



Marana Infrastructure-WTS

Brian Frazier, CIP Engineering Manager

March 12, 2020



CIP Process

- **CIP Project Detail Compilation**
 - All departments submit CIP Requests based on infrastructure needs and master plans
- **Financial projections**
 - 5-year revenue projections are provided by the Finance Department
- **Project Evaluation**
 - CIP Projects are evaluated and prioritized within each funding source
 - Projects are ranked according to Town priorities when competing for funds



Current/ On-going Projects

- Tortolita Road Sidewalks
- Sandario Rd. Drainage Improvement
- **Adonis Subdivision Drainage**
- Avra Valley Road Reconstruction
- **Court Jury Room Assembly Addition**
- **Lon Adams Reconstruction**
- Silverbell Road Sidewalks (Ph II)
- CMO de Oeste Restoration
- **SUP Cal Portland**
- Thornydale Road North Widening
- **2020 Pavement Preservation**
- Tangerine Road PhII

Pavement Preservation

6 year preservation program

Right treatment for the **right** street at the **right** time

Minor

Fog seal

Crack seal

PMM

HA5

Moderate

Chip Seal

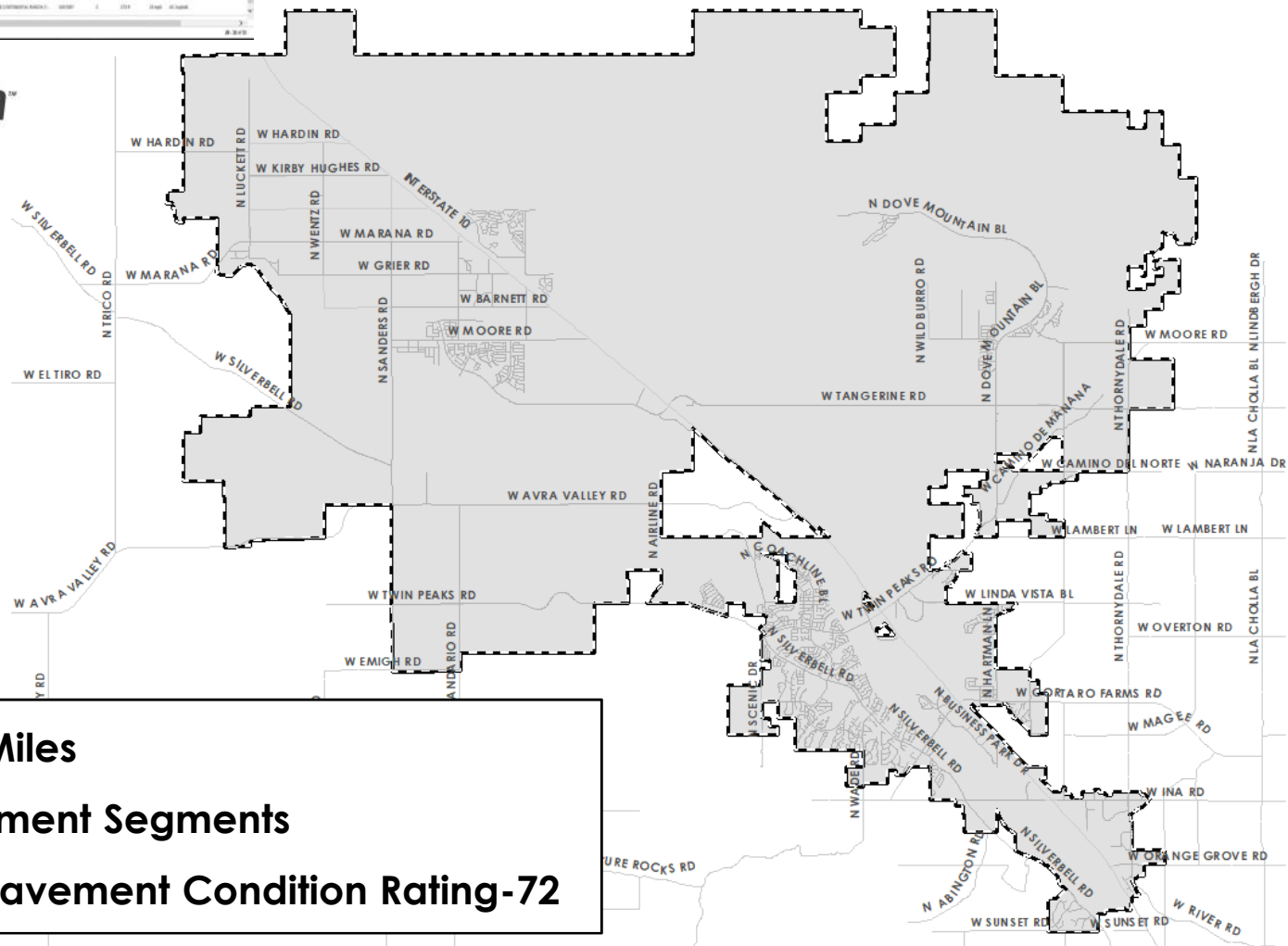
Rubber Chip
Seal

Scrub Seal

Major

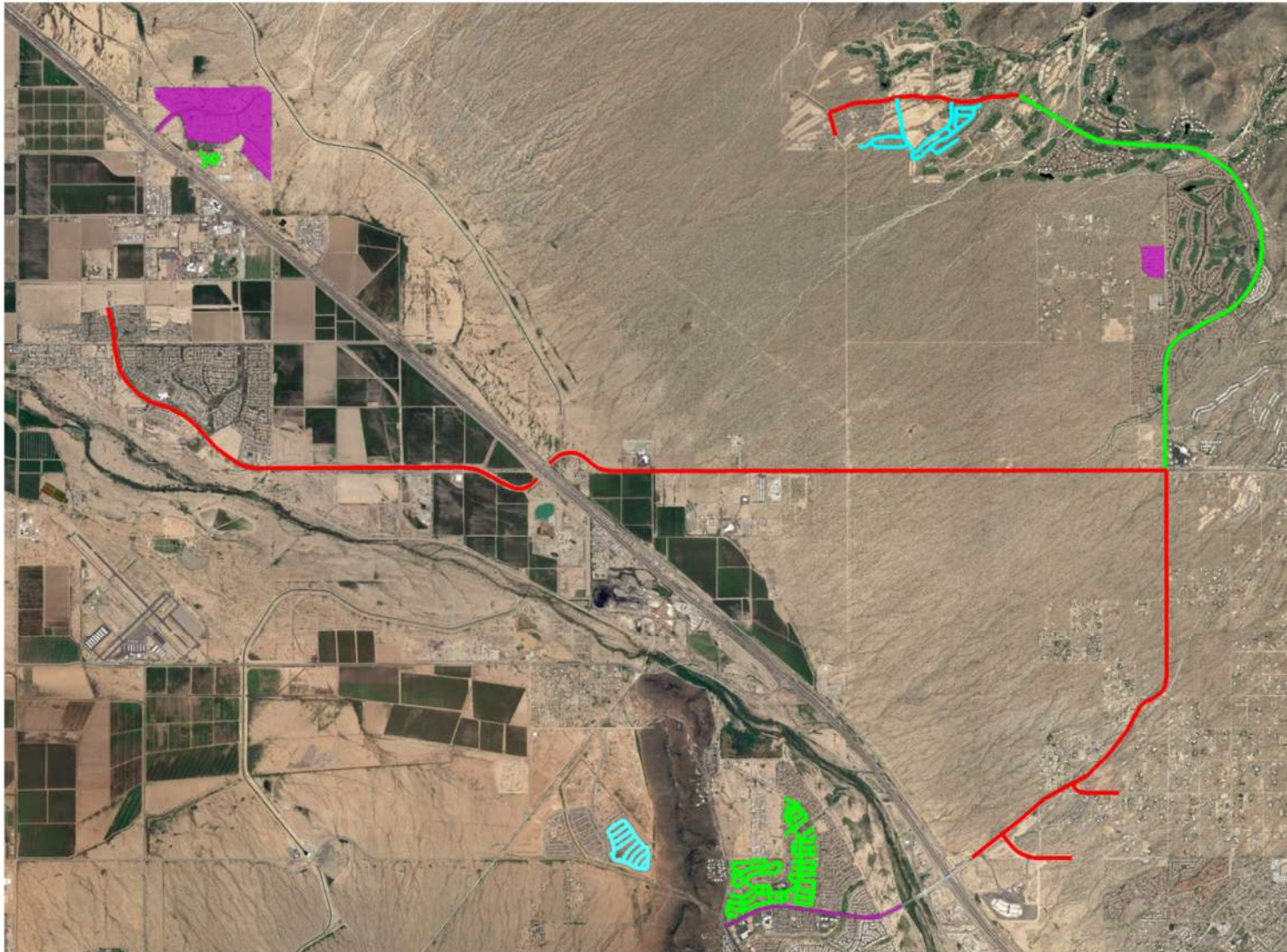
Mill & Fill

Reconstruct

[illegible]

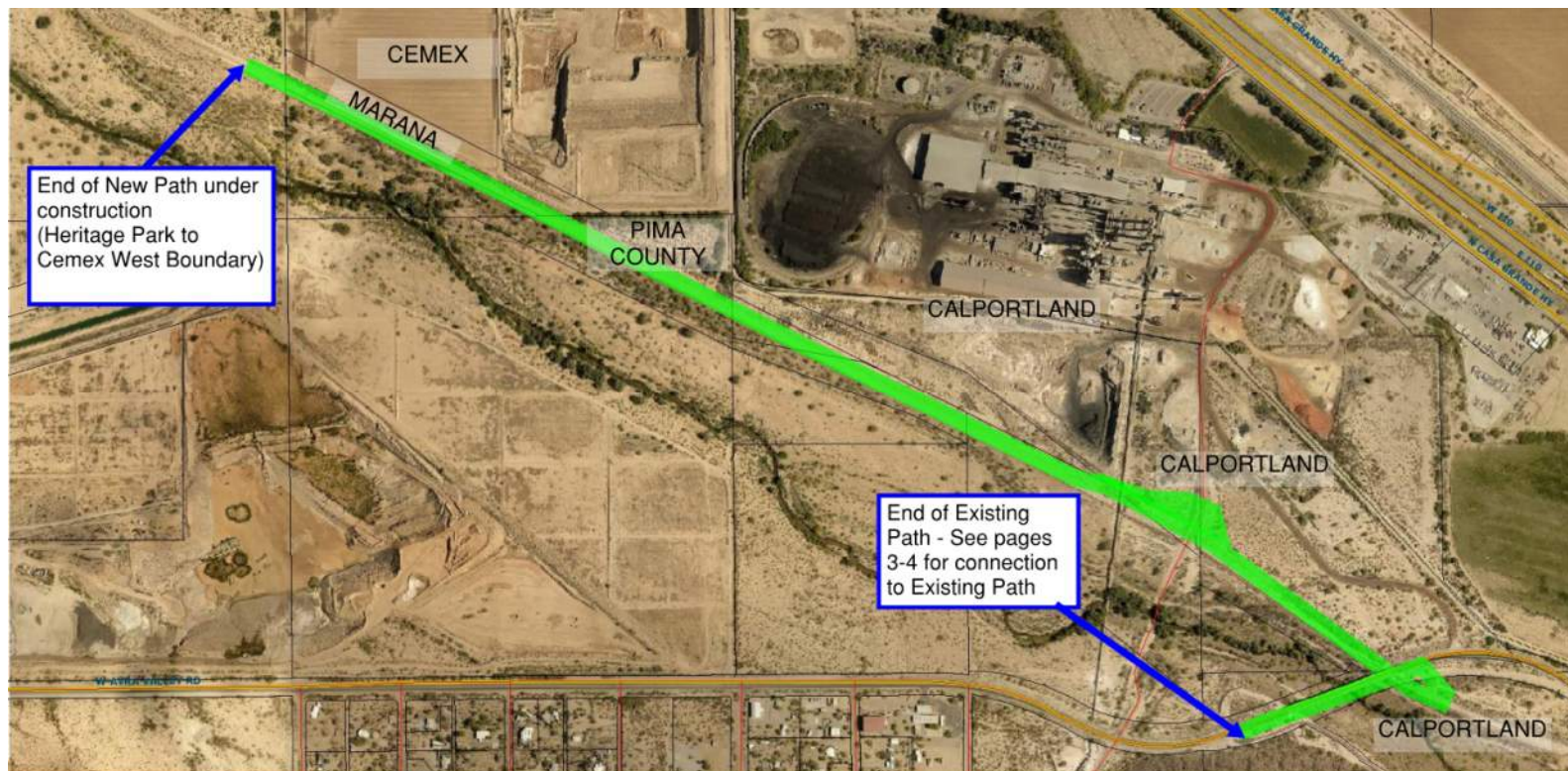
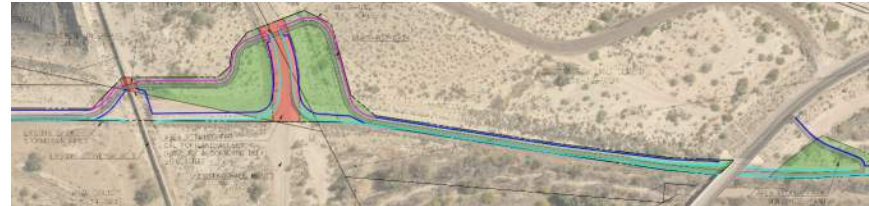
- **520 Lane Miles**
- **1507 Pavement Segments**
- **Average Pavement Condition Rating-72**

