

Brawley Wash Watershed Plan and Environmental Assessment

Appendix C – Supporting Maps

CONTENTS:

Figure 4 – Economic Analysis Study Area Boundary

Figure 5 – Hydraulic Structures within Study Area (1 of 6)

Figure 6 – Hydraulic Structures within Study Area (2 of 6)

Figure 7 – Hydraulic Structures within Study Area (3 of 6)

Figure 8 – Hydraulic Structures within Study Area (4 of 6)

Figure 9 – Hydraulic Structures within Study Area (5 of 6)

Figure 10 – Hydraulic Structures within Study Area (6 of 6)

Figure 11 – Study Area Agriculture

Figure 12 – Prime and Unique Farmland

Figure 13 – NWI Topo Problem Area – Overview

Figure 14 – NWI Topo Problem Area – Prickle Desert

Figure 15 – NWI Topo Problem Area – Tortuga Ranch

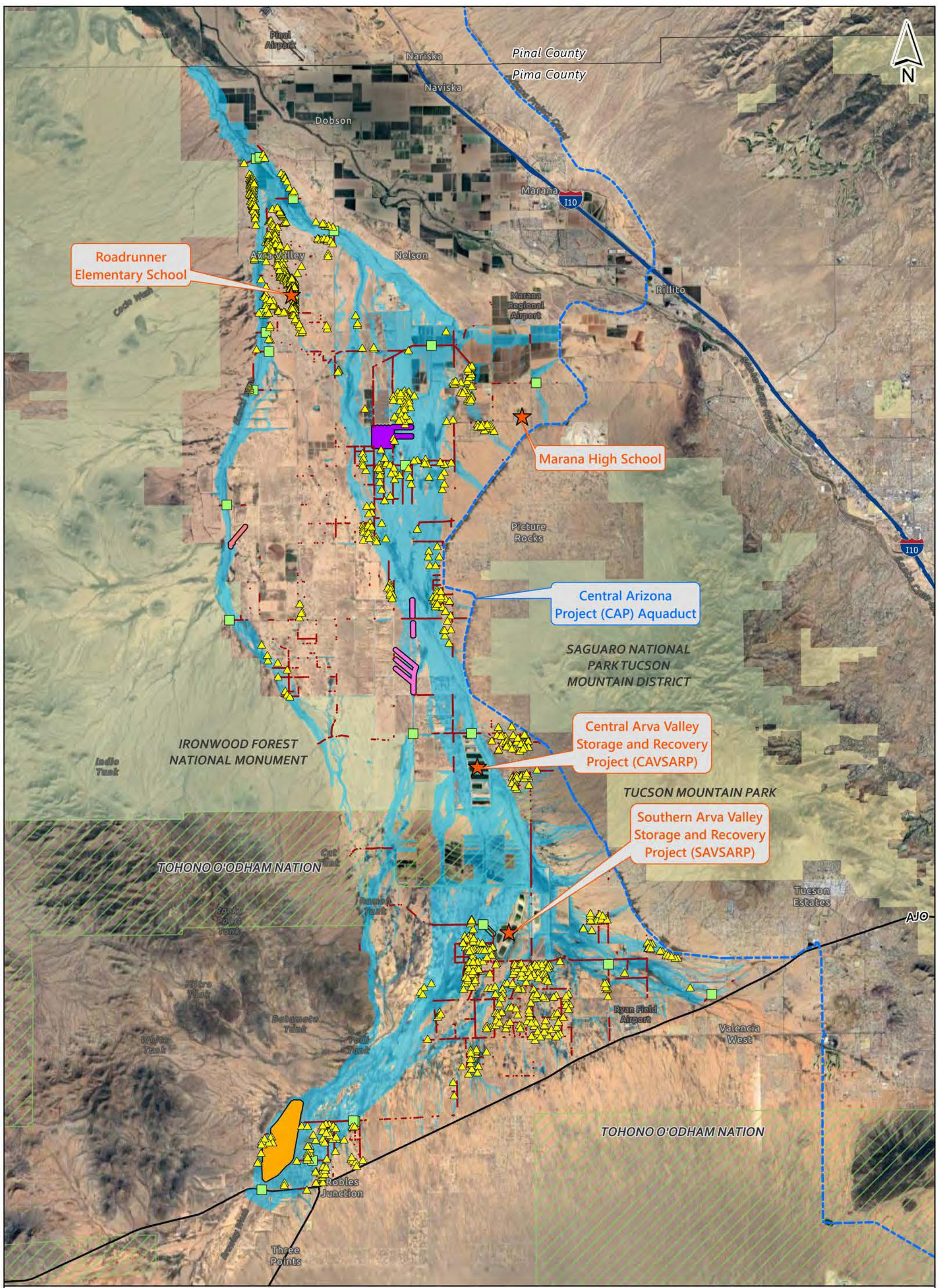
Figure 16 – NWI Topo Problem Area – Tucker Road

Figure 17 – Pima County RRH Overview

Figure 18 – Pima County RRH Prickle Desert

Figure 19 – Pima County RRH Tortuga Ranch

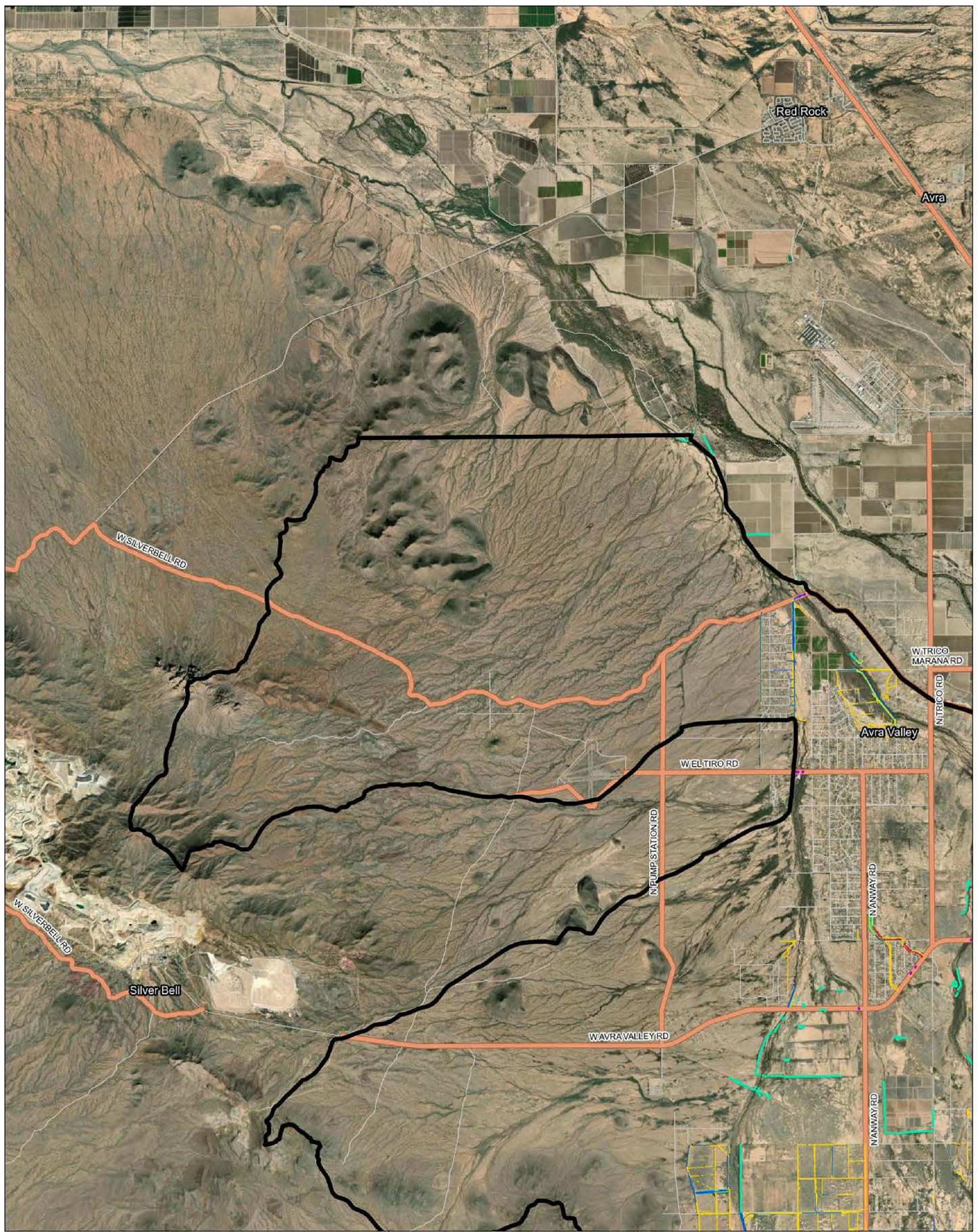
Figure 20 – Economic Analysis 10-year Inundation Boundary



