OJAI VALLEY LAND CONSERVANCY

Ojai Meadows Preserve

Storm Water Management and Habitat Development

Issues Addressed

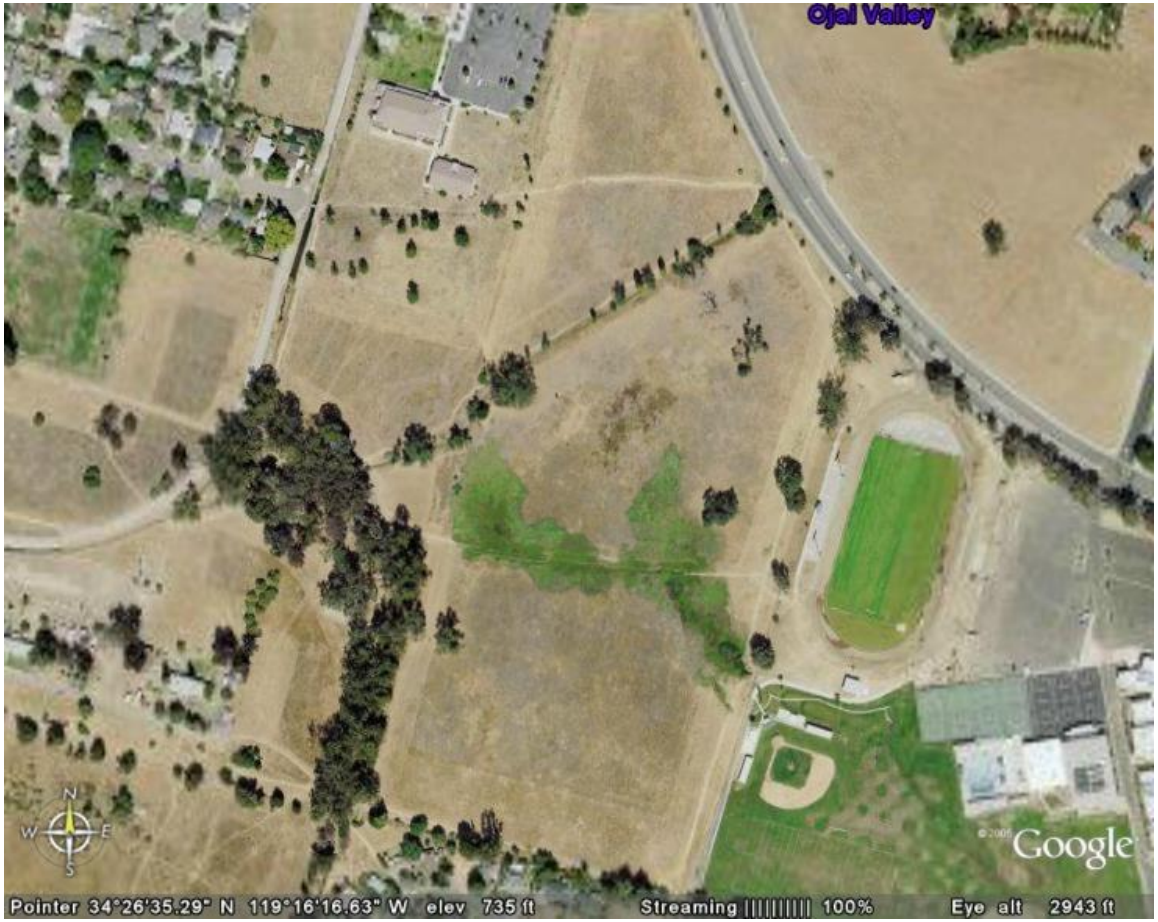
- Hwy 33 flooding
- Nordhoff HS flooding
- Invasive plant species
- General abuse and neglect

Project Elements

- Re-grading Nordhoff Campus
- Hwy 33 Drainage Channel
- Taormina Drainage Re-route
- Retention pond

Climate Issues

- Carbon sequestration
- Drought tolerance
- Re-purposing storm water
- Facilitating adaptation



