

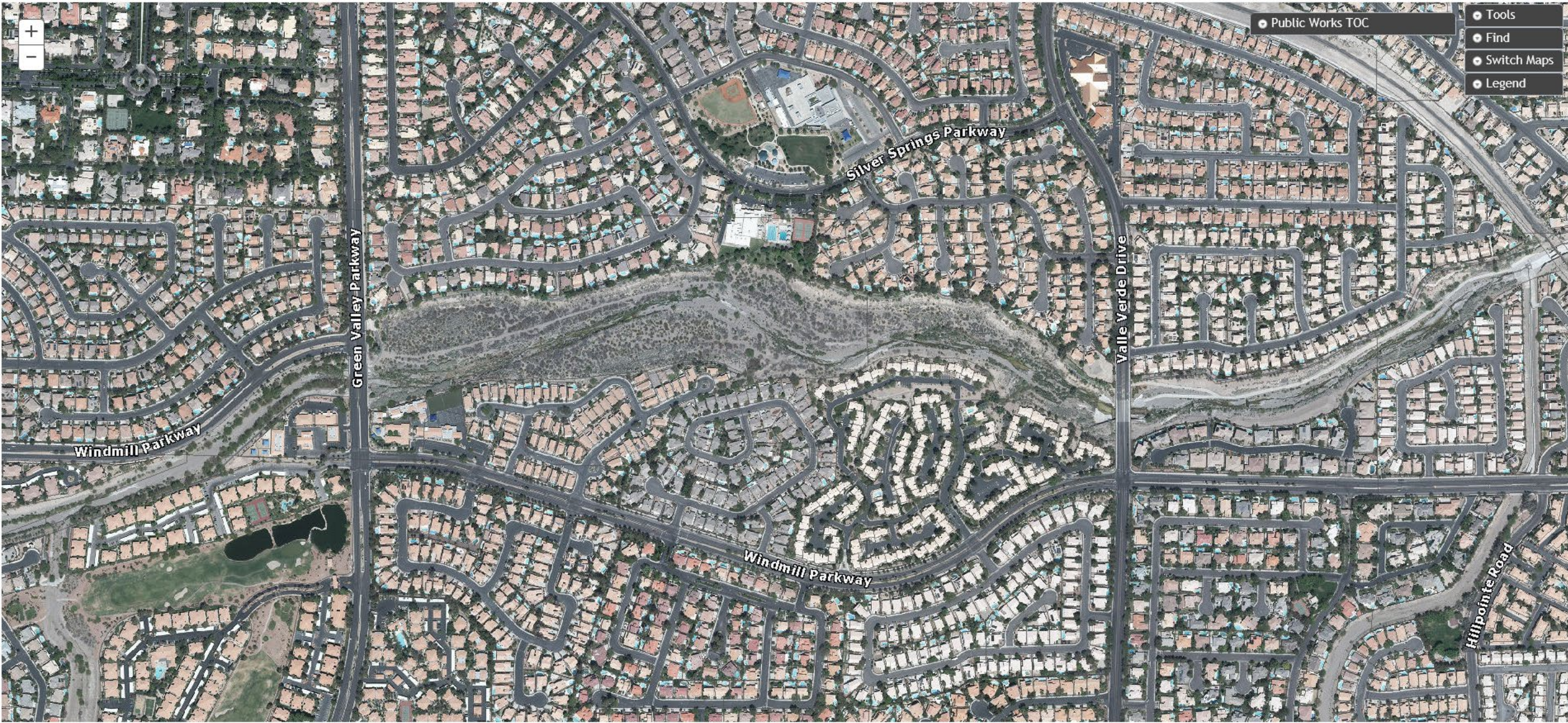
February 19, 2020

Upper Pittman Wash Stakeholder Group Meeting

Review of Current Flood Control Maintenance Activity



Pecos to Green Valley Parkway



Green Valley Parkway to Valle Verde

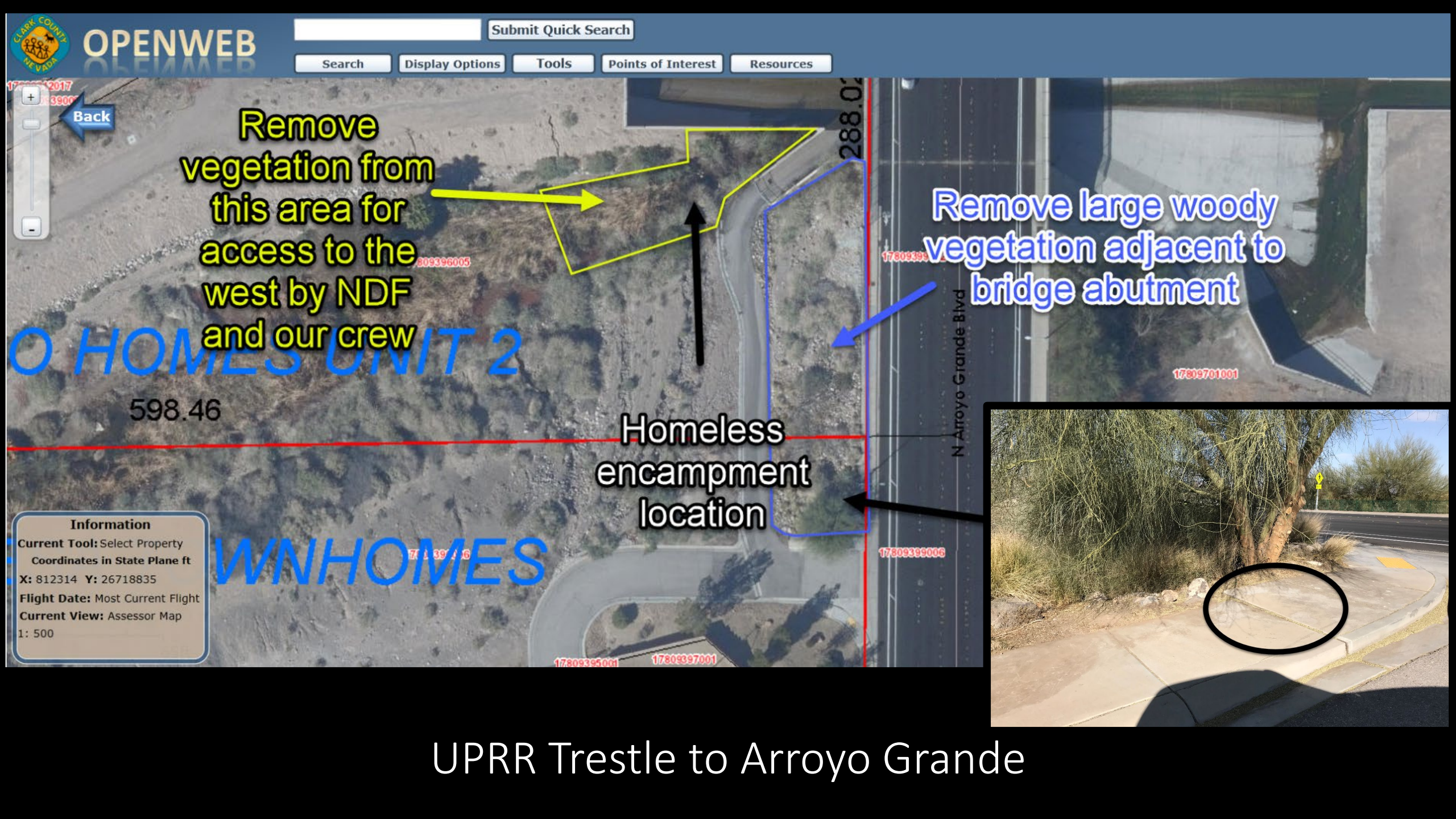




Valle Verde to UPRR Trestle



UPRR Trestle to Arroyo Grande



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Points of Interest

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Remove vegetation from this area for access to the west by NDF and our crew

