



# Town of Marana 5-Year CIP Program

Heidi Lasham – CIP Engineering Division Manager

March 7, 2024

# Five-Year CIP

Areas of CIP Program	5-Year Totals
Transportation	\$ 256,285,867
Airport	\$ 48,520,000
Community	\$ 50,172,500
Parks	\$ 23,999,645
Water	\$ 113,007,007
Water Reclamation	\$ 77,132,761
Total	<b>\$569,117,781</b>

Mayor and Council approves funding for Year 1 (FY25)

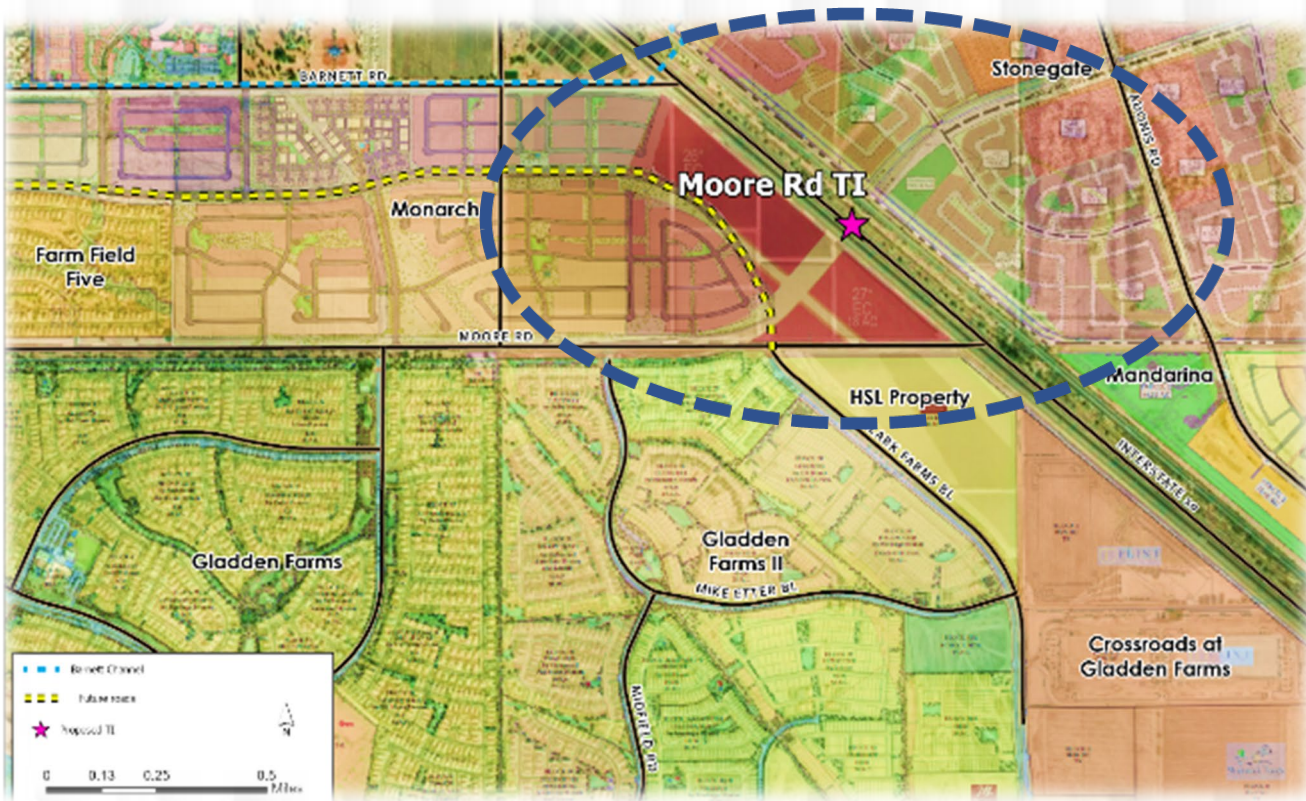
# Transportation, 5-Year CIP Program

Project Name	Project Total		2025	2026	2027	2028	2029
Moore Rd - I10, Traffic Interchange *	7,000,000	P	7,000,000				
I-10 Cortaro Rd TI *	50,000,000	P	40,000,000				
Tangerine Farms Rd Extension	22,048,299		1,508,471		19,248,299		
Marana Rd Traffic Interchange	10,000,000	D	800,000		9,200,000		
North Marana Drainage Improvements	400,000		200,000				
Tangerine TI Improvements	11,110,168		10,300,000				
Tangerine Rd Widening, Phase 2A	51,544,052		23,452,986				
Tangerine Rd Widening, Phase 2B	48,003,972					28,000,000	20,000,000
Adonis Road Extension Phase 2	8,872,596					8,080,000	
Twin Peaks Rd, Rattlesnake Pass Widening	41,792,232		12,333,958				
Moore Rd Rehab, Sanders Rd to I-10	700,000					700,000	
North Marana Pavement Rehab Phase 2	550,000					550,000	
ADA Compliance Program	1,214,548	C	200,000	200,000	200,000	200,000	200,000
Sanders Rd Drainage, Improvements	2,500,000	D	2,500,000				
Ina Rd-Meredith Bl, Median Modifications	550,000				550,000		

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P - Planning  
 D - Design  
 C - Construction

