

**Clark County
Regional Flood Control District**

Citizens Advisory Committee

May 27, 2021



Item # 14

- Action to adopt the Prioritization of Projects, Ten-Year Construction Program and Fiscal Year 2021-2022 Project List and take any action deemed appropriate (***For possible action***)



REGIONAL FLOOD CONTROL DISTRICT

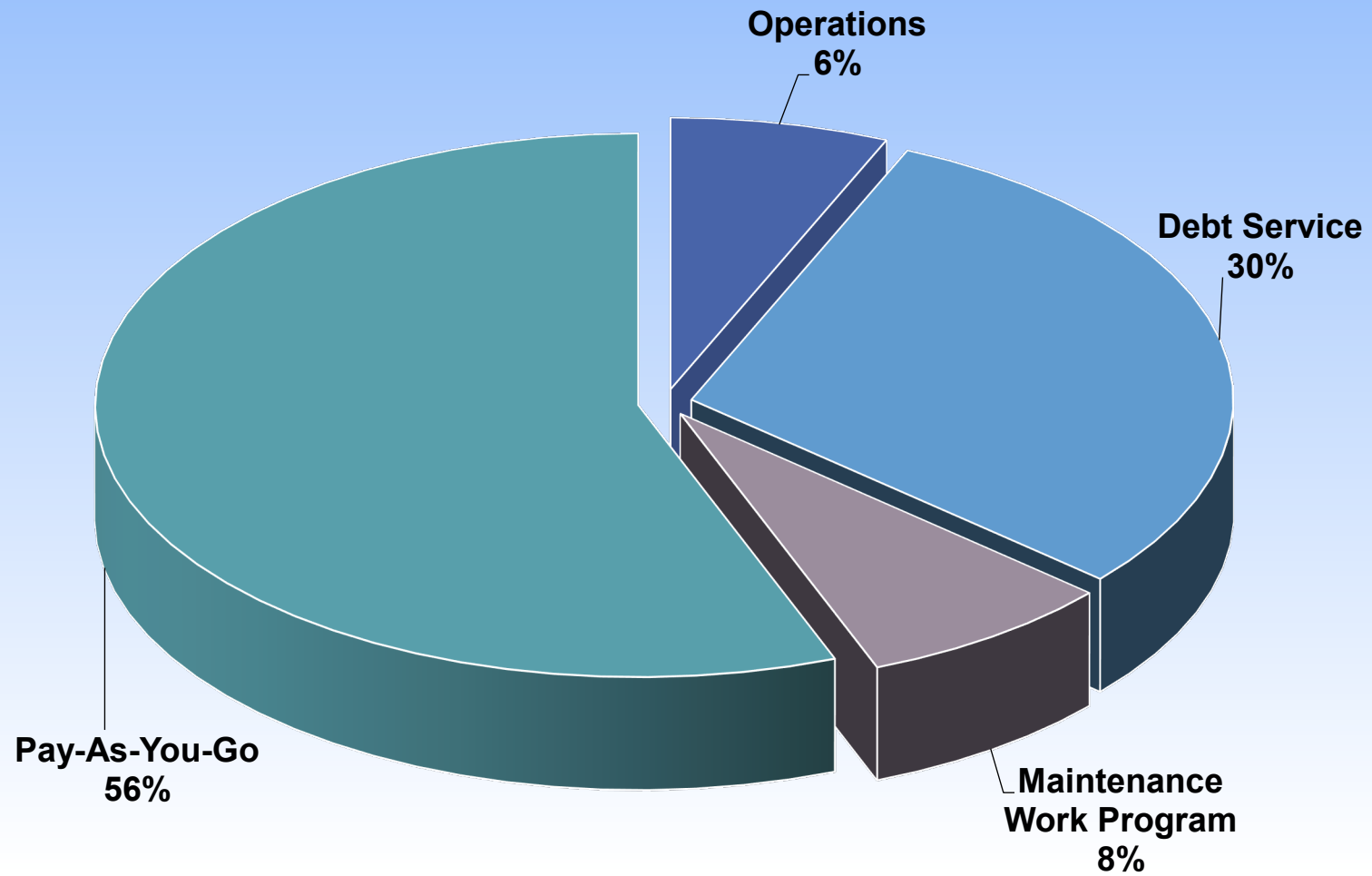


TEN YEAR CONSTRUCTION PROGRAM

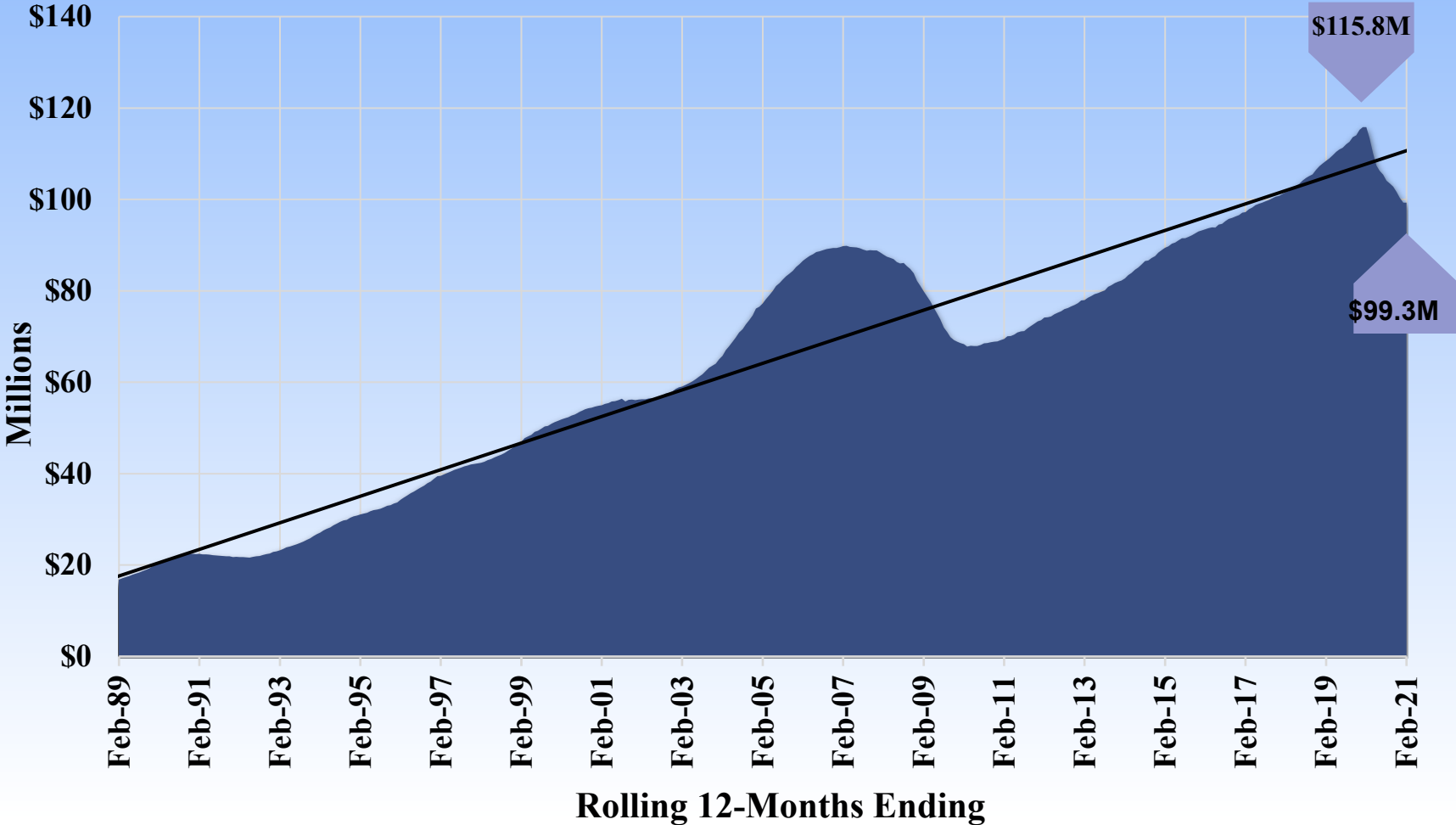
Fiscal Year

2022 through 2031

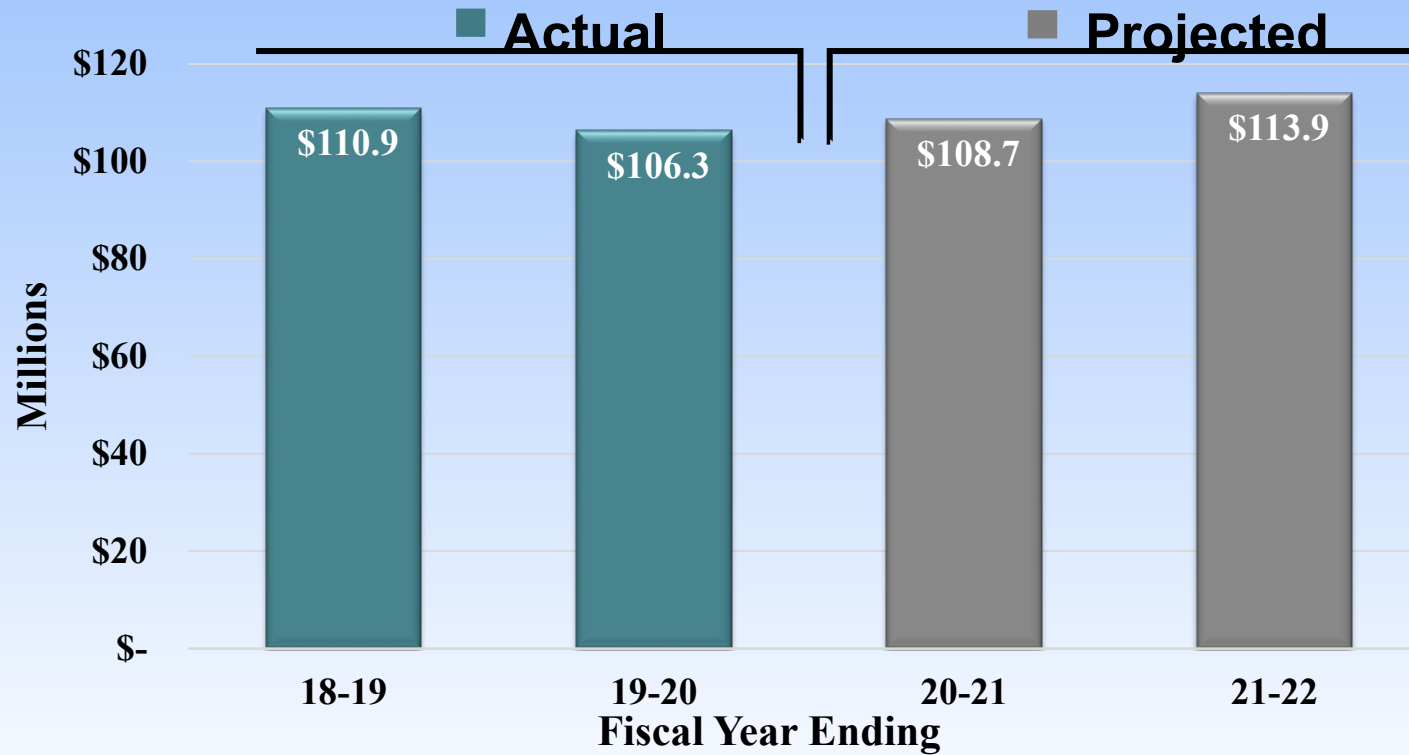
Historical Annual Expenditures



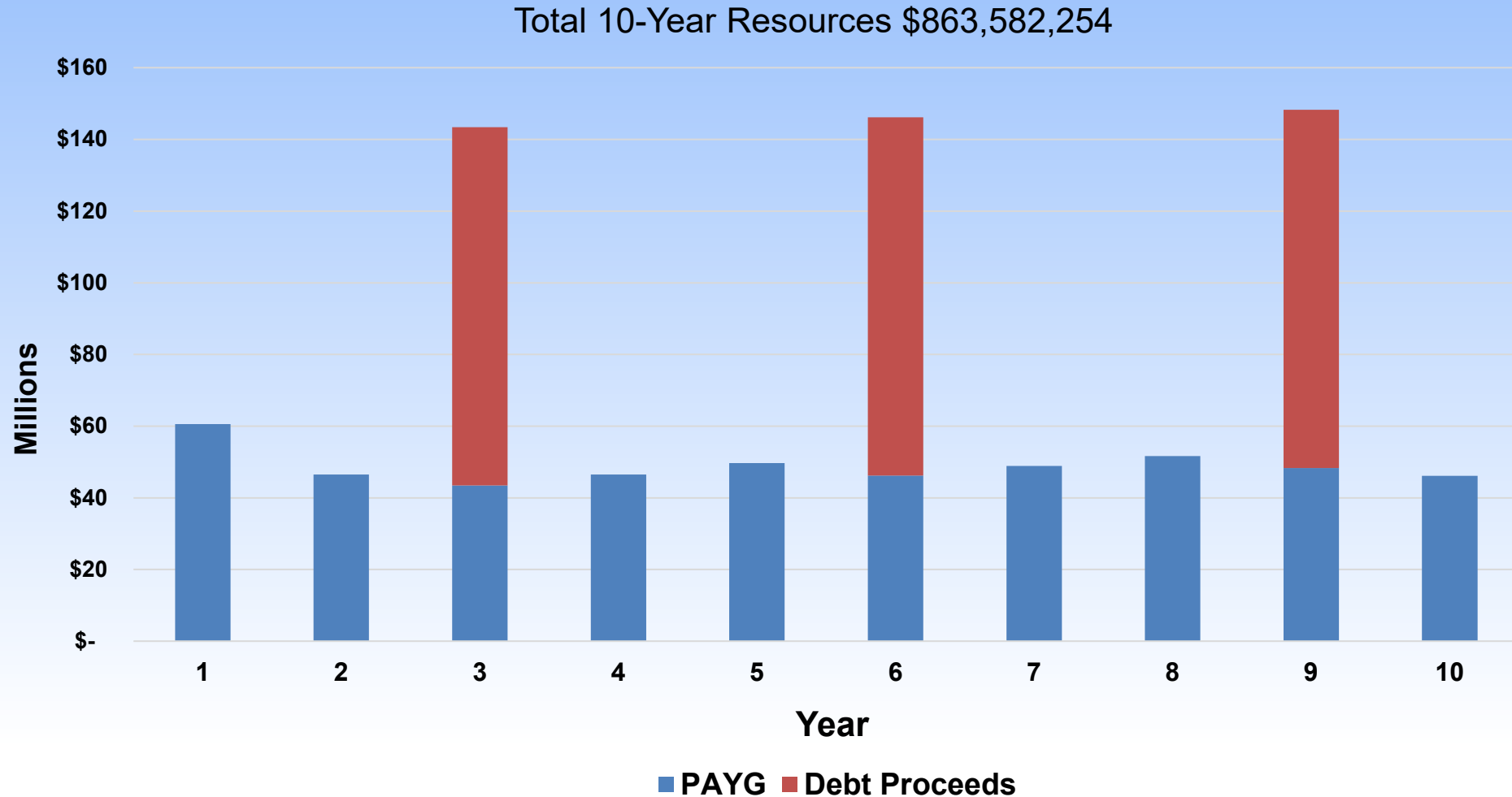
Rolling 12-Month Total Sales Tax Revenue Inception-to-Date



Sales Tax Revenue Actual & Projected

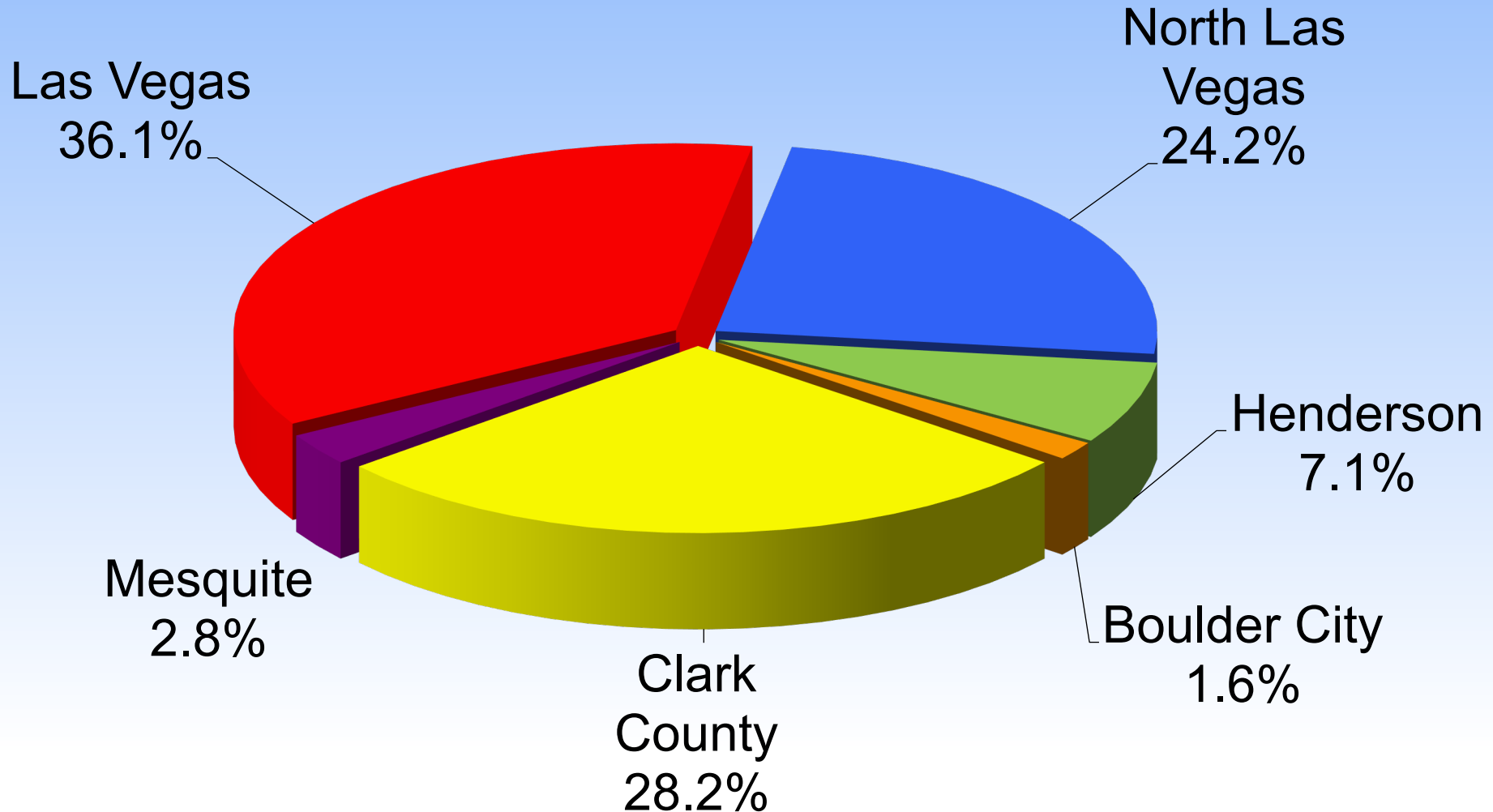


FY 2021-22 Total 10-Year Resources



Prorated Share of Funding

Based on estimated 2018 Master Plan costs of facilities remaining to be constructed



Project Prioritization Criteria

- **Population Affected**
- **Assessed Land Value Impacted**
- **Public Perception of Need**
- **Emergency Access and Public Inconvenience**
- Availability of Other Funding Sources
- Interrelationship to Other Projects
- Timing and Implementation
- Environmental Enhancement
- Annual Maintenance
- Cost Avoidance

