



Project Title: Fine-Scale Vegetation Map for Clark

County Purchase Order: 4800013250-002

Project Number: 2023-COGAN-2337A

Deliverable #: D09

Deliverable Title: Quarterly Progress Report #3

Deliverable Date: June 5, 2026

1. Accomplishments:

Past Accomplishments:

- Contract Award and Mobilization
- Project Kick-off Meetings and Calls
- Work Plan
- Data Management Plan
- Permits
- Draft Taxonomic Classification
- New Imagery Acquisition and Contracting (Vexcel)
- Mapping Zone Refinements
- Vexcel Image Acquisition (3 Areas)
- High Resolution Image Processing (10 Work Zones)

Current Accomplishments:

- Fine-Scale Mapping – Final Drafts
Final Drafts of Work Zones 2 and 5 will be sent to the County for review.
- Fine-Scale Mapping – Editing
Work Zone 1, 3, 7, 9 are being finalized. Editing work has begun on work zones 16, 22, 24, 25 (**Figure 1**).
- Fine-Scale Mapping – Improvements
The new Vexcel Imagery has allowed for very detailed mapping of the plant alliances that was not possible with NAIP imagery. Of note, is the ability to accurately recognize difficult plant signatures such as herbaceous vegetation/grasses and Joshua tree understories more accurately (**Figure 2**).

2. Problems and Issues:

None at this time.

3. Activities Not Completed:

None at this time

Figure 1. Vegetation Mapping Status Map by Work Zone.

