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# PIMA COUNTY

## State of the Roads 2022

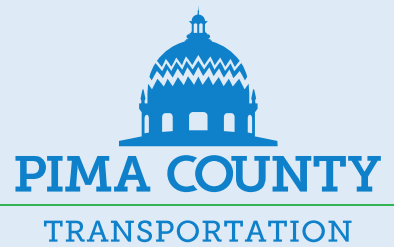
Ana M. Olivares, PE  
Director  
Department of Transportation

*.....are looking great!*

*Pavement condition is  
improving.....*



*Changes in Management  
Team.....*



**Ana M. Olivares, P.E.**  
**Director**



**Lauren Ortega, P.E.**  
**Deputy Director**



**Kathryn Skinner, P.E.**  
**Deputy Director**



**Annabelle Valenzuela**  
Support Services  
Division Manager



**Robert Johnson, P.E.**  
Analysis & Programming  
Division Manager



**Matt Sierras**  
Maintenance Operations  
Division Manager



**Vacant**  
Construction Monitoring  
Division Manager

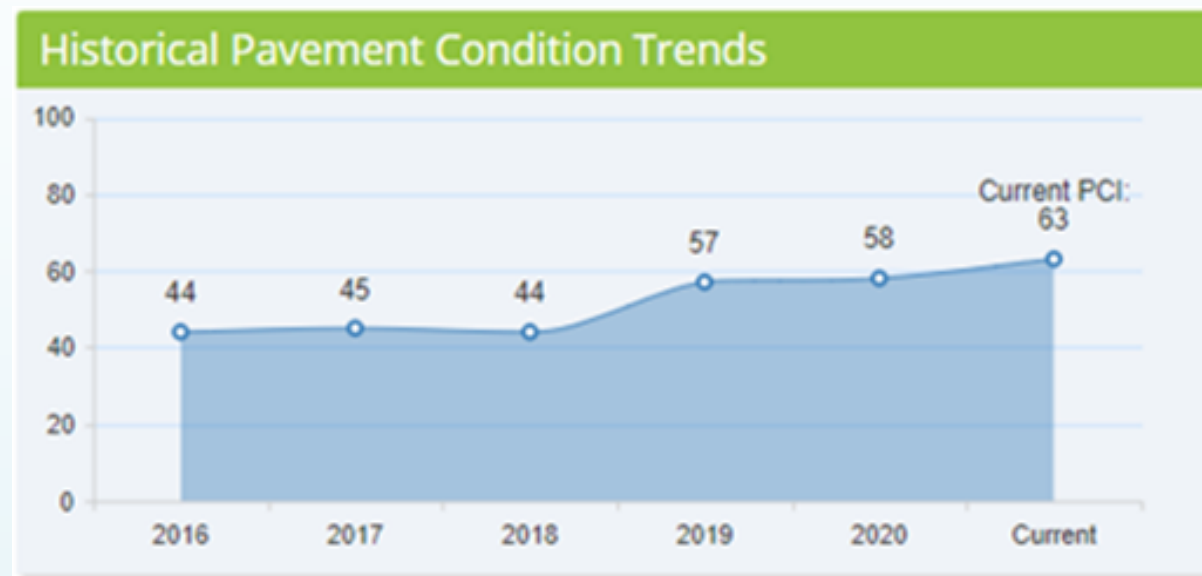


Smart Mobility	
<b>Lauren Fecteau, P.E.</b> Traffic Operations	<b>Gabe Leyva</b> Analytics & Process Management