Pavement Preservation

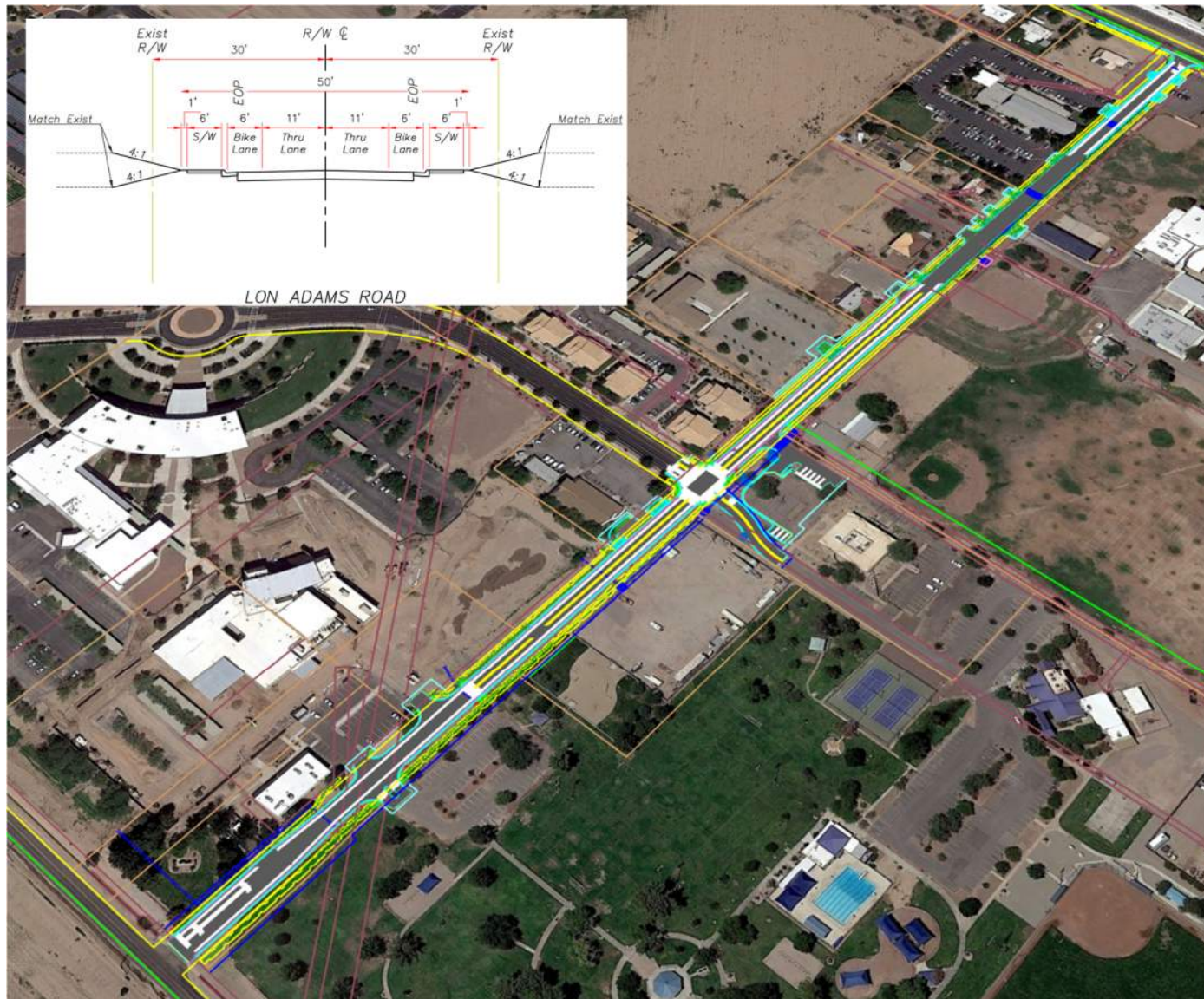




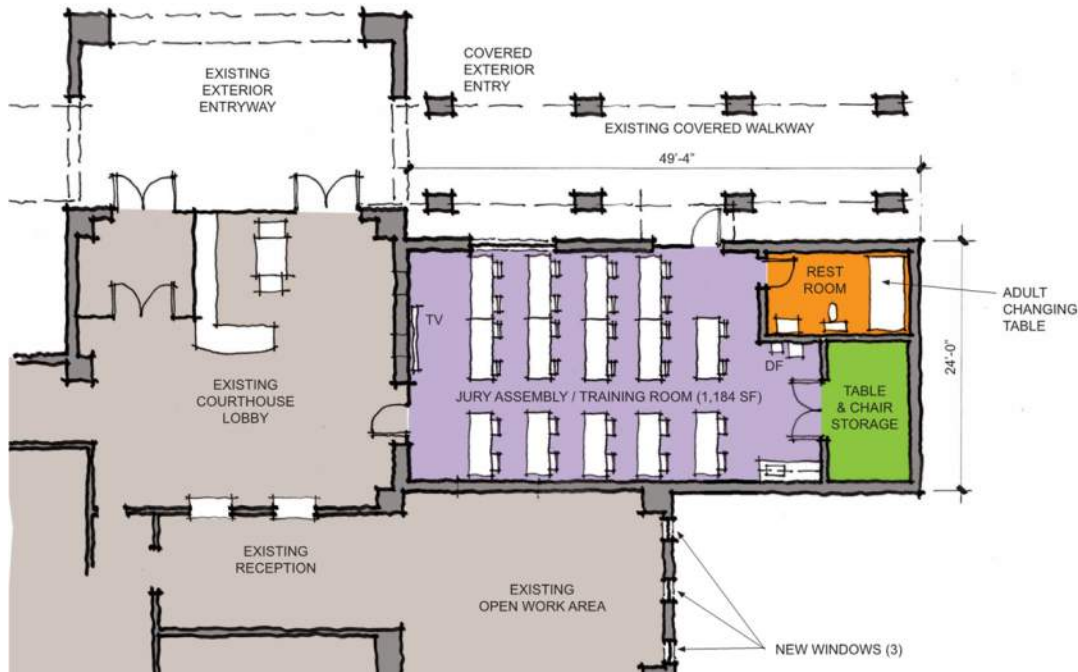
Cal Portland Shared Use Path



