

Department of Transportation

www.pima.gov/transportation

Ana M. Olivares, PE, Director January 14, 2021



Our Mission:

To provide and maintain a cost-effective multi-modal transportation system with exceptional customer service while providing mobility on demand for all users and all modes of travel in a manner that protects and enhances natural environments and quality of life.



Our Vision:

To utilize Smart Transportation strategies to enhance roadway users' mobility and improve the overall multimodal transportation network.



For more information about Our Vision: click here

Smart Transportation Strategies

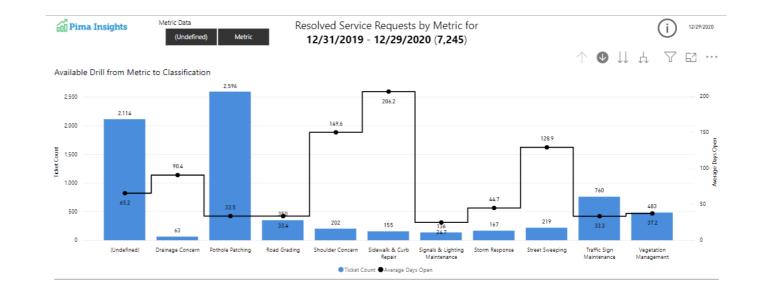
Apply technology-based and data driven analytic tools to operations and planning:

Operations Systems that are in place:

Street Saver[®]









Smart Transportation Strategies

Planning -

Focus on utilizing existing infrastructure to the greatest extent through a fully coordinated transportation network and allows the department to implement both supply and demand side solutions to complex transportation and capacity problems.

- Mobility on Demand (MOD)
- A Regional Mobility Center

<u>Click here</u> to learn about PCDOT's Smart Transportation approach



Smart Transportation Strategies

Demand side solutions

- Adaptive Signals
- Distributed Routing
- Education
- Traffic Operations
- Ride Share

Supply side solutions (traditional infrastructure - CIP)

- Roadway Expansion
- New intersection control
- Multimodal connectivity
- All-weather improvements