# Moore Road Interchange

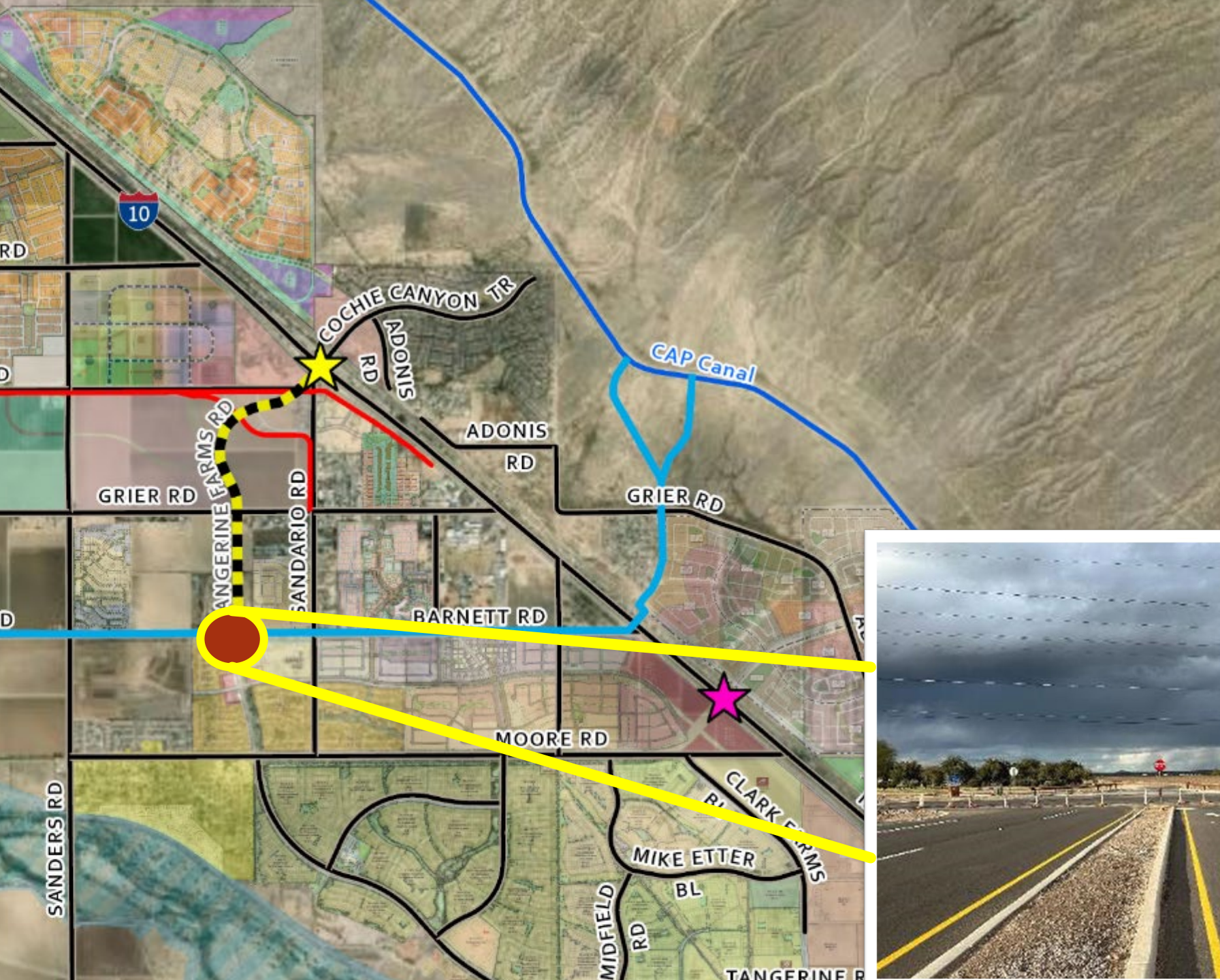


- **RAISE** (*Rebuilding American Infrastructure with Sustainability and Equity*) Grant Application
  - DCR and environmental clearances
  - RAISE ask = \$5.55M (Submitted Feb 28, 2024 and will know June 27, 2024)
  - Non-Fed = \$1.39M
  - **Total Planning Project Cost = \$6.94M**

# Cortaro Road Interchange

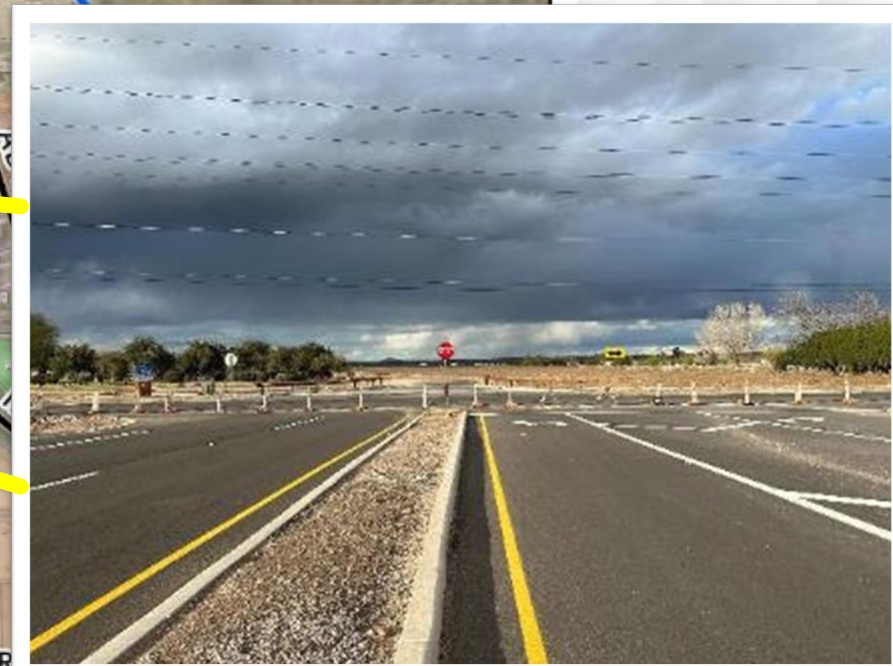


- ▶ RCE (*Railroad Crossing Elimination*) Grant Application
  - ▶ Grant Application Consultant: Psomas
  - ▶ \$50M Total: \$40 RCE Proposal with our \$10M (20%) match
  - ▶ DCR, Environmental, property acquisitions, and preliminary design
- ▶ RTA Next - #1 Ask