Pittman Wash and C1 Planning Areas



2021/22 Project List

City of Henderson

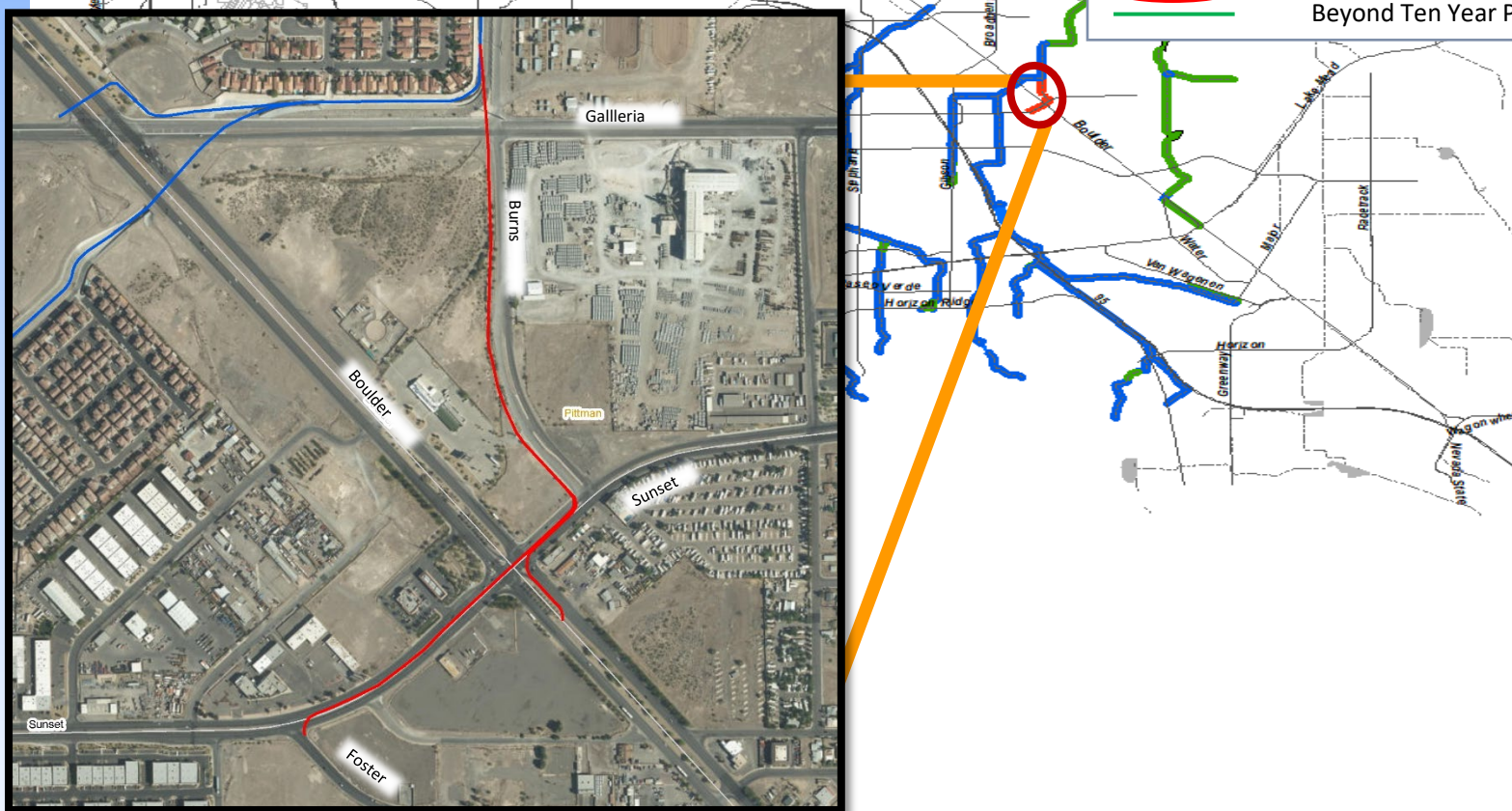
Pittman Planning Area

Legend

Existing Facilities (Blue)

Proposed Facilities

- Ten Year Plan (Red)
- First Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)



Galleria to Sunset

Pittman Sunset, Burns to Foster



2021/22 Project List

City of Henderson

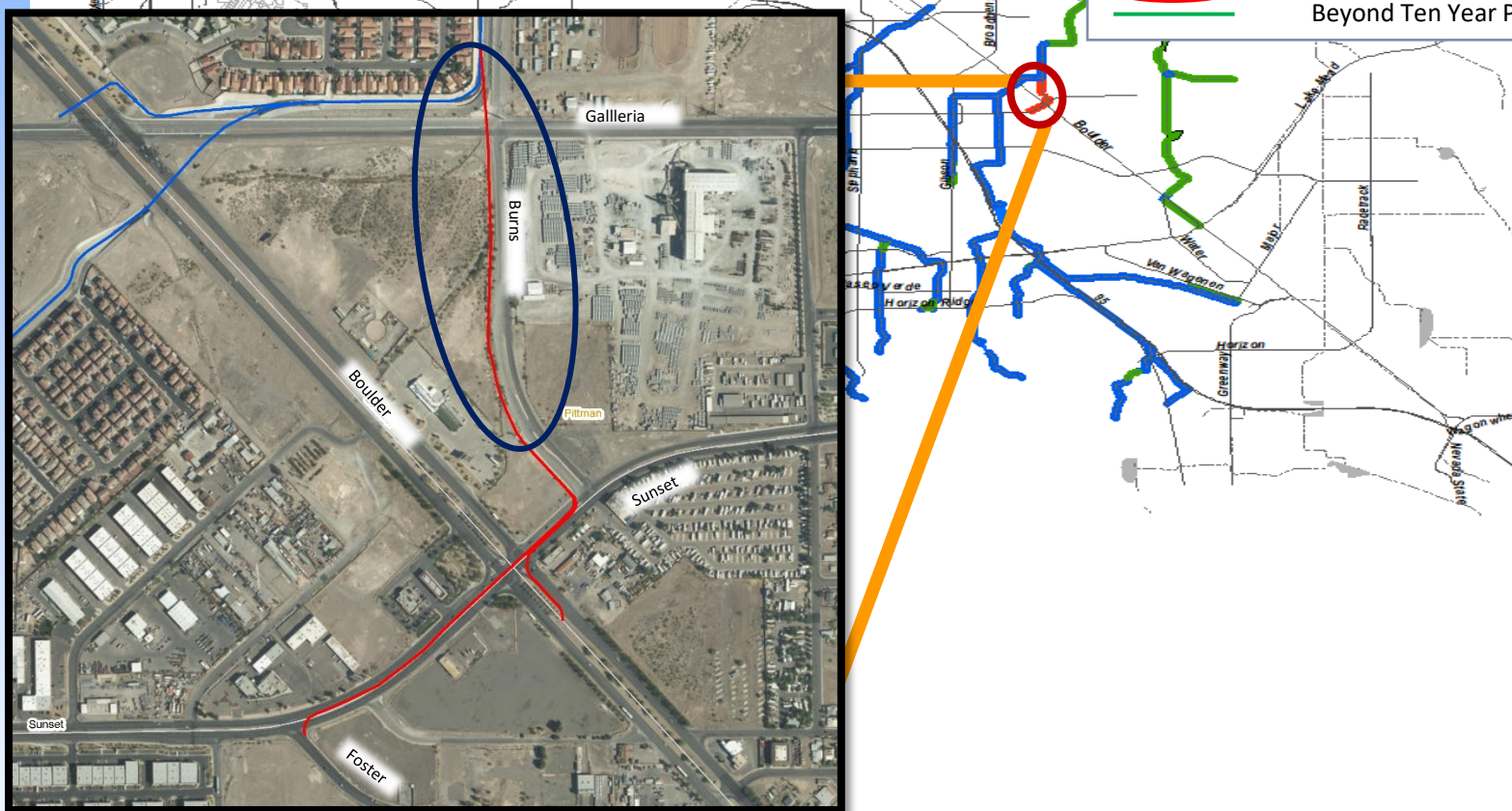
Pittman Planning Area

Legend

Existing Facilities (Blue)

Proposed Facilities

- Ten Year Plan (Red)
- First Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)



Galleria to Sunset

Pittman Sunset, Burns to Foster



2021/22 Project List

City of Henderson

Pittman Planning Area

Legend

Existing Facilities (Blue)

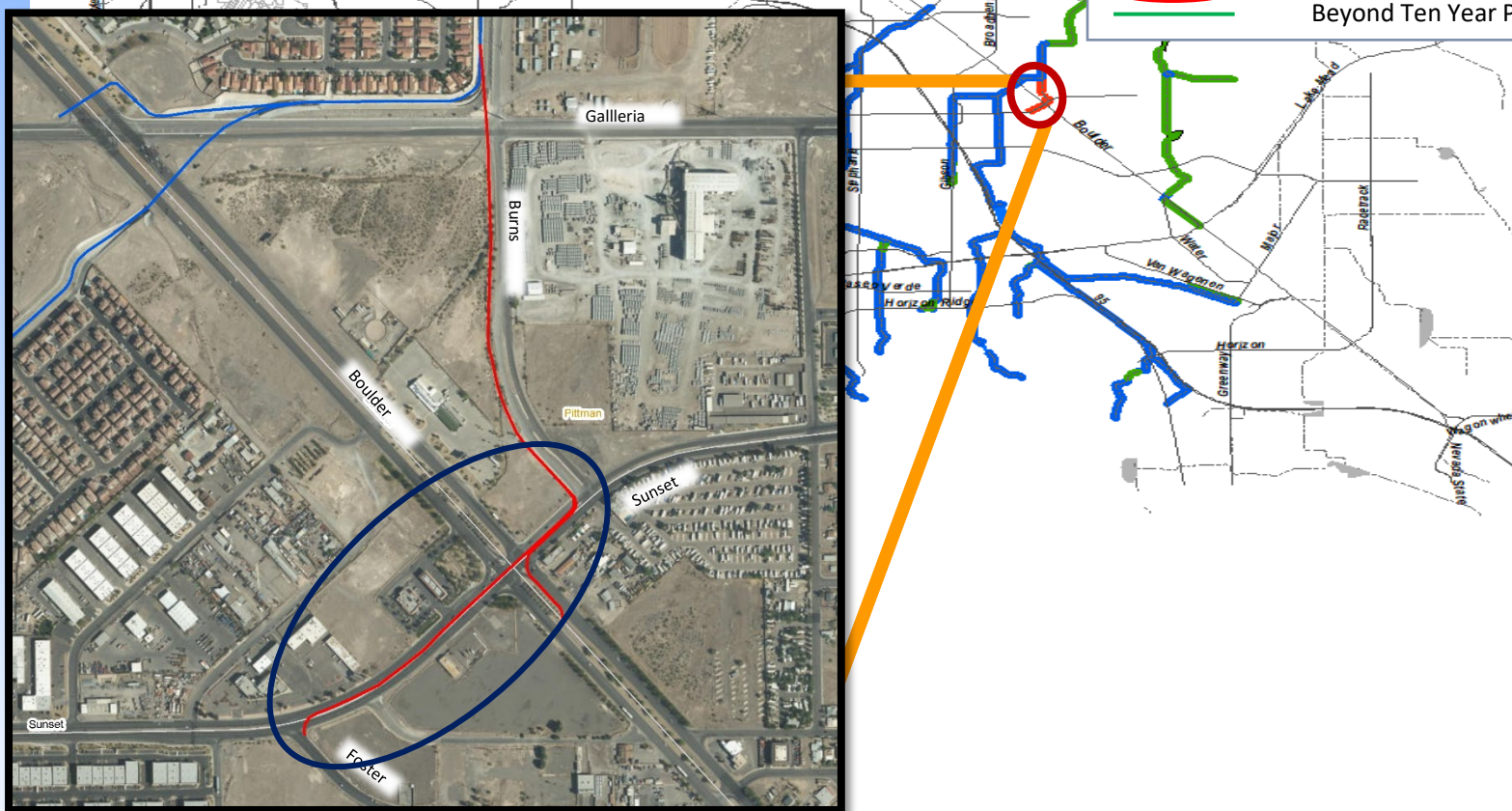
Proposed Facilities



Ten Year Plan (Red)

First Year Eligible (Red Oval)

Beyond Ten Year Plan (Green)



Galleria to Sunset

Pittman Sunset, Burns to Foster



2021/22 Project List

City of Henderson

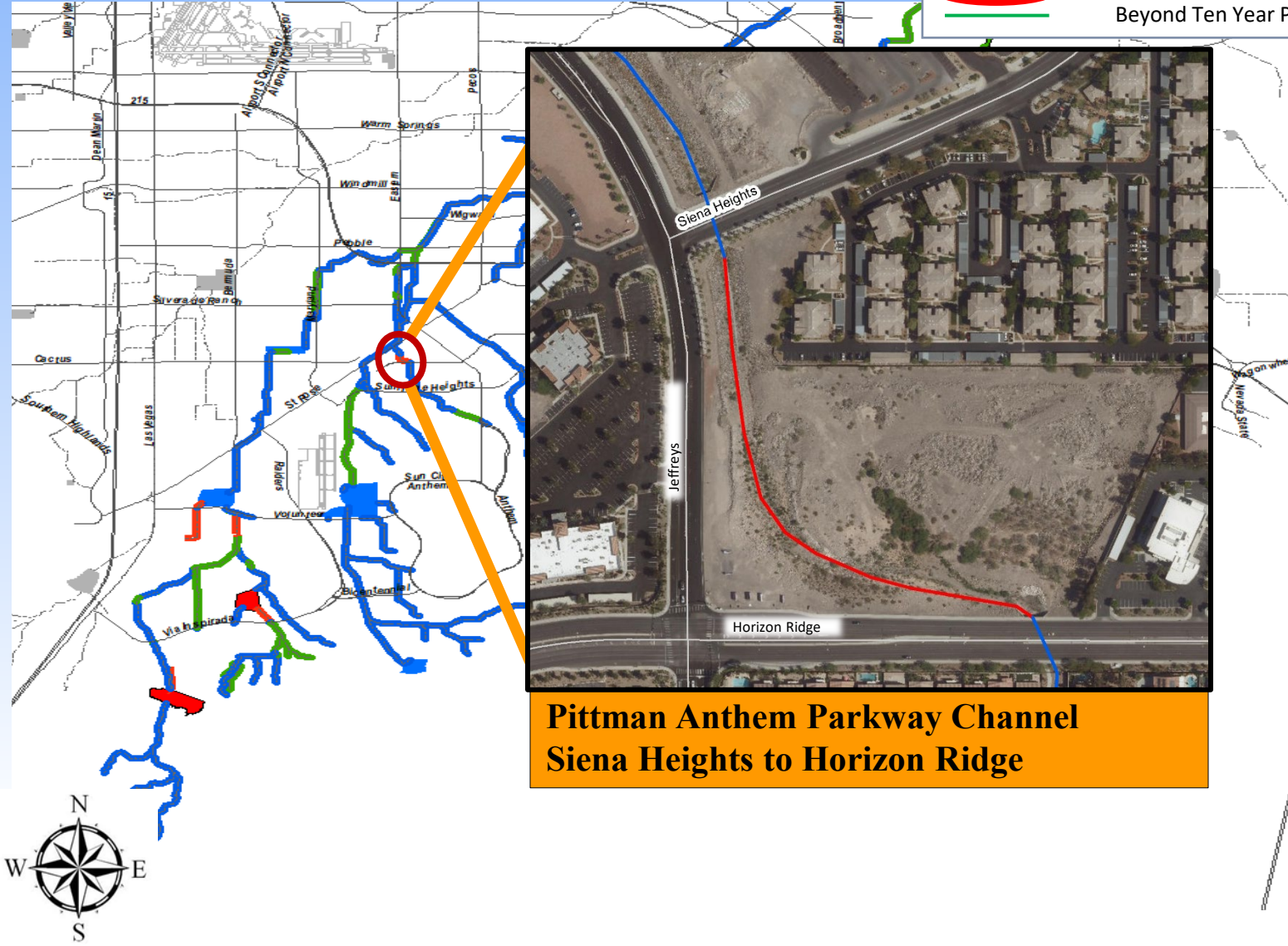
Pittman Planning Area

Legend

Existing Facilities (Blue)

Proposed Facilities

- Ten Year Plan (Red)
- First Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)



**Pittman Anthem Parkway Channel
Siena Heights to Horizon Ridge**

City of Henderson FY 2021/22

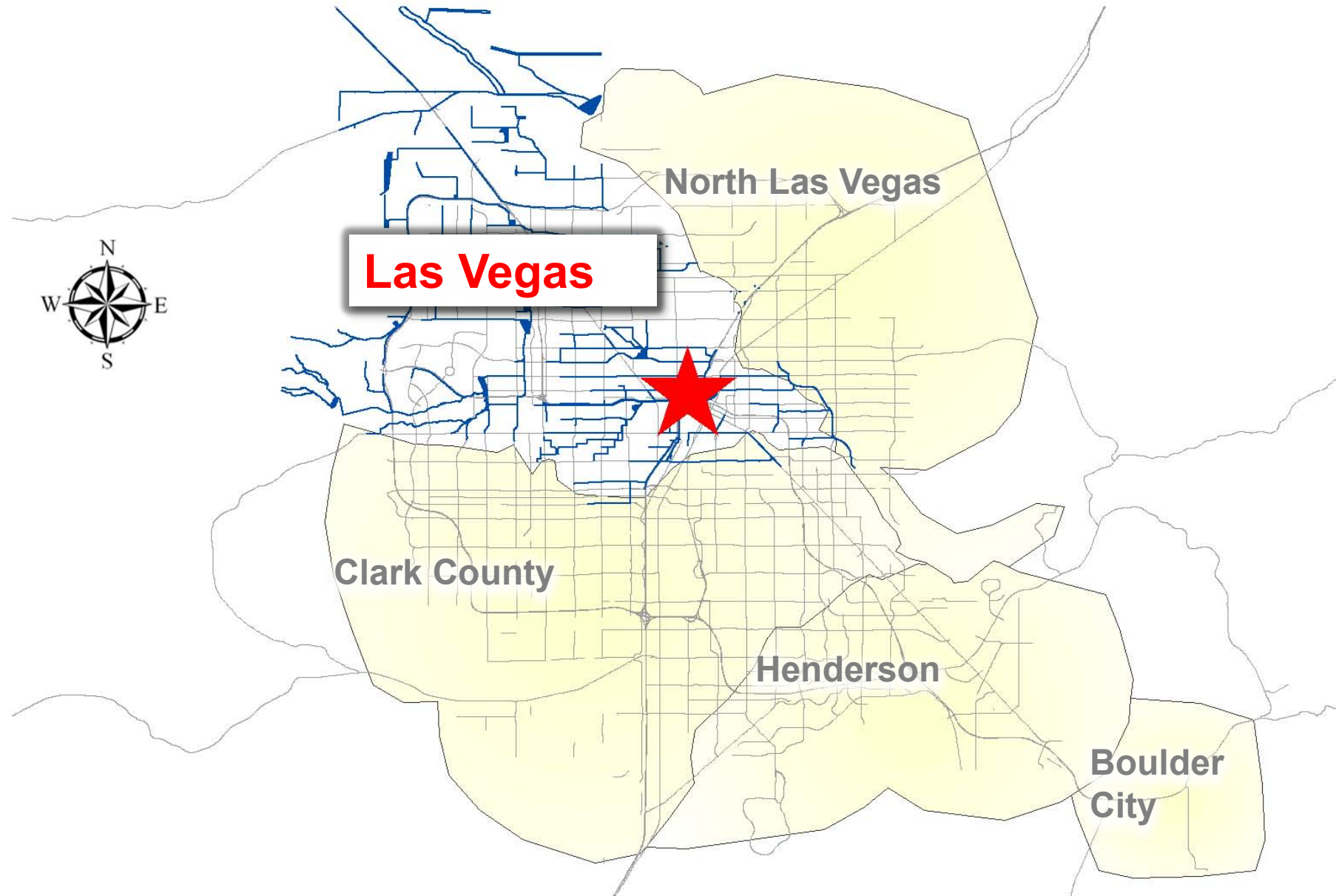
First Year Eligible

3 Construction Projects

\$8,245,085

10-Year Plan Total \$44,447,363

Gowan, Central, and Upper North Planning Areas



2021/22 Project List

City of Las Vegas

Central Planning Area

Legend

Existing Facilities (Blue)

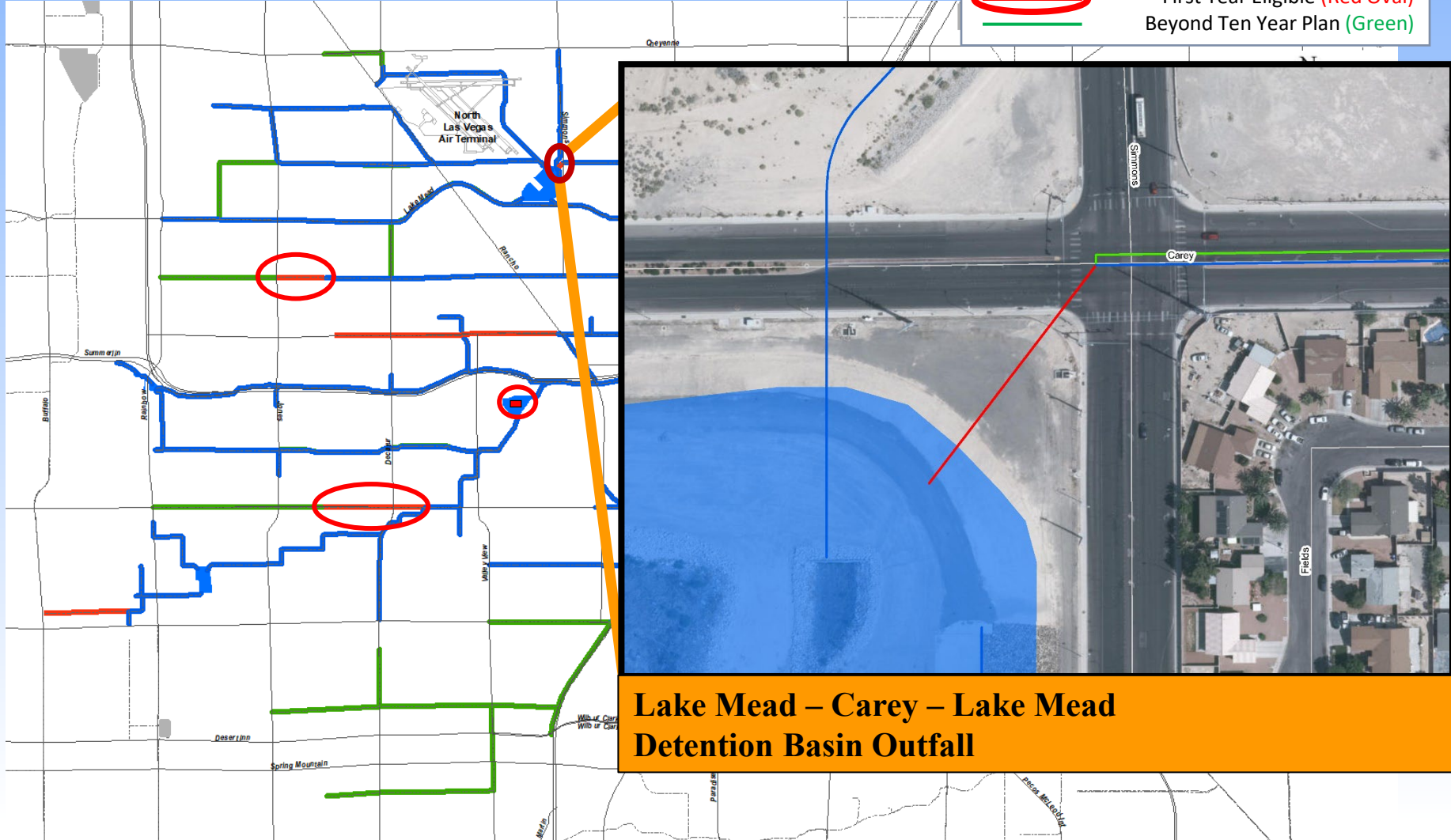
Proposed Facilities



Ten Year Plan (Red)