Brawley Wash Watershed

Figure 4
Economic Analysis
Study Area Boundary
Pima County, Arizona

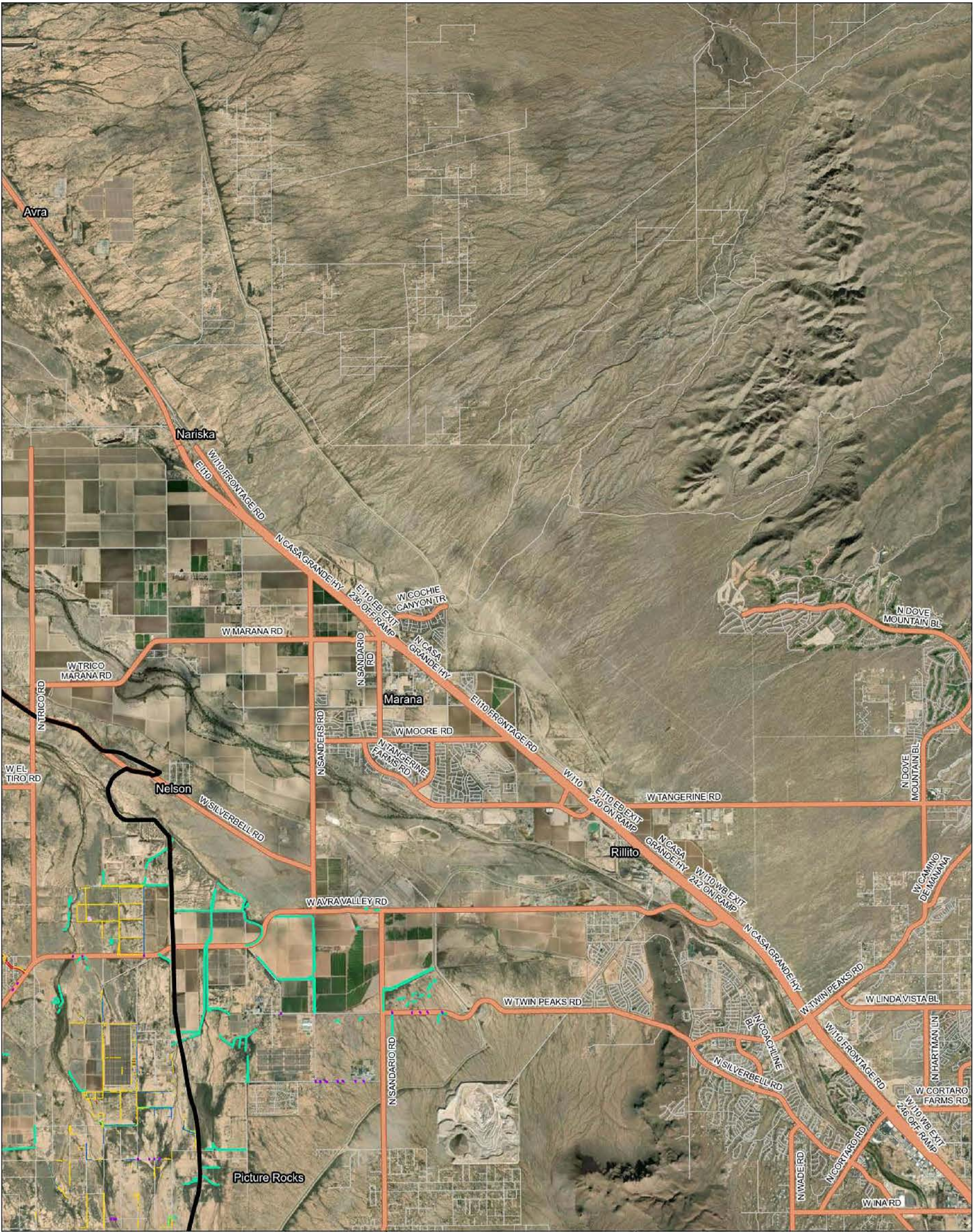




-
- Legend:
- Study Boundary
 - Major Streets
 - Other Streets
 - Culvert
 - Levee
 - Berm
 - Terrace Edge
 - Depression
 - Ditch
 - Tank

Pima County Regional Flood Control District
Brawley Wash Watershed Plan

Hydraulic Structures within Study Area
(1 of 6)



Notes
1. Coordinate System: NAD 1983 HARN StatePlane Arizona Central FIPS 0202 Feet Intl
2. Data Sources: AZ Geo, Stantec
3. Background: Esri, TomTom, Garmin, FAD, NOAA, USGS, EPA, USFWS, Earthstar Geographics

- | | | | |
|--|----------------|--|--------------|
| | Study Boundary | | Culvert |
| | Major Streets | | Levee |
| | Other Streets | | Berm |
| | | | Terrace Edge |
| | | | Depression |
| | | | Ditch |
| | | | Tank |

0 0.75 1.5 Miles
(At original document size of 11x17)
1:95,040



Project Location
Pima County, Arizona
Client/Project

Prepared by JS on 06/17/24
TR by JM on 06/17/24
IR by JA on 06/17/24

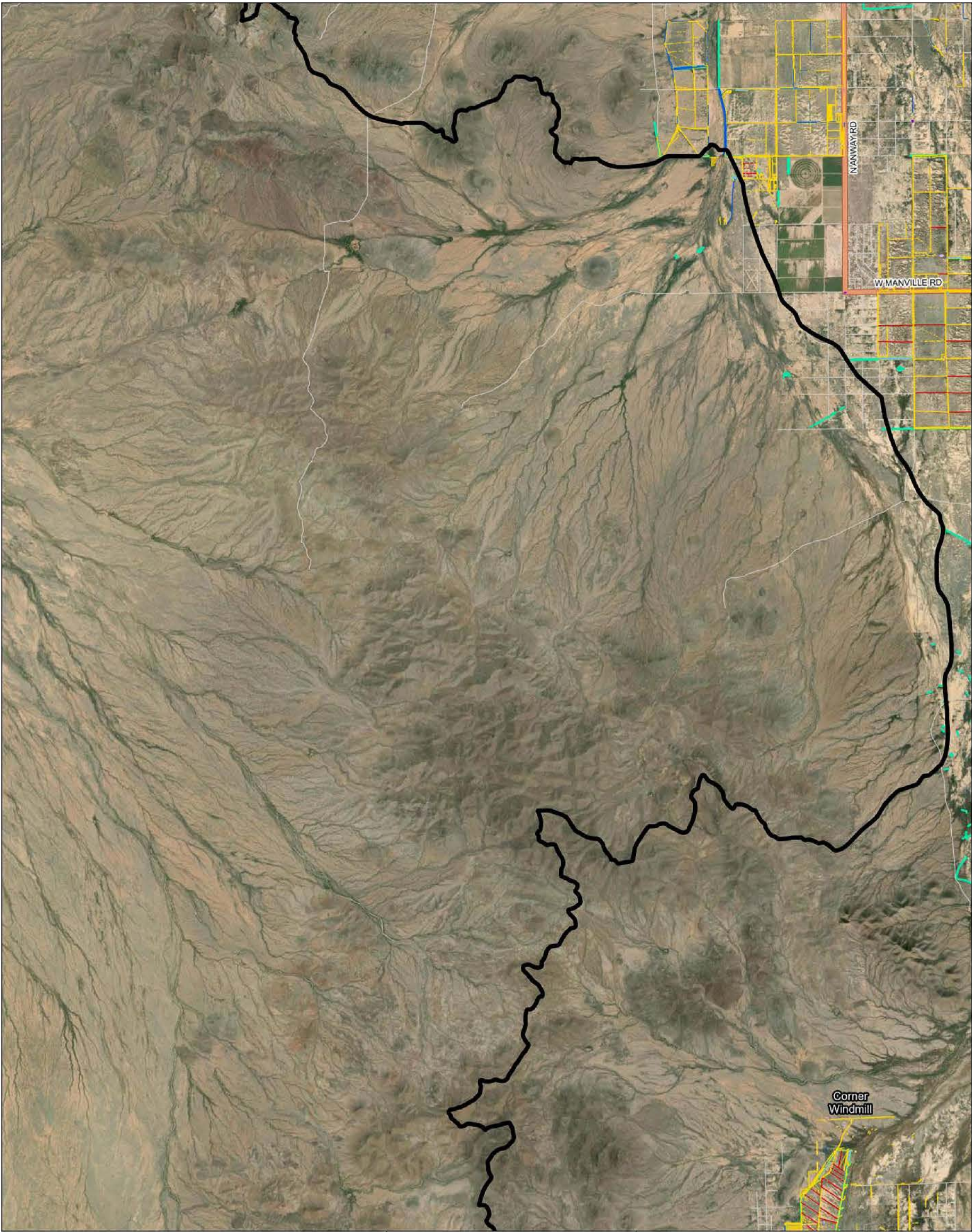
Pima County Regional Flood Control District
Brawley Wash Watershed Plan

Figure No.

6

Title

Hydraulic Structures within Study Area
(2 of 6)



Notes
1. Coordinate System: NAD 1983 HARN StatePlane Arizona Central FIPS 0202 Feet Int'l
2. Data Sources: AZ Geo, Stantec
3. Background: Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS, Earthstar Geographics

- Study Boundary
- Major Streets
- Other Streets
- Culvert
- Levee
- Berm
- Terrace Edge
- Depression
- Ditch
- Tank