## Tangerine Farms Road Extension

- Awarded to PSOMAS for DCR
- Construction FY27



# Marana Road TI

## Marana Rd TI: Abutment Lanes

- Schedule
  - FY25 - Design
  - FY 27 - Construction



# Tangerine Road 2A

- Schedule:
  - **TEP Relocations** to begin in October 2024
  - **Pending** Pygmy Owl survey, ACOE – Jurisdictional Waters, and ASLD
  - **Pending** JUT Agreements and CAP Fiber optic lowering
  - **Anticipated Completion Date:** Fall 2025.
- **Contractor** – Borderland
- **Engineer** - Psomas

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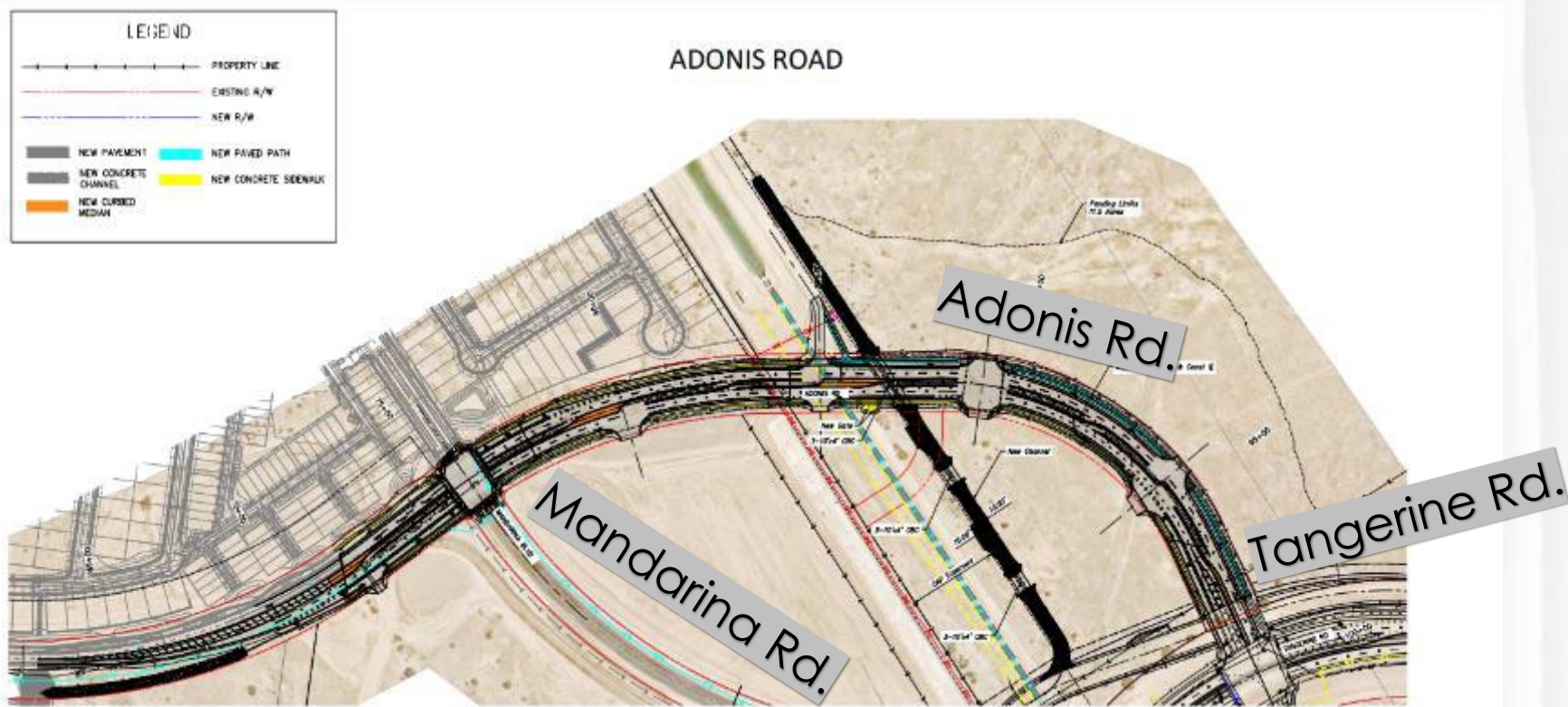
# Tangerine TI Improvements



**Interim Improvements**

## **Pending Delays:**

- UPRR design and construction of the RR Crossing.
- In Progress.

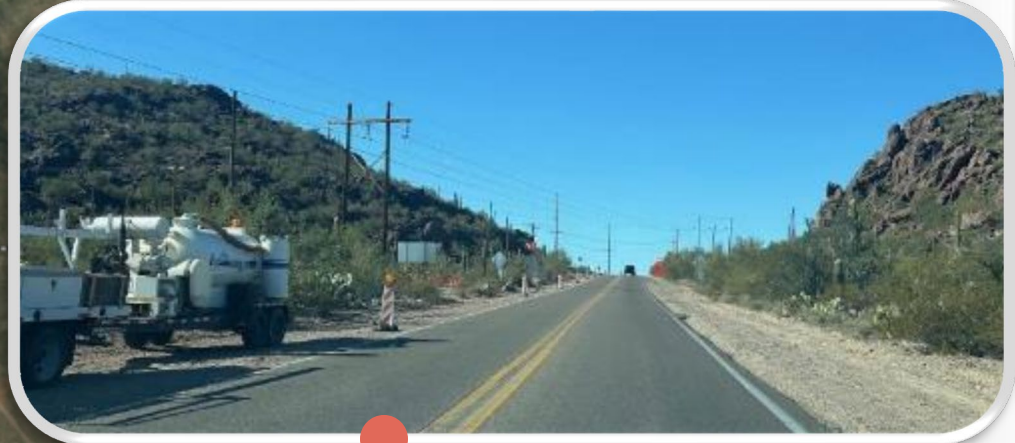


- Design Complete
- Construction FY28

## Adonis Road Extension Phase 2



# Twin Peaks / Rattlesnake Pass Road Widening



- **Completed Tasks:** Design, Real Property, and Environmental Clearances.
- Sealed plans received 1/18/24
- Utility relocations underway
- **Engineer:** SCE **Contractor:** Hunter
- \$42.0 M Total Cost shared w/Developer