Remove large woody vegetation adjacent to bridge abutment

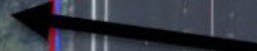
Homeless encampment location

Information
Current Tool: Select Property
Coordinates in State Plane ft
X: 812314 Y: 26718835
Flight Date: Most Current Flight
Current View: Assessor Map
1: 500

O HOMES UNIT 2

WNHOMES

N Arroyo Grande Blvd



UPRR Trestle to Arroyo Grande

City of Henderson.com

The Official Website of the City of Henderson, Nevada

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Public Works

Pittman Wash Public Outreach

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BIKE HENDERSON

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FLOOD CONTROL

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FUEL REVENUE INDEXING INFORMATION

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ROAD WORK PROJECTS

SAFE ROUTES TO SCHOOL

TELECOMMUNICATIONS LEASES & AGREEMENTS

THE CANYONS UPDATES

TRAFFIC INFORMATION

PITTMAN WASH

THE VITAL ROLE

STORMWATER FLOW VIDEO

ENVIRONMENTAL ASSESSMENT

HISTORY OF THE PITTMAN WASH

PITTMAN WASH MANAGEMENT

Pittman Wash Maintenance

To protect public infrastructure, private property, and the health and safety of citizens and visitors, annual maintenance is performed along the Pittman Wash to remove woody, invasive and noxious vegetation.

Work will take place October–March between Pecos Road and Arroyo Grande Boulevard.

Pittman Wash Management Criteria

Pittman Wash - examples of routine maintenance

Pittman Wash Stakeholder Group

The City of Henderson has established a stakeholder group to help keep neighbors adjacent to the Pittman Wash informed about the maintenance programs being performed by the City's Parks and Recreation, Utilities, and Public Works Departments.

The Stakeholder Group meets monthly and is comprised of one representative from most communities adjacent to the Wash between Pebble Road and Arroyo Grande Boulevard. Participating representatives will share information from each meeting with their community.

Meetings

Date	Topic
August 2019	History, purpose and flood control regulations of Pittman Wash
September 2019	Upcoming flood control maintenance
October 2019	Vegetation
November 2019	General Management Criteria for the maintenance of unlined flood control channels
December 2019	Fire hazards and fuel reduction

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BOARDS & COMMISSIONS

Meeting Presentation Materials

August 2019

08-21-19 Agenda Upper Pittman Wash Stakeholder Group

Flood Control Regulations for Maintenance Activity (Pittman Wash 08-21-19) presentation

History & Purpose (Pittman Wash 8-21-19) presentation

September 2019

2019--09-18 Agenda Upper Pittman Wash (Stakeholder Group)

2019--09-18 Upcoming Flood Control Maintenance presentation

October 2019

2019--10-16 Final Agenda Upper Pittman Wash (Stakeholder Group)

Friends of Pittman Wash handout - Non-native Invasive Weeds

October Presenters

November 2019

2019--11-20 FINAL Agenda Upper Pittman Wash (Stakeholder Group)

2019--11-20 General Mgmt Criteria (updated)

December 2019

2019--12-18 Agenda Upper Pittman Wash (Stakeholder Group)

2019--12-18 fire hazards and fuel reduction (and swift water rescue)

Video: Brush fire at Whitney Mesa Nature Preserve, July 2016

Video: Swift water rescue - Henderson Fire crews at Eastern Avenue and St. Rose Parkway, January 2018

Mosquito Control

The City of Henderson works closely with the Southern Nevada Health District to monitor mosquitos and treat as needed. Authorities have noticed an increase in West Nile Virus cases in parts of the Las Vegas Valley. When outdoors, wear long sleeves and use repellent and drain standing water. Get more tips at the Southern Nevada Health District website.

Pittman Wash webpage

www.cityofhenderson.com/PittmanWash

Henderson, Nevada

A PLACE TO CALL HOME

Quick Links

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ONLINE REGISTRATION

CUSTOMER SURVEY

City of Henderson

Incorporated in 1953, Henderson has developed into a community with premier services and amenities.