0 0.75 1.5 Miles
(At original document size of 11x17)
1:95,040



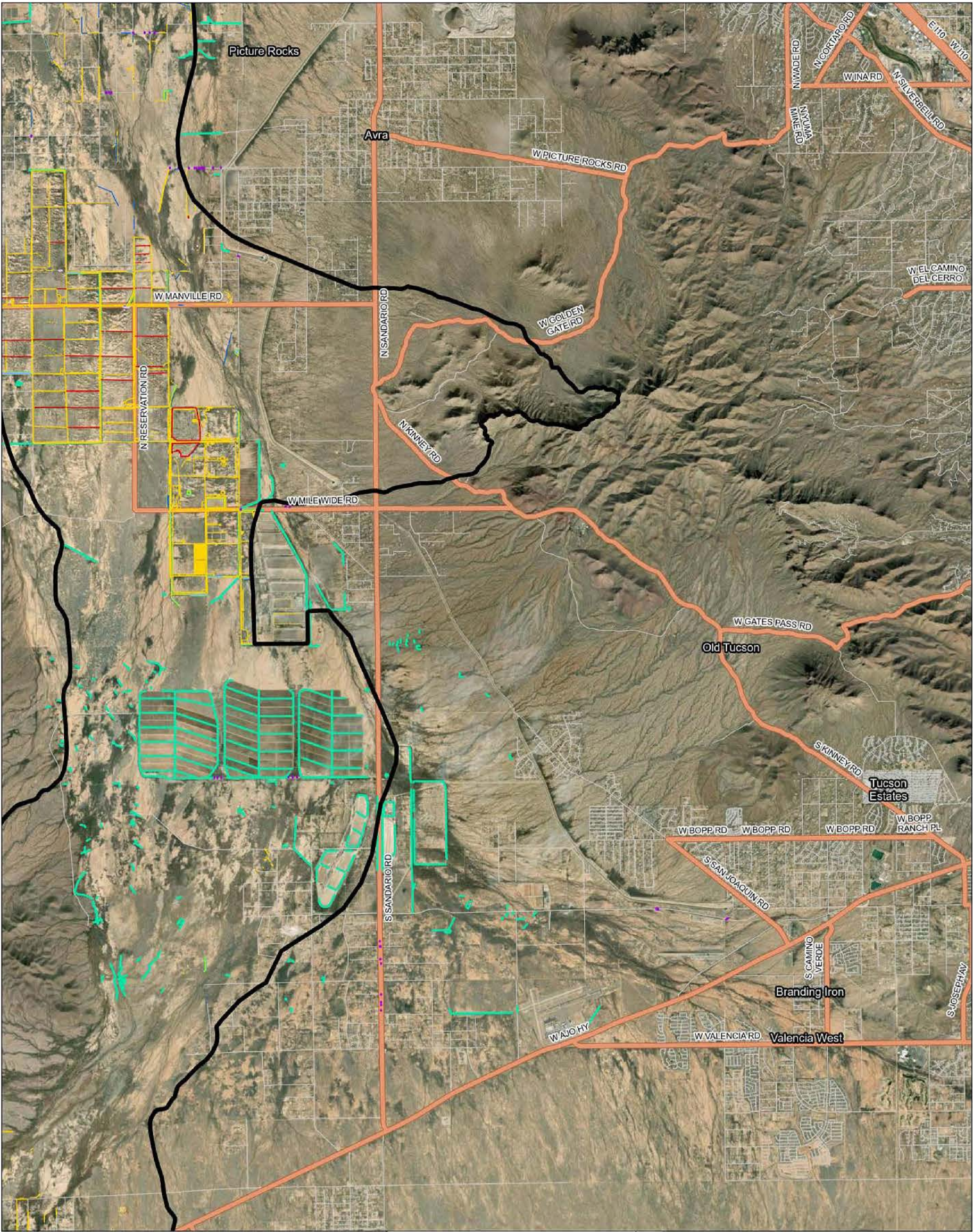
Project Location
Pima County, Arizona
Client/Project

Prepared by JS on 06/17/24
TR by JM on 06/17/24
IR by JA on 06/17/24

Pima County Regional Flood Control District
Brawley Wash Watershed Plan

Figure No.
7

Title
**Hydraulic Structures within Study Area
(3 of 6)**



Notes
1. Coordinate System: NAD 1983 HARN StatePlane Arizona Central FIPS 0202 Feet Intl
2. Data Sources: AZ Geo, Stantec
3. Background: Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS, Earthstar Geographics

- | | |
|----------------|--------------|
| Study Boundary | Culvert |
| Major Streets | Levee |
| Other Streets | Berm |
| | Terrace Edge |
| | Depression |
| | Ditch |
| | Tank |

0 0.75 1.5 Miles
(At original document size of 11x17)
1:95,040



Project Location
Pima County, Arizona
Client/Project

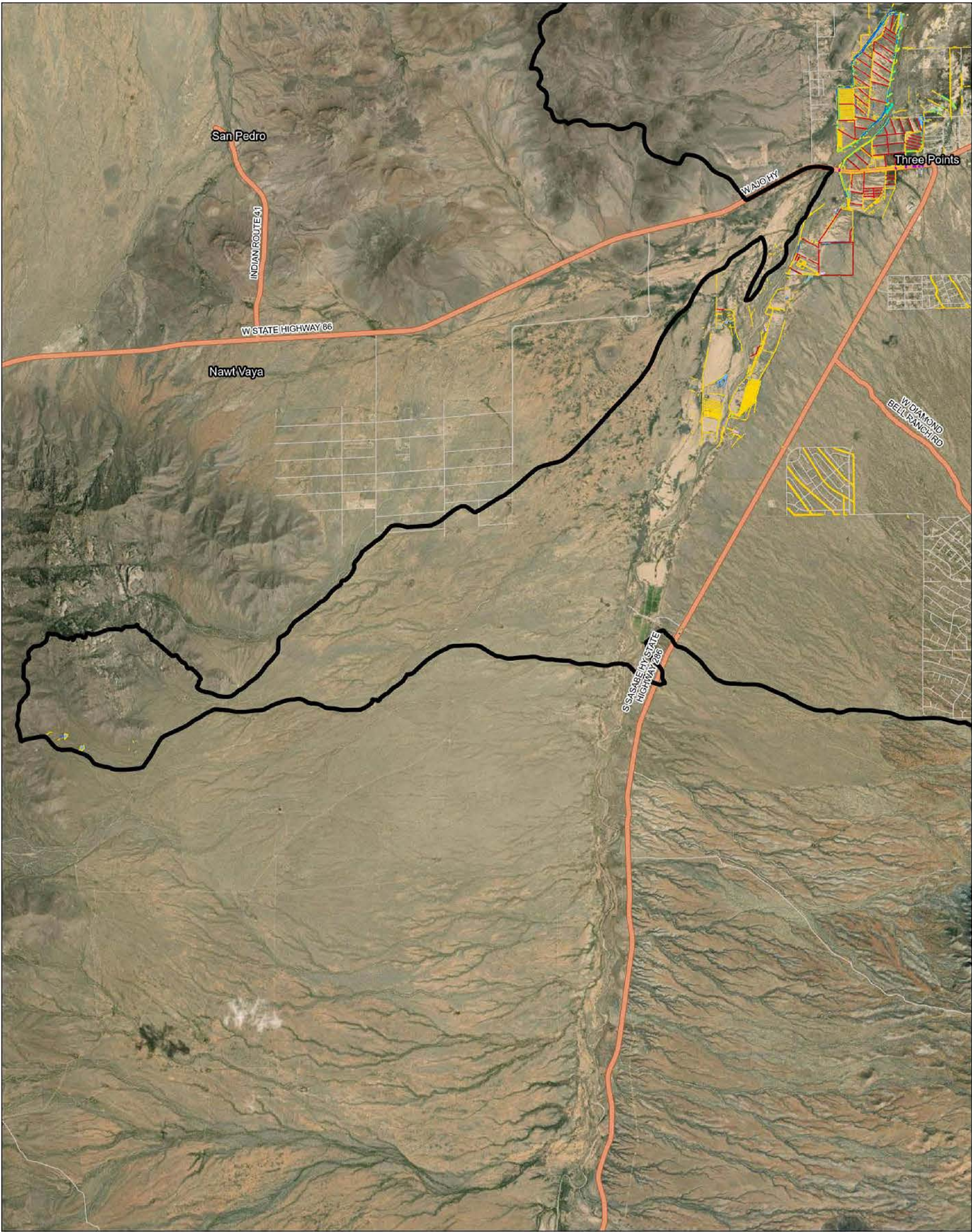
Prepared by JS on 06/17/24
TR by JM on 06/17/24
IR by JA on 06/17/24

Pima County Regional Flood Control District
Brawley Wash Watershed Plan

Figure No.

8

Title
**Hydraulic Structures within Study Area
(4 of 6)**



↓ Refer to Hydraulic Structures within Study Area (6 of 6) ↓



Notes
1. Coordinate System: NAD 1983 HARN StatePlane Arizona Central FIPS 0202 Feet Int'l
2. Data Sources: AZ Geo, Stantec
3. Background: Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS, Barthstar Geographics