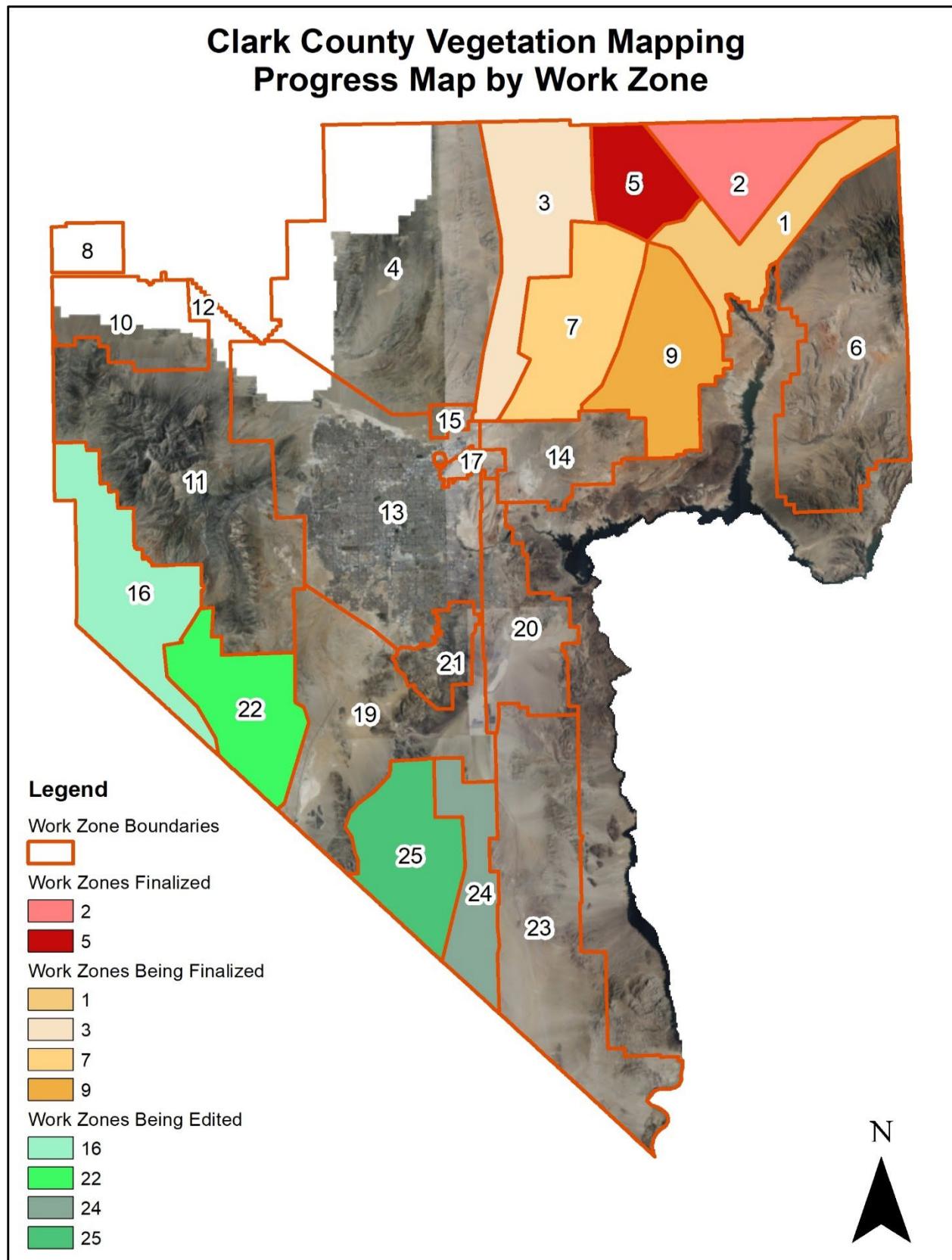


Figure 2. Examples of the Improved Editing Process using Vexcel Imagery.