Contact Henderson

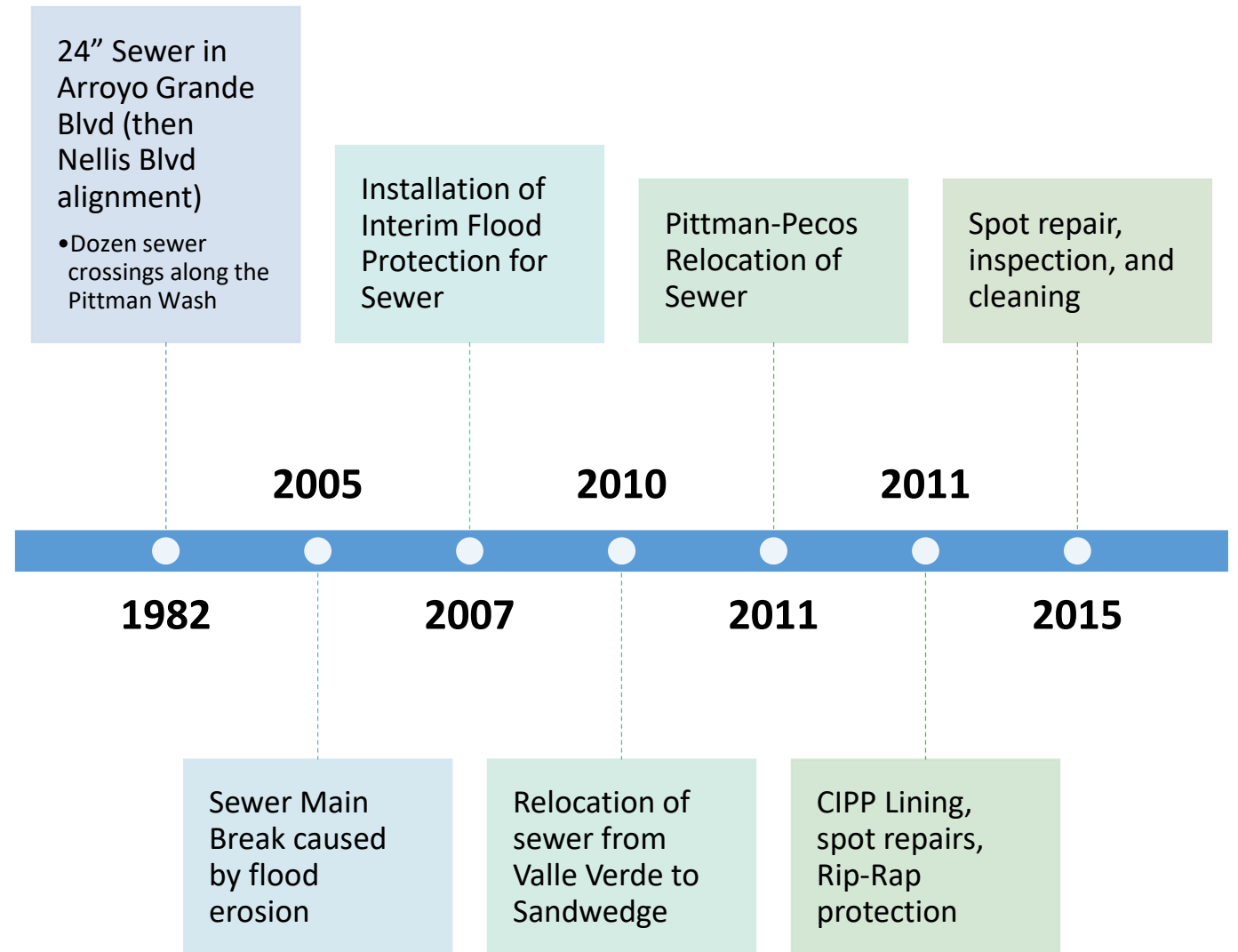
Download the app on your smart phone or use the portal on the webpage at

www.cityofhenderson.com

Pittman Wash Sanitary Sewer

Sewer Maintenance and Importance

History of Sewer System



August 2005





September 2005



Sanitary Sewer Overflows (SSO)

- Between 25,000 and 75,000 SSO annually in the US per the EPA
- Goal is 0.5 SSO per 100 miles of pipe. AWWA top quartile.