Study Boundary
 Major Streets
 Other Streets

Culvert
 Levee
 Berm
 Terrace Edge
 Depression
 Ditch
 Tank

0 0.75 1.5 Miles
(At original document size of 11x17)
1:95,040



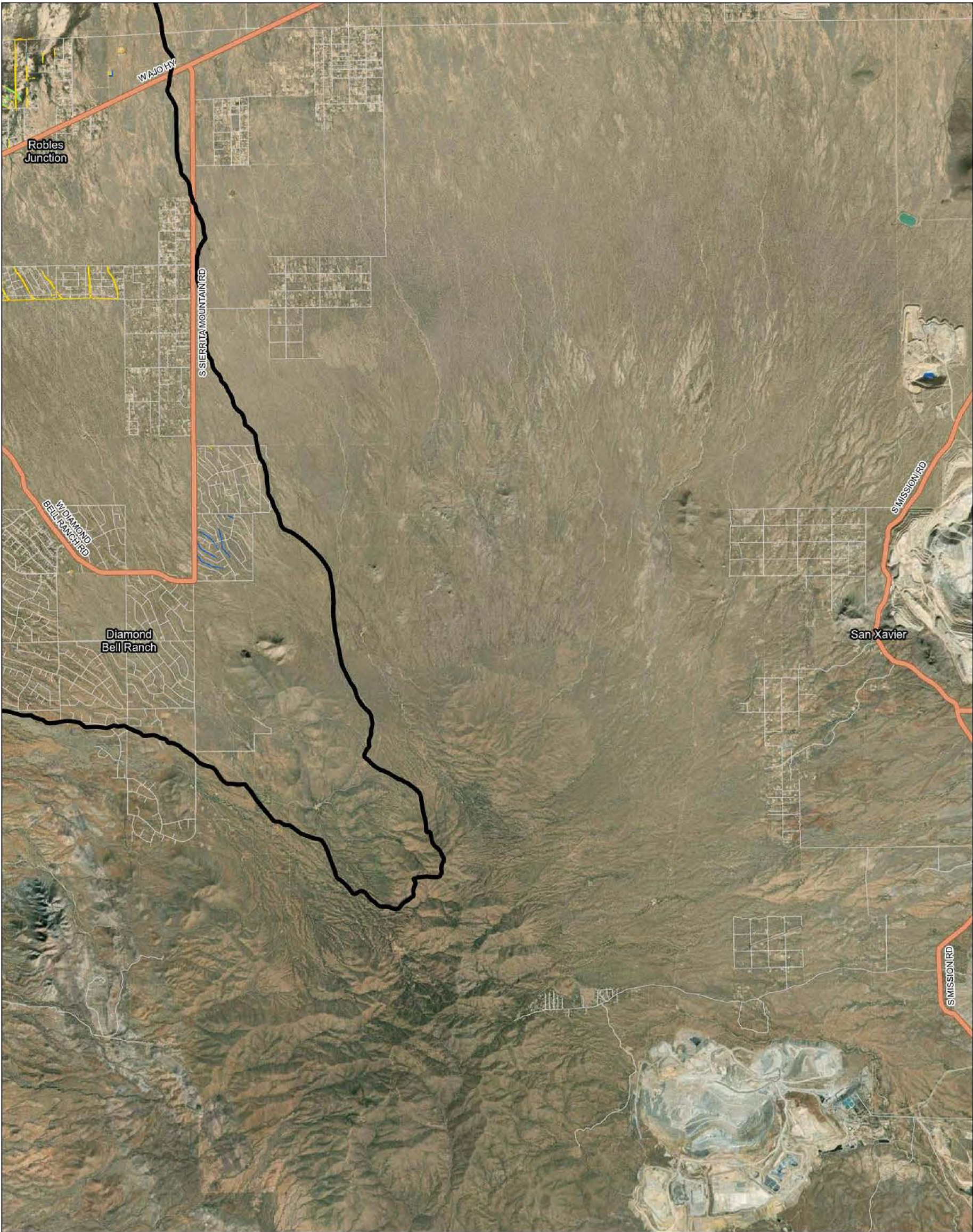
Project Location
Pima County, Arizona
Client/Project

Prepared by JS on 06/17/24
TR by JM on 06/17/24
IR by JA on 06/17/24

Pima County Regional Flood Control District
Brawley Wash Watershed Plan

Figure No.
9

Title
**Hydraulic Structures within Study Area
(5 of 6)**



Notes
1. Coordinate System: NAD 1983 HARN StatePlane Arizona Central FIPS 0202 Feet In11
2. Data Sources: AZ Geo, Stantec
3. Background: Esri, TomTom, Garmin, FAD, NOAA, USGS, EPA, USFWS, Barthstar Geographics

- Study Boundary
- Major Streets
- Other Streets

- Culvert
- Terrace Edge
- Berm
- Ditch
- Tank
- Depression

0 0.75 1.5 Miles
(At original document size of 11x17)
1:95,040



Project Location
Pima County, Arizona
Client/Project

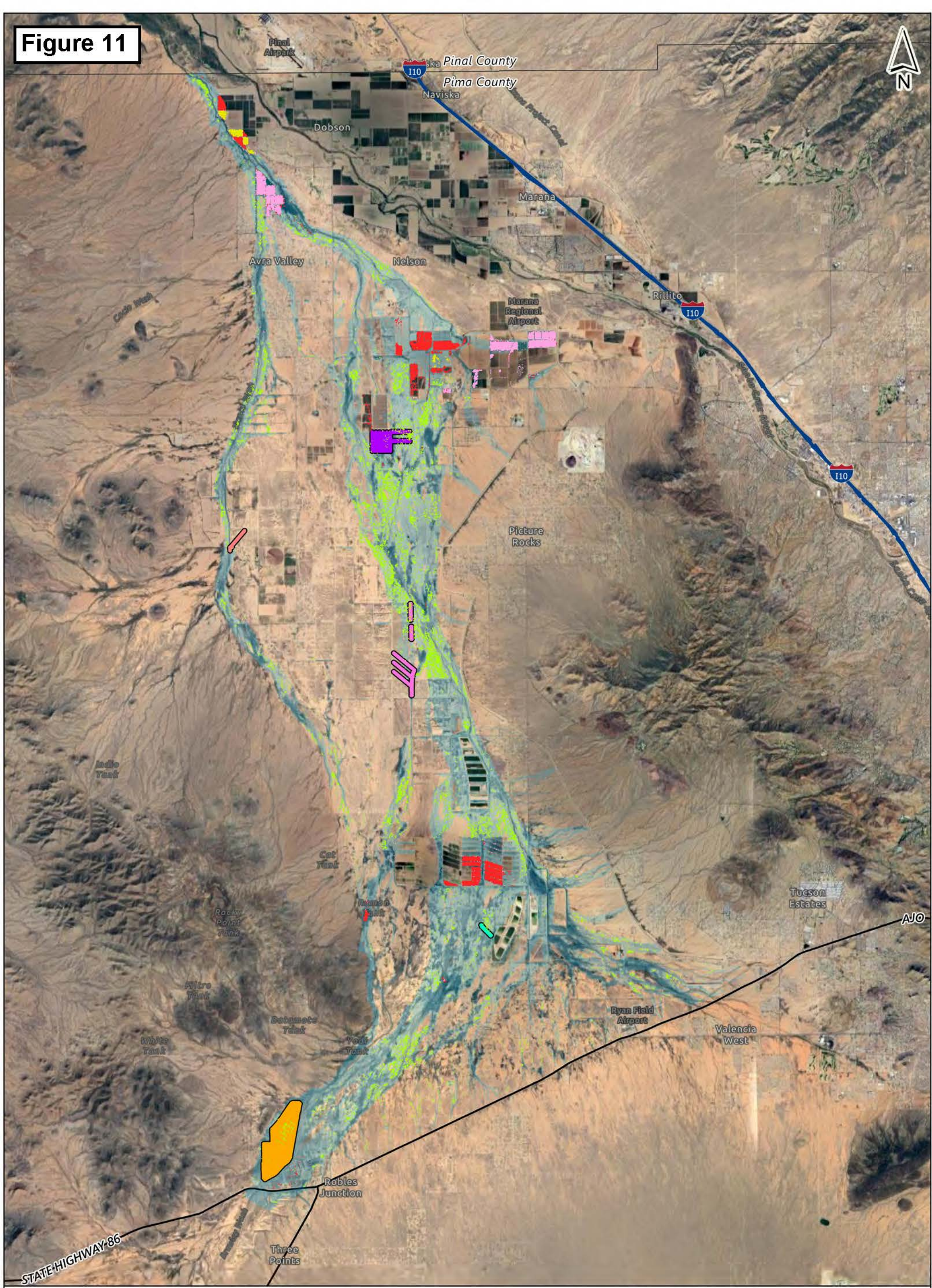
Prepared by JS on 06/17/24
TR by JM on 06/17/24
IR by JA on 06/17/24