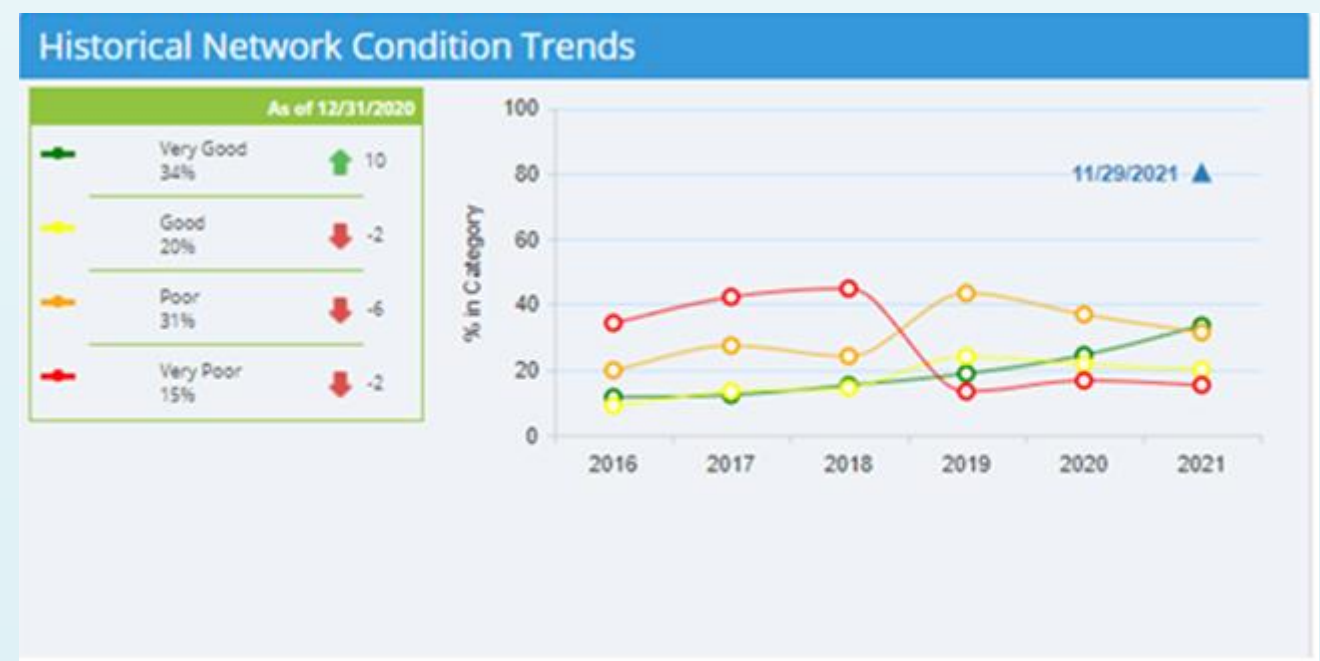
# Pavement Condition Index



Ajo, AZ



La Bella Subdivision



# Road Pavement Repair and Preservation Program

FY 22 Budget - \$85.5 Million

- ✓ 174 Local Miles to be Repaired
  - ✓ 170 Subdivisions
  - ✓ 793 ADA Ramps
- ✓ 139 Arterial/Collector Miles to be Repaired
- ✓ 28 Arterial/Collector Miles of Surface Treatments



**New Network PCI = 71**

**25%**



# Road Pavement Repair and Preservation Program

Pima County has a plan to repair and preserve all unincorporated roadways to an average PCI of 80. [Click here for the Road Repair and Preservation Program.](#)

Year	Transportation Department Funding	General Fund PAYGO Allocation	Funding Deficit	Total Funding Needed	Network Pavement Condition Index
FY19/20	21,000,000	15,000,000	0	36,000,000	57
FY20/21	3,000,000	53,000,000	0	56,000,000	64
FY21/22	35,500,000	50,000,000	0	85,500,000	71
FY22/23	16,763,143	50,036,857	0	66,800,000	76
FY23/24	19,998,662	1,338	0	20,000,000	75
FY24/25	24,089,410	10,590	8,400,000	32,500,000	75
FY25/26	26,196,170	303,830	8,000,000	34,500,000	76
FY26/27	36,300,000	200,000	4,000,000	40,500,000	77
FY27/28	32,000,000	0	26,000,000	58,000,000	77
FY28/29	37,280,000	21,720,000	13,000,000	72,000,000	79
FY29/30	37,900,000	25,000,000	9,500,000	72,400,000	80
<b>TOTAL</b>	<b>290,027,385</b>	<b>215,272,615</b>	<b>68,900,000</b>	<b>574,200,000</b>	

## **Technology-Based Transportation Initiatives**

- The need to address ongoing multimodal safety and mobility issues as fatalities continue to rise, requires Pima County to identify and evaluate new strategies, materials and technologies to provide and maintain a cost-effective and sustainable multimodal transportation system
- The focus is on utilizing existing infrastructure to implement both supply and demand-side solutions, thereby optimizing complex transportation and mobility issues