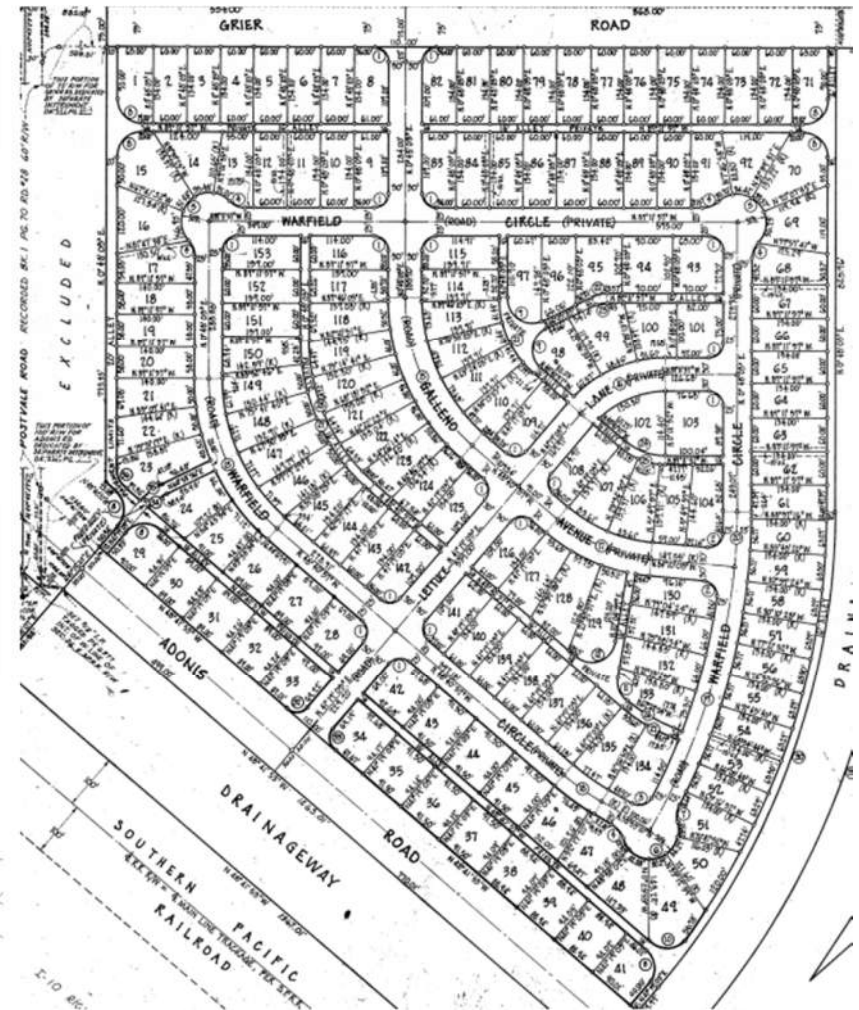
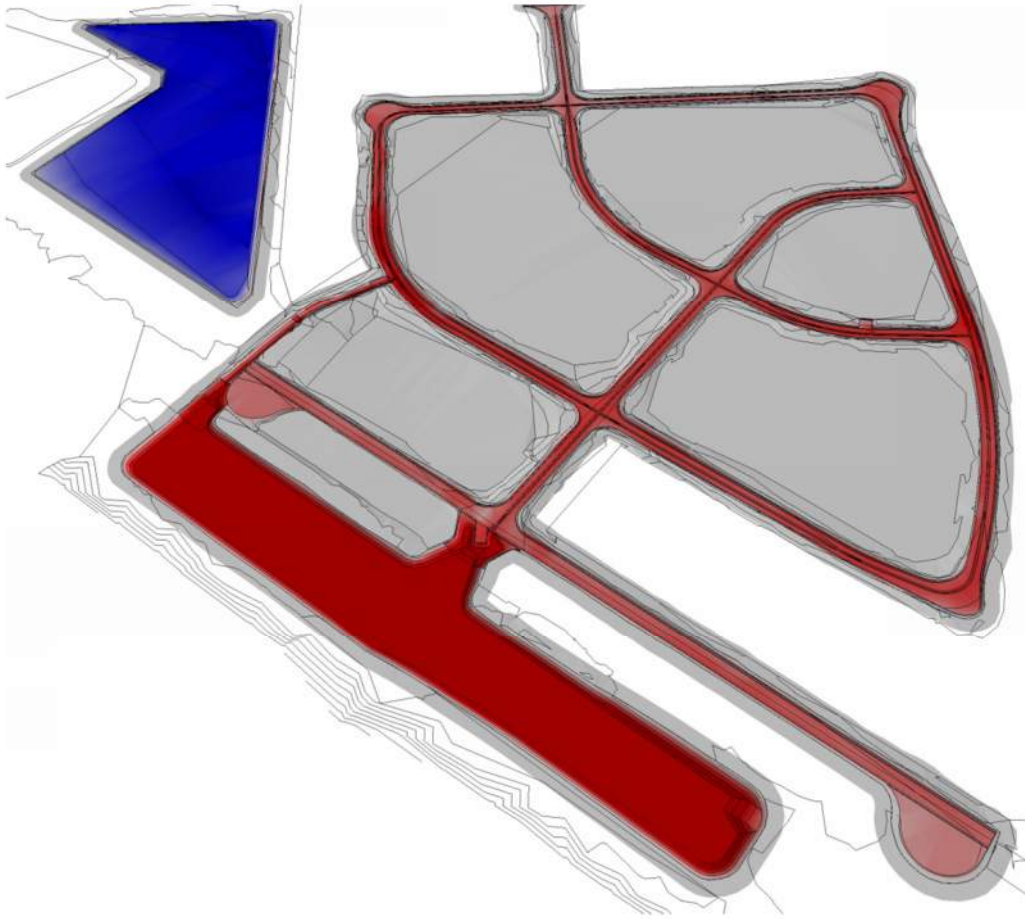
Lon Adams Rd. Reconstruction