Pima County Regional Flood Control District
Brawley Wash Watershed Plan

Figure No.
10

**Hydraulic Structures within Study Area
(6 of 6)**

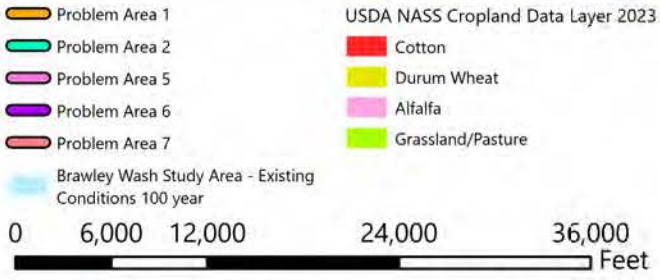
Figure 11



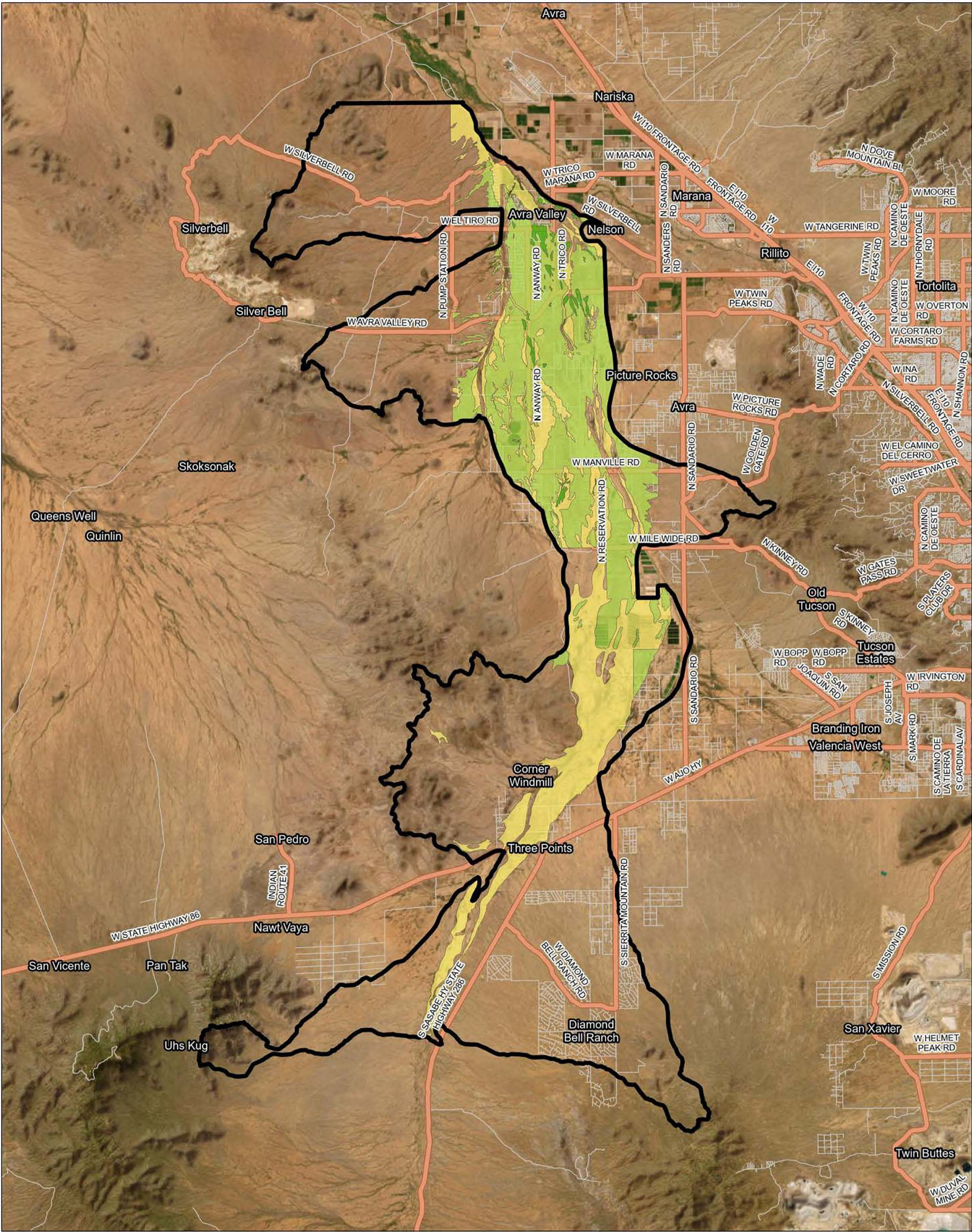
Brawley Wash Watershed

Figure 11
Study Area Agriculture

Pima County, Arizona



U:\1813\181301200\geospatial\ArcPro\BrawleyWash_JS_20240419.aprx Revised: 2024-06-17 By: jsajbel



Notes
1. Coordinate System: NAD 1983 HARN StatePlane Arizona Central FIPS 0202 Feet Intl
2. Data Sources: AZ Geo, Stantec
3. Background: Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS, Earthstar Geographics

- Study Boundary
- Major Streets
- Other Streets

Farmland

- Farmland of unique importance
- Prime farmland if irrigated
- Prime farmland if irrigated and protected or not flooded
- Not prime farmland

Farmland

- Farmland of unique importance
- Prime farmland if irrigated
- Prime farmland if irrigated and protected or not frequently flooded during the growing season
- Not prime farmland

Acres

- 1,260
- 33,226
- 26,323
- 132,485

0 Miles
(At original document size of 11x17)
1:253,440



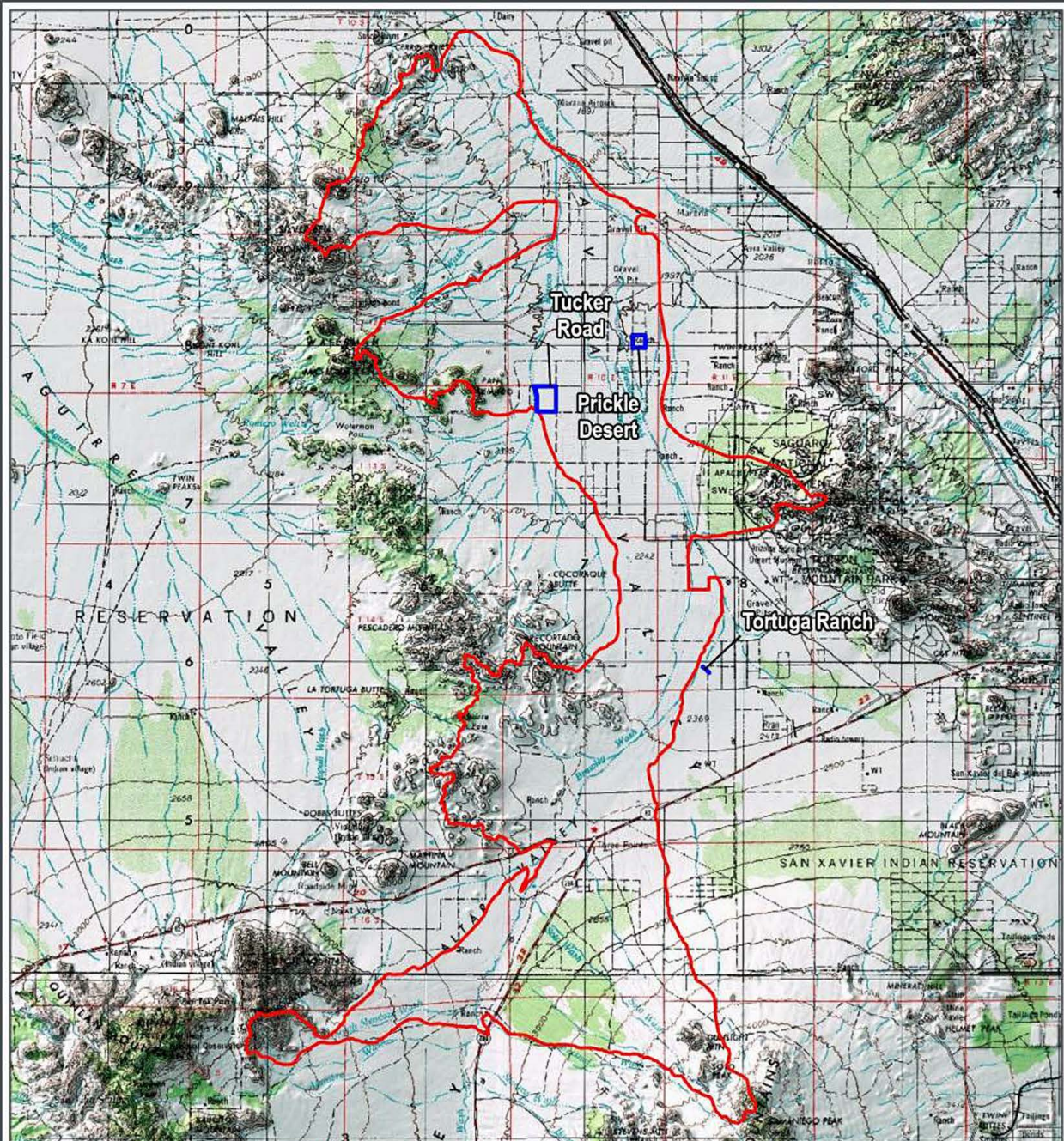
Project Location
Pima County, Arizona
Client/Project

Prepared by JS on 06/17/24
TR by JLI on 06/17/24
IR by JA on 06/17/24

Pima County Regional Flood Control District
Brawley Wash Watershed Plan

Figure No.
12

Title
Prime and Unique Farmland Map



PIMA COUNTY BRAWLEY WASH
WATERSHED PLAN

Figure 13

- Study Area
- Problem Area
- National Wetland Inventory**
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine

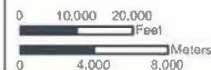
Pinal County, AZ
Pima County, AZ
NAD 1983 UTM Zone 12N
111.351°W 32.2264°N

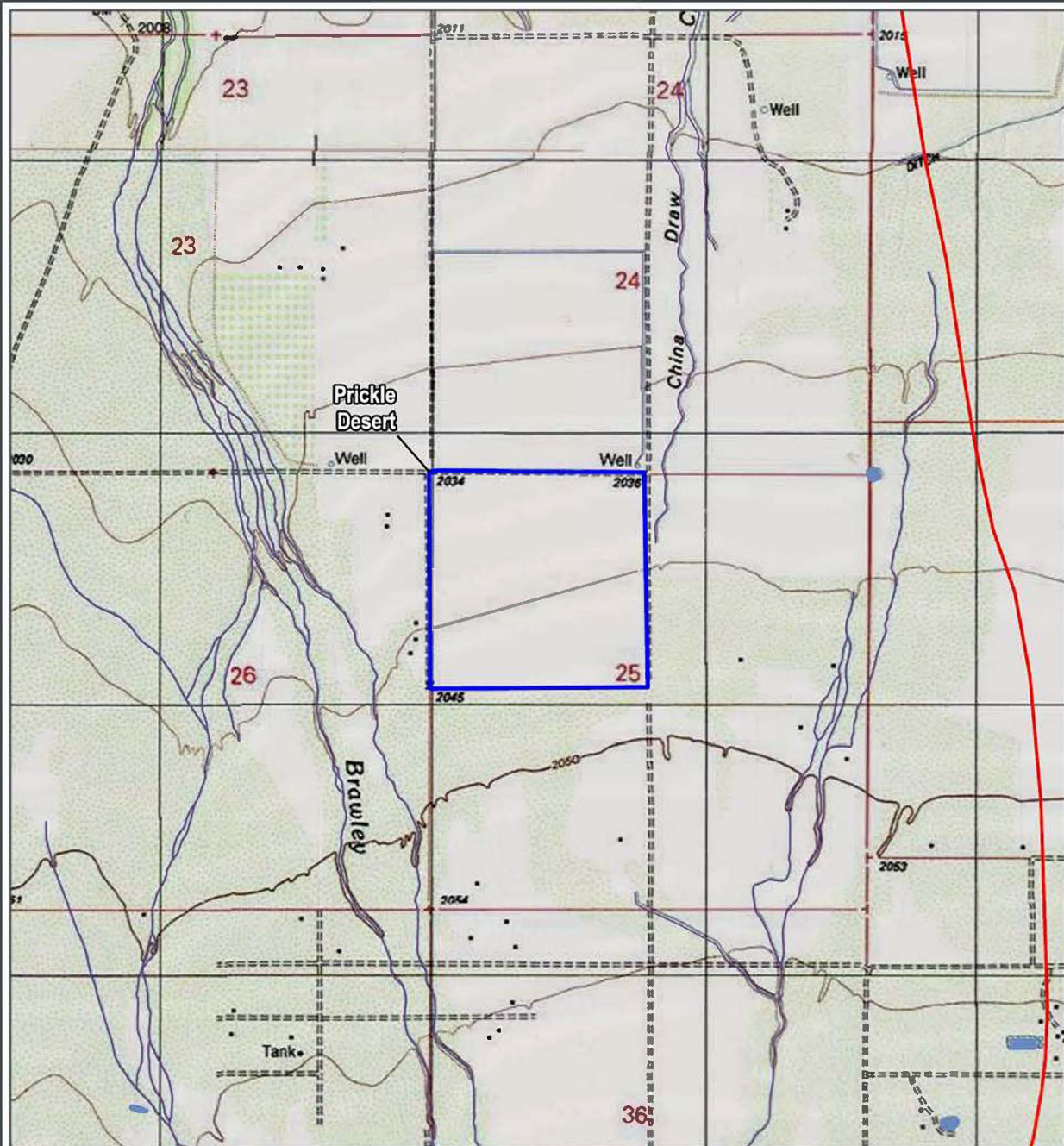
Base Map: ESRI ArcGIS Online,
accessed November 2024