Preventative Maintenance



Routine Jetting for cleaning



CCTV for condition assessment



Verification of cover over the pipe



Manhole access – condition and
vandalism

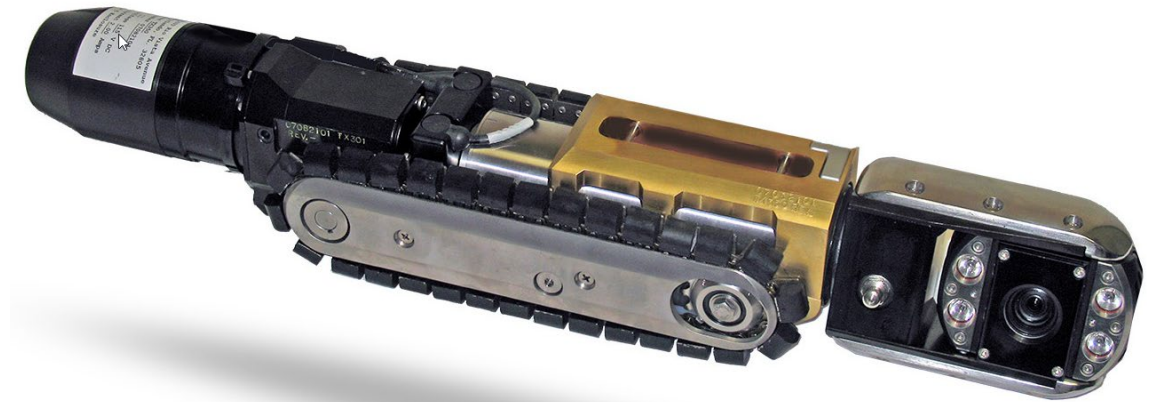
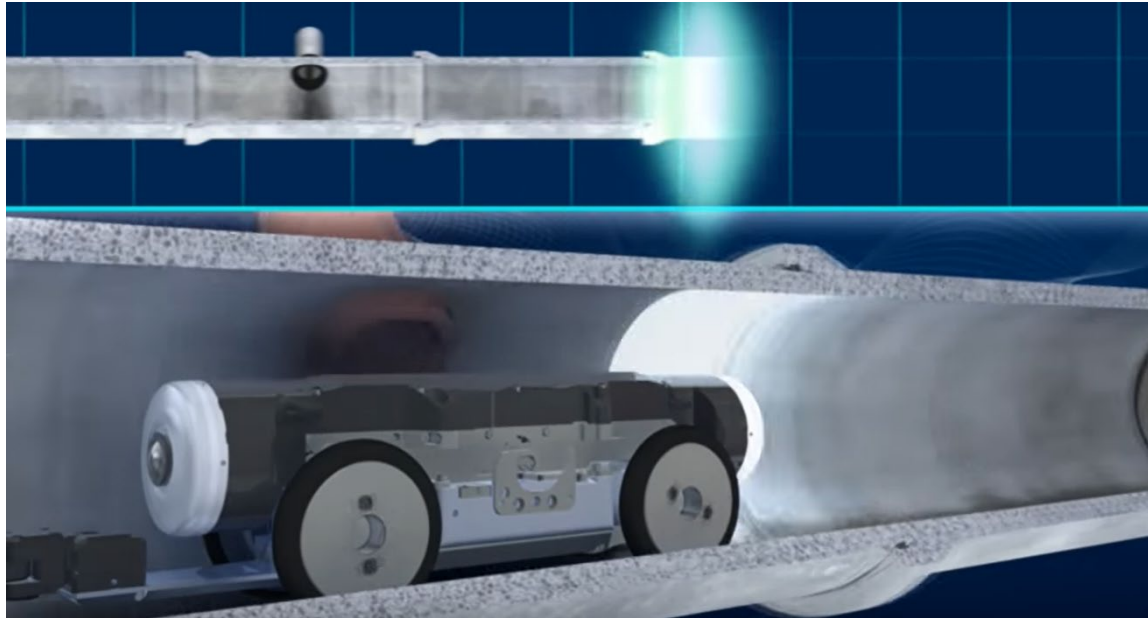
Sewer Jetting and Cleaning