Jury Assembly Addition

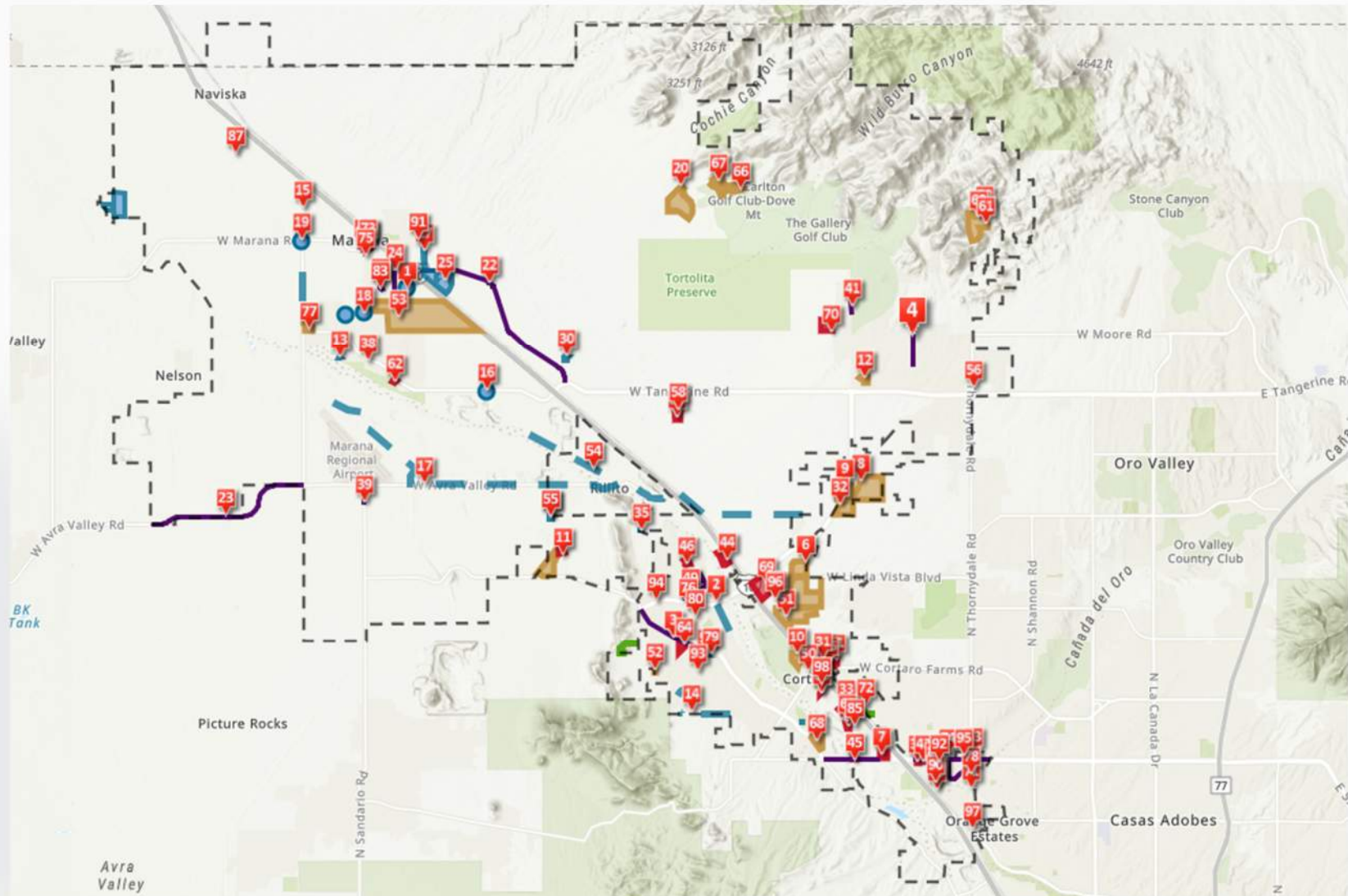


Adonis Subdivision

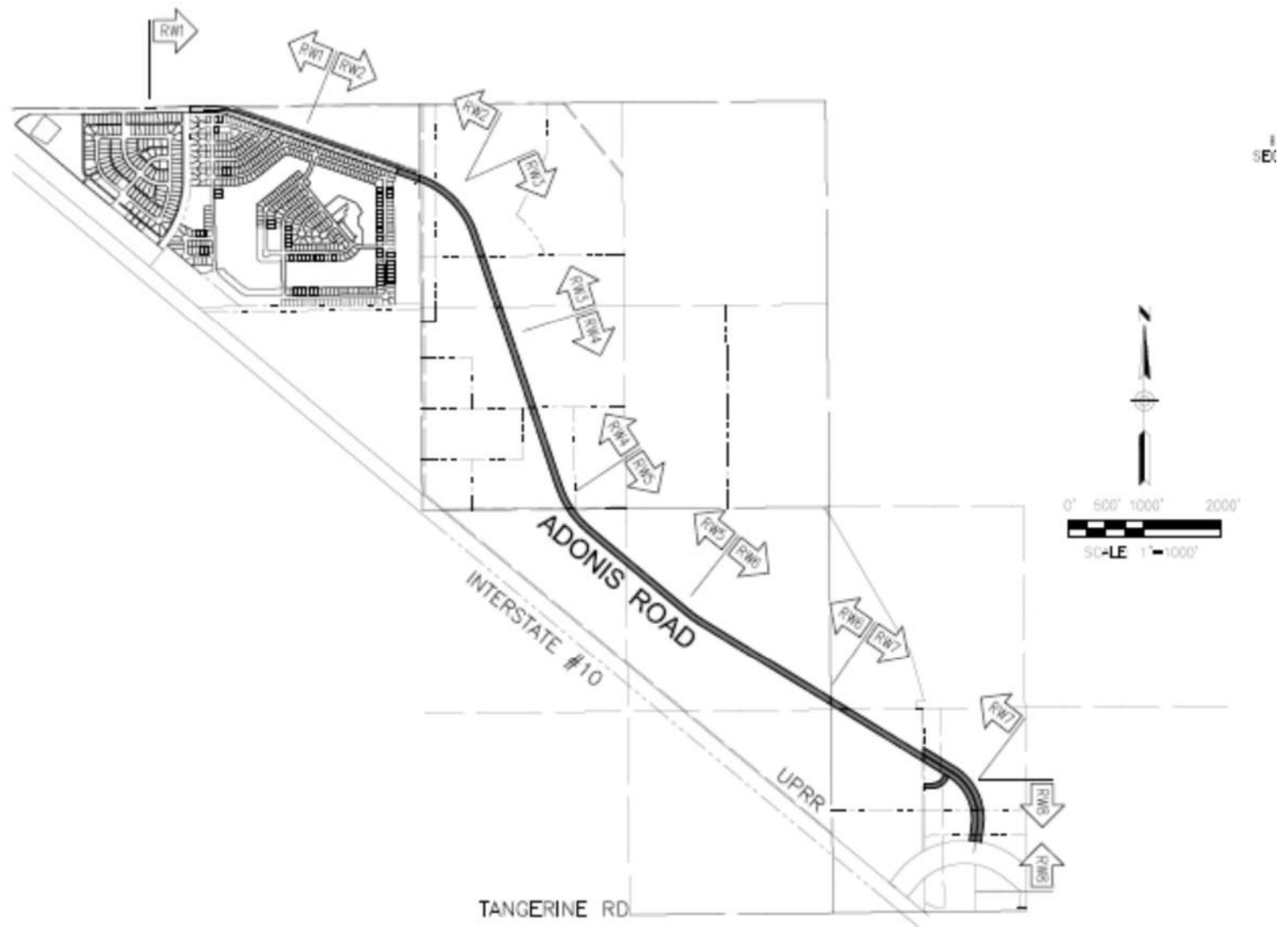




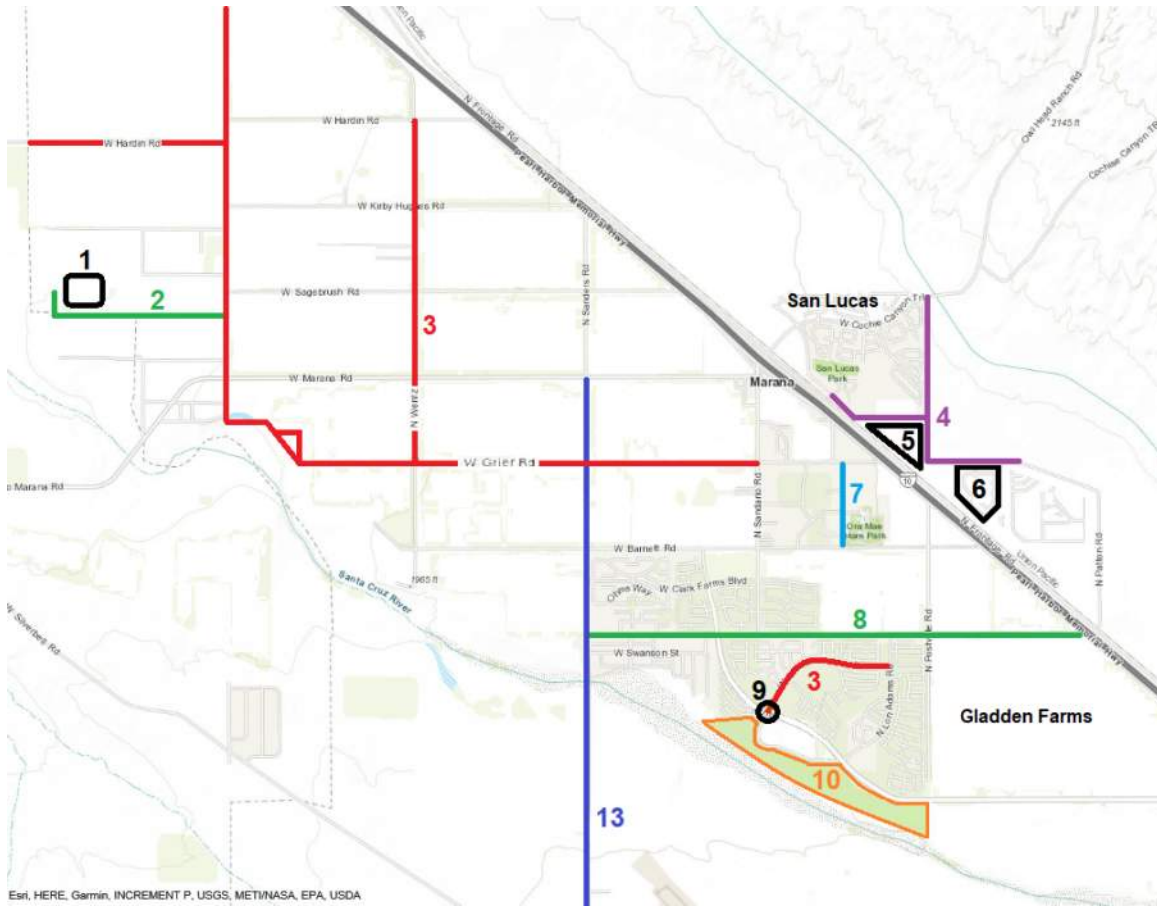
Upcoming Projects



Adonis Road Extension PhII

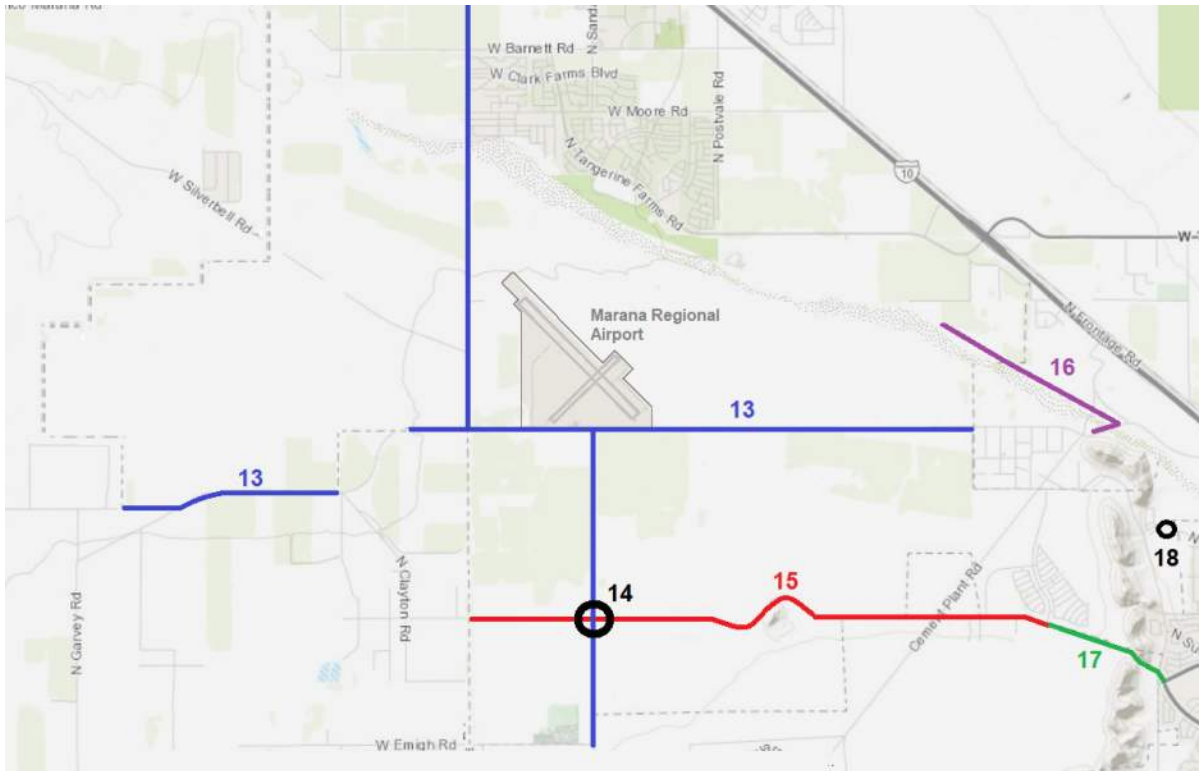


Northwest Marana Projects



1. NW Marana Nature Park
2. Stingray Rd, Widening
3. North Marana Pavement Rehabilitation
4. Postvale Rd and Grier Rd Rehabilitation
5. Marana Estates Improvements
6. Adonis Subdivision Drainage Improvements
7. Lon Adams Rd, Reconstruction
8. Moore Rd Rehabilitation, Sanders Rd to I-10
9. Gladden Farms School Hawk Signal
10. Heritage River Park Improvements
11. Adonis Road Extension Phase II
12. Rillito Village Tr Drainage Improvements
13. West Marana Pavement Rehabilitation

West Marana Projects



- 13. **West Marana Pavement Rehabilitation**
- 14. **Twin Peaks Rd - Sandario Rd Intersection**
- 15. **Twin Peaks Rd Restore, West Town Limits**
- 16. **Santa Cruz Shared Use Path, at Cal Portland**
- 17. **Twin Peaks Rd, Rattlesnake Pass Widening**
- 18. **El Rio Preserve CMID Connection**
- 19. **El Rio Recreation Area Parking Lot**