Updated: 11/11/2024
Project No. 63720
File: NWI Topo Problem Area



1:410,000





PIMA COUNTY BRAWLEY WASH
WATERSHED PLAN

Figure 14

- Study Area
- Problem Area
- National Wetland Inventory**
- Freshwater Pond
- Riverine

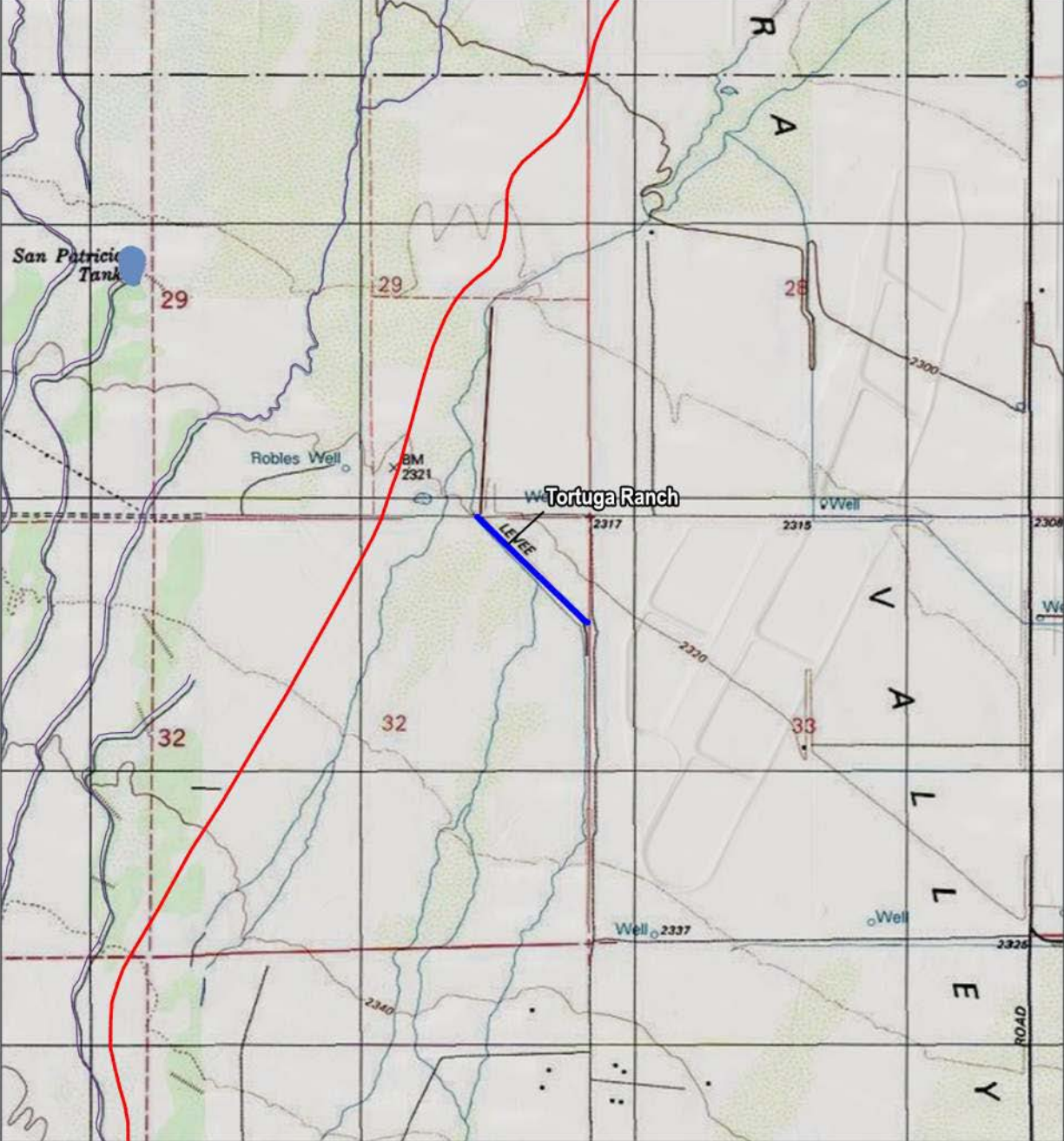
Pinal County, AZ
Pima County, AZ
NAD 1983 UTM Zone 12N
111.2828°W 32.3608°N

Base Map: ESRI ArcGIS Online,
accessed November 2024

Updated: 11/11/2024
Project No. 63720
File: NWI Topo Problem Area

N
1:24,000

0 1,000 2,000 Feet
0 250 500 Meters



PIMA COUNTY BRAWLEY WASH
WATERSHED PLAN

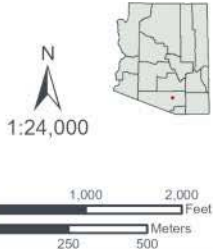
Figure 15

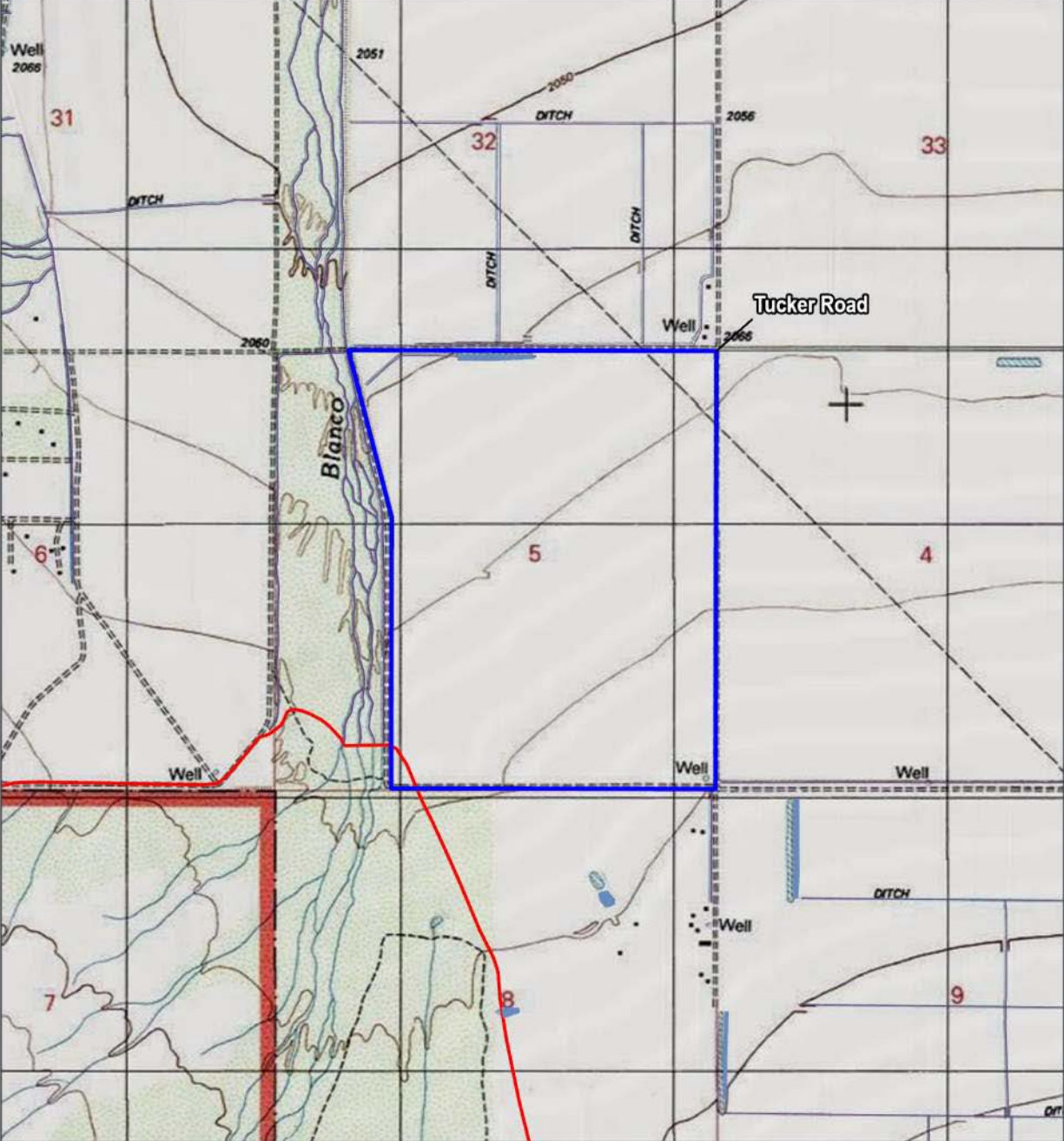
- Study Area
- Problem Area
- National Wetland Inventory**
- Freshwater Pond
- Riverine