Sewer Jetting and Cleaning

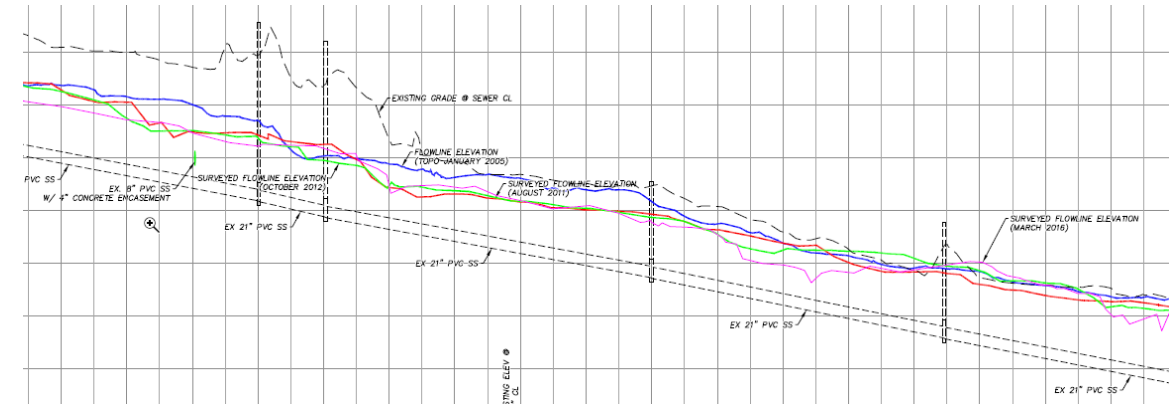
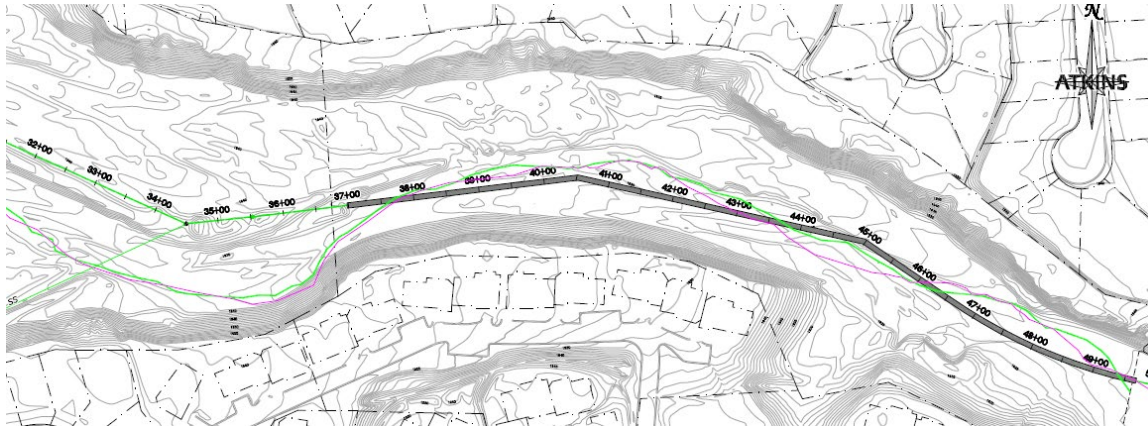
Condition Assessment