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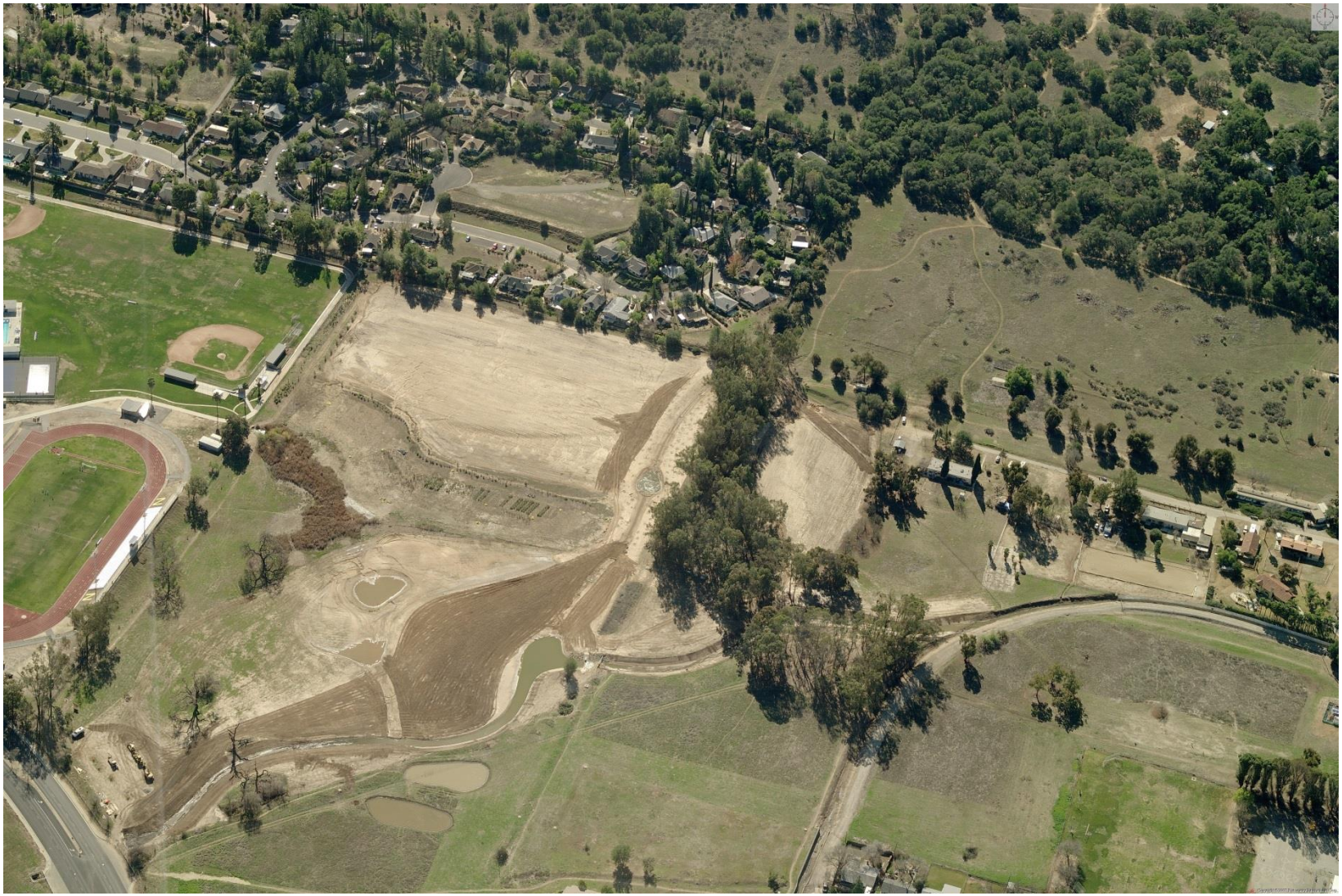