# Technology-Based Strategies

## Demand-Side Solutions

- Adaptive Signals

- Distributed Routing

- Education

- Traffic Operations

- Ride Share



## Supply-Side Solutions (Traditional Infrastructure - CIP)

- Roadway Expansion and New Linkages

- New Intersection Control

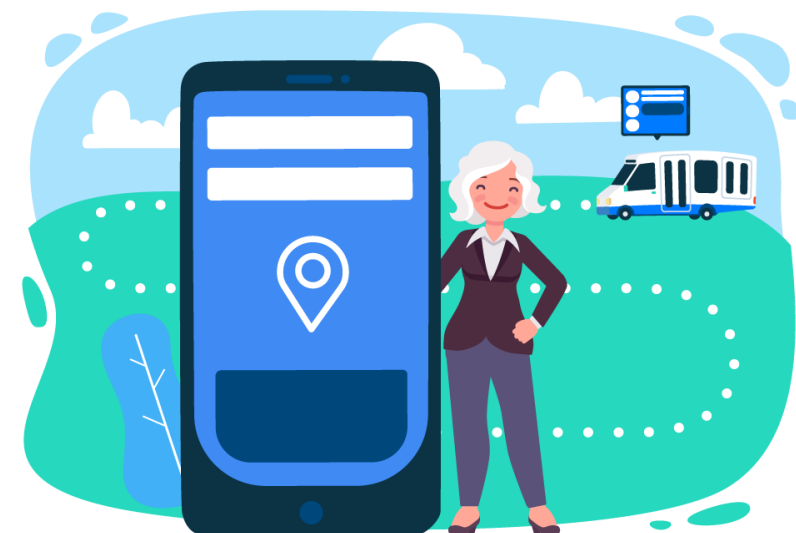
- Multimodal Connectivity

- All-Weather Improvements



# **Technology-Based and Data-Driven Analytic Tools for Operations and Planning**

- Roadway users are given the opportunity to complete their trips as efficiently as possible using the travel mode of their choice with the help of a unified, seamless transportation management platform that provides real-time information to users through a one-stop mobility application



# Benefits of Demand Management Strategies

- Regional Air Quality Improvement
- Regional Transportation Cost Reduction
- Traveler Safety Improvement
- Regional Fuel Consumption Reduction
- More Efficient Personal Travel Decisions
- Travel Time Reductions
- Maximizes Return on Infrastructure Spending
- Addresses Equity/Access to Transportation Issues

## Moving Forward with Initiatives

### Strategic Business Models and Partnering

- Collaboration with UArizona CATS and PAG Jurisdictions

### Policy and Practice

- A shift in policies governing infrastructure design as well as introducing demand management strategies

### Data Management and Urban Analytics

- Dynamic Traffic Assignment modeling to evaluate network-wide effects and ROI

### Mobile Technology and Payment Systems

- One-stop mobility application for complete trips to reduce vehicle-miles traveled, reduce delay and improve safety

### Standards and Interoperability

- Performance-based design manuals that include context-sensitive design elements with a multi-modal focus and technology-based strategies