# Transportation Rehabilitation Projects

## ► Moore Road Rehabilitation

- FY 28
- Moore Rd from Sanders Road to 1-10
- Rubberized chip - Micro milling will be conducted prior to chip application from Sanders to Tangerine Farms

## ► North Marana Pavement Rehabilitation Phase II

- FY 28
- Silverbell Road from Sanders Rd to Town limits
- Wright Way from Avra Valley Rd to Airport gate
- Linda Ln form Marana Rd to Lockett Rd
- Imogene Plan from Lockett to Cul-de-sac
- Phyllis Dr from Linda Ln to Imogene Pl

# Other Transportation Projects

## ➤ ADA Compliance

- Ten-year program
  - Goal is to do 1000 ramps over a ten year period
  - Upgrade to Marana standard specifications and is federally mandated
- \$200,000 per year

## ➤ Sanders Road Drainage Improvements

- From Twin Peaks to Emigh Road
- Drainage Improvements on east side
- Design and Construction



## ➤ Ina Road- Meredith Bl –Median Modifications

- FY27
- Fix the offset of the opposing left-turn lanes on Ina Road
- 51 crashes occurred at Ina/Meredith in the three-year period from 2019-2021
- 19 crashes (37% of total crashes) were left-turn crashes

# Airport, 5-Year CIP Program

Project Name	Project Total	2025	2026	2027	2028	2029
Airport Drainage Study	450,000	D 50,000				
Airport Security Fence	330,000	D 6,038				
West Apron Reconstruction Ph-1, Construct	2,100,000	C 2,100,000				
West Apron Reconstruction Ph-2, Construct	7,700,000	C 7,700,000				
Airport Control Tower, Construction	11,100,000		C 11,100,000			
RWY 3-21, TWY-B, Hang-6, Reconstruct, EA	480,000		480,000			
Taxiway A Reconstruction, MITL, Design	960,000		960,000			
Taxiway C Reconstruction, Design	310,000		310,000			
Airport Master Plan Update	230,000			230,000		
Taxiway A Reconstruction, MITL, Construction	9,400,000			9,400,000		
Taxiway C Reconstruction, Construction	2,750,000			2,750,000		
TWY B, E, Lighting Upgrade, Design	280,000			280,000		
RWY 30 Safety Mitigate EA	230,000				230,000	
RWY 3-21 Reconstruct, Design-Construct	4,700,000				4,700,000	

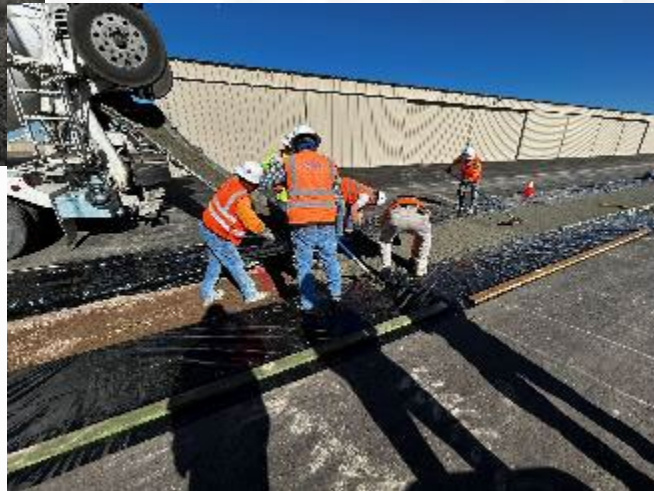
D - Design  
C - Construction

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# Airport Projects

## East Apron Projects

Similar to West Apron Projects Shown here



## Air Traffic Control Tower

- FY2026 – Construction



## Community, 5-Year CIP Program

Project Name	Project Total		2025	2026	2027	2028	2029
Barnett Channel *	32,500,000	D	2,500,000	30,000,000			
Marana Channel *	13,300,000	D	1,300,000		12,000,000		
Air Commerce Way Monument	190,000	D	40,000	150,000			
Court Room 2, Remodel	700,000	D	200,000		500,000		
Marana Gateway Monument Signage	1,000,000	C	200,000	200,000	200,000	200,000	
MMC Fiber Optic Upgrade	600,000			500,000			
MMC HVAC Mechanical Systems Upgrade	1,200,000		1,100,000				
MOC Fleet Warehouse Roof, HVAC, Replacement	682,500		200,000				