First Year Eligible (Red Oval)

Beyond Ten Year Plan (Green)



**Lake Mead – Carey – Lake Mead
Detention Basin Outfall**

2021/22 Project List

City of Las Vegas

Central Planning Area

Legend

Existing Facilities (Blue)

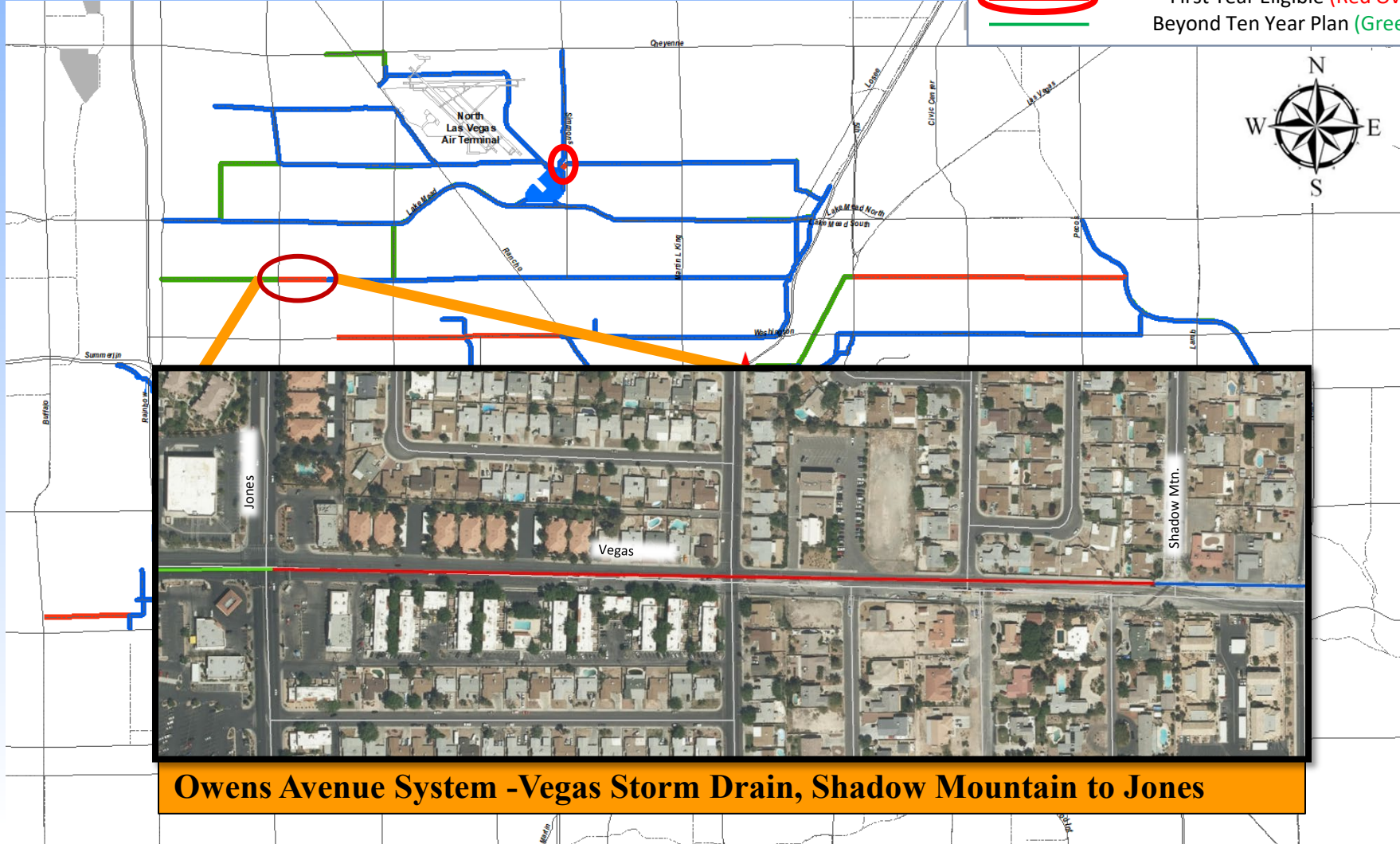
Proposed Facilities



Ten Year Plan (Red)

First Year Eligible (Red Oval)

Beyond Ten Year Plan (Green)



Owens Avenue System - Vegas Storm Drain, Shadow Mountain to Jones

2021/22 Project List

City of Las Vegas

Central Planning Area

Legend

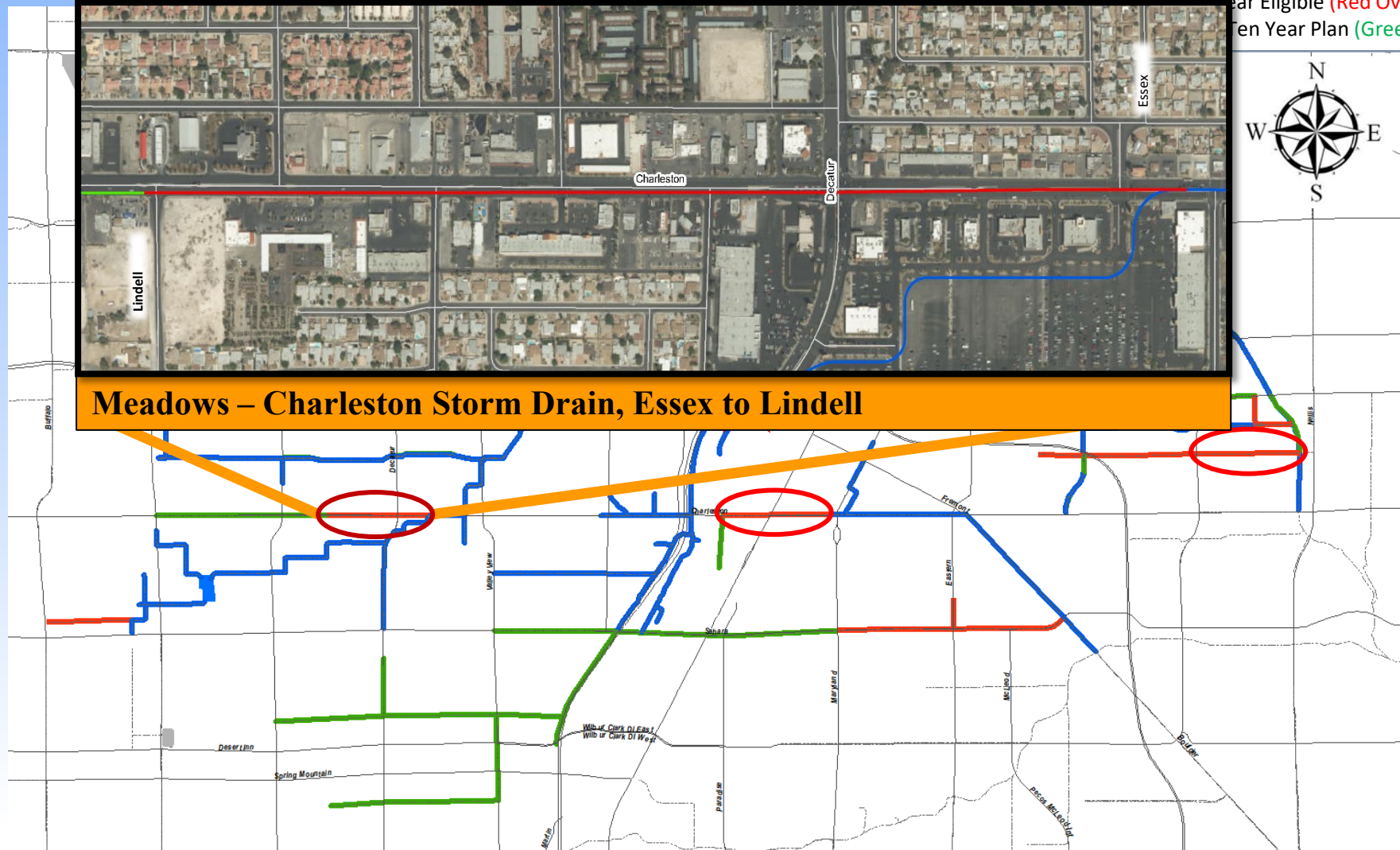
Existing Facilities (Blue)

Proposed Facilities

Ten Year Plan (Red)

First Year Eligible (Red Oval)

Ten Year Plan (Green)



2021/22 Project List

City of Las Vegas

Legend

Existing Facilities (Blue)

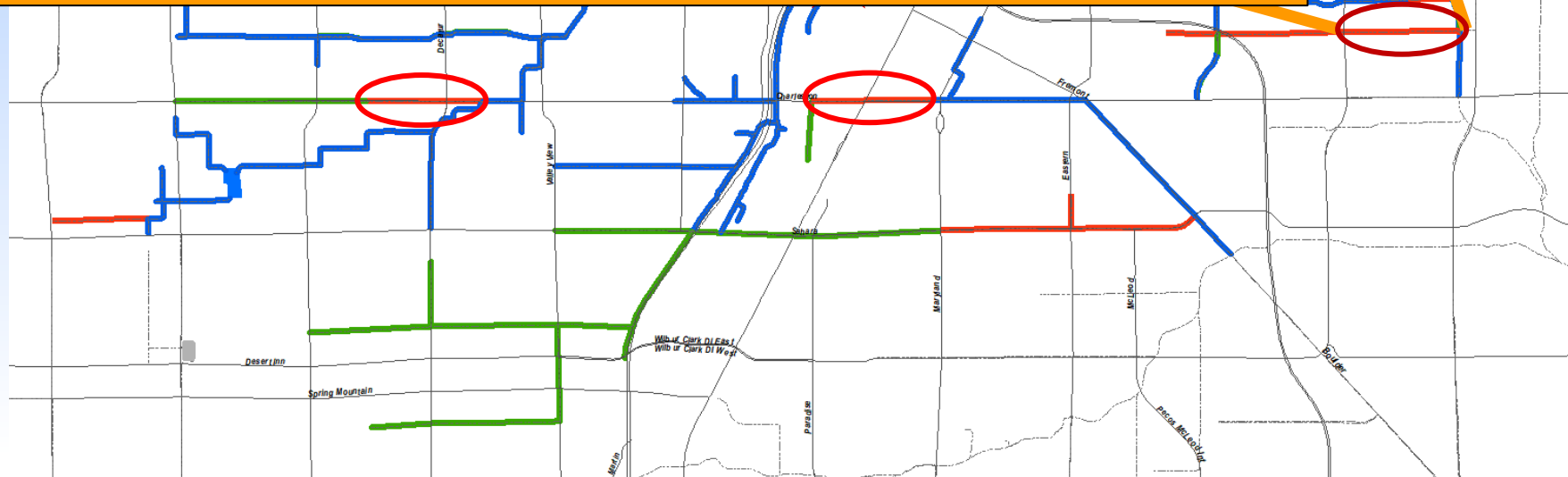
Ten Year Plan (Red)

First Year Eligible (Red Oval)

Beyond Ten Year Plan (Green)



Las Vegas Wash – Stewart, Las Vegas Wash to Lamb



2021/22 Project List

City of Las Vegas

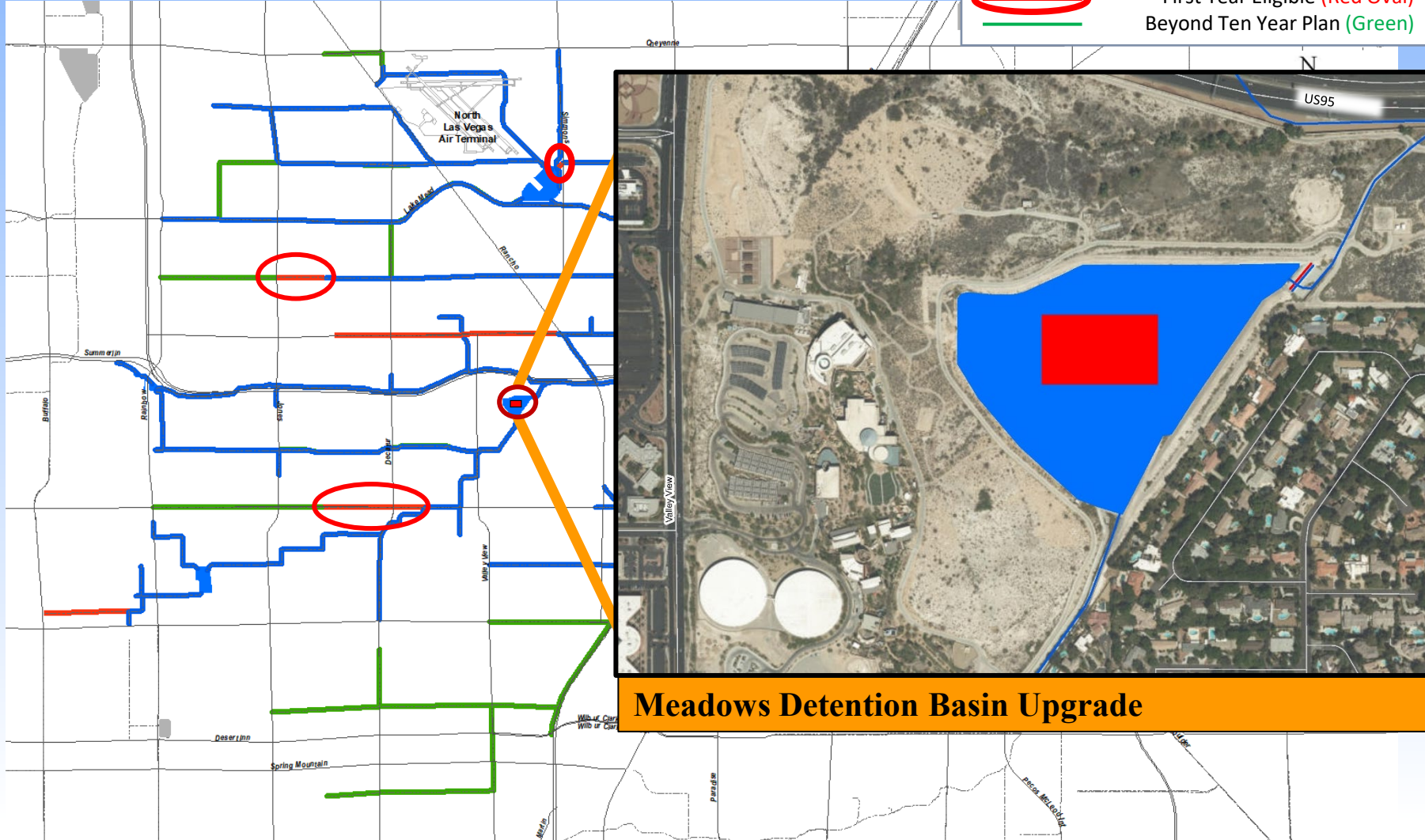
Central Planning Area

Legend

Existing Facilities (Blue)

Proposed Facilities

- Ten Year Plan (Red)
- First Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)



Meadows Detention Basin Upgrade

2021/22 Project List

City of Las Vegas

Legend

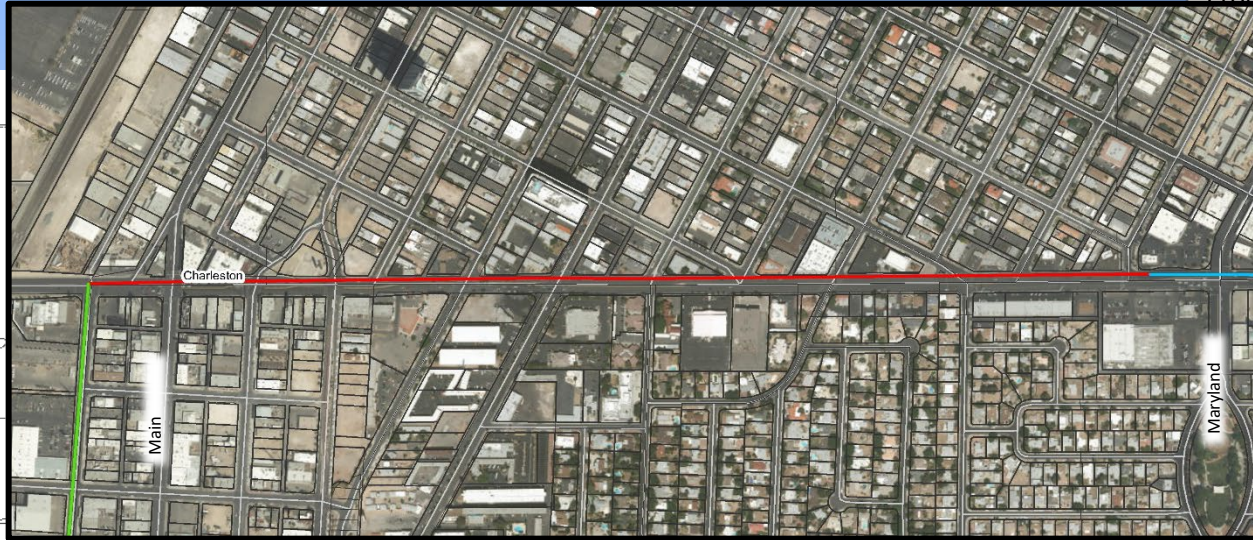
Existing Facilities (Blue)

Proposed Facilities

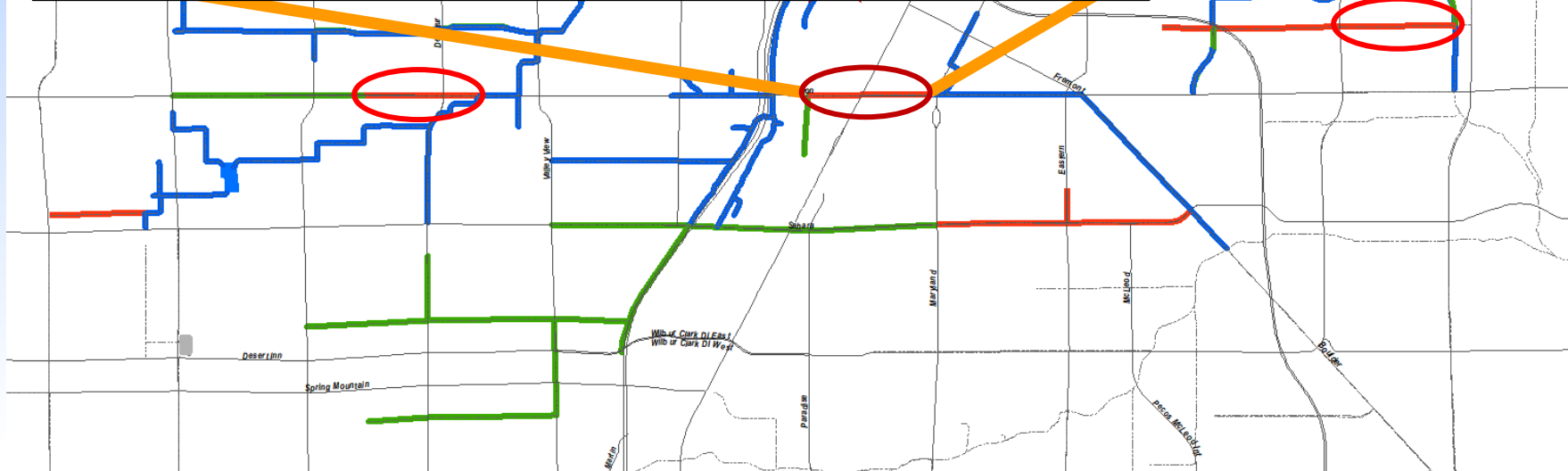
Ten Year Plan (Red)

First Year Eligible (Red Oval)

Beyond Ten Year Plan (Green)