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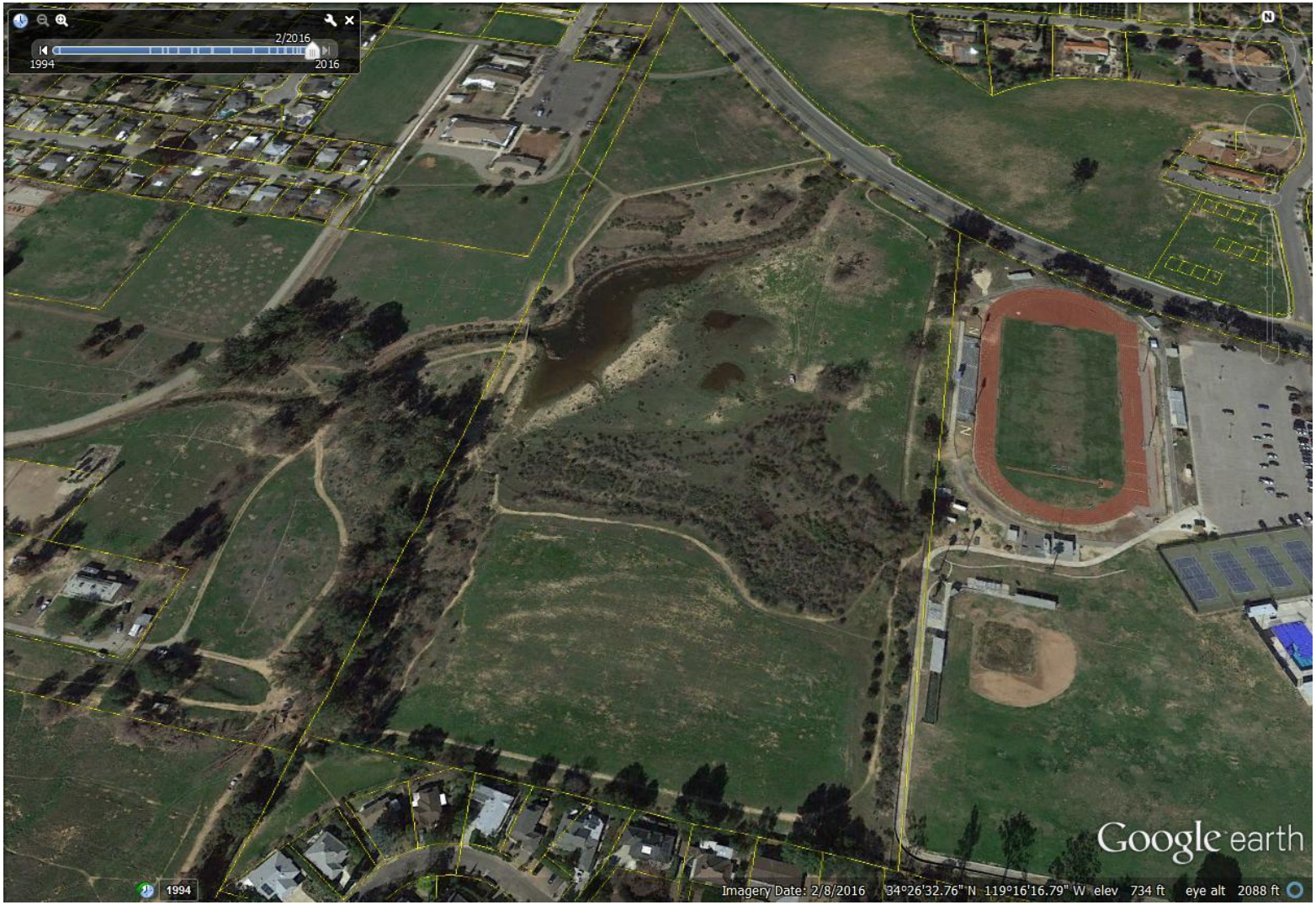