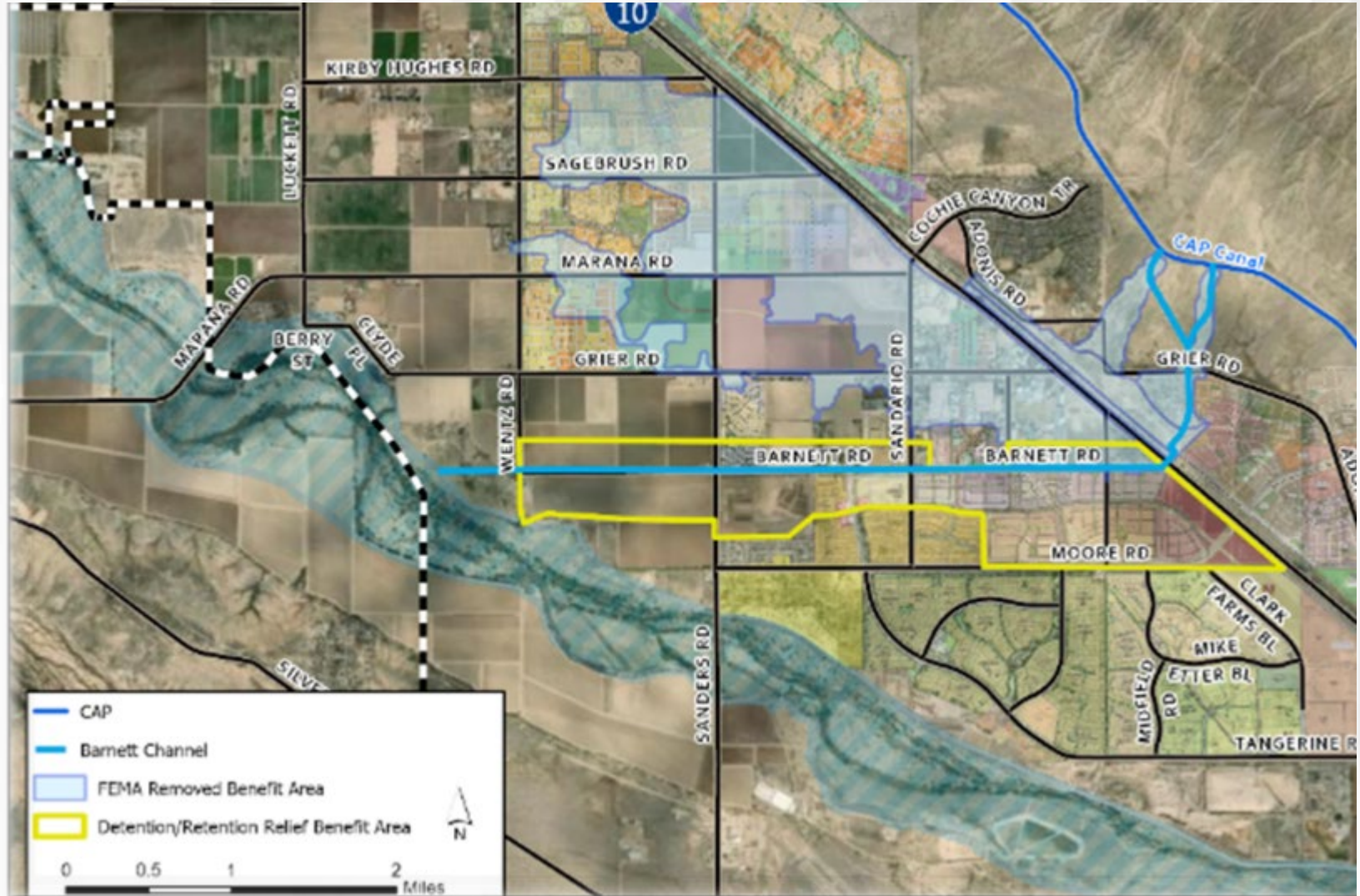
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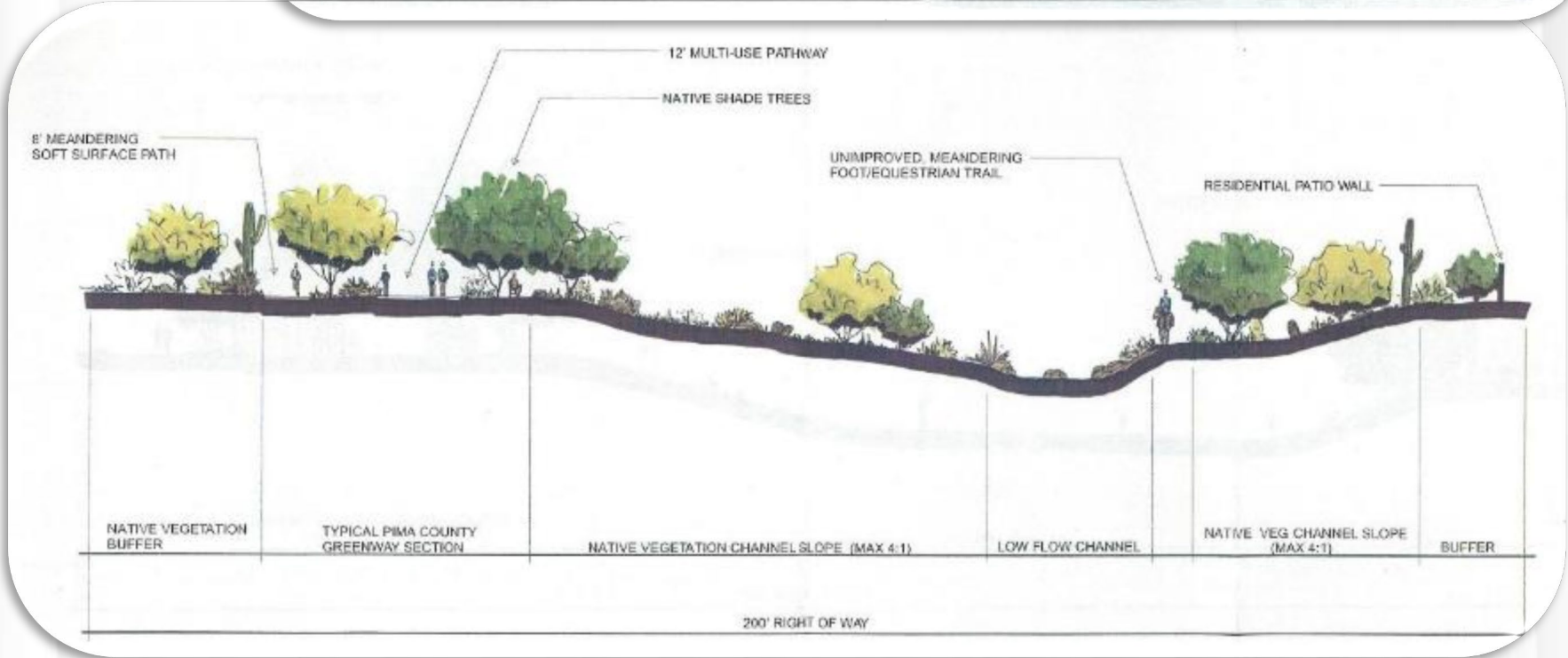
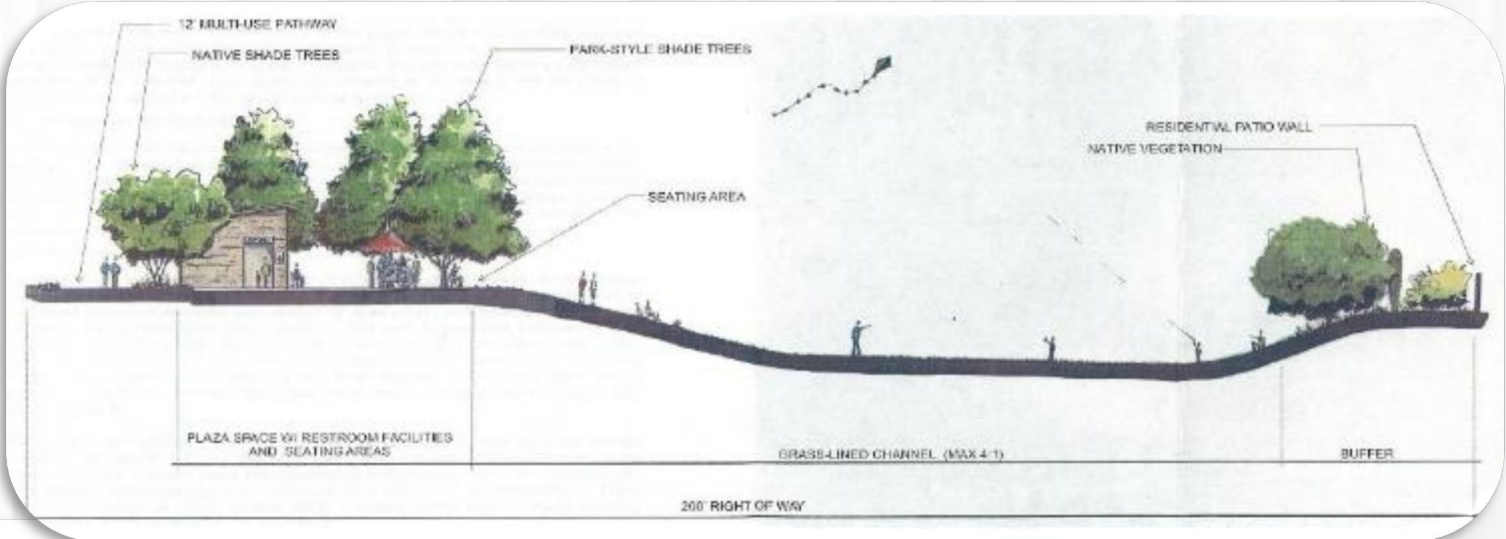
# Barnett Channel