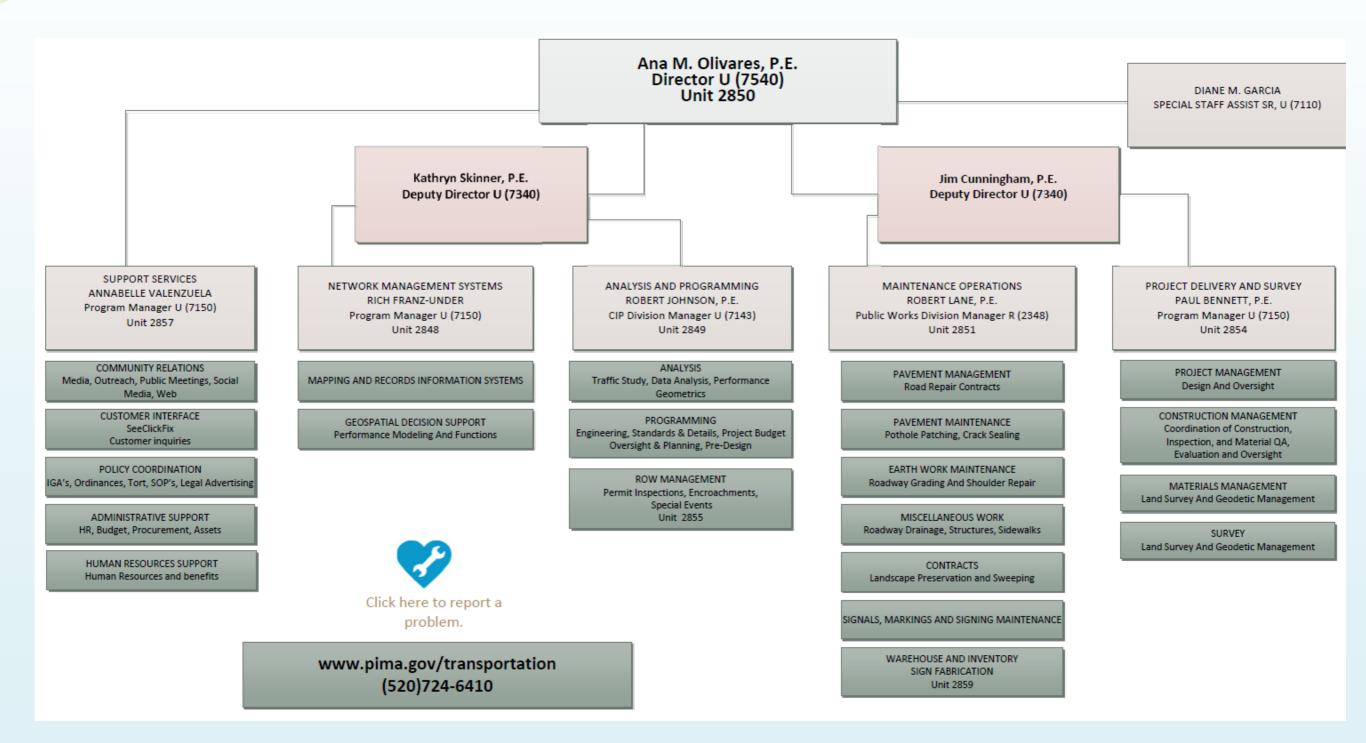


200 employees 2,200 road miles in our maintenance system

- 1922 paved road miles
- 282 dirt road miles

84 bridge structures 103 traffic signals 18 pedestrian crossings

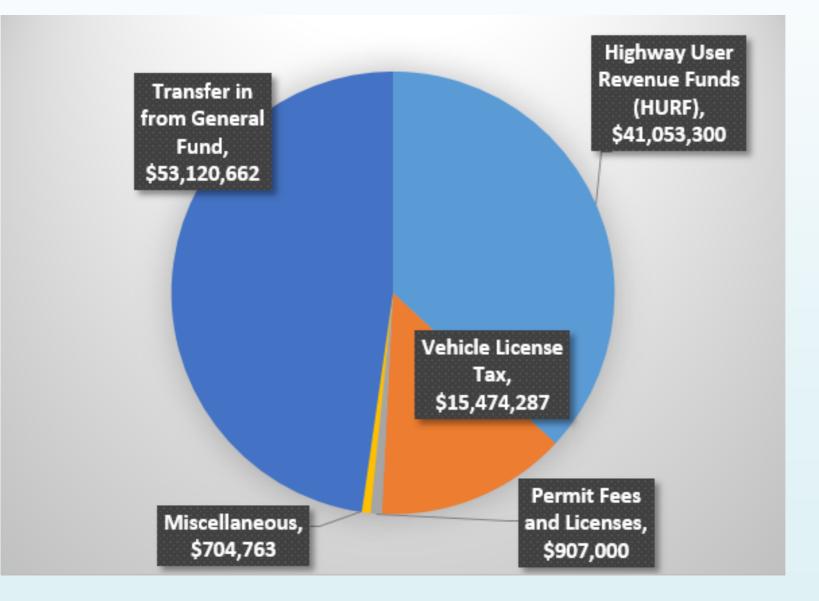






PCDOT Funding

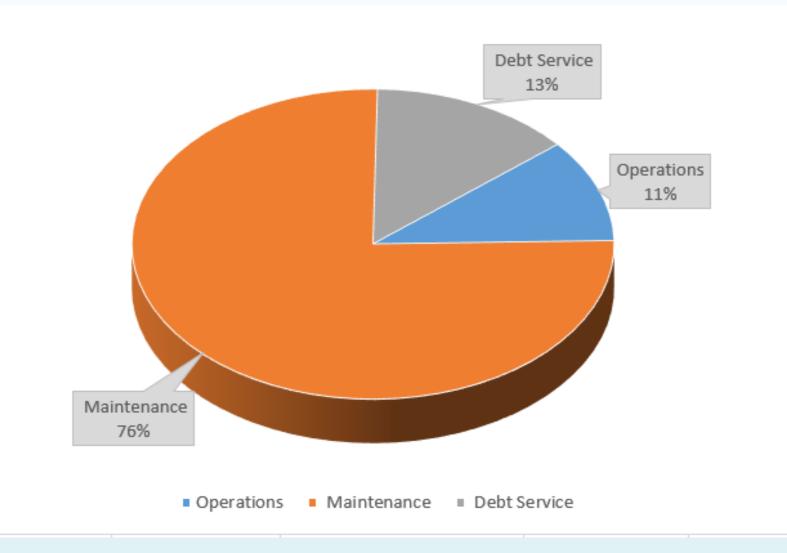
FY 21 Adopted Revenues - \$111 million





PCDOT Budget

FY 21 Budget by Function





Typical Service Requests

potholes	roadway grading	paving	crack sealing
vegetation trimming	drainage	sidewalk repairs	street sweeping
right-of-way encroachments	sight distance concerns	sign requests	traffic signal requests
speed hump requests	speed limit concerns	pedestrian concerns	traffic safety
pavement striping	project information	future roadways	road construction
Mt. Lemmon roads	weather related road closures	impact fee projects	bicycle facilities

Requests are acknowledged within 24 hours.