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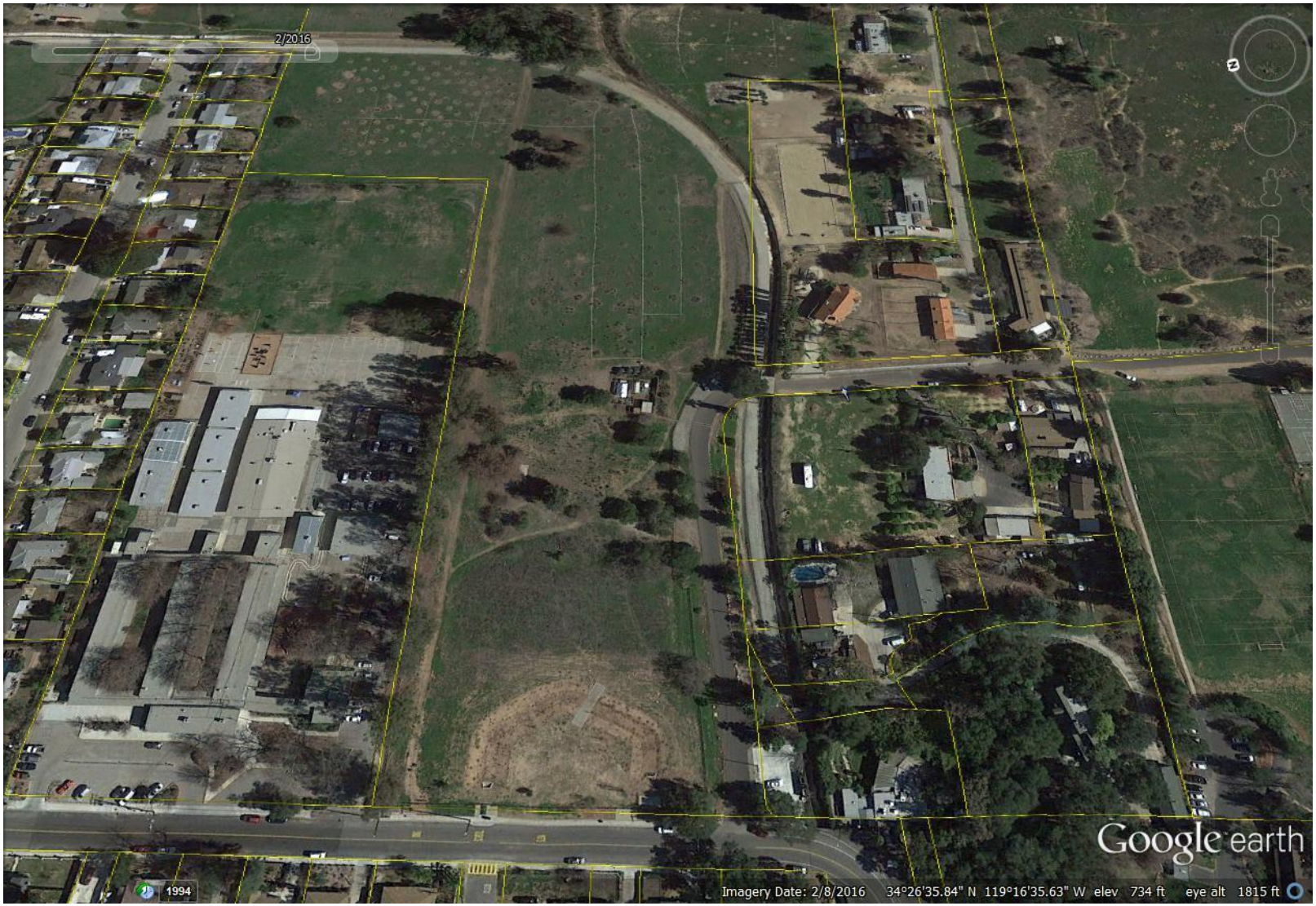