- ❑ Design FY25
- ❑ Looking at alternative funding such as a District



# Barnett Linear Park

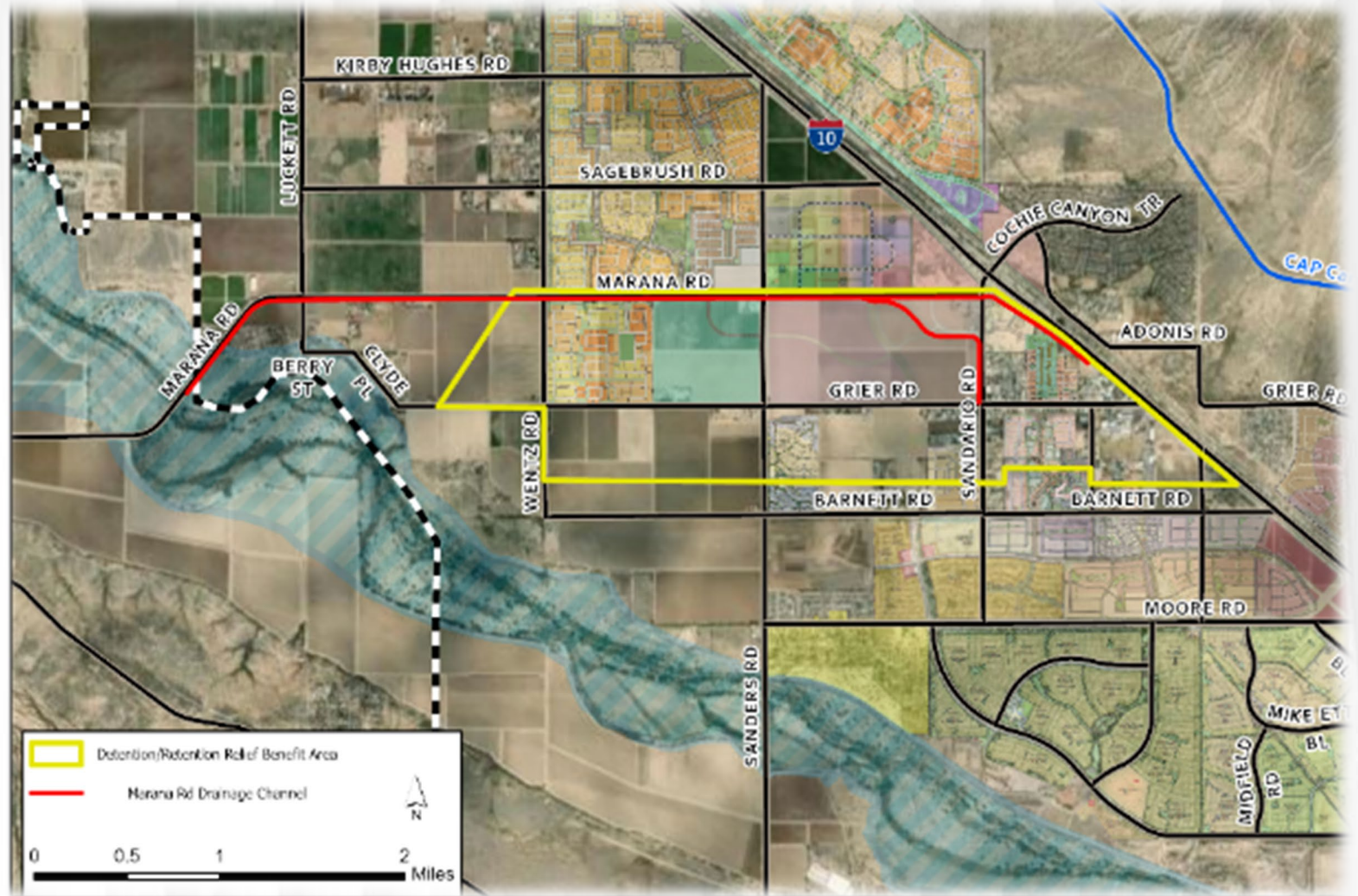
East end



West end

# Marana Channel

- Design FY25
- Looking at alternative funding such as a District



# Other Community Projects

## ▶ **Air Commerce Way Monument**

- ▶ Refreshing the landscape/hardscape along 3,600 ft of Air Commerce Way
- ▶ Monument at the entrance off of Avra Valley Rd
- ▶ **Design and Construct – FY26**

## ▶ **Courtroom 2 Remodel**

- ▶ Raise Judge's bench
- ▶ Additional seating for witnesses and court observers
- ▶ ADA accessibility
- ▶ **Design - FY25**

# Marana Gateway Monument Signage

- \$200,000 annually
- Designed in 2024
- Locations:
  - FY 24-25 Tangerine East with 2A project
  - FY 25-26 Ina Rd and
  - FY-26-27 Tangerine West
  - FY 27-28 Orange Grove
  - FY 28-29 Twin Peaks



