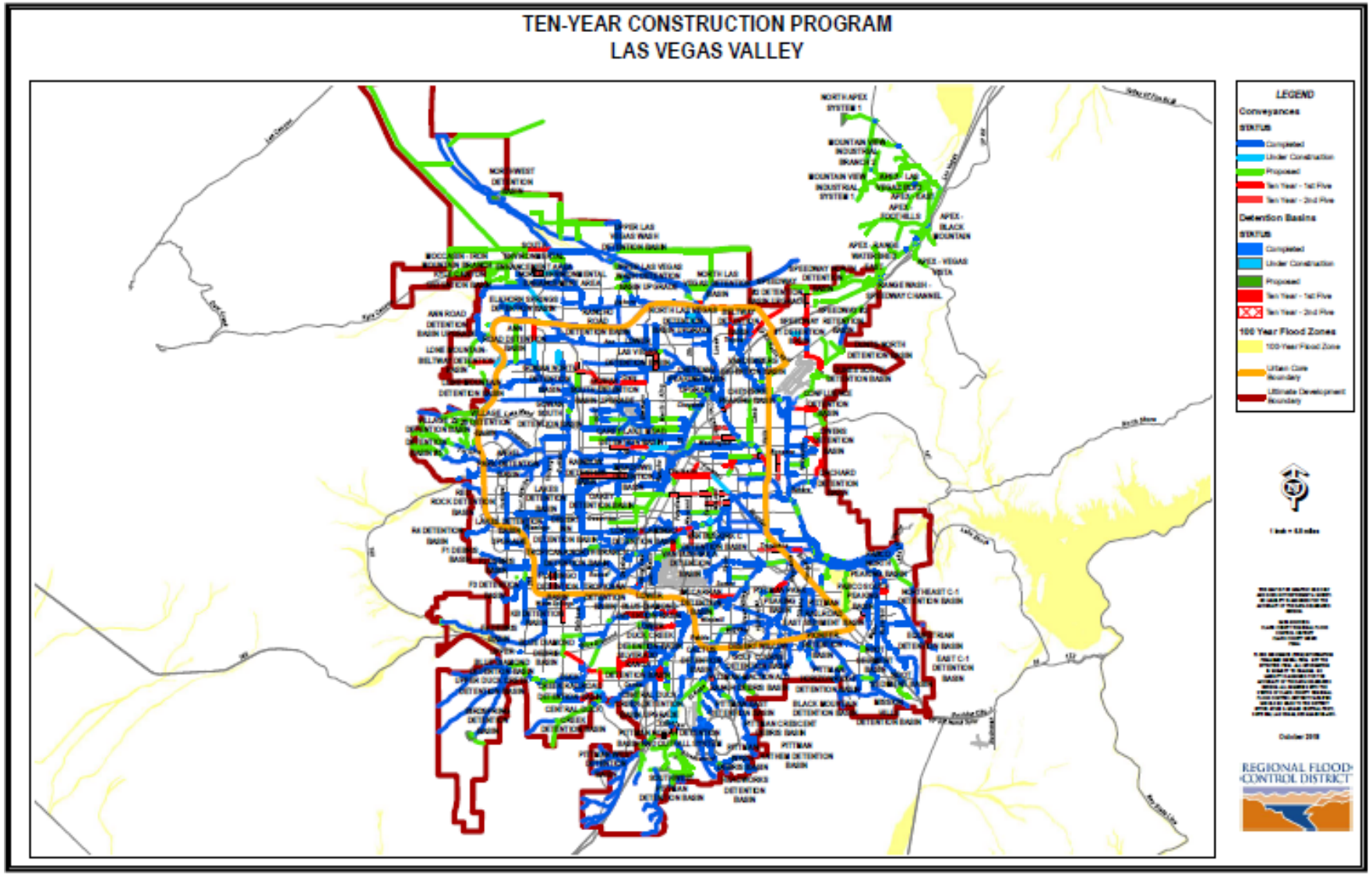
DOES NOT AUTHORIZE

- Activities conducted without a Department of Army permit
- Activities in Water of the United States that are subject to an ongoing federal enforcement action

ENVIRONMENTAL CONDITIONS

- Pre-Construction Notification: New construction and dredging
- Written Verification Required
- Special Conditions
- Section 401 Water Quality Certification
- Migratory Bird Treaty Act and Bald and Golden Eagle Protection Act
- Threatened and Endangered Species
- Best Management Practices
- Mitigation
- Identify Activity Limits
- Equipment
- Suitable material
- Proper Maintenance

REGIONAL PERMIT PERMIT 7



CONCLUSIONS

- ENVIRONMENTAL CONSIDERATIONS ARE A PART OF MAINTENANCE PLANNING AND IMPLEMENTATION
- PERMITS HAVE SIMILAR/OVERLAPPING ENVIRONMENTAL CONDITIONS
- THERE ARE REPORTING REQUIREMENTS TO PERMITTING AUTHORITY FOR WORK ACTIVITIES

Questions?