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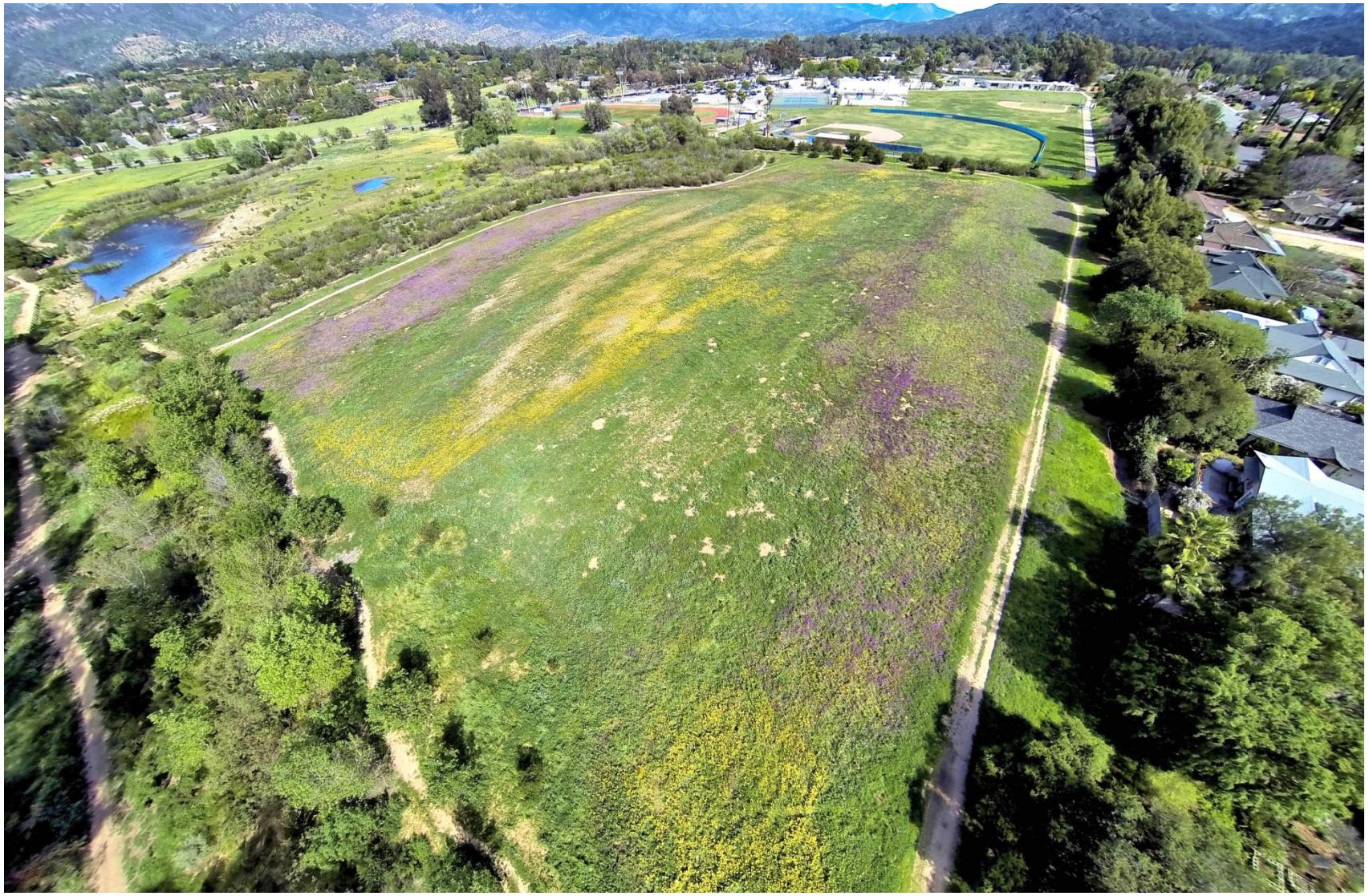