## Parks, 5-Year CIP Program

Project Name	Project Total	2025	2026	2027	2028	2029
El Rio Recreation Area Parking Lot	493,195	347,580				
El Rio Disc Golf	453,098	400,000				
El Rio Preserve Expansion	1,310,000	808,190				
Honea Heights Park, East	1,421,033	1,207,597				
Mandarina Community Park	7,218,766	350,000				
Saguaro Bloom Community Park, Ph-2	4,805,566	4,455,566				
Tangerine Sky Park, Phase 2	1,663,922	1,470,000				
Ora Mae Harn Park Remediation, PH1	450,000	100,000	350,000			
Ora Mae Harn Park Remediation, PH2	6,184,066				400,000	

C - Construction

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# Marana El Rio Disc Golf Course



**El Rio Disc Course under Design**  
**To be constructed Fall 2024**

# El Rio Preserve Lake Water Quality Project



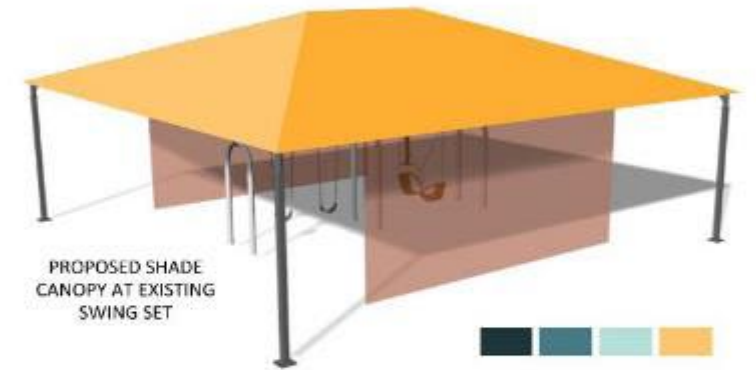


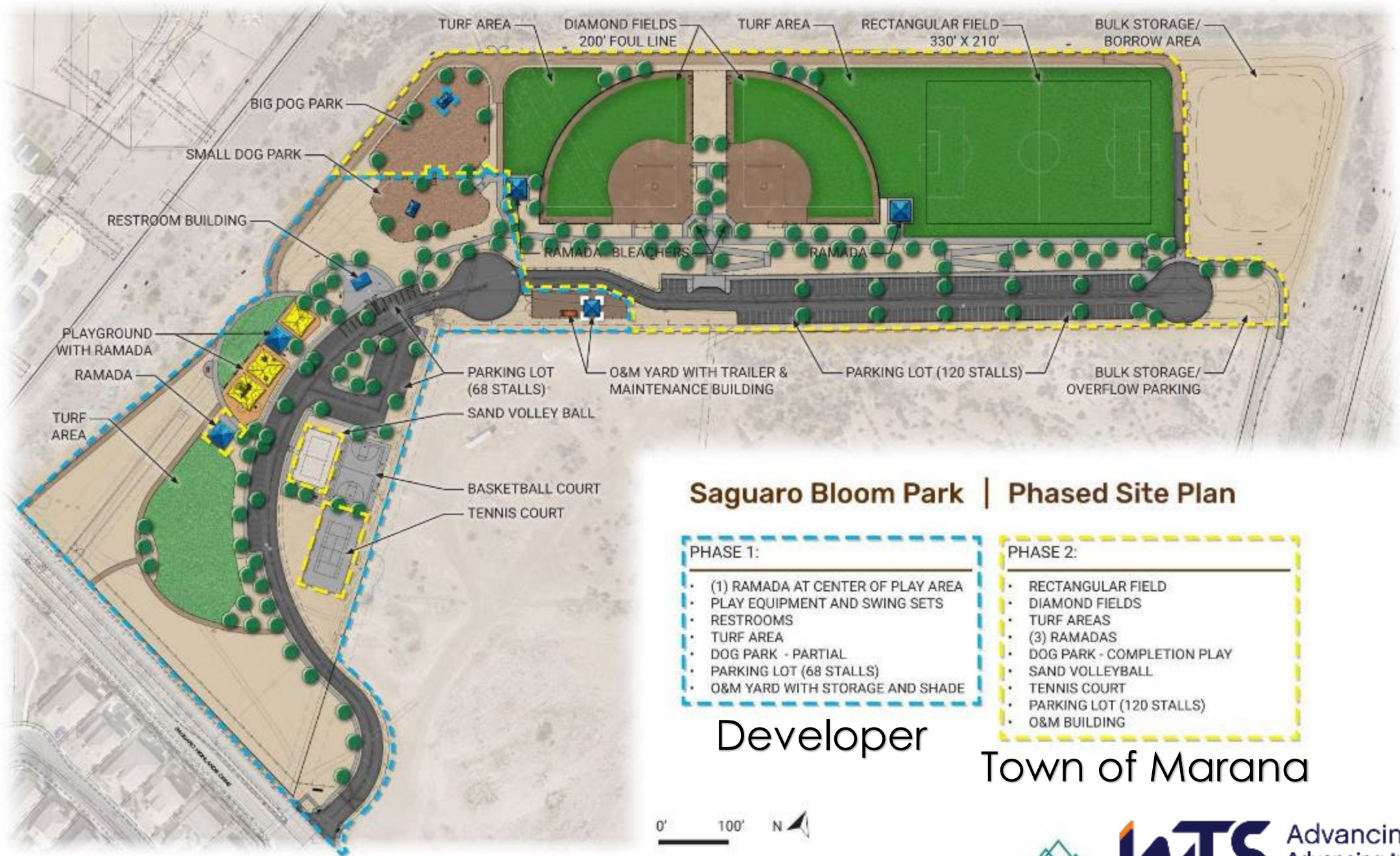
## Currently under Design To be constructed Fall 2024