### Innovative First and Last Mile Solutions

- MOD application will include complete transportation options

### Connected Vehicles and Infrastructure

- Updated signal network to 5G and/or fiber optic to support connected vehicles



# CIP Plan

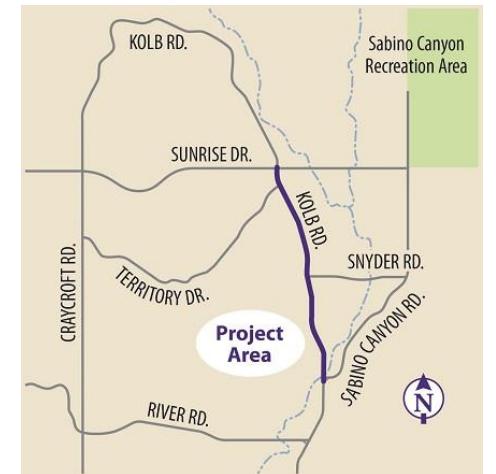
PROJECT NAME	PM	PRIOR YR ACTUALS	FY21/22 FORECAST	FY22/23 REQUEST	FY23/24 FORECAST	FY24/25 FORECAST	FY25/26 FORECAST	FY26/27 FORECAST	FY27/28 FORECAST
<b>MANAGED PROJECTS IN DESIGN</b>									
Ajo Airport Airfield Lighting Design	PMO/Craig R.	0	80,000	20,000	0	0	0	0	0
Irvington Rd Intersection Improvements	Mandley R.	0	52,000	750,500	592,500	0	0	0	0
Mission Rd Overpass @ ASARCO Mine Haul	Mandley R.	0	10,000	177,700	562,300	0	0	0	0
1st Ave Orange Grove Rd to Ina Rd RTA13	Kathryn S.	0	0	0	650,000	1,670,000	4,936,000	4,238,000	0
Santa Cruz Impact Fee Benefit Area Project		0	0	900,000	3,600,000				
Sign Inventory and Panel Replacement Phase II	Mandley R.	0	0	210,000	454,423	0	0	0	0
<b>SUB-TOTAL COUNTY MANAGED PROJECTS IN DESIGN</b>				<b>2,058,200</b>	<b>5,859,223</b>	<b>1,670,000</b>	<b>4,936,000</b>	<b>4,238,000</b>	<b>0</b>
<b>MANAGED PROJECTS IN CONSTRUCTION</b>									
Ajo Airport Runway and Taxi Asphalt Overlay	PMO/Craig R.	0	0	400,000	400,000	0	0	0	0
Bus Stop Improvement 2 Program	Jonathan C.	0	250,000	163,000	125,000	125,000	0	0	0
Houghton Rd at Ft Lowell Rd Intersection Improvements	Mandley R.	0	200,218	857,282	127,500	0	0	0	0
Kolb Road: Sabino Road to Sunrise Drive	Mandley R.	9,147,813	10,620,703	620,000	77,033	0	0	0	0
Sahuarita Rd & Wilmot Rd Intersection Improvements	Mandley R.	404,300	2,385,572	100,000	140,000	0	0	0	0
Sandario Rd at Rudasill Rd Intersection Improvements	Mandley R.	0	453,115	10,000	0	0	0	0	0
South Houghton Road Widening	Mandley R.	2,173,679	22,697,005	10,120,000	1,225,245	0	0	0	0
Sierrita Mountain Rd TWLTL Hilltop Rd to Viking Street	Mandley R.	0	179,000	742,300	26,700	0	0	0	0
Silverbell Rd Blanco Wash Bridge*	Mandley R.	16,009	627,614	870,000	3,256,377	0	0	0	0
Safe Routes to School FY23		0	0	200,000	0	0		0	0
Sunset Rd: I-10 to River Rd	PMO/Nancy P.	1,709,924	3,211,440	17,831,695	16,273,393	0	0	0	0
<b>SUB-TOTAL COUNTY MANAGED PROJECTS IN CONSTRUCTION</b>				<b>31,914,277</b>	<b>21,651,248</b>	<b>125,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SUB-TOTAL COUNTY MANAGED PROJECTS</b>				<b>33,972,477</b>	<b>27,510,471</b>	<b>1,795,000</b>	<b>4,936,000</b>	<b>4,238,000</b>	<b>0</b>
<b>PASS-THROUGH PROJECTS IN CONSTRUCTION</b>									
Houghton Rd I-10 to Golf Links Rd RTA 32 (portion of)	Kathryn S.	19,072,688	6,241,425	0	1,173,691	0	4,162,206	0	0
22nd St I-10 to Tucson Blvd Improvements	Kathryn S.	788,250	3,627,000	5,584,750	0	0	0	0	0
Sabino Canyon Park Road	Steve W.	10,000	45,000	308,000	10,500	0	0	0	0
Silverbell Road: Ina Rd to Grant Rd	Kathryn S.	0	0	0	0	0	6,400,000	0	0
Valencia Road: Kolb to Houghton	Kathryn S.	0	0	0	4,000,000	0	0	0	0
<b>SUB-TOTAL PASS-THRU PROJECTS IN CONSTRUCTION</b>				<b>5,892,750</b>	<b>5,184,191</b>	<b>0</b>	<b>10,562,206</b>	<b>0</b>	<b>0</b>
<b>SUB-TOTAL PASS-THROUGH PROJECTS</b>				<b>5,892,750</b>	<b>5,184,191</b>	<b>0</b>	<b>10,562,206</b>	<b>0</b>	<b>0</b>
<b>TOTAL PLANNED EXPENSES</b>				<b>39,865,227</b>	<b>32,694,662</b>	<b>1,795,000</b>	<b>15,498,206</b>	<b>4,238,000</b>	<b>0</b>