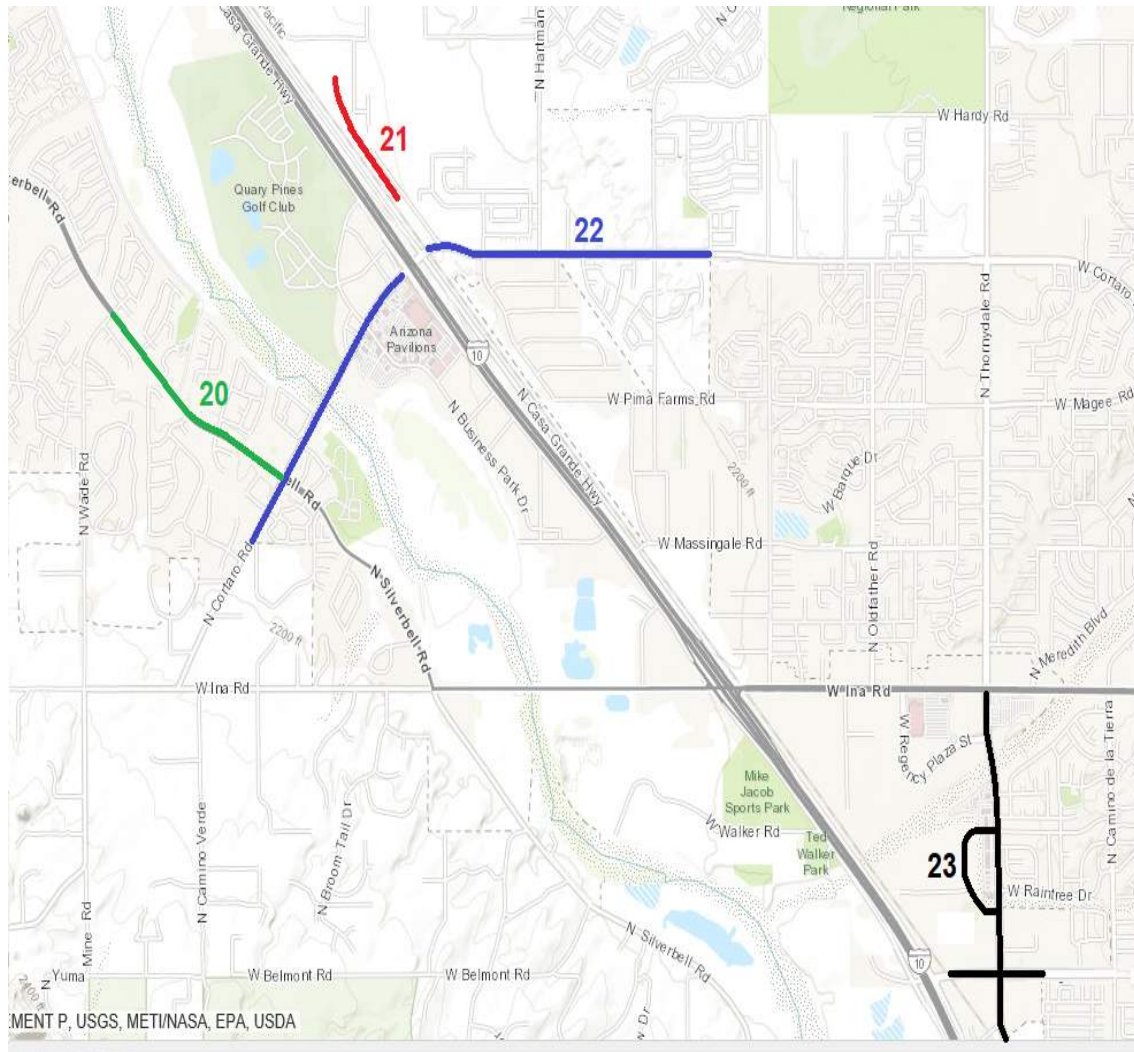
South Marana Projects

20. Silverbell Rd Sidewalk, Wade to Cortaro

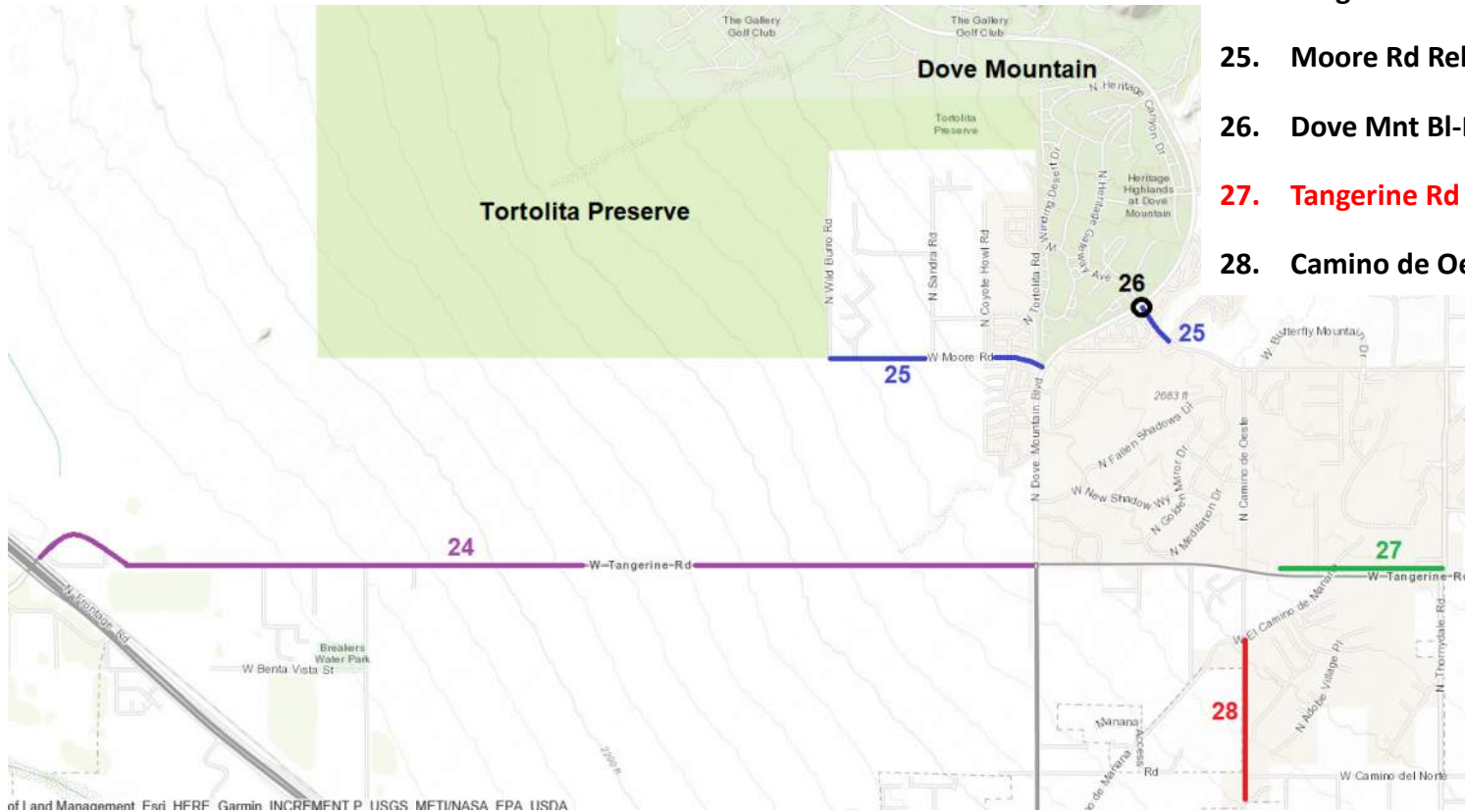
21. Joplin Lane

22. Cortaro Rd Rehabilitation

23. South Marana Pavement Rehabilitation



Northeast Marana Projects



24. Tangerine Rd Widening, I10-Dove Mt
25. Moore Rd Rehab, East-West of Dove Mtn
26. Dove Mnt Bl-Moore Rd Signal, North
27. Tangerine Rd Corridor Path
28. Camino de Oeste, South Extension

5-year CIP Program – Engineering (1/2)

Project Name	Project Total	2021	2022	2023	2024	2025
Adonis Road Extension Phase II	2,500,000	300,000		2,200,000		
Adonis Subdivision Drainage Improvements	2,070,034	700,000				
Lon Adams Rd, Reconstruction	4,130,000	2,500,000				
Gladden Farms School Hawk Signal	280,000	280,000				
Rillito Village Tr Drainage Improvements	460,000	60,000	400,000			
Twin Peaks Rd - Sandario Rd Intersection	650,000	650,000				
Silverbell Rd Sidewalk, Wade to Cortaro	315,000	315,000				
Moore Rd Rehabilitation, Sanders Rd to I-10	500,000	500,000				
Postvale Rd and Grier Rd Rehabilitation	300,000	300,000				