Boulder Highway North, Charleston – Main To Maryland



2020/21 Project List

City of Las Vegas

Gowan Planning Area

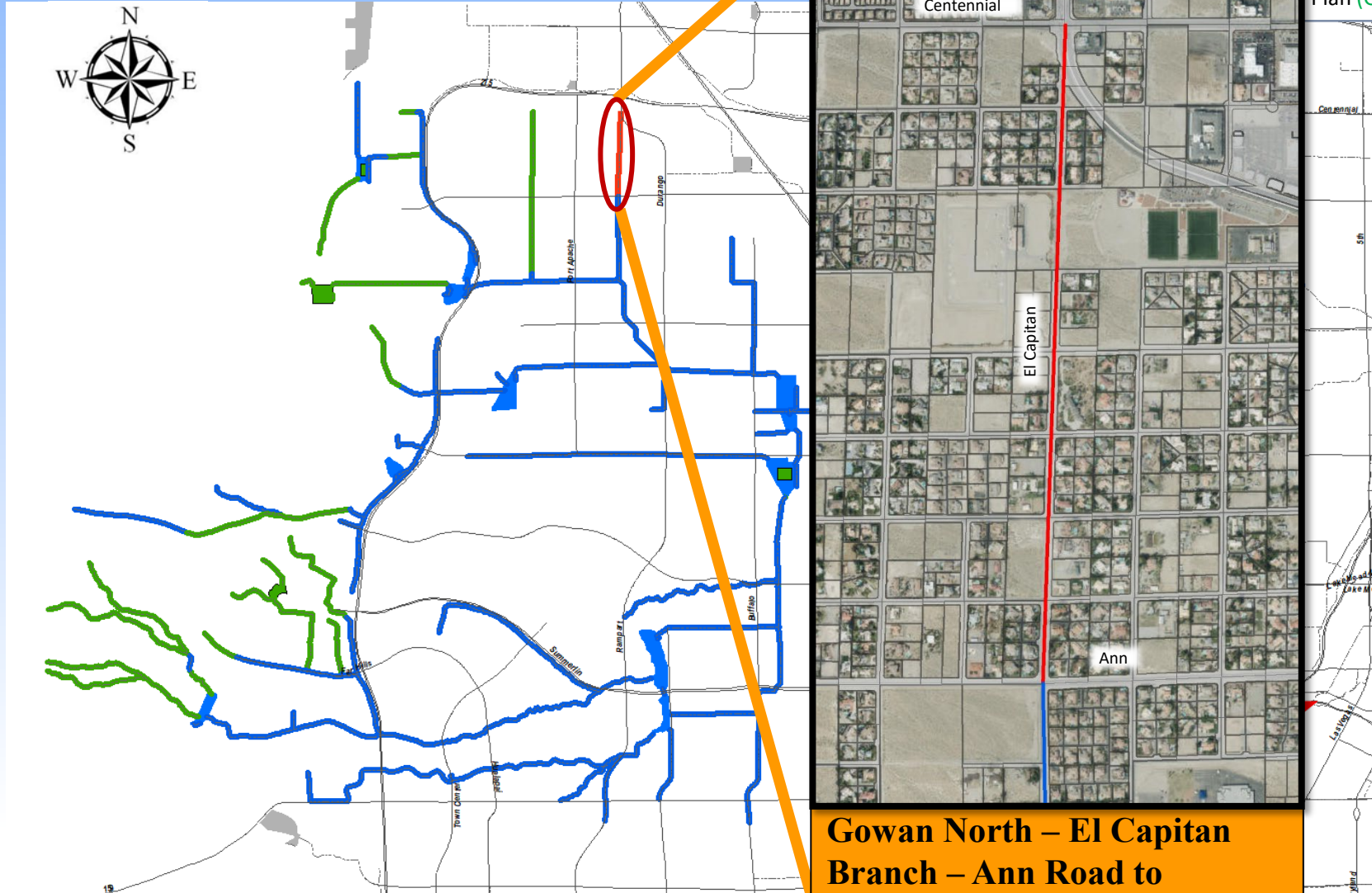
Legend

Existing Facilities (Blue)

Water Main Plan (Red)

Sanitary Sewer Plan (Red Oval)

Stormwater Plan (Green)



**Gowan North - El Capitan
Branch - Ann Road to
Centennial**

2021/22 Project List

City of Las Vegas

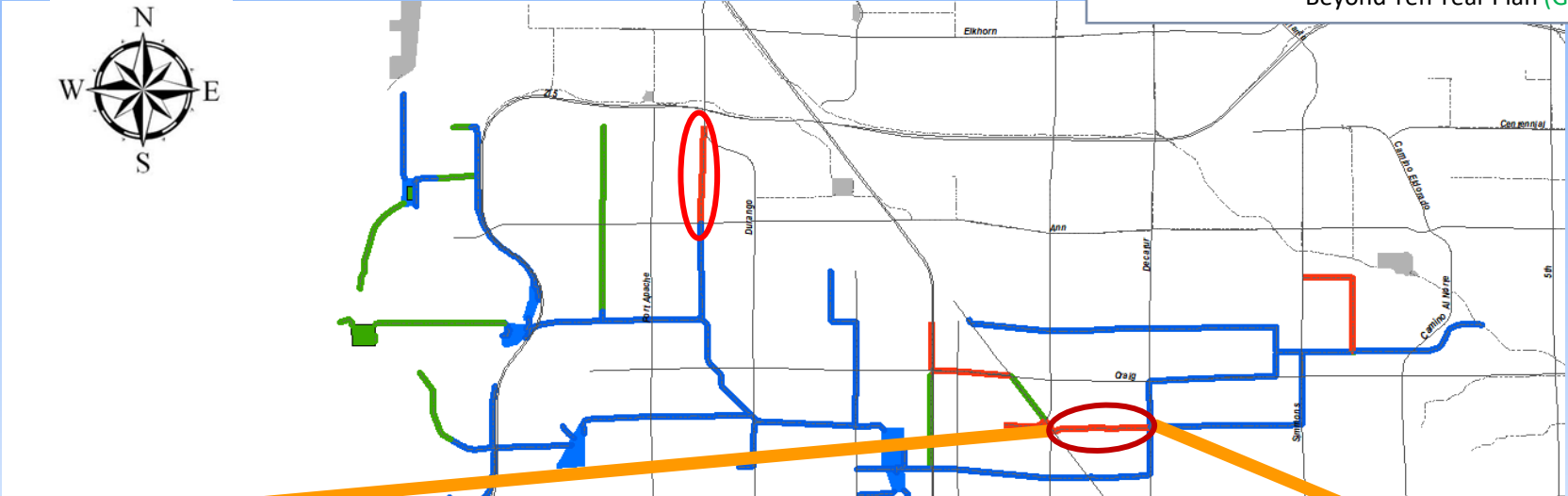
Gowan Planning Area

Legend

Existing Facilities (Blue)

Proposed Facilities

- Ten Year Plan (Red)
- First Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)



Gowan – Alexander Road, Rancho to Decatur



Area

Legend

Existing Facilities (Blue)

Proposed Facilities

Ten Year Plan (Red)

First Year Eligible (Red Oval)

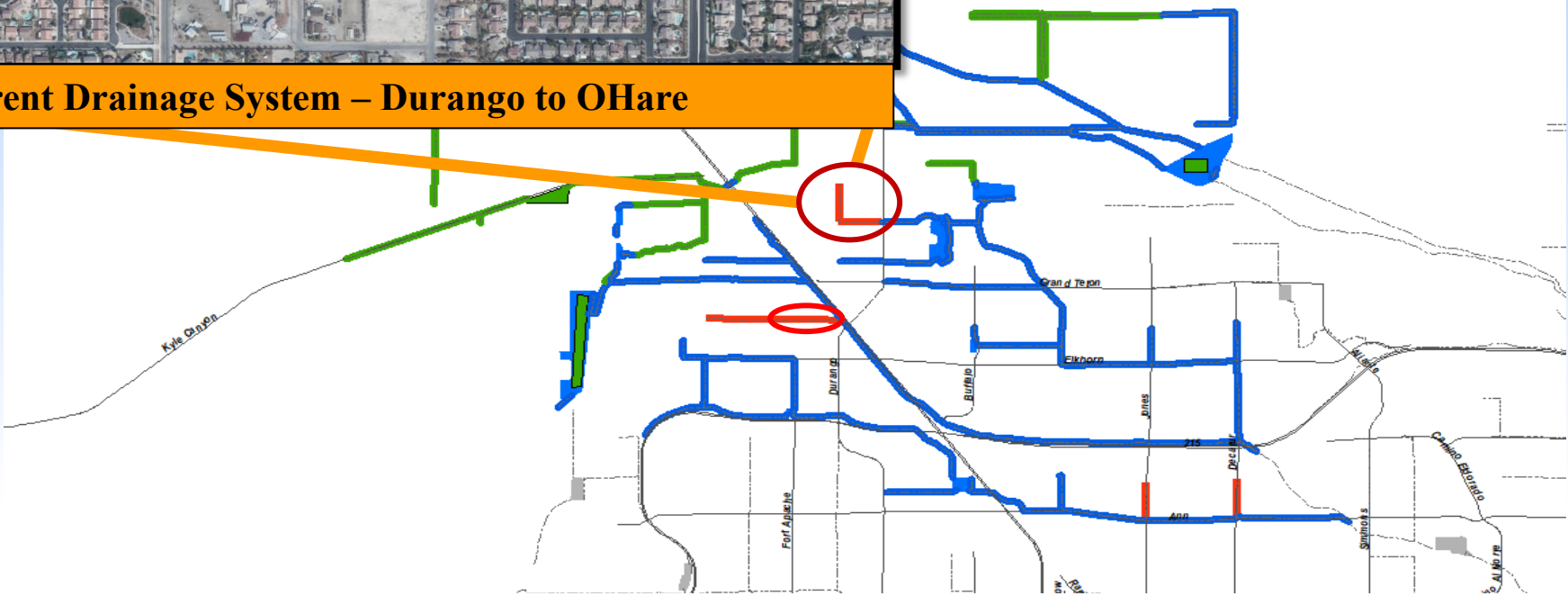
Beyond Ten Year Plan (Green)

Ten Year Plan (Red)

First Year Eligible (Red Oval)

Beyond Ten Year Plan (Green)

Brent Drainage System – Durango to OHare



2021/22 Project List

City of Las Vegas

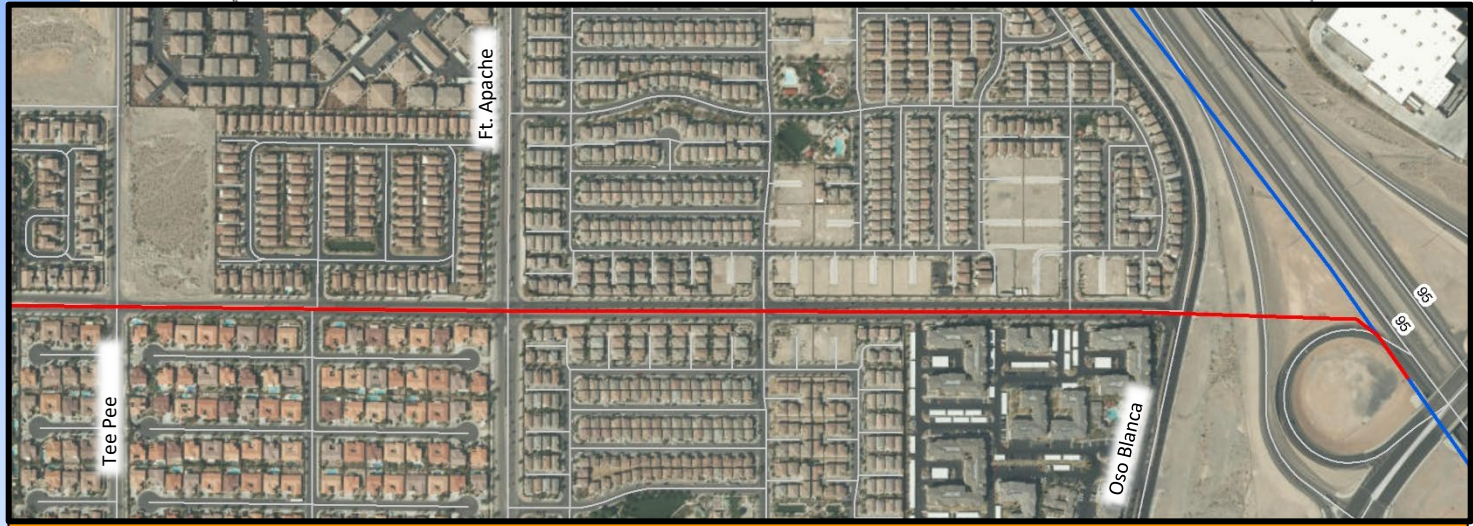
Upper Northern Planning Area

Legend

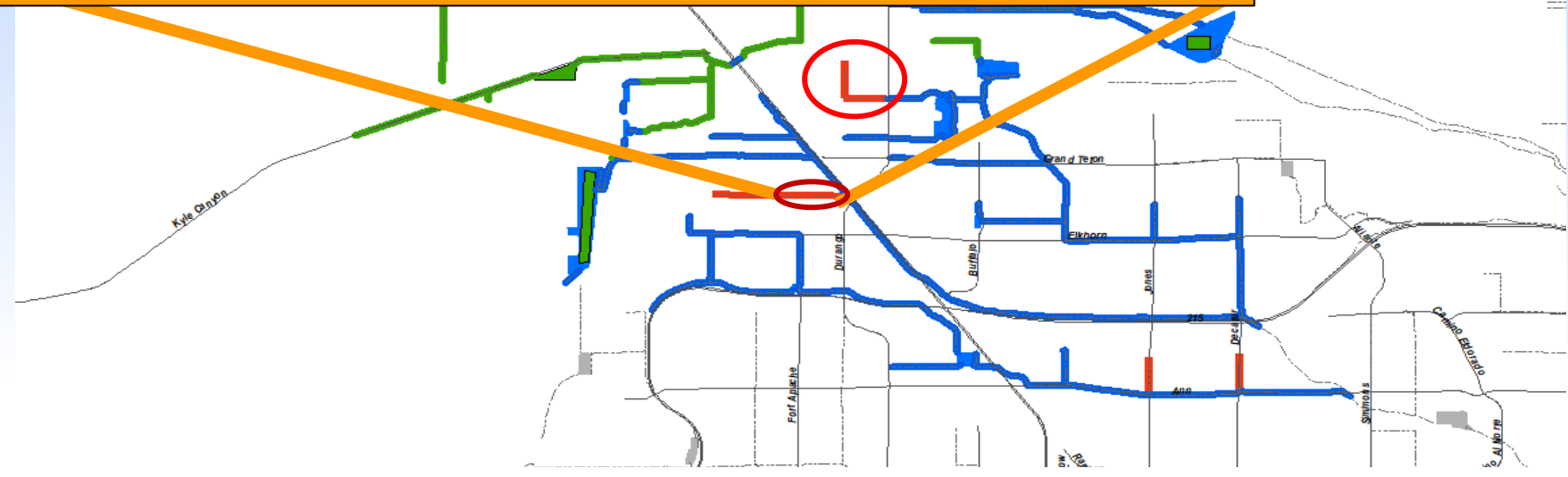
Existing Facilities (Blue)

Proposed Facilities

- Ten Year Plan (Red)
- First Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)



Farm Road - Oso Blanca to Tee Pee



City of Las Vegas FY 2021/22

First Year Eligible

10 Construction Projects

2 Design Projects

\$76,697,693

10-Year Plan Total \$ 263,423,779

Lower Northern, Range Wash, Apex and Las Vegas Wash Planning Areas



North Las Vegas

Las Vegas

Clark County

Henderson



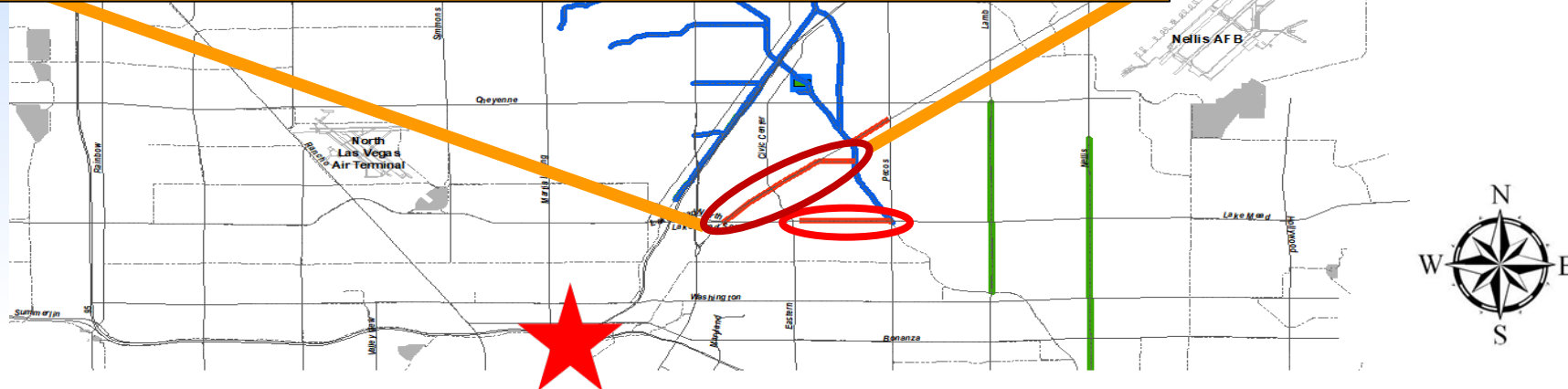
2021/22 Project List

Legend

- Existing Facilities (Blue)
- Proposed Facilities
 - Ten Year Plan (Red)
 - First Year Eligible (Red Oval)
 - Beyond Ten Year Plan (Green)



Las Vegas Wash – Cartier Channel



2021/22 Project List

City of North Las Vegas

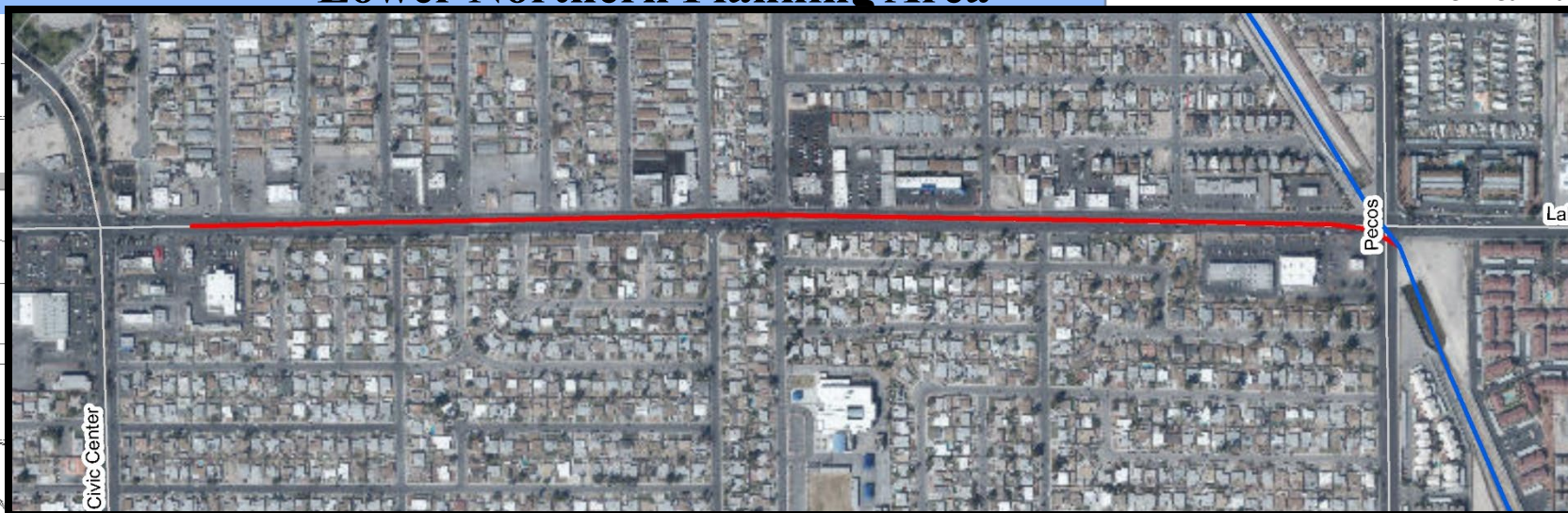
Lower Northern Planning Area

Legend

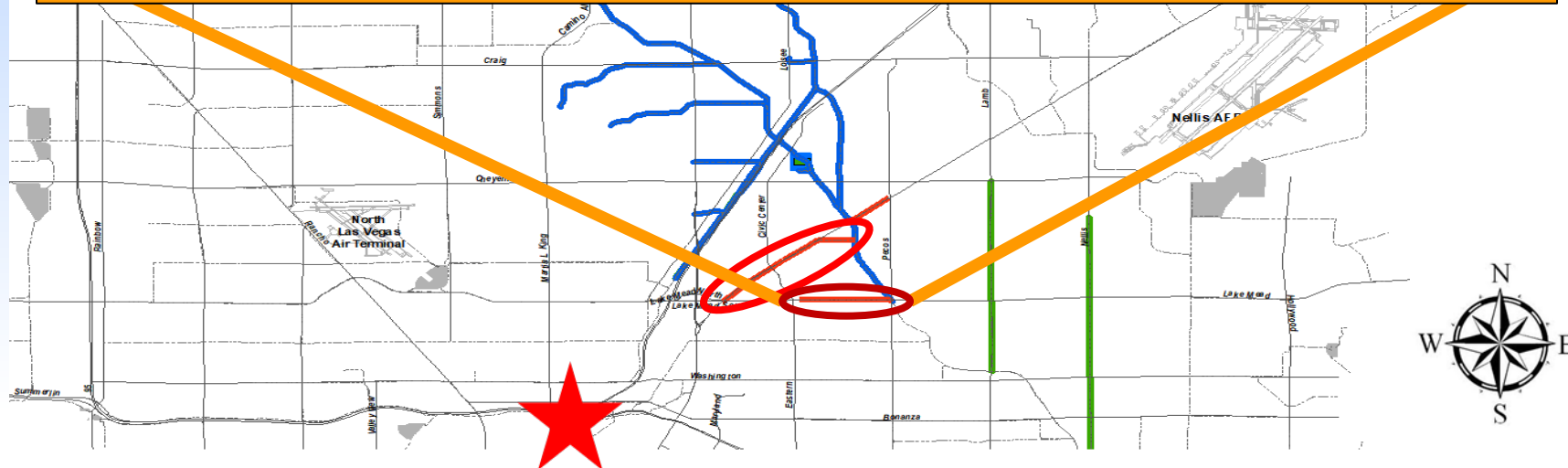
Existing Facilities (Blue)