*Current and Future Roadway Projects: [click here](#)*

## CIP Plan

### Kolb Road, Sabino Canyon to Sunrise Drive

- Engineer/Contractor: PSOMAS / KE&G Construction
- Completion Date: Spring 2022



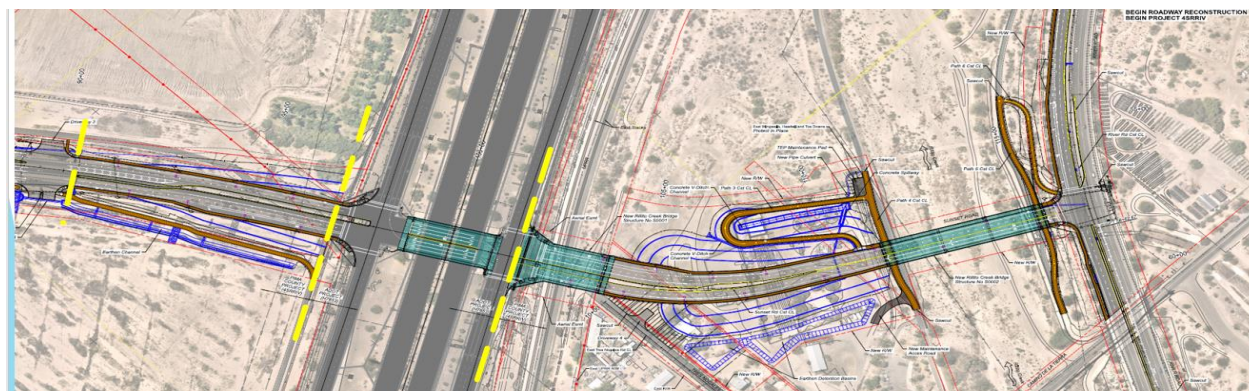
### South Houghton Road Widening

- Engineer/Contractor: PSOMAS / Borderland Construction
- Completion Date: December 2022



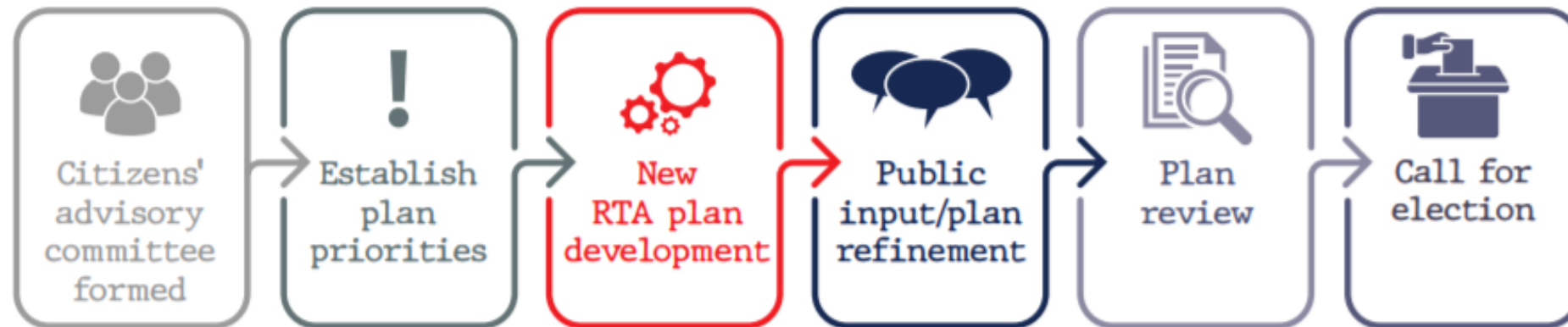
### Sunset Road, I-10 to River Road

- Engineer: Kimley Horn
- Construction Start: Fall 2022 w/ADOT I-10 Widening project





# CIP Moving Forward



## Infrastructure Investment & Jobs Act (IIJA)

The Infrastructure Investment & Jobs Act (IIJA) will **infuse \$550 Billion in new federal funding**, nationally.

This federal funding will be allocated through **Formula Grants, Discretionary Funding, Loans, and State pass-through agencies.**

Over **60%** of IIJA funding opportunities have a **competitive grant component**