North Marana Pavement Rehabilitation	1,200,000	1,200,000				
South Marana Pavement Rehabilitation	550,000	550,000				
West Marana Pavement Rehabilitation	650,000	650,000				
Tangerine Rd Widening, I10-Dove Mt *	71,000,000	5,000,000	10,000,000	9,500,000	4,500,000	13,100,000

5-year CIP Program – Engineering (2/2)

Project Name	Project Total	2021	2022	2023	2024	2025
ADA Compliance Program	1,400,000	200,000	200,000	200,000	200,000	200,000
Town Street Lighting Program	500,000		100,000	100,000	100,000	100,000
Cortaro Rd Rehabilitation	700,000		700,000			
Moore Rd Rehab, East and West of Dove Mtn	400,000		400,000			
Stingray Rd, Widening	2,100,000		400,000		1,800,000	
Twin Peaks Rd Rehab, West Town Limits	600,000		600,000			
Twin Peaks Rd, Rattlesnake Pass Widening	13,049,720		9,549,720	3,000,000		
Dove Mnt Bl-Moore Rd Signal, North *	740,250			189,000	551,250	
Camino de Oeste, South Extension	400,000				400,000	
Joplin Lane	1,600,000				400,000	
Marana Estates Improvements	1,700,000				200,000	
Subdivision Restoration(s)	4,500,000				1,500,000	1,500,000

Thank you