Pinal County, AZ
Pima County, AZ
NAD 1983 UTM Zone 12N
111.2374°W 32.1739°N

Base Map: ESRI ArcGIS Online,
accessed November 2024

Updated: 11/11/2024
Project No. 63720
File: NWI Topo Problem Area





PIMA COUNTY BRAWLEY WASH
WATERSHED PLAN

Figure 16

- Study Area
- Problem Area
- National Wetland Inventory**
- Freshwater Pond
- Riverine

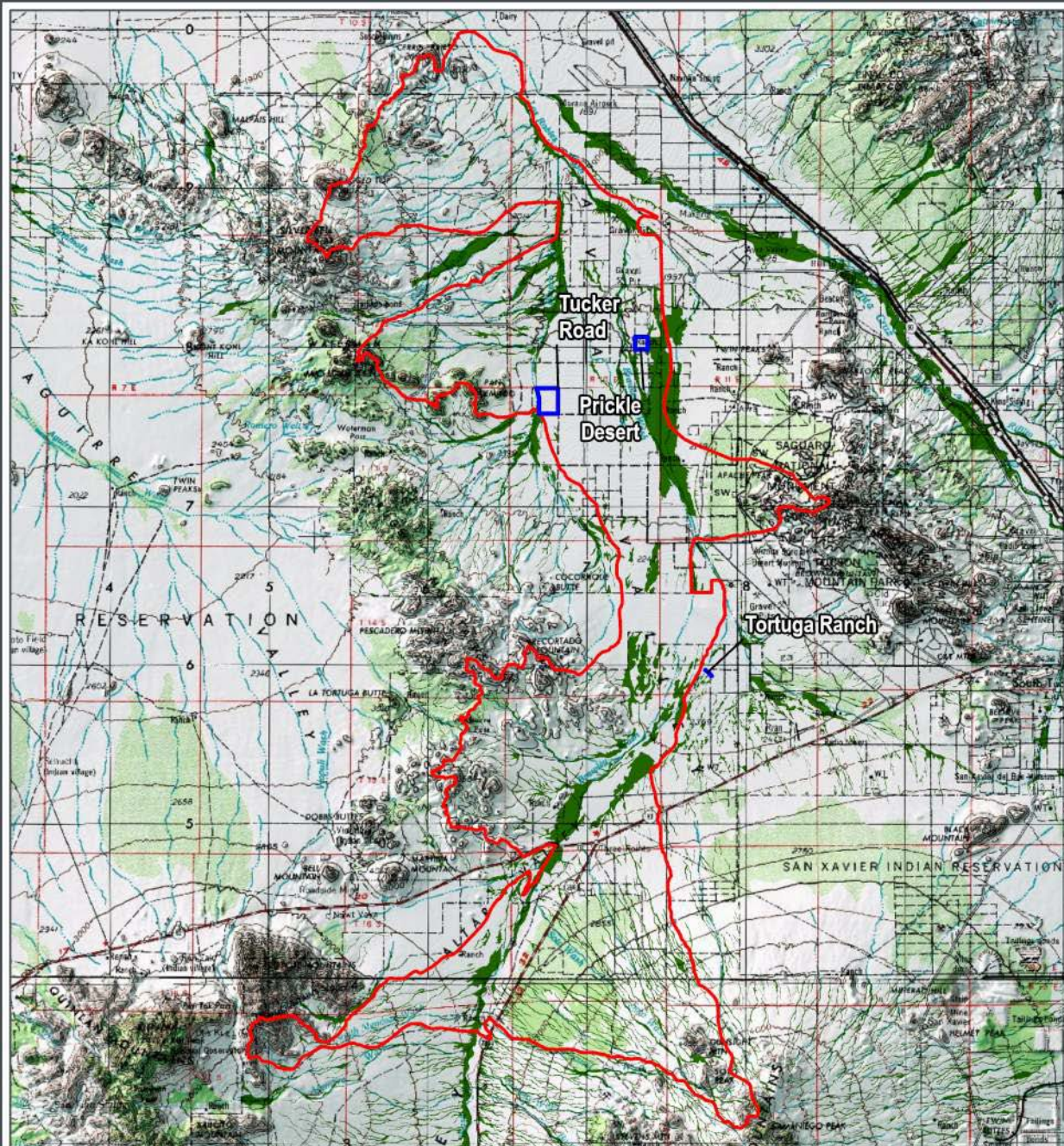
Pinal County, AZ
Pima County, AZ
NAD 1983 UTM Zone 12N
111.3455°W 32.3279°N

Base Map: ESRI ArcGIS Online,
accessed November 2024

Updated: 11/11/2024
Project No. 63720
File: NWI Topo Problem Area

N
1:24,000

0 1,000 2,000 Feet
0 250 500 Meters



PIMA COUNTY BRAWLEY WASH
WATERSHED PLAN

Figure 17

- Study Area
- Problem Area
- Pima County Regulated Riparian Habitat

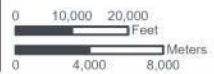
Pinal County, AZ
Pima County, AZ
NAD 1983 UTM Zone 12N
111.351°W 32.2264°N