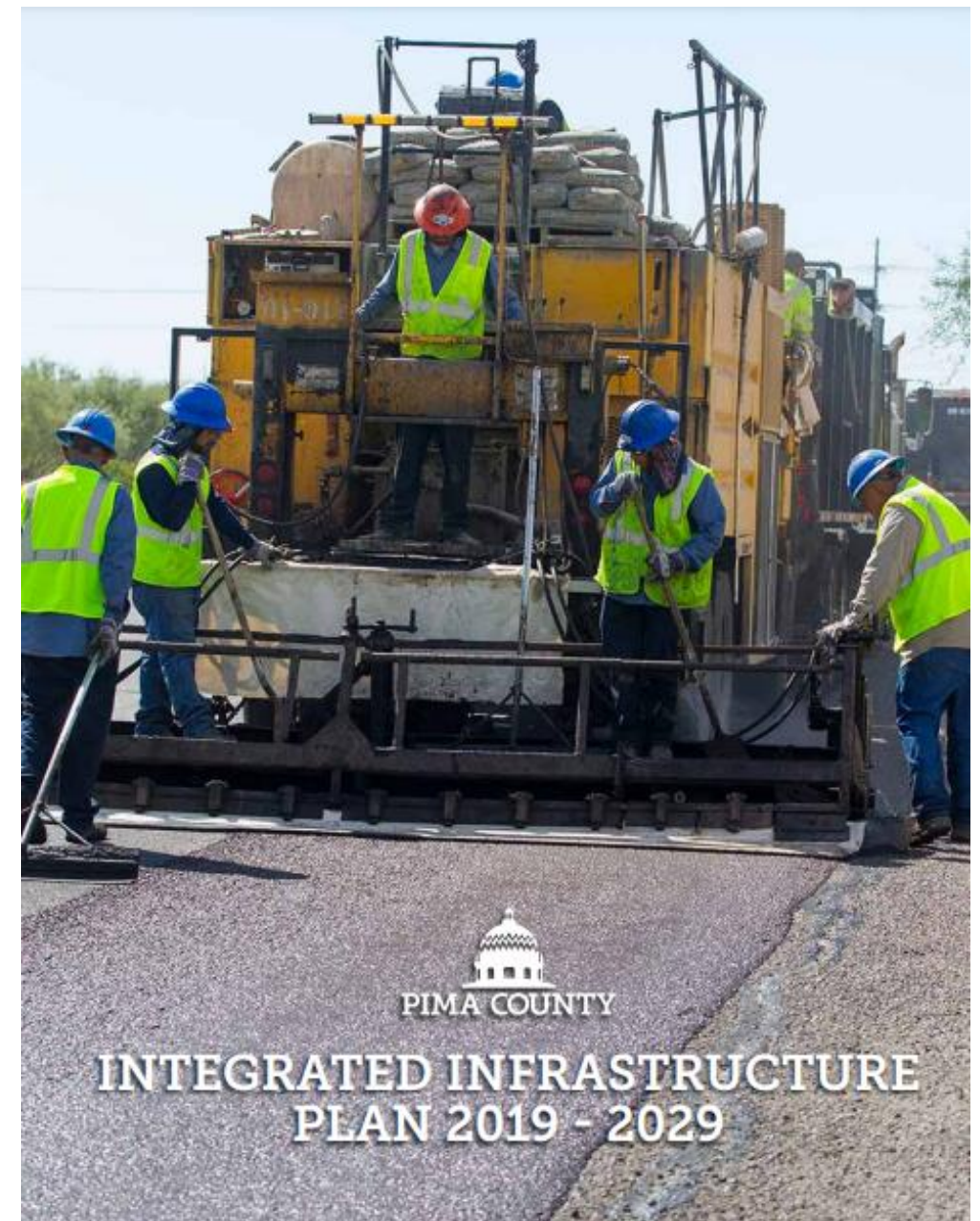


# CIP Moving Forward

## Budget Process: Planning

- Departments update 10-year infrastructure plan (unfunded, long range infrastructure planning): Sept – November.
- THIS YEAR – delaying updates to coordinate better with information regarding the IIJA
- The Integrated Infrastructure Plan uses this information, and is updated biennially (every 2 yrs.)
- Current Plan link:

[https://webcms.pima.gov/UserFiles/Servers/Server\\_6/File/Government/Project%20Management%20Office/Integrated-Infrastructure-Plan-2019-2029.pdf](https://webcms.pima.gov/UserFiles/Servers/Server_6/File/Government/Project%20Management%20Office/Integrated-Infrastructure-Plan-2019-2029.pdf)





# CIP Moving Forward

## Pima County's Process: IJJA, Infrastructure Planning & CIP Annual Budget

- IJJA Planning: Builds on the existing yearly Infrastructure Plan & CIP Budgeting Process
- Department specific planning areas examples
  - DOT – existing asset management, smart mobility, EV charging station access, airport (Ajo), broadband
  - Sustainability – Water resource management, wildfire resistance, invasive species management
  - RWRD – Increased resiliency, expansion, improving recharge benefits to the region
  - RFCD – continued floodplain management in underserved urban areas



## Contact Us

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### Constituent Services – Service Requests and Request for Information

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# PIMA COUNTY

Department of Transportation

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