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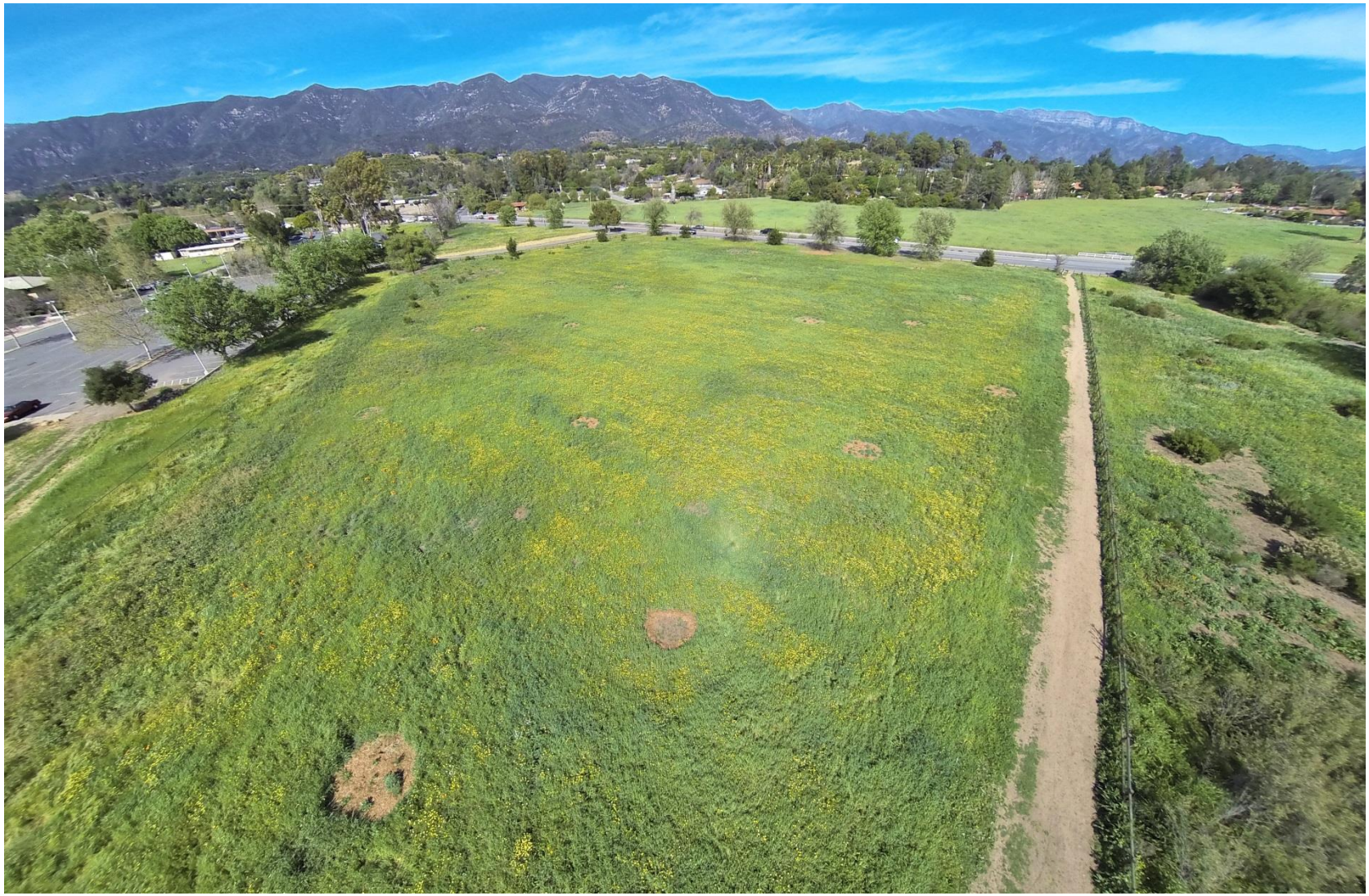

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Climate Adaptation Benefits

- Managed wetlands compensate for loss of natural wetlands
- Capturing storm water provides for secondary use before water leaves the watershed
- Infiltration may help charge groundwater
- Grasslands, wetlands, and oak woodlands are all large carbon sinks
- New habitats are created that are fairly stable and can be adaptively managed
- Management of invasive weeds allows for greater native vegetation adaptation.

Climate Considerations

- Climate change wasn't really considered in original project plan.
- Some plant palettes were adjusted for greater drought tolerance.
- Emphasis has been on creating functional habitat rather than some past condition.