Repairs



Verification of Cover



Sewer Access Points





Sewer Access



Sewer Access



Sewer Access

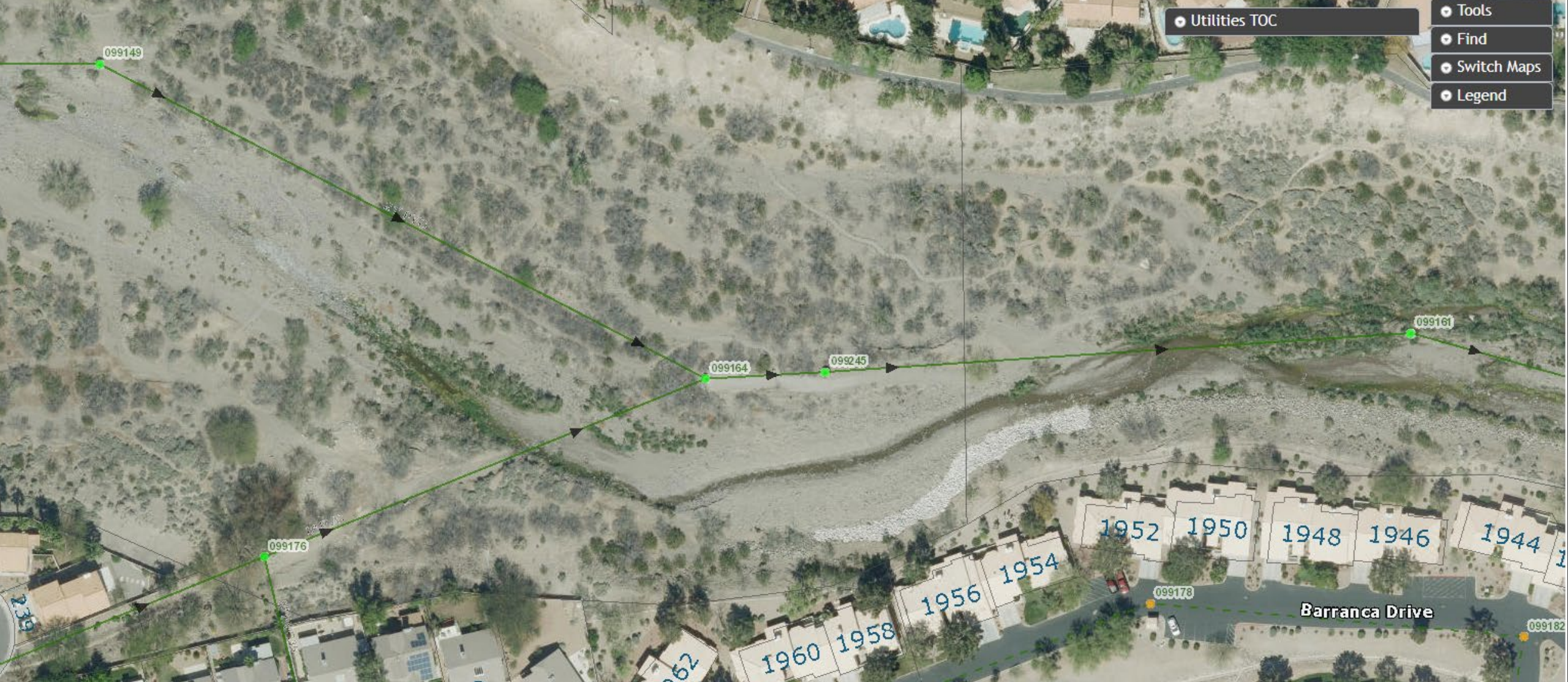
- Manhole #099173 in Feb. 2020
- Vehicle access near impassable
- Cleared area around to increase access and visibility



Sewer Access Points
2015



Sewer Access Points
2016



Sewer Access Points
2017



Sewer Access Points
2019



Sewer Access Points 2011



Sewer Access Points
1999

Summary

- Maintenance is key to prevent sanitary sewer overflows
- Condition assessment is part of an Asset Management Program
- Asset renewal budgeted in the Capital Improvement Plan

Sewage Overflow at Crane Creek on December 31, 2015
Credit: Bill Stangler; South Carolina Public Radio.org