Proposed Facilities

Ten Year Plan (Red)
Oval (Red)
Green (Green)



Lake Mead Storm Drain, Las Vegas Wash to Civic Center



2021/22 Project List

City of North Las Vegas

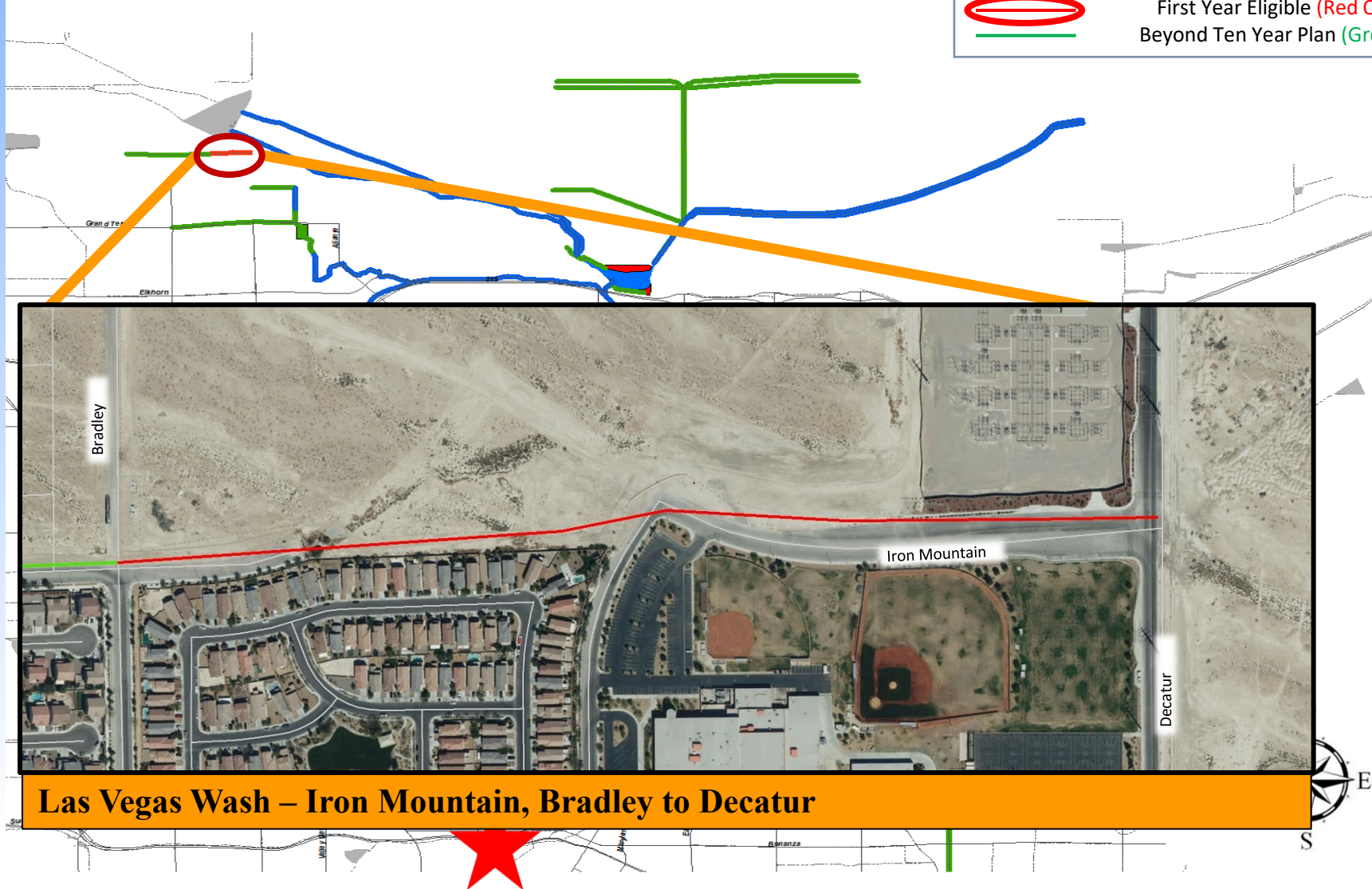
Lower Northern Planning Area

Legend

Existing Facilities (Blue)

Proposed Facilities

- Ten Year Plan (Red)
- First Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)



Las Vegas Wash – Iron Mountain, Bradley to Decatur

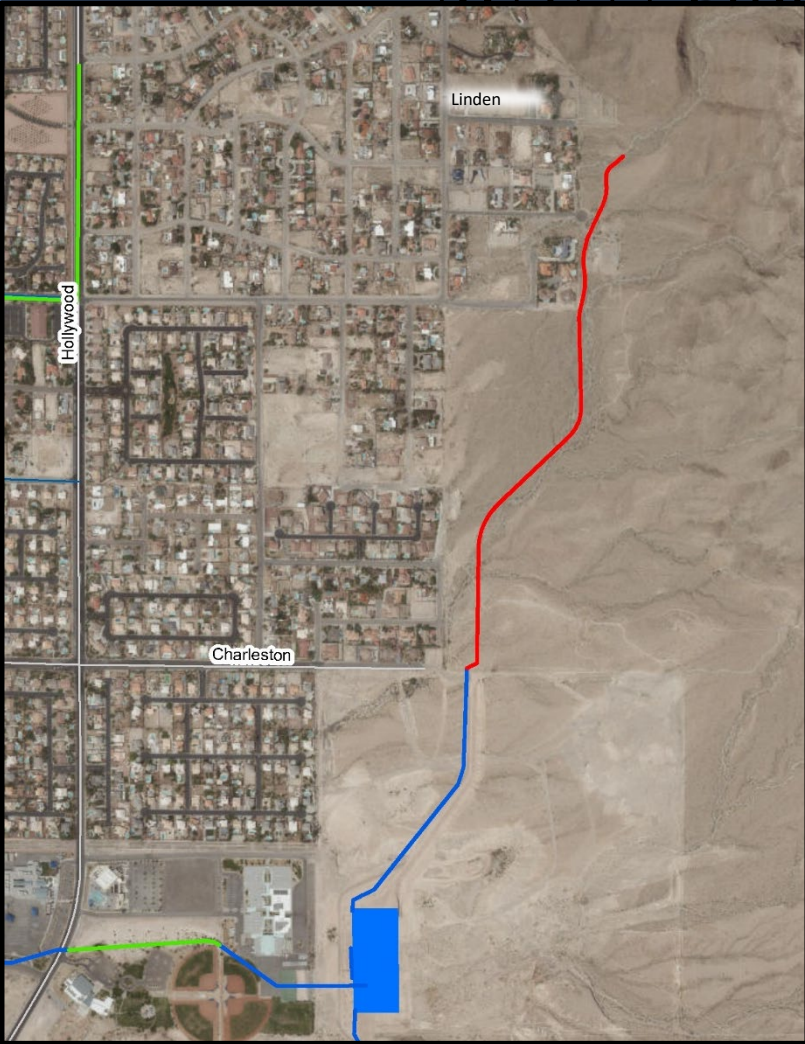
2021/22 Project List Las Vegas Planning Area

Legend

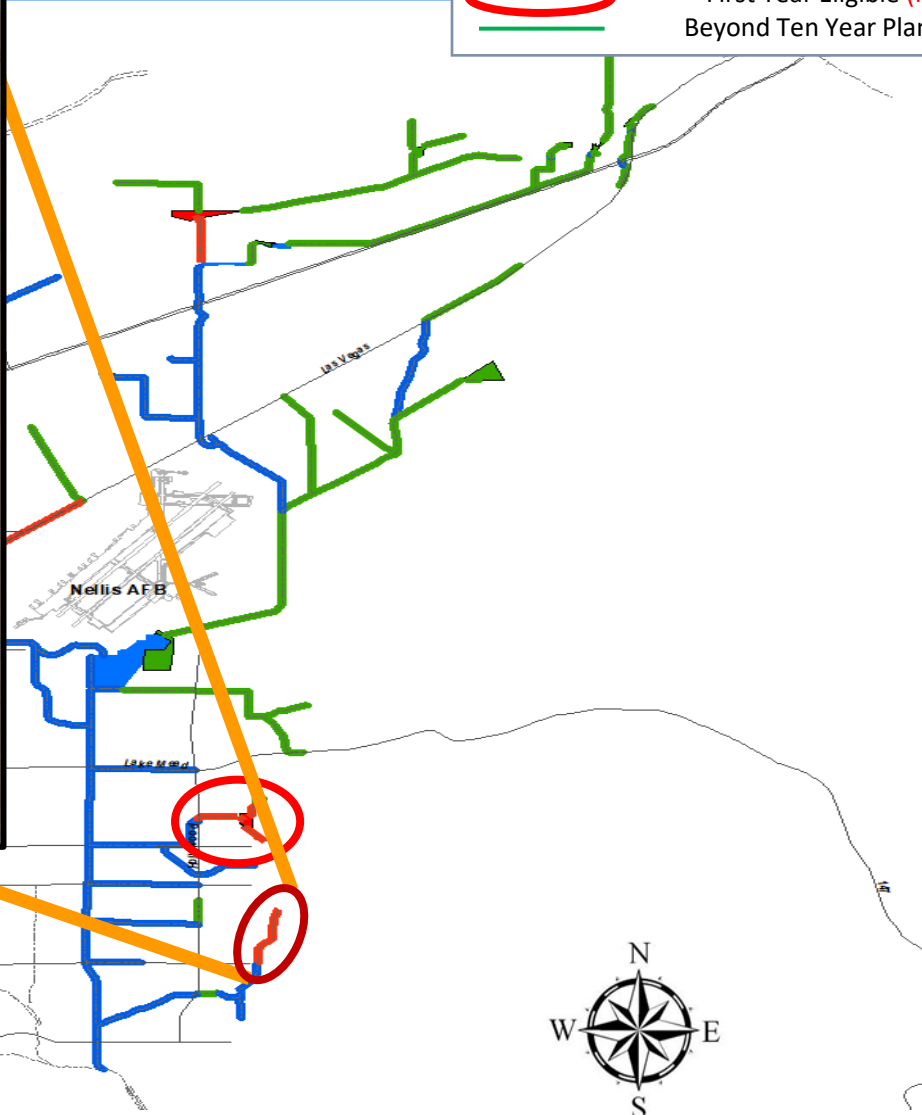
Existing Facilities (Blue)

Proposed Facilities

- Ten Year Plan (Red)
- First Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)



Range – Orchard Collector – Charleston to Linden



2021/22 Project List

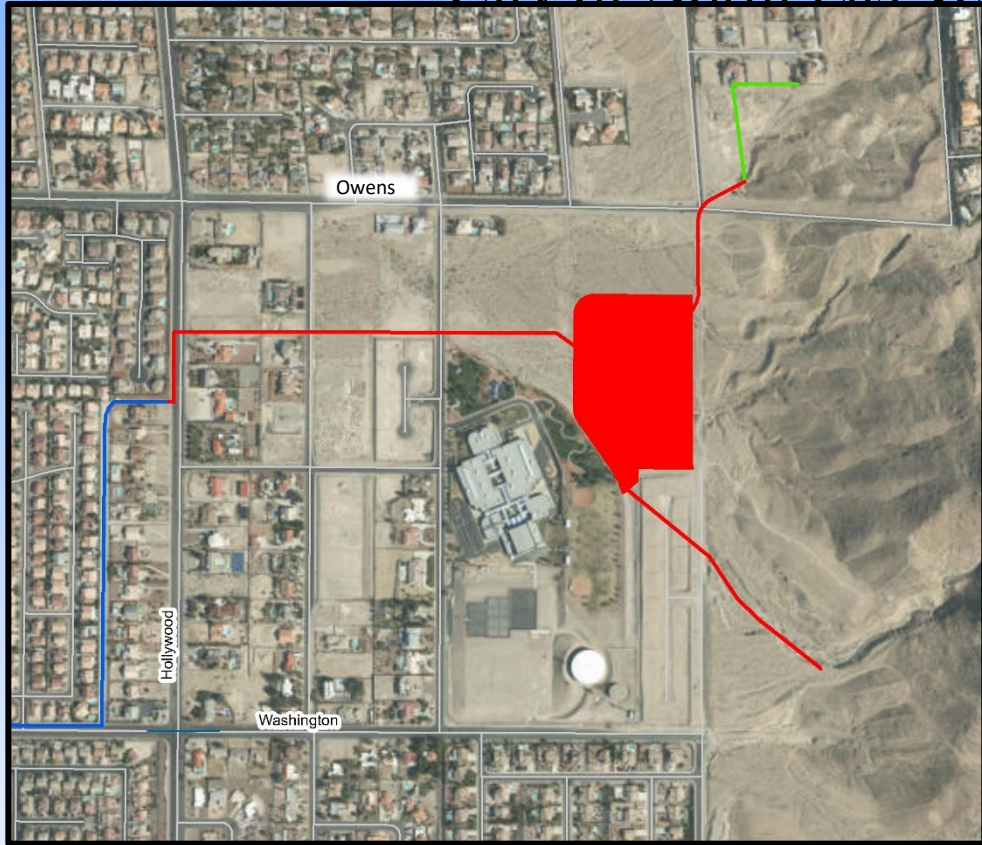
City of North Las Vegas Area

Legend

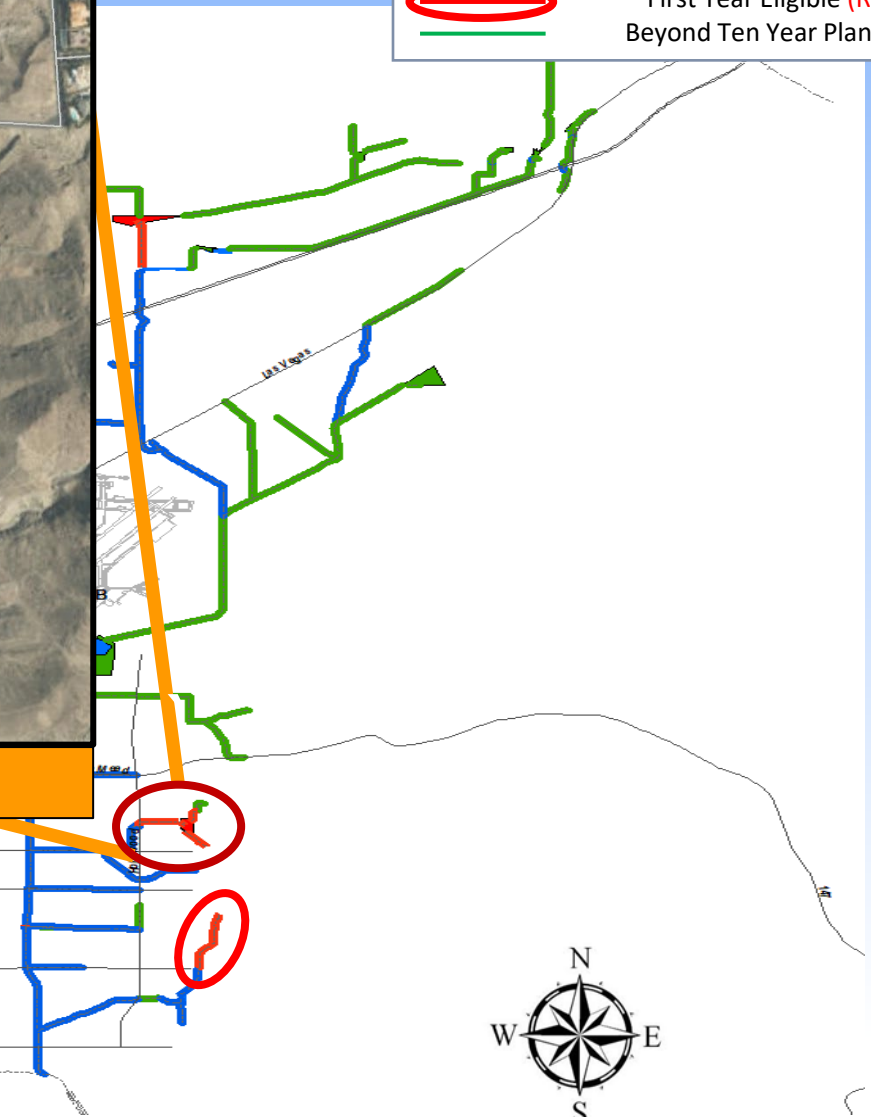
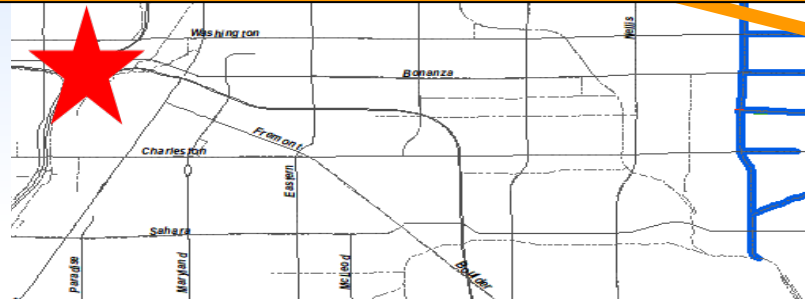
Existing Facilities (Blue)

Proposed Facilities

- Ten Year Plan (Red)
- First Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)