Herbaceous Grasslands on Mountain Slopes

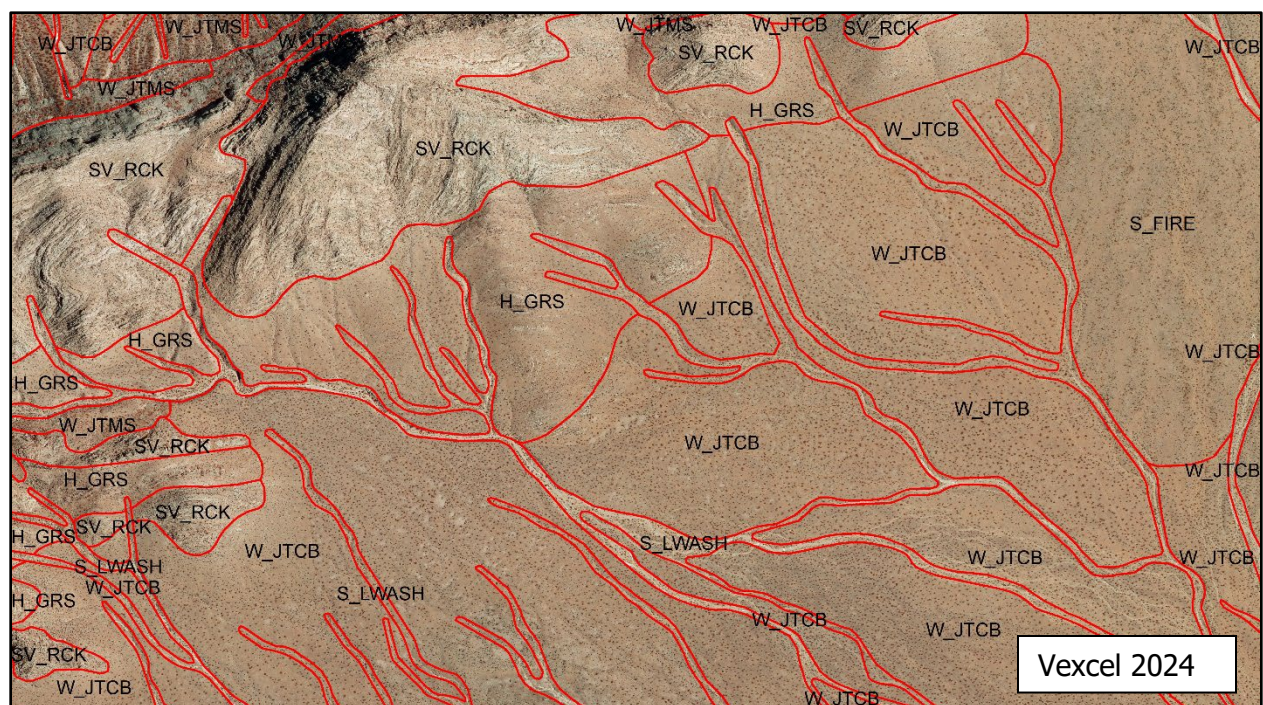
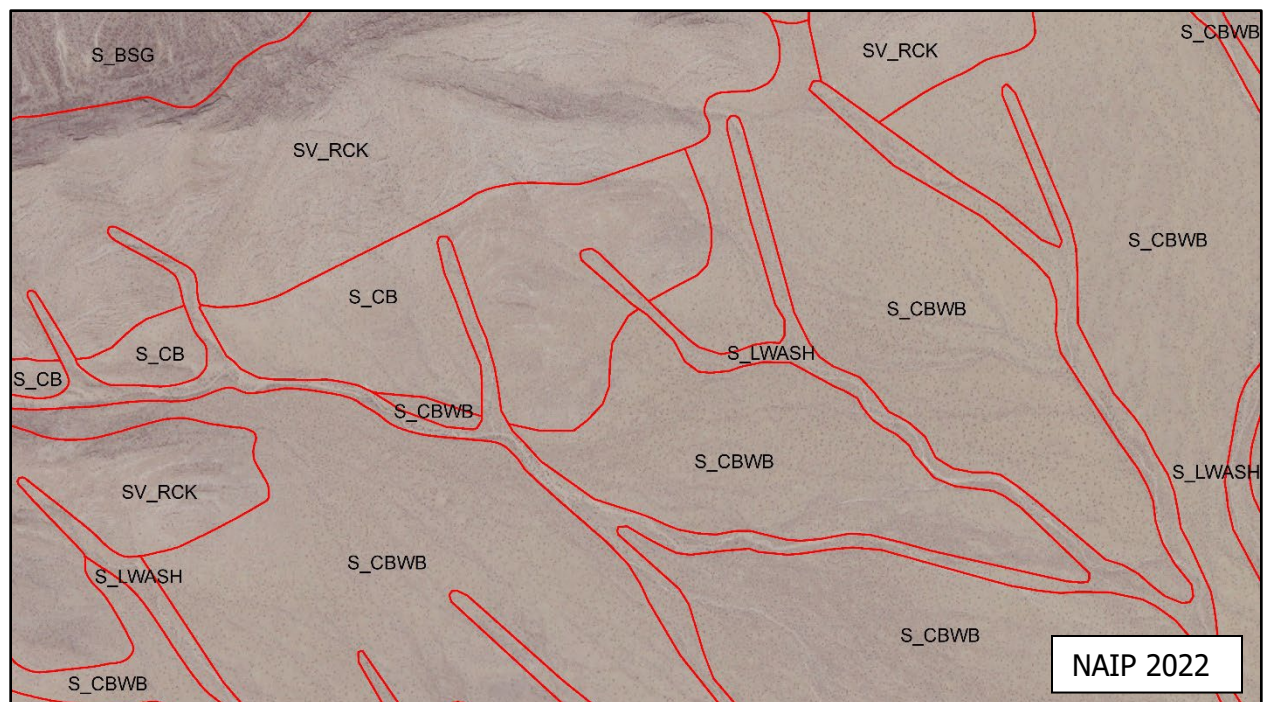
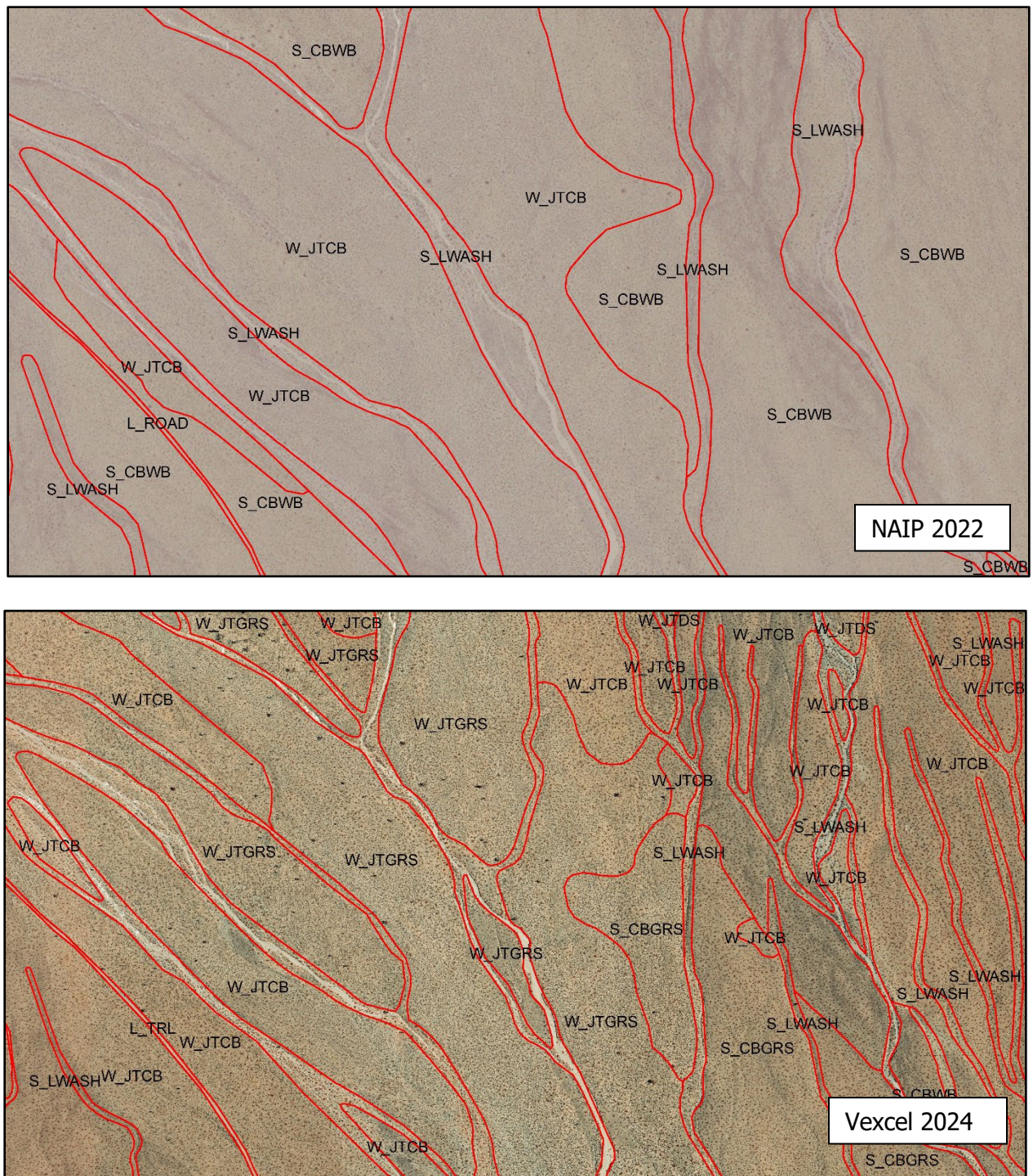


Figure 2. (continued)

Grass and Sparse Shrub Understories in Joshua Tree Woodlands



4. Problems and Issues:

None at this time.

5. Activities Not Completed:

None at this time.

6. Calculated Percent of Work Completed:

Approximately 20% of the fine scale mapping has been completed.

7. Problems with Future Project Activities:

None at this time.

8. Other Items for DCP:

None at this time.

9. Items Produced During this Time Period:

- Final Mapping for Two Work Zones
- Final Editing of Fine Scale Mapping for Four Work Zones
- New Editing of Fine Scale Mapping for Four Work Zones
- Quarterly Progress Report 3