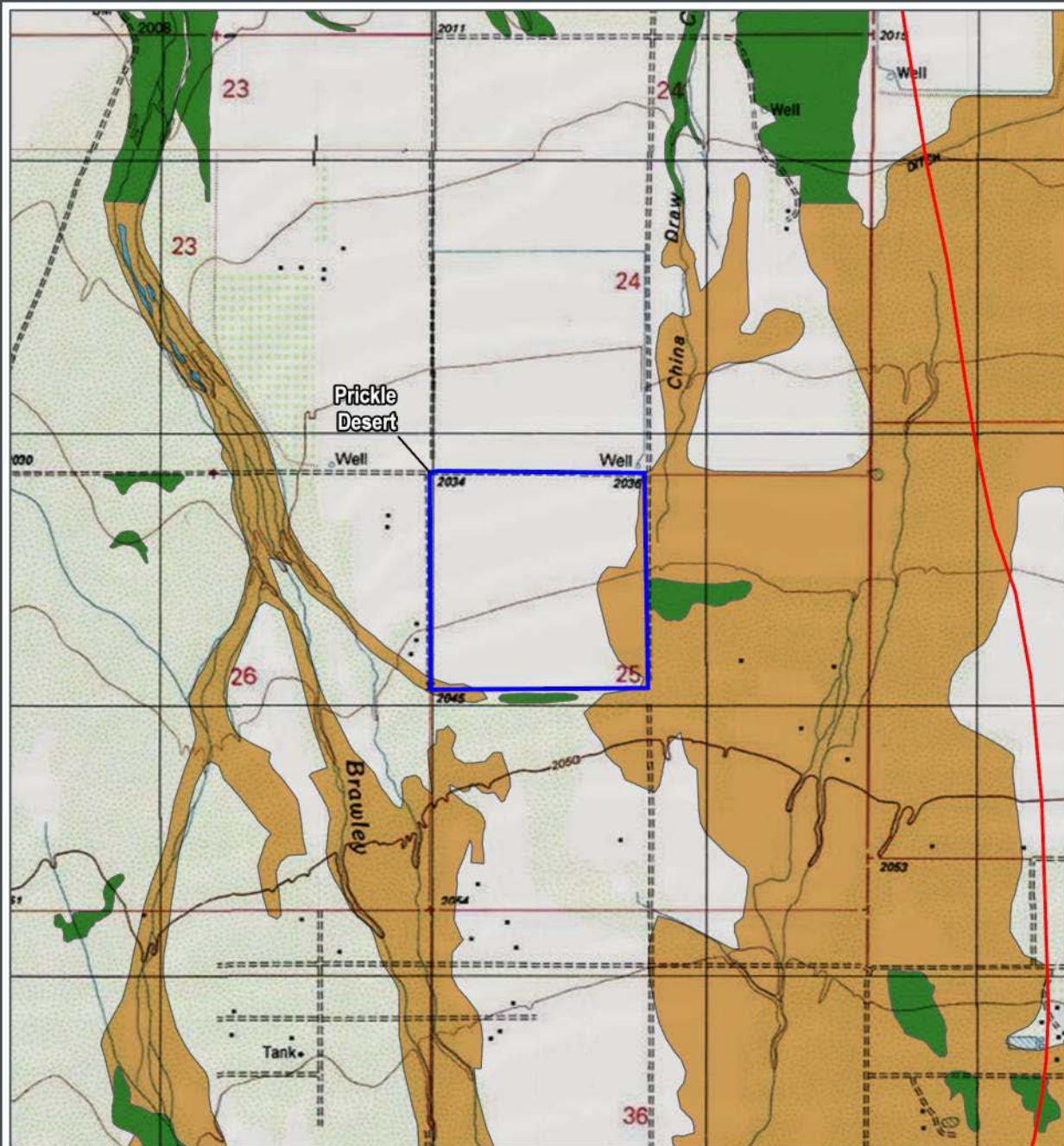


N
1:410,000

Base Map: ESRI ArcGIS Online,
accessed November 2024

Updated: 11/11/2024
Project No. 63720
File: Pima Cnty RRH





PIMA COUNTY BRAWLEY WASH
WATERSHED PLAN

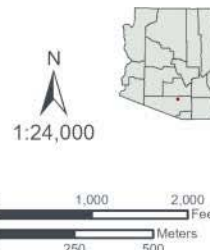
Figure 18

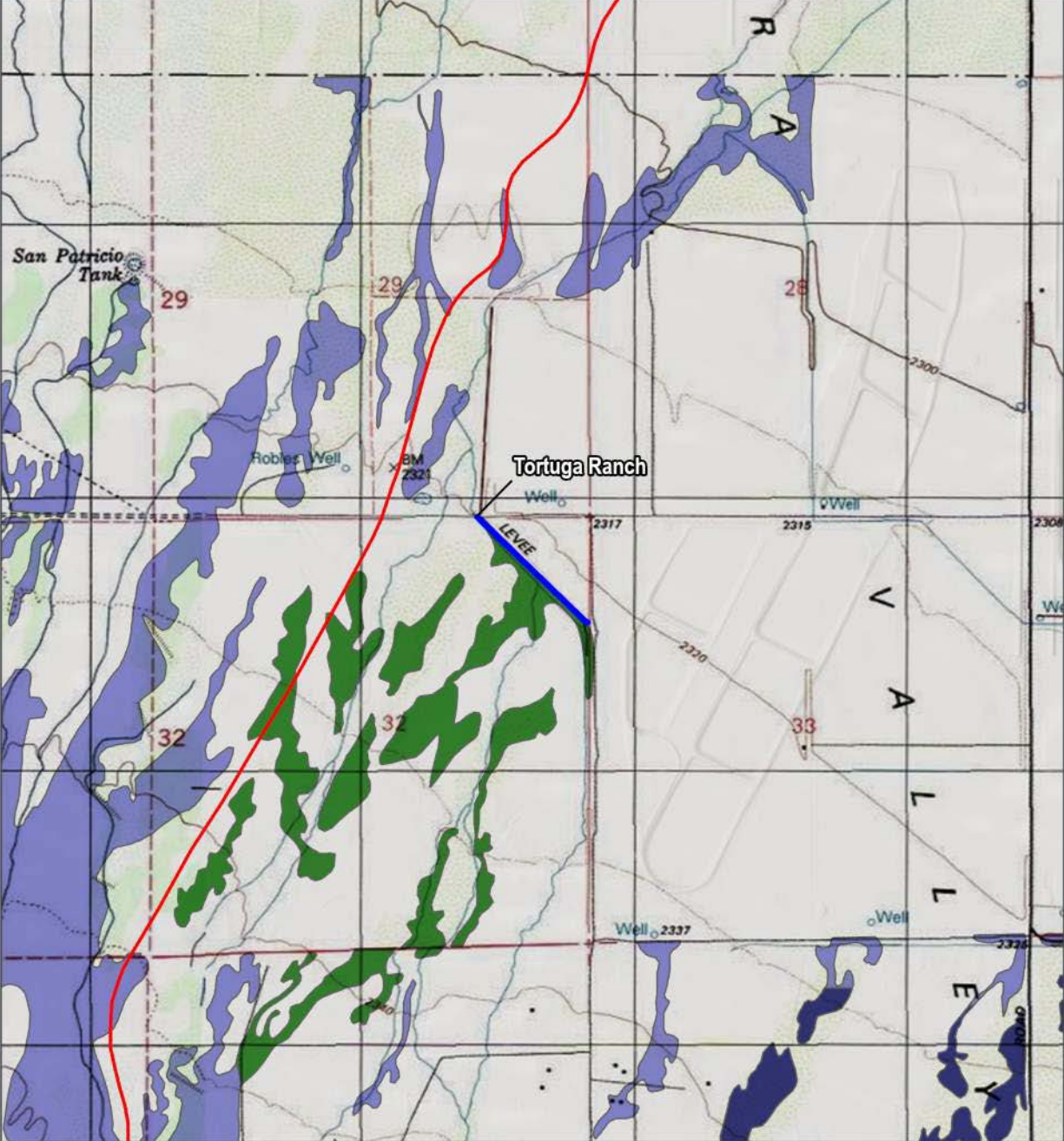


Pinal County, AZ
Pima County, AZ
NAD 1983 UTM Zone 12N
111.2828°W 32.3608°N

Base Map: ESRI ArcGIS Online,
accessed November 2024

Updated: 11/11/2024
Project No. 63720
File: Pima Cnty RRH





PIMA COUNTY BRAWLEY WASH
WATERSHED PLAN

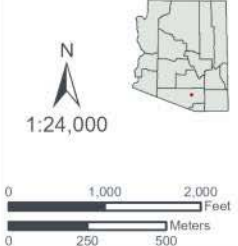
Figure 19

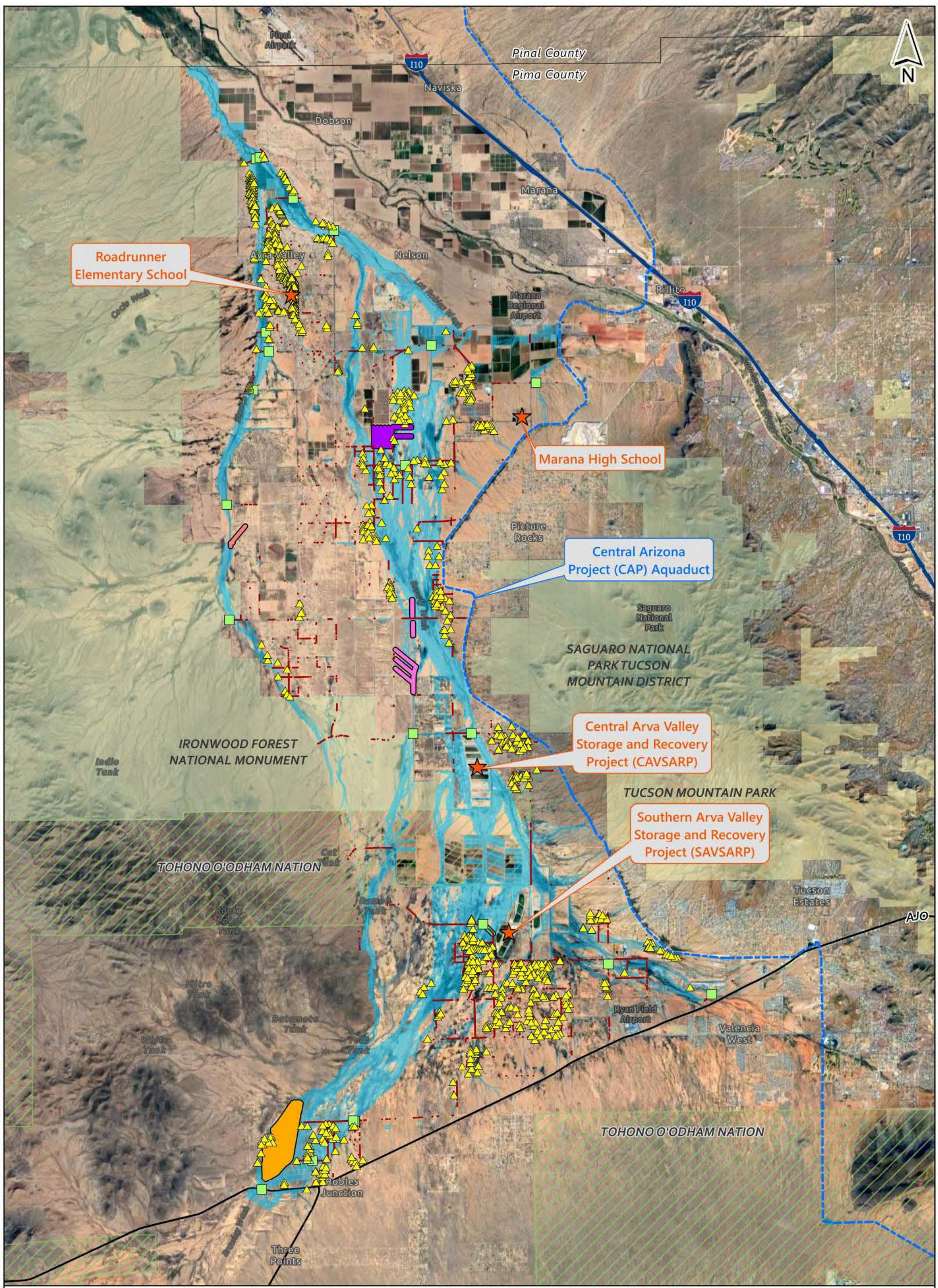
- Study Area
- Problem Area
- Regulated Riparian Habitat Classification**
 - H
 - IRA-C
 - IRA-H

Pinal County, AZ
Pima County, AZ
NAD 1983 UTM Zone 12N
111.2374°W 32.1739°N

Base Map: ESRI ArcGIS Online,
accessed November 2024

Updated: 11/11/2024
Project No. 63720
File: Pima Cnty RRH





Brawley Wash Watershed
Figure 20
Economic Analysis
10 Year Inundation Boundary
Pima County, Arizona



Yellow Triangle	Identified Structures	Blue Area	Brawley Wash Study Area - Existing Conditions 10 year	Orange Area	Problem Area 1
Green Square	Identified Bridges	Green Area	American Indian Reservation	Light Green Area	Problem Area 2
Orange Star	Critical Facility	Yellow Area	County Park	Pink Area	Problem Area 5
Blue Dashed Line	Central Arizona Project Aqueduct	Light Green Area	Federal Park	Purple Area	Problem Area 6
Red Dashed Line	Impacted Roads - Existing Conditions 10 year			Red Area	Problem Area 7

0 6,000 12,000 24,000 36,000 Feet

GANNETT FLEMING