Jim McGaughey Detention Basin & Outfall



City of North Las Vegas FY 2021/22

First Year Eligible

5 Construction Projects

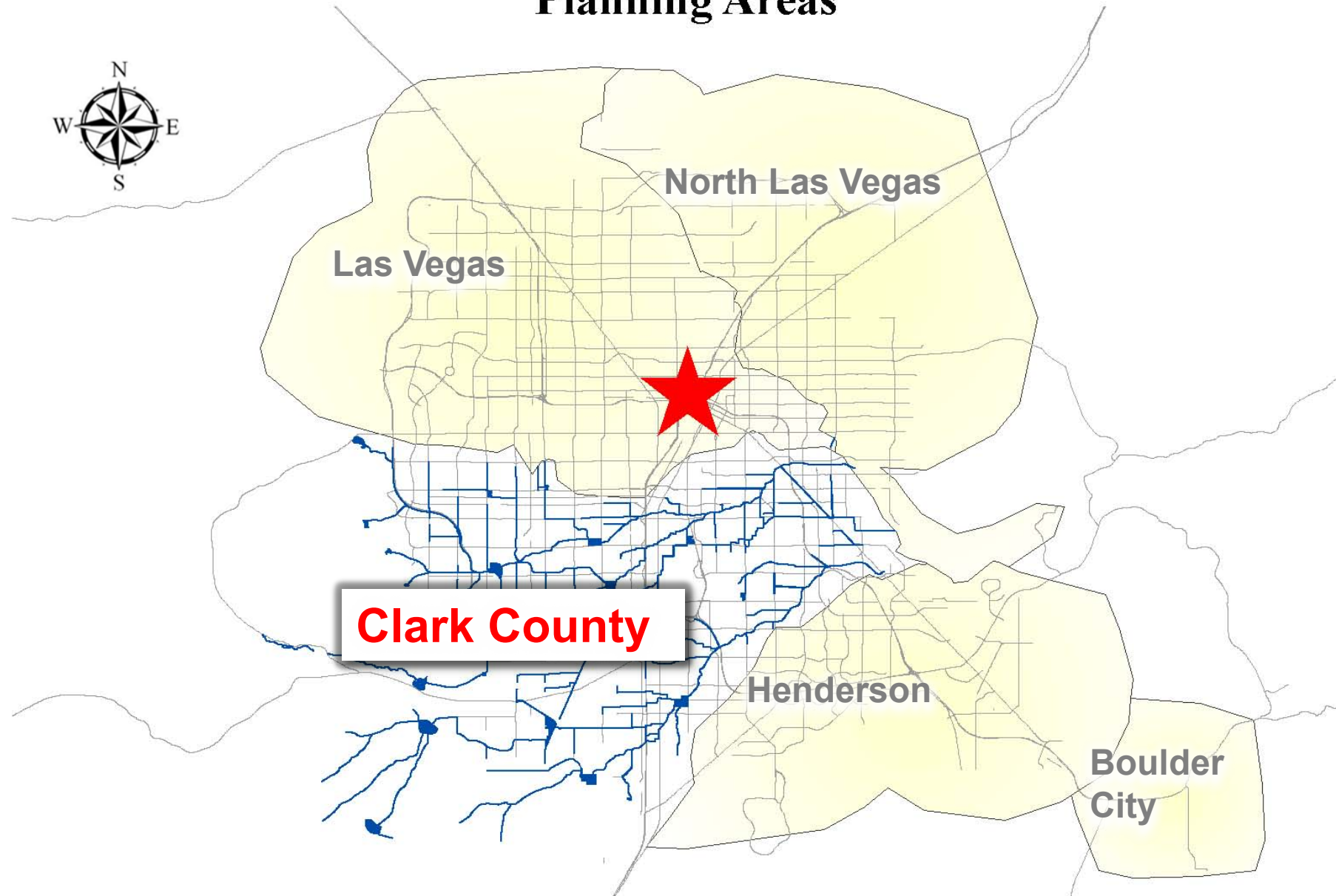
1 Design Project

1 Right-of-Way Project

\$46,169,181

10-Year Plan Total \$170,893,849

Duck Creek, Blue Diamond, Flamingo and Tropicana Washes Planning Areas



2021/22 Project List

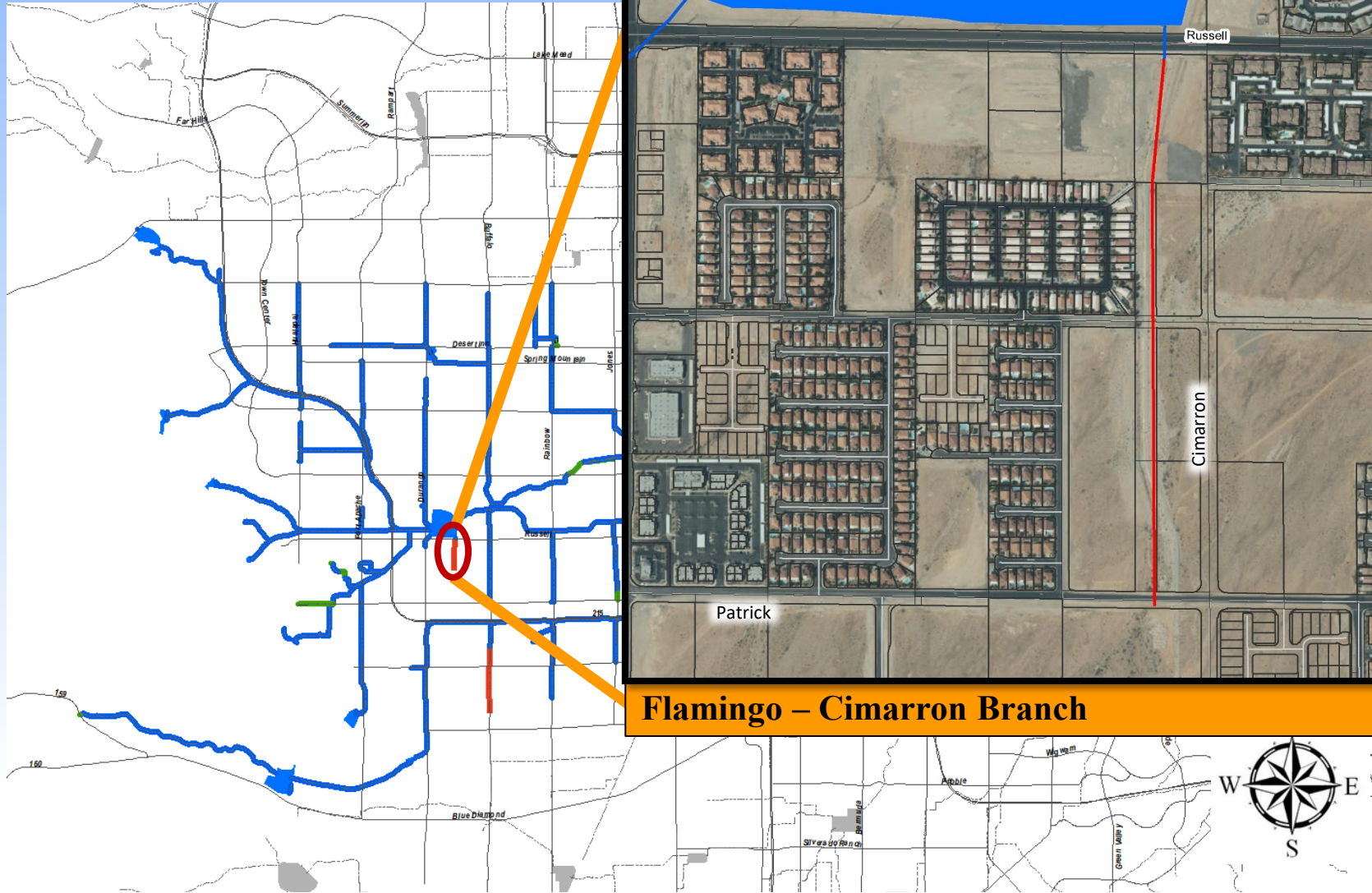
Clark County

Tropicana/ Flamingo P

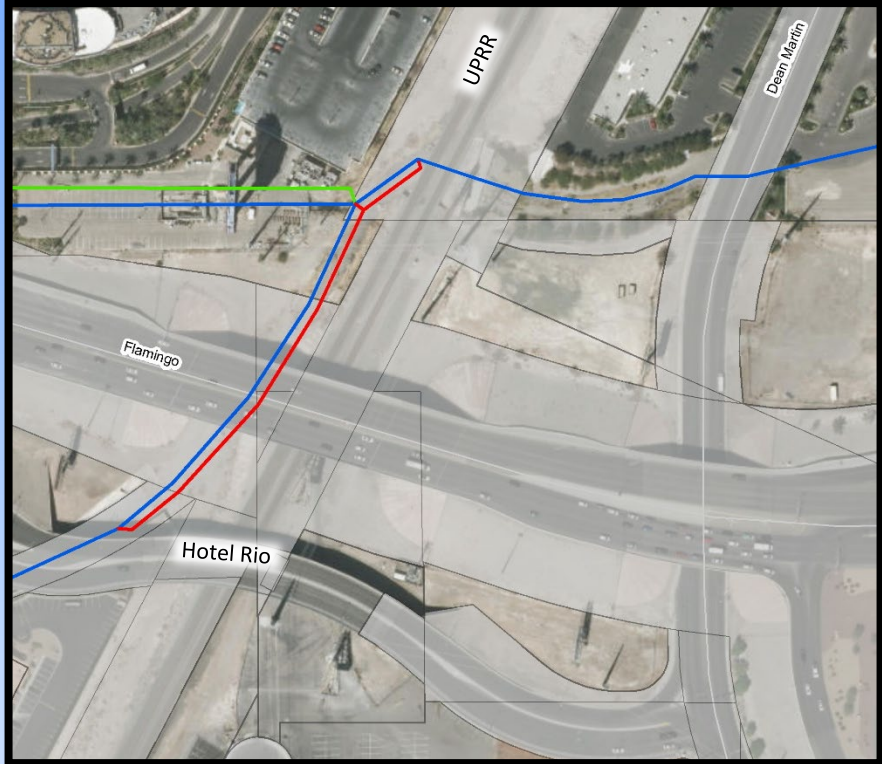
Legend

Existing Facilities (Blue)

Plan (Red)
Red Oval
(Green)



Flamingo - Cimarron Branch



Flamingo Wash – Industrial Road to Hotel Rio Drive

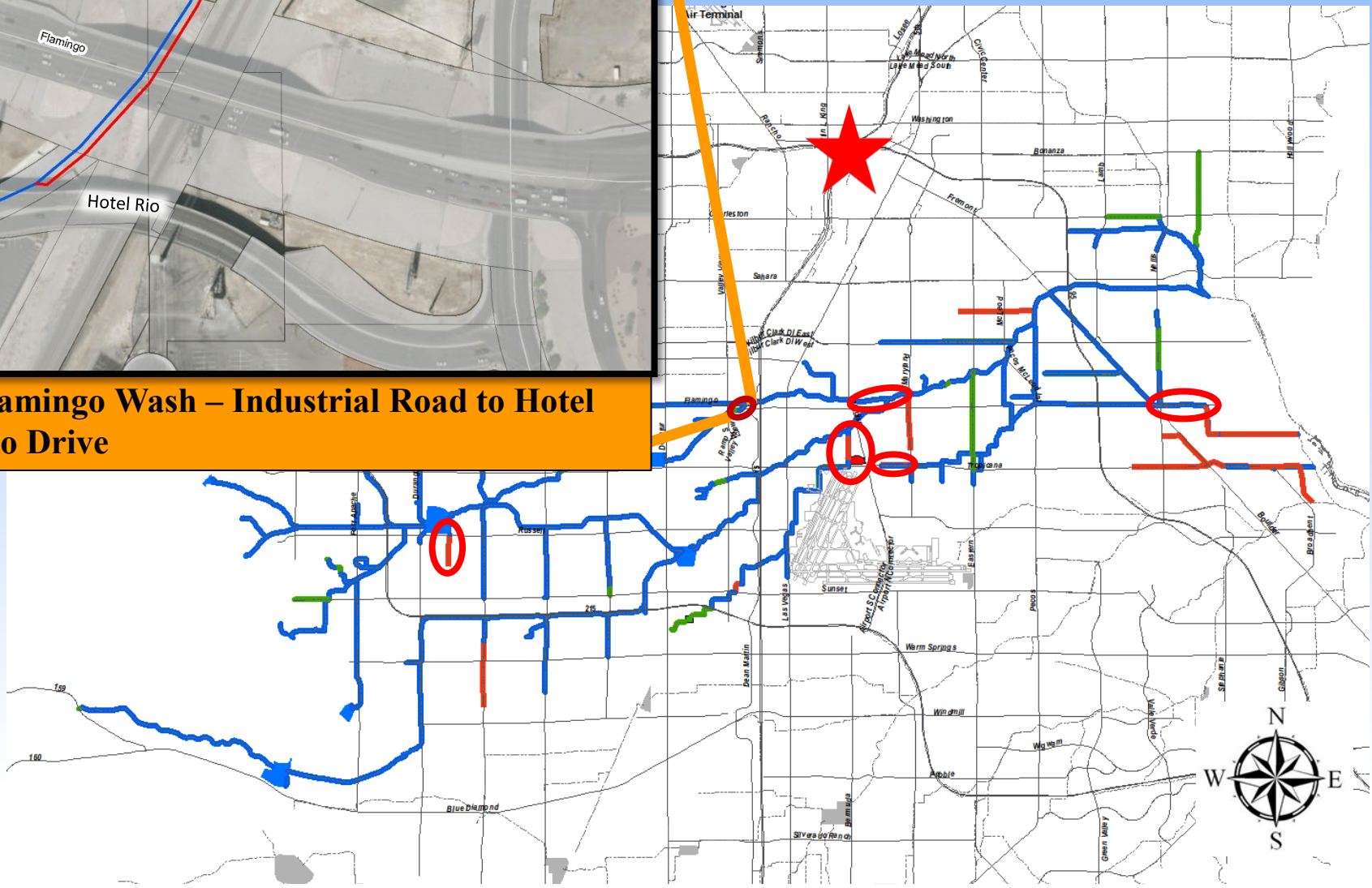
Planning Area

Legend

Existing Facilities (Blue)

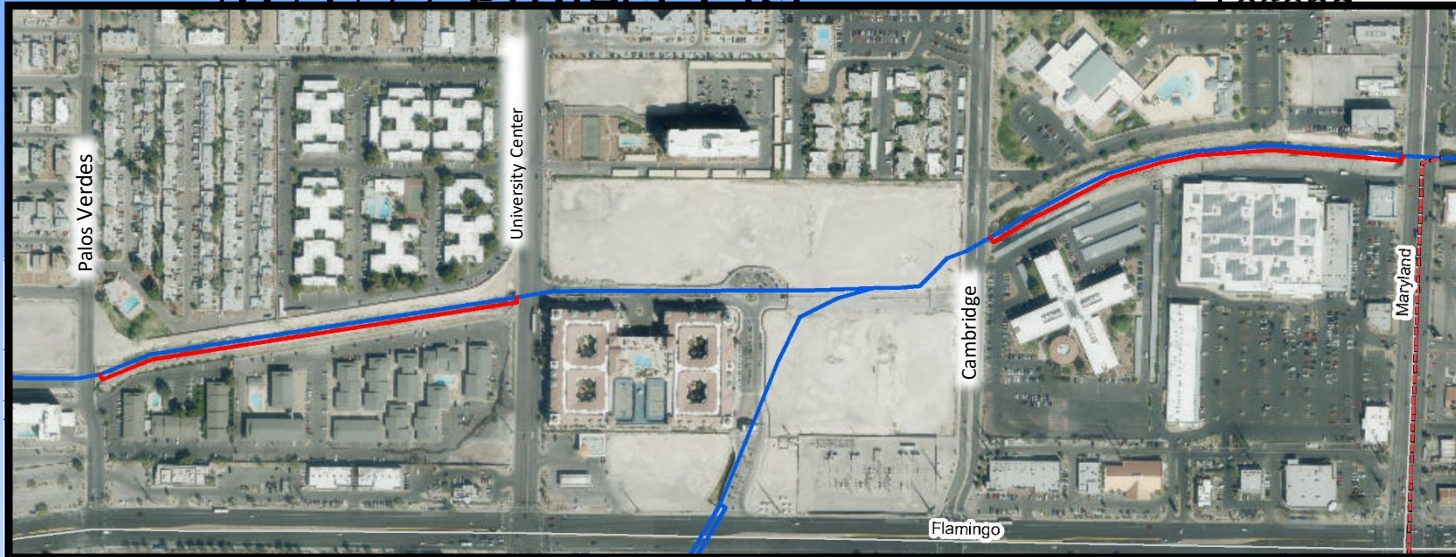
Proposed Facilities

- Ten Year Plan (Red)
- First Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)



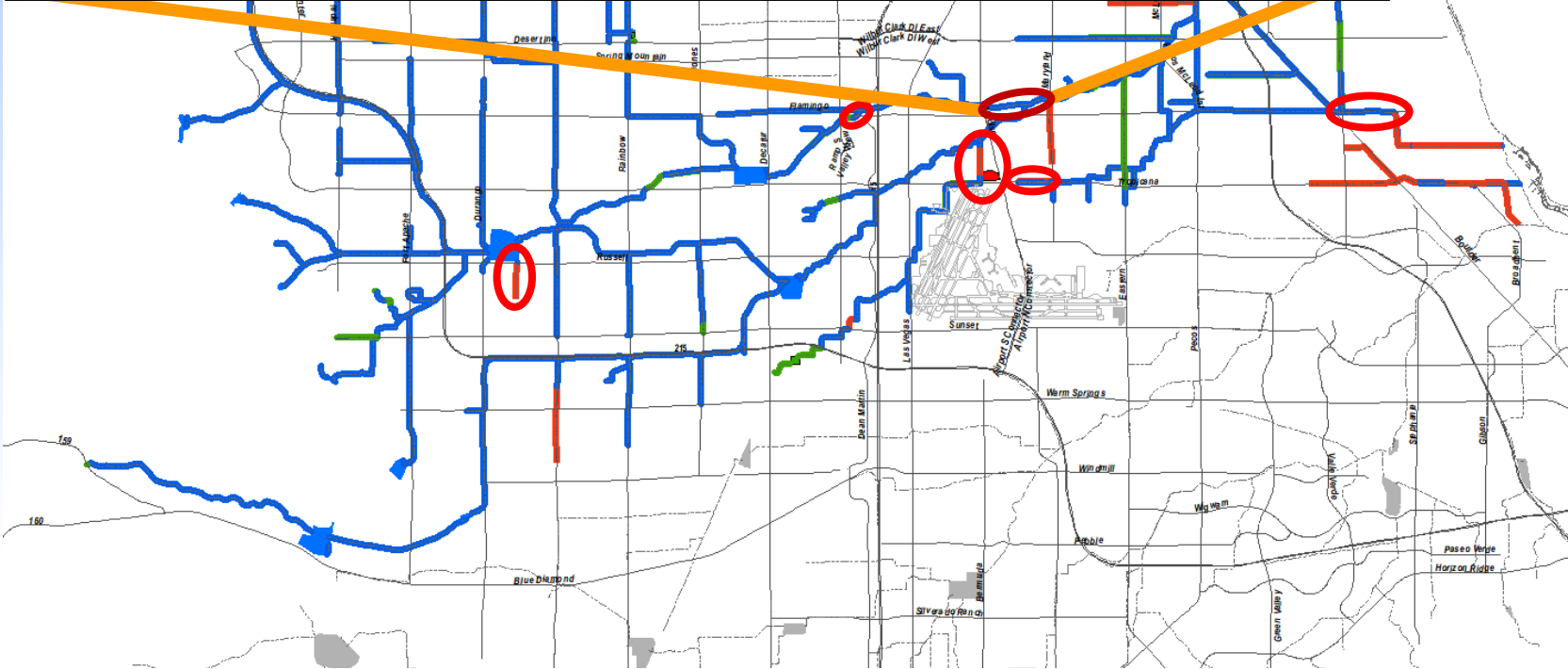
2021/22 Project List

Legend



- Ten Year Plan (Red)
- 1st Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)

Flamingo Wash – Maryland to Palos Verde



2021/22 Project List

Legend

Existing Facilities (Blue)

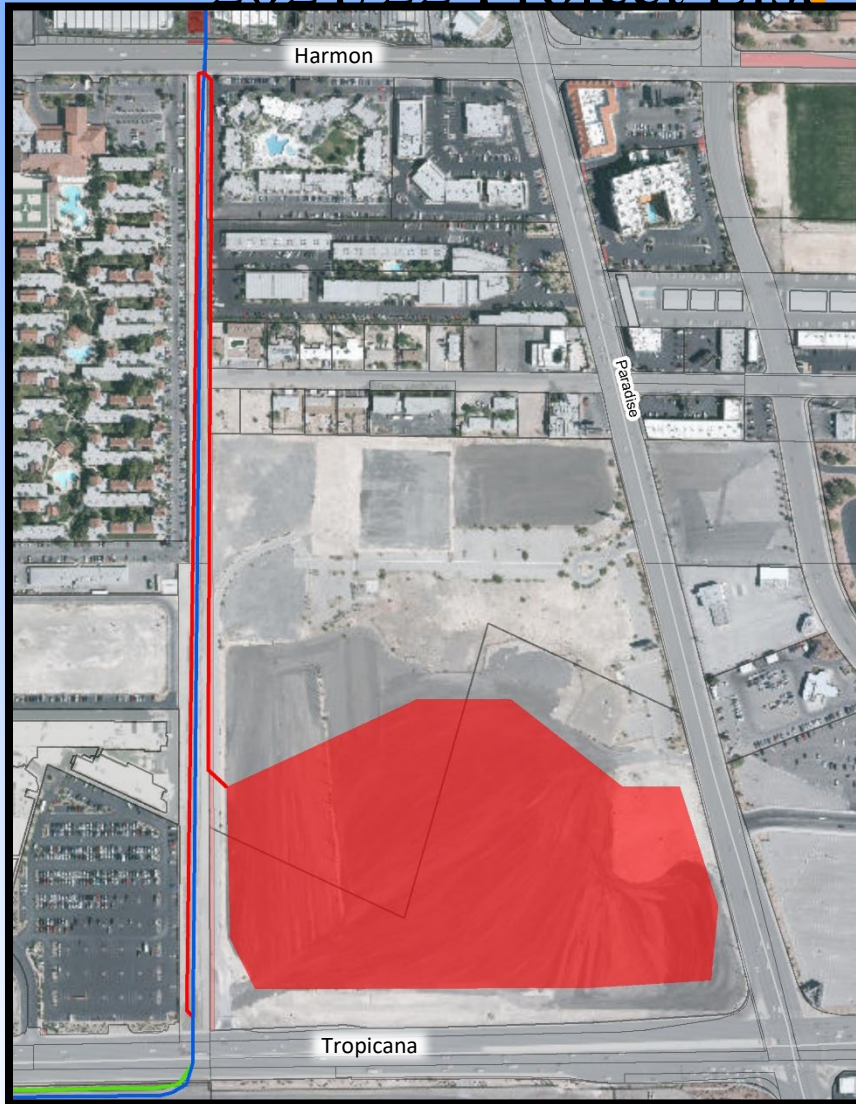
Proposed Facilities



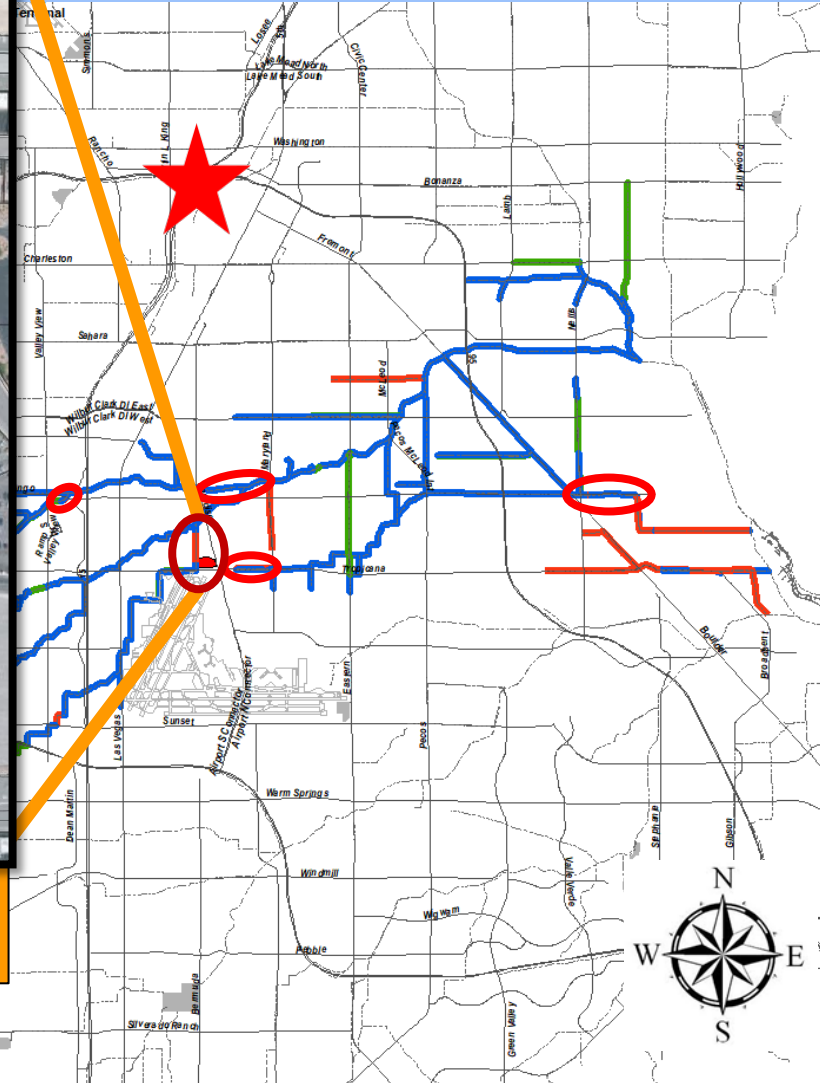
Ten Year Plan (Red)