### PROGRAM

- EXPAND THE EXISTING HALF-BASKETBALL COURT TO A FULL-SIZE COURT
- NEW PRE-ENGINEERED SHADE CANOPY OVER EXISTING SWING SET
- NEW PREFABRICATED CONCRETE RESTROOM
- EXTEND NEW POST AND CABLE FENCING TO PROPERTY LINE (+/- 250 LF)
- NEW PARKING LOT AREA WITH 10-15 SPACES
- NEW TREE PLANTINGS





## Saguaro Bloom Park | Phased Site Plan

- PHASE 1:**
- (1) RAMADA AT CENTER OF PLAY AREA
  - PLAY EQUIPMENT AND SWING SETS
  - RESTROOMS
  - TURF AREA
  - DOG PARK - PARTIAL
  - PARKING LOT (68 STALLS)
  - O&M YARD WITH STORAGE AND SHADE

- PHASE 2:**
- RECTANGULAR FIELD
  - DIAMOND FIELDS
  - TURF AREAS
  - (3) RAMADAS
  - DOG PARK - COMPLETION PLAY
  - SAND VOLLEYBALL
  - TENNIS COURT
  - PARKING LOT (120 STALLS)
  - O&M BUILDING

Developer

Town of Marana



# Tangerine Sky Park Phase II Currently Under Design

New Parking



Splash Pad



All 3D renderings shown are for illustration purposes only. Actual colors, textures and features may differ from renderings.

# Ora Mae Harn Park Remediation Phase I

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# Water, 5-Year CIP Program

Project Name	Project Total	2025	2026	2027	2028	2029
Continental Reserve 24-inch Tie-in	3,336,984	685,495	C			
Marana Park Reservoir	5,371,995	156,983				
New Renewable Water Resource Acquisition	4,089,500	3,004,997	971,176			
NW Recharge, Recovery, and Delivery System	18,004,581	13,292,709				
Picture Rocks Interconnect	1,652,018	1,450,675	C			
SCADA and Integrated Telemetry	2,103,808	340,000				
Heritage Park Water Plant	5,643,864	315,741	2,506,191	2,506,191	D	
Marana Park PFAS Treatment	12,601,000	1,260,100	5,670,450	5,670,450	D	
Marana SC Effluent Collection	1,671,138	500,000	1,171,138	C		
Recharge Basins Phase II	6,504,766	4,900,476	1,604,290	C		
Water Line Replacements	570,000	90,000	120,000	120,000	120,000	120,000
Well Rehabilitation Program	670,000	110,000	140,000	140,000	140,000	140,000
B-Zone Booster and Transmission Line	4,413,278		381,002	4,032,276		
B-Zone Reservoir	617,700		65,250	552,450		
C-Zone Booster	1,819,375		192,188	1,627,187		
Hartman Booster Stn Electrical Upgrade	220,000		220,000			
Heritage Park PFAS Treatment	13,213,000			1,321,300	5,945,850	5,945,850
Pioneer Well Electrical Upgrade	220,000			220,000		
Pioneer Well PFAS Treatment	3,813,000			381,300	1,715,850	1,715,850
Airport NW PFAS Treatment	26,471,000				2,647,100	11,911,950

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D - Design  
C - Construction

## Water Reclamation, 5-Year CIP Program

Project Name	Project Total	2025	2026	2027	2028	2029
North Marana Sewer Interceptor	20,761,788	5,516,162	C			
Marana WRF, Screw Press 2	2,070,070	163,111				
Rillito Vista Lift Station Upgrade	1,347,877	1,200,000	C			
Saguaro Bloom Lift Station Pump Replacement	200,000	200,000				
Sewer Conveyance System Rehab	1,788,450	661,282	552,533	574,635		
WRF Phase II	39,161,114		18,130,145	18,130,145	C	
Stingray Sewer Interceptor	3,034,513		303,451	1,365,531		1,365,531
Clark Farms Sewer Interceptor	8,768,949				8,768,949	

D - Design  
C - Construction

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# Come Join Our Team



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THANK YOU