First Year Eligible (Red Oval)

Beyond Ten Year Plan (Green)



Planning Area



Airport Channel – Naples Channel and Peaking Basin

2021/22 Project List

Clark County

Tropicana/ Flamingo Planning Area

Legend

Existing Facilities (Blue)

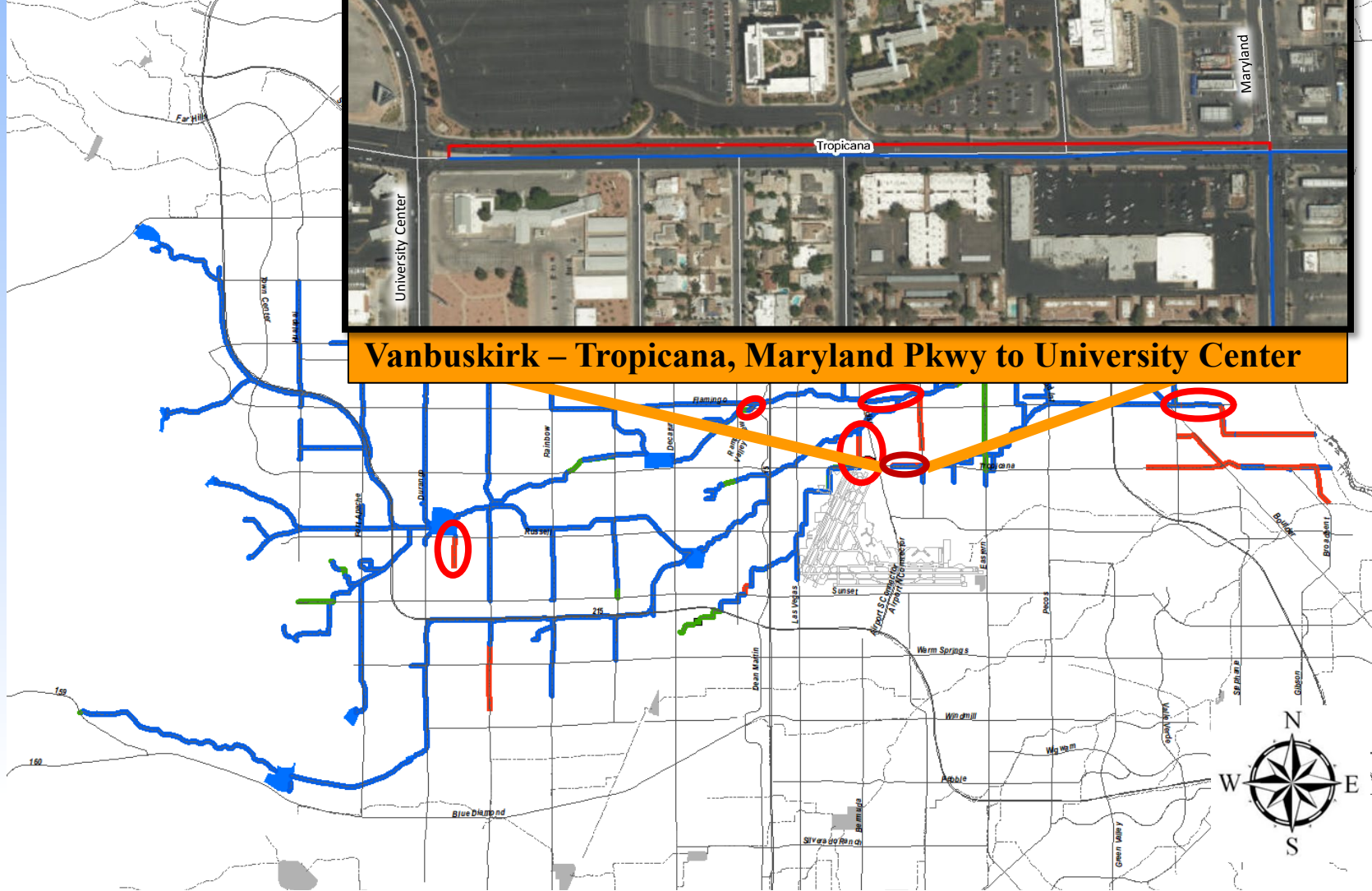
Proposed Facilities



Ten Year Plan (Red)

First Year Eligible (Red Oval)

Beyond Ten Year Plan (Green)



Vanbuskirk – Tropicana, Maryland Pkwy to University Center

2021/22 Project List

Clark County

Tropicana/ Flamingo Planning Area

Legend

Existing Facilities (Blue)

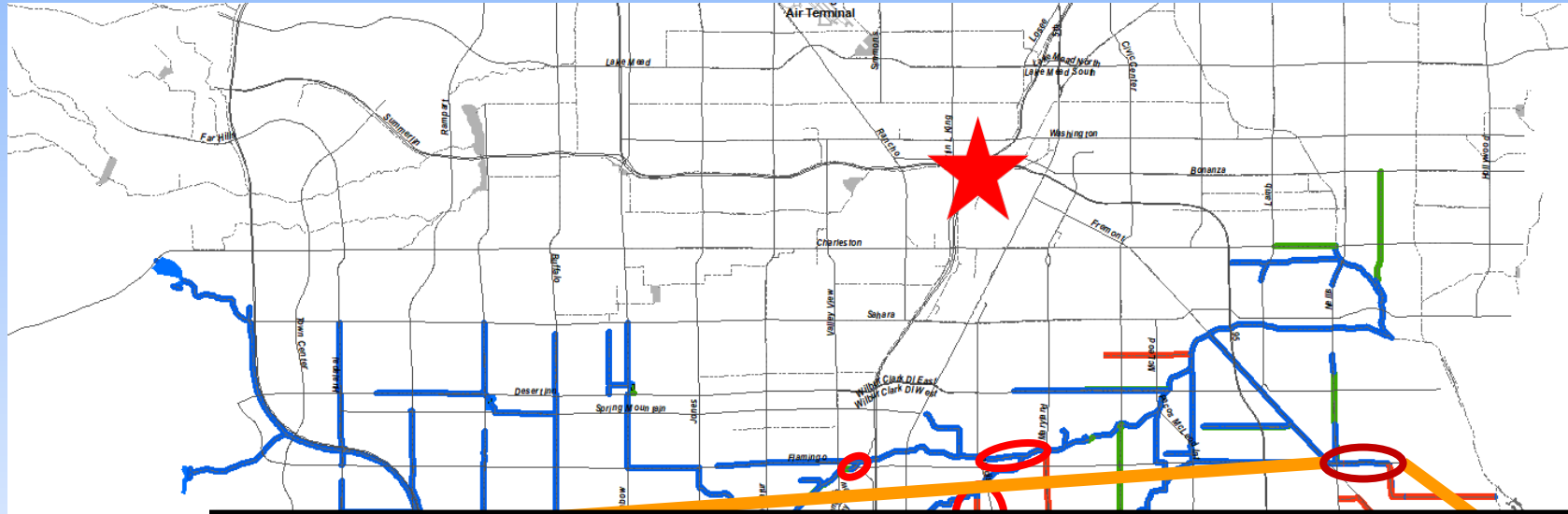
Proposed Facilities



Ten Year Plan (Red)

First Year Eligible (Red Oval)

Beyond Ten Year Plan (Green)



Las Vegas Wash – Branch 02 – Jimmy Durante to Boulder Hwy

2021/22 Project List

Clark County

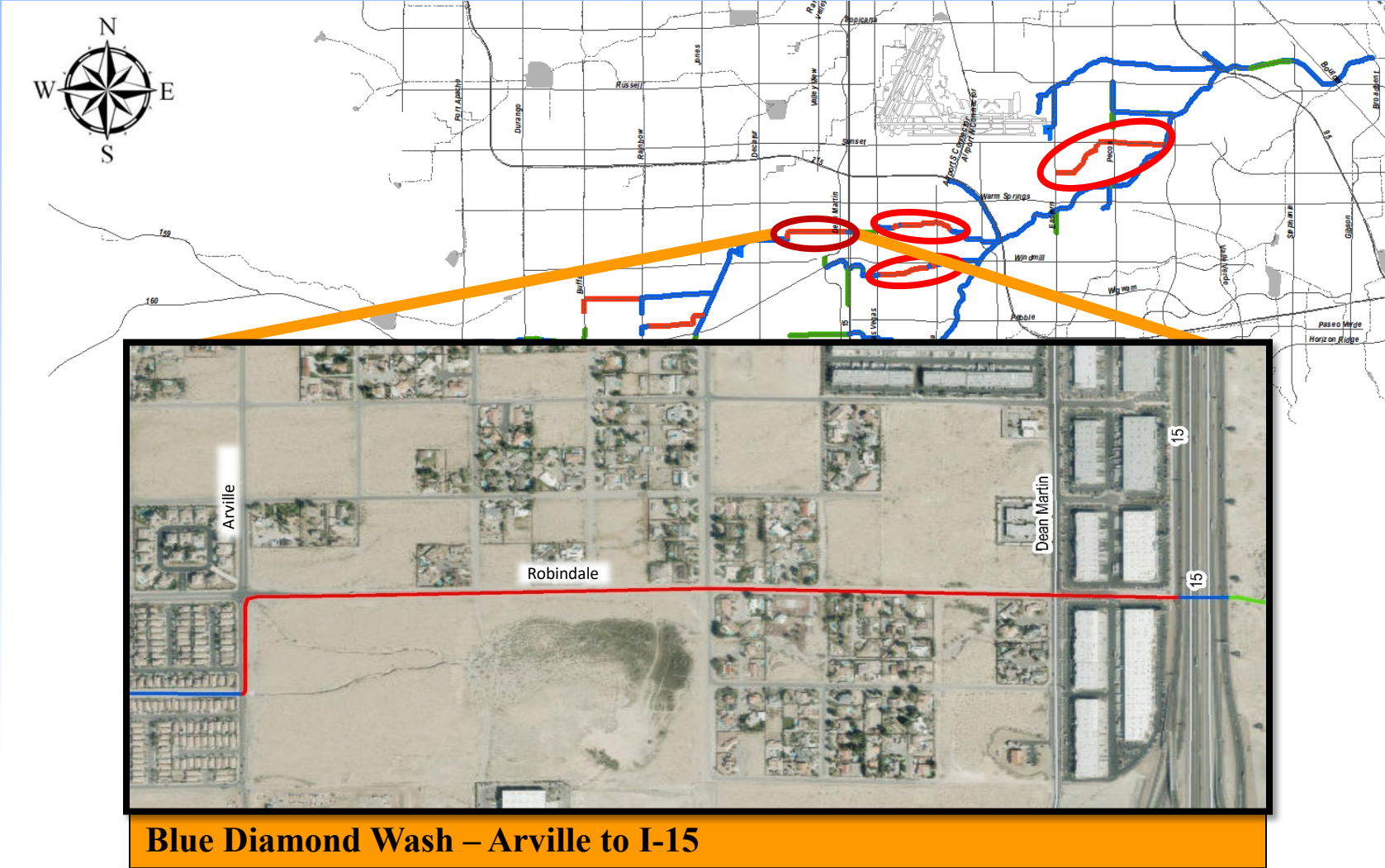
Duck Creek/ Blue Diamond Planning Area

Legend

Existing Facilities (Blue)

Proposed Facilities

- Ten Year Plan (Red)
- First Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)



Blue Diamond Wash – Arville to I-15

2021/22 Project List

Clark County

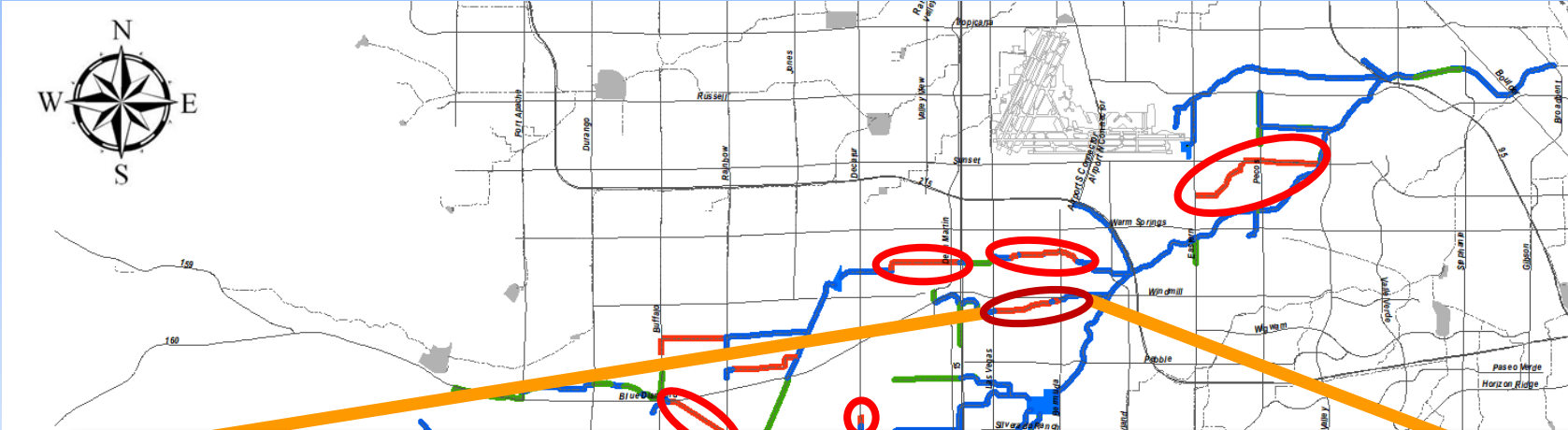
Duck Creek/ Blue Diamond Planning Area

Legend

Existing Facilities (Blue)

Proposed Facilities

- Ten Year Plan (Red)
- First Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)



Duck Creek/Blue Diamond – Bermuda to Las Vegas Blvd

2021/22 Project List

Clark County

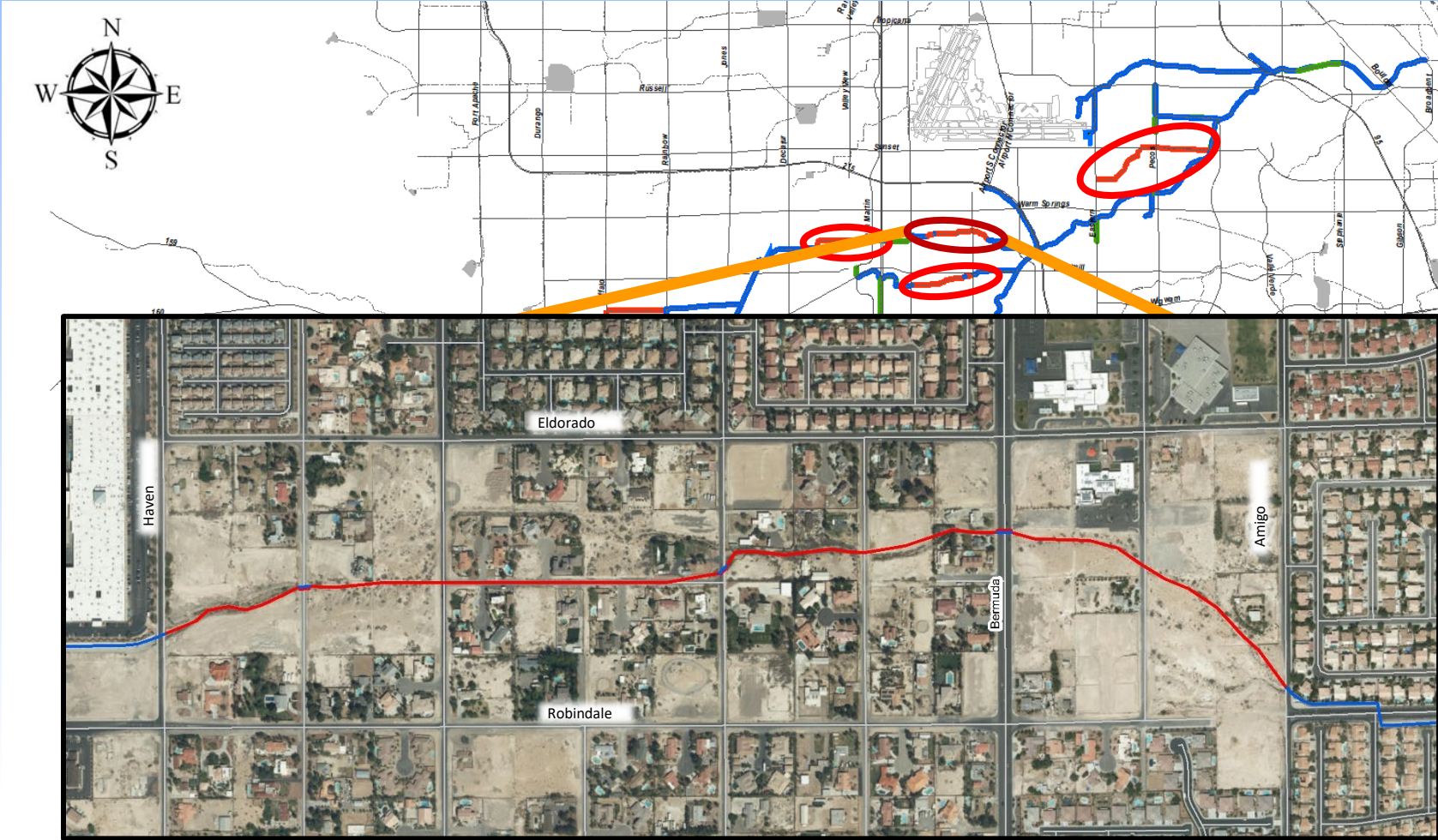
Duck Creek/ Blue Diamond Planning Area

Legend

Existing Facilities (Blue)

Proposed Facilities

- Ten Year Plan (Red)
- First Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)



Blue Diamond Channel, Amigo to Haven

2021/22 Project List

Clark County

Wastewater Treatment Plant Planning

Legend

Existing Facilities (Blue)

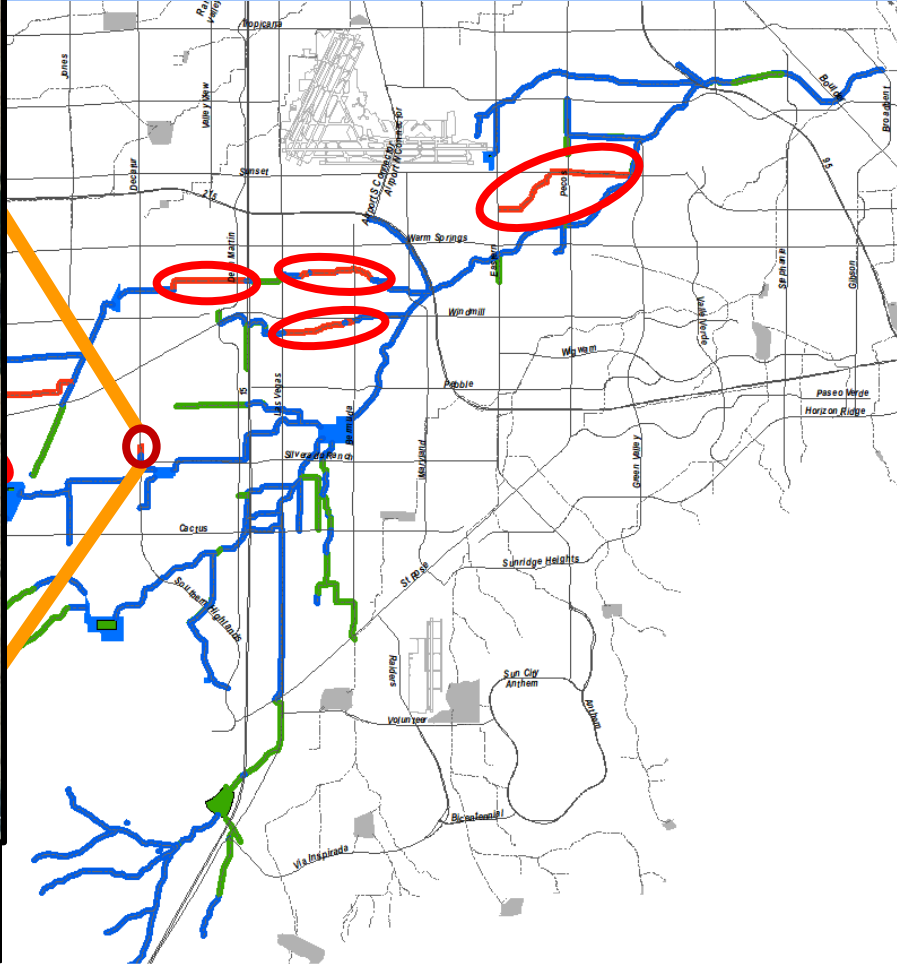
Proposed Facilities



Ten Year Plan (Red)

First Year Eligible (Red Oval)

Beyond Ten Year Plan (Green)



**Blue Diamond Channel 02, Decatur
– Le Baron to Richmar – Phase 2**

2021/22 Project List

Clark County

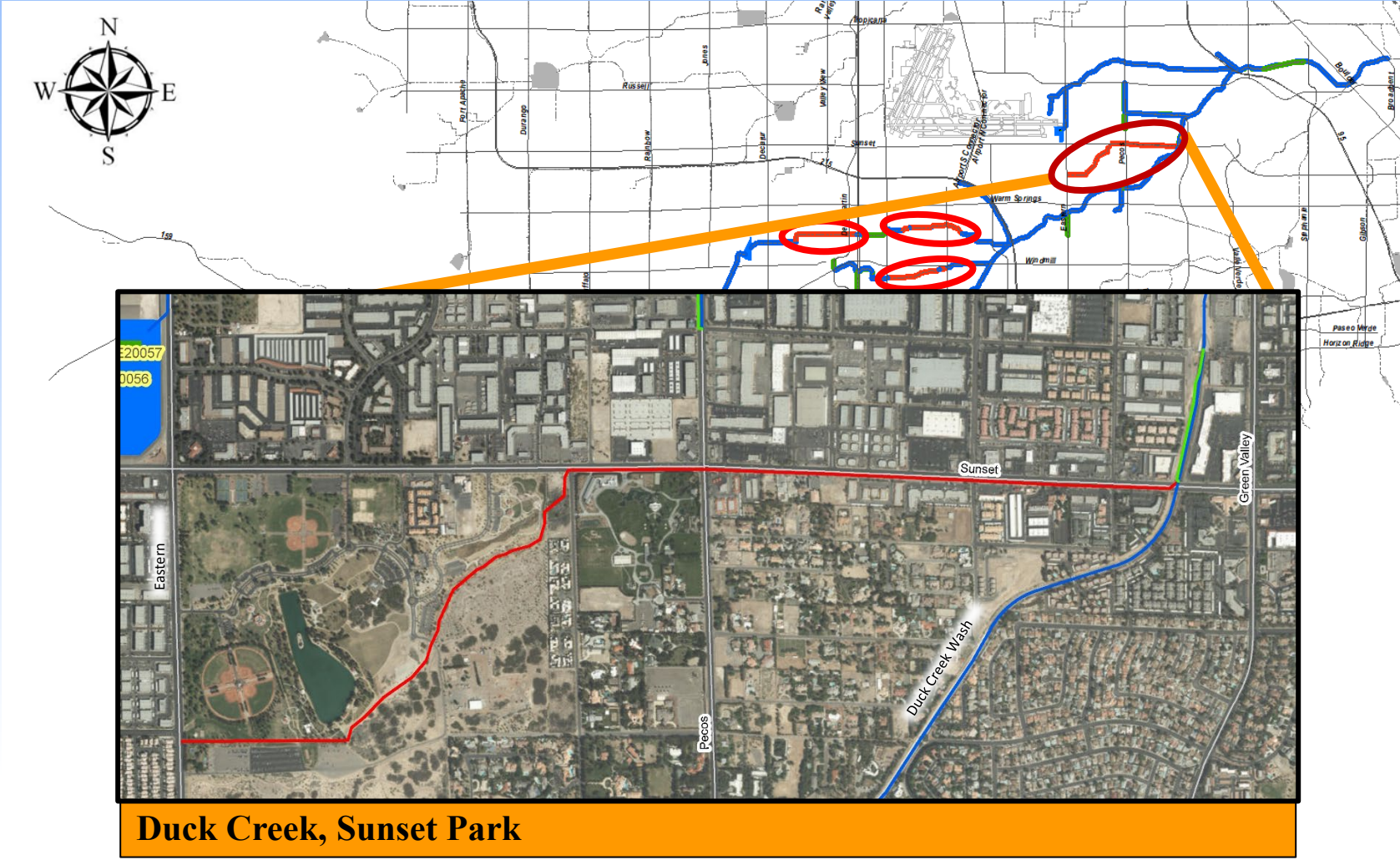
Duck Creek/ Blue Diamond Planning Area

Legend

Existing Facilities (Blue)

Proposed Facilities

- Ten Year Plan (Red)
- First Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)

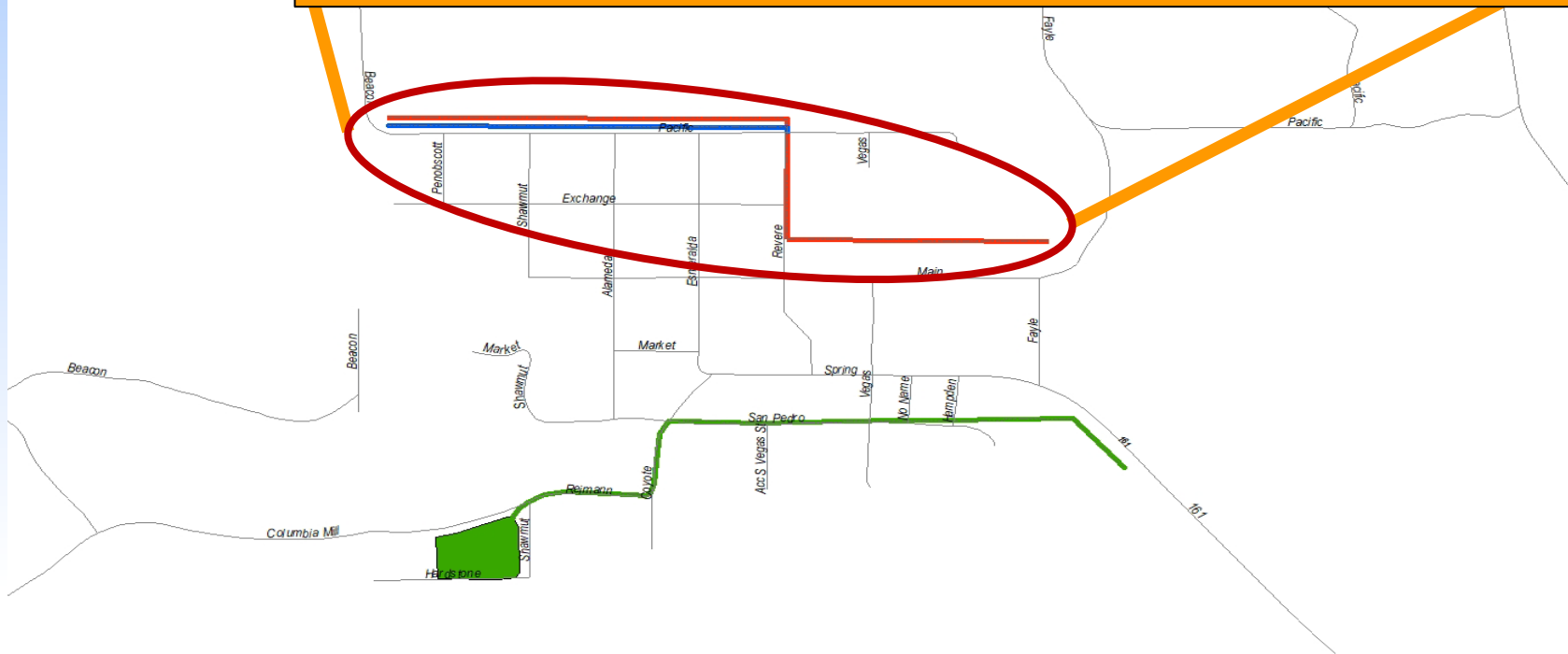


Duck Creek, Sunset Park



d)
al)
n)

Goodsprings – Phase I



2021/22 Project List

Clark County Outlying Areas

Searchlight

Legend

Existing Facilities (Blue)

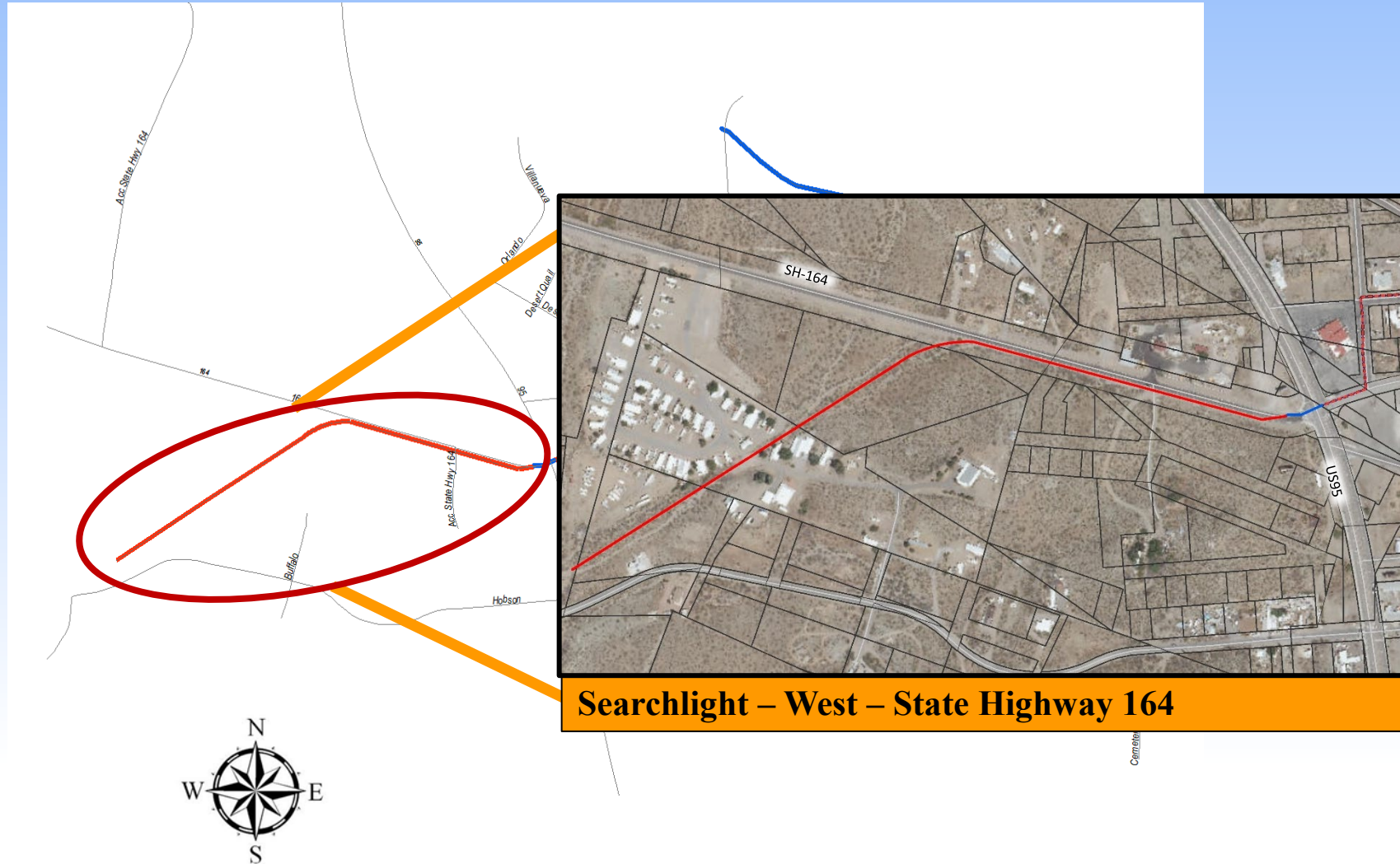
Proposed Facilities



Ten Year Plan (Red)

First Year Eligible (Red Oval)

Beyond Ten Year Plan (Green)



2021/22 Project List



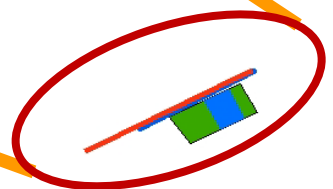
Legend

Existing Facilities (Blue)

Proposed Facilities

- Ten Year Plan (Red)
- First Year Eligible (Red Oval)
- Beyond Ten Year Plan (Green)

Windmill Detention Basin and Jesse Waite Levee Facilities



Clark County FY 2021/22

First Year Eligible

15 Construction Projects

4 Design Projects

2 Right-of-way Projects

\$124,274,609

10-Year Plan Total \$283,126,900

2021/22 Project List Mesquite

Watershed

Legend

Existing Facilities (Blue)

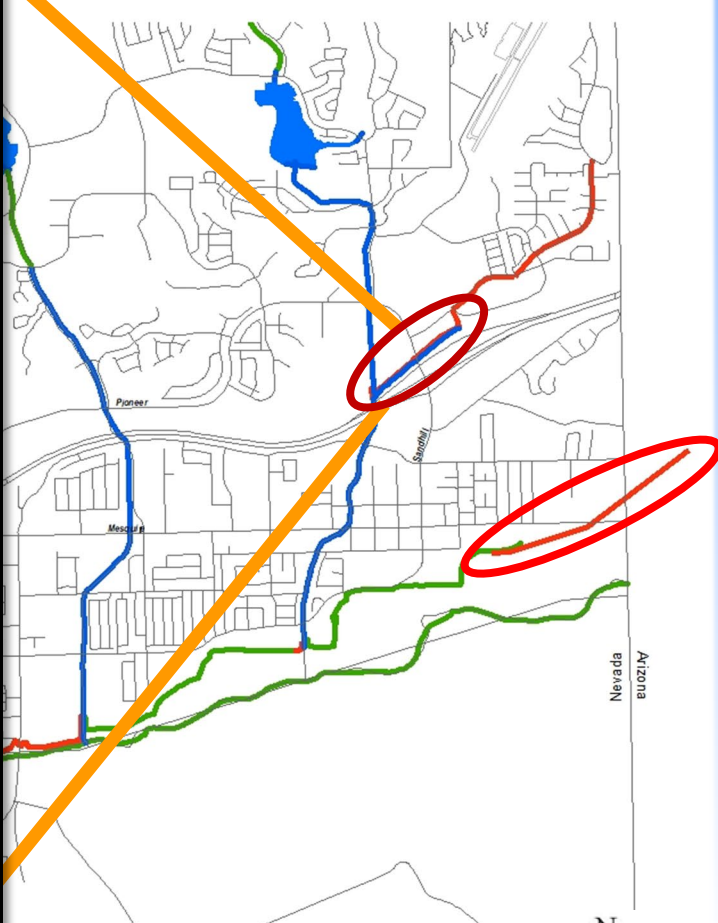
Proposed Facilities



Ten Year Plan (Red)

First Year Eligible (Red Oval)

Beyond Ten Year Plan (Green)



**Mesa Boulevard, El Dorado to
Town Wash**



2021/22 Project List

Mesquite

Virgin River Planning Area

Legend

Existing Facilities (Blue)

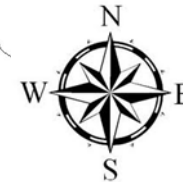
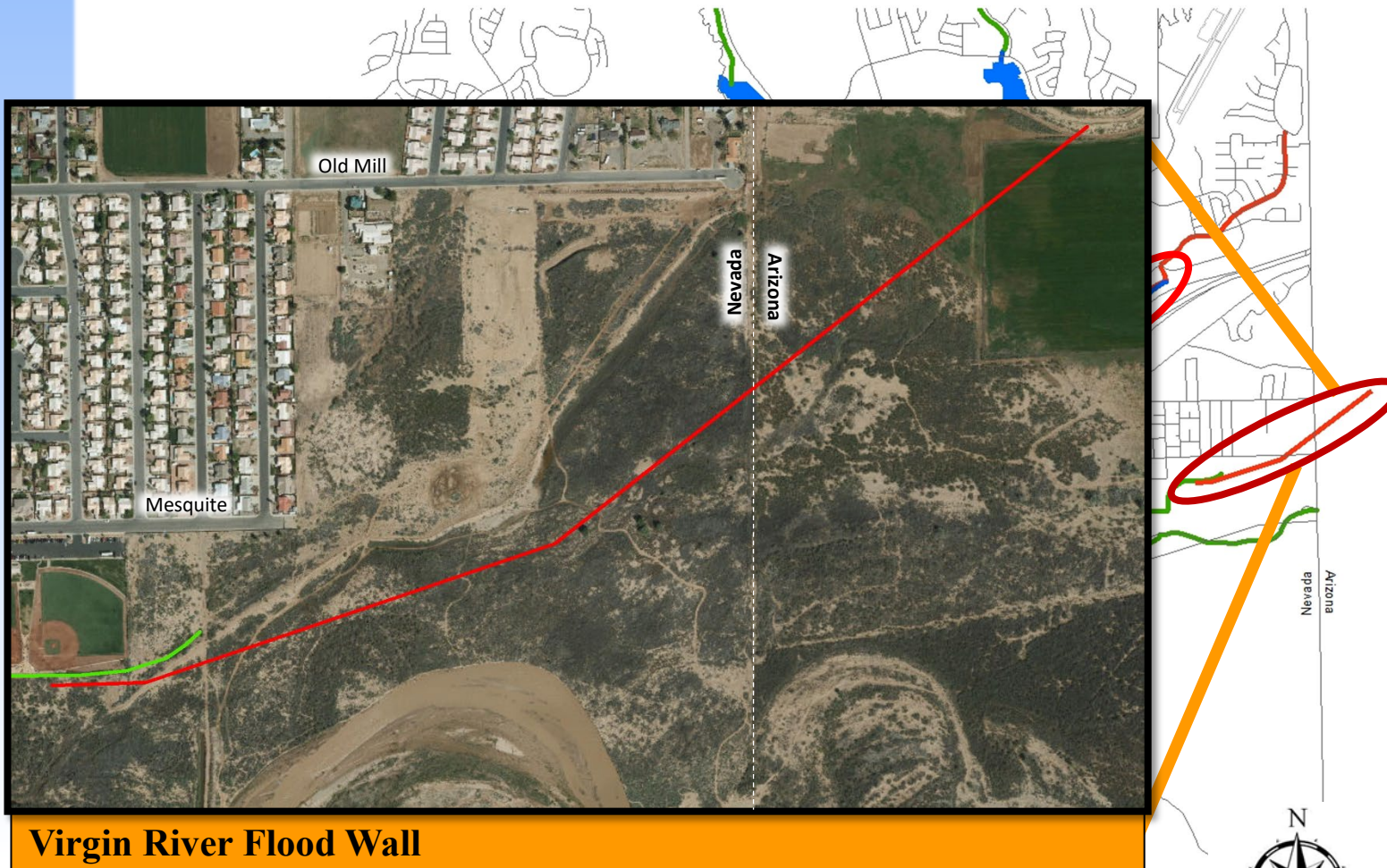
Proposed Facilities



Ten Year Plan (Red)

First Year Eligible (Red Oval)

Beyond Ten Year Plan (Green)



Mesquite FY 2021/22

First Year Eligible

2 Construction Projects

\$16,762,251

10-Year Plan Total \$27,116,963

10-Year Construction Program Summary

Entity	Total Plan
Henderson	\$44,447,363
Las Vegas	\$263,423,779
North Las Vegas	\$170,893,849
Clark County	\$283,126,900
Boulder City	\$9,301,752
Mesquite	\$27,116,963
Total	\$798,310,606

10-Year Construction Program Summary

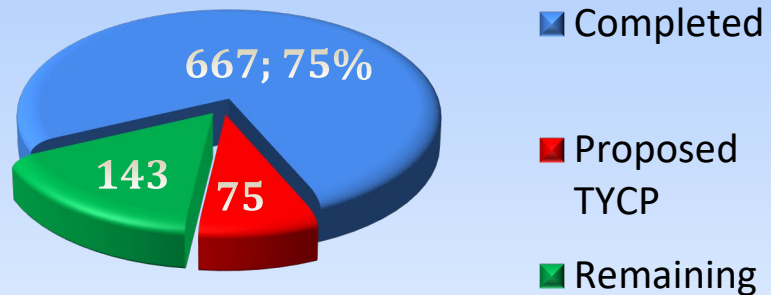
2020/21 TYCP vs 2021/22 TYCP

	2020/21 TYCP	2021/22 TYCP
Total New Revenue	\$691.1M	\$788M
*Total Plan Revenue	\$807.6M	\$863.9M
Total Resources Programmed	\$758.5M	\$798.3M
Year 1 Resources	\$161.3M	\$136.5M
Year 1 Eligible Construction Projects	23	36
Total 10-Yr Plan Projects	82	90

***Total Plan includes unencumbered revenue from previous year.**

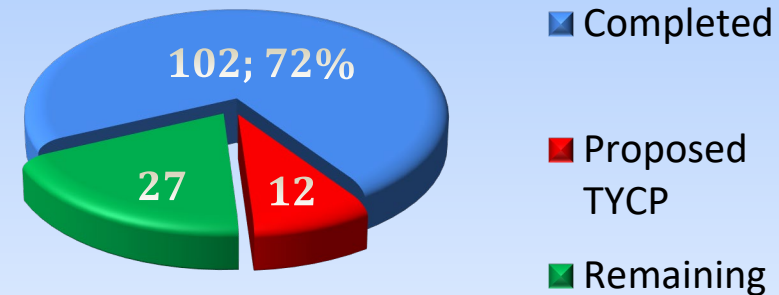
Master Plan and Proposed Ten Year Construction Program Summary

Conveyance Facilities (miles)



885 total miles on Master Plan

Debris/Detention Basins



141 total basins on Master Plan



Questions?