The response times to the service requests are averages based on our current level of funding, workload, priorities and assumed fair weather conditions. Storm weather and other variables may increase the length of our response time depending on current circumstances.

Please <u>click here</u> for response times.



Road Pavement Repair and Preservation Program

Pima County has a plan to repair and preserve all unincorporated roadways to an average PCI of 80. <u>Click here for the Road Repair and Preservation Program.</u>

Year	Transportation Department Funding (HURF/VLT)	General Fund PAYGO Allocation	Total Funding	Network Pavement Condition Index
FY19/20	21,000,000	15,000,000	36,000,000	57
FY20/21	3,000,000	53,000,000*	56,000,000	65
FY21/22	35,500,000	0	35,500,000	66
FY22/23	18,466,015	9,533,985	28,000,000	67
FY23/24	20,759,886	14,540,114	35,300,000	69
FY24/25	25,445,643	14,554,357	40,000,000	71
FY25/26	26,943,837	14,556,163	41,500,000	73
FY26/27	29,100,000	25,000,000	54,100,000	75
FY27/28	31,500,000	25,000,000	56,500,000	77
FY28/29	35,000,000	25,000,000	60,000,000	79
FY29/30	36,900,000	25,000,000	61,900,000	80
TOTAL	283,615,381	221,184,619	504,800,000	

*Reflects \$50 million of PAYGO and \$3 million of remaining FY18 Local Road Repair Program.



Road Pavement Repair and Preservation Program

FY 20 Budget - \$36 Million

- ✓ 75 Local Miles Repaired
 - ✓ 61 Subdivisions
 - ✓ 203 ADA Ramps
- ✓ 58 Arterial/Collector Miles Repaired
- ✓ 24 Arterial/Collector Miles Surface Treated
 - ✓ 3 Miles Cracks Sealed
 - ✓ 16 Miles Crack Sealed & Fogged
 - ✓ 5 Miles Micro Sealed

New Network PCI = 57





Road Pavement Repair and Preservation Program

FY 21 Budget - \$56 Million

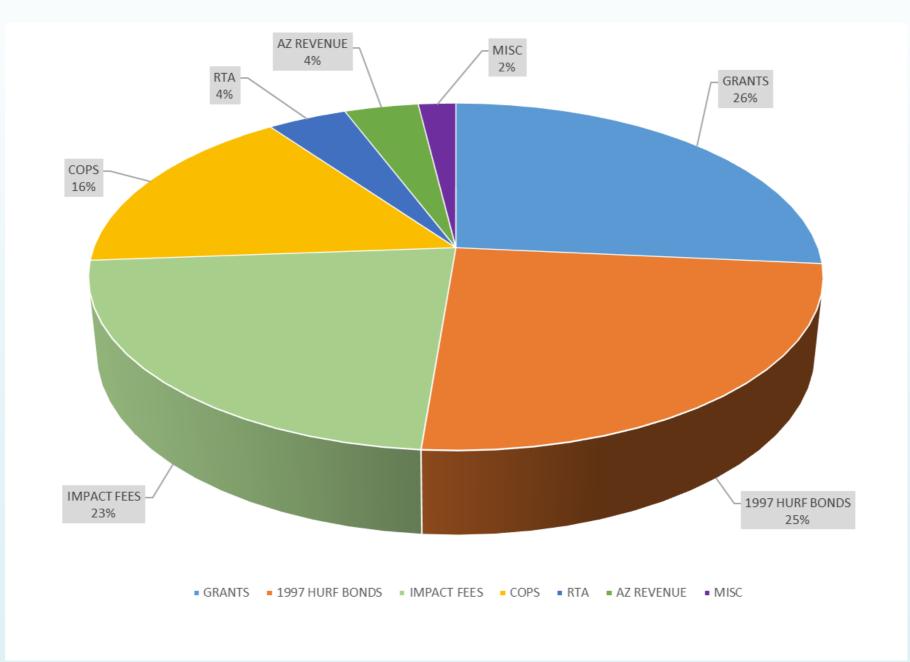
- ✓ 127 Local Miles to be Repaired
 - ✓ 99 Subdivisions
 - ✓ ADA Ramps
- ✓ 46 Arterial/Collector Miles to be Repaired
- ✓ 20 Arterial/Collector Miles of Surface Treatments
 - ✓ 2 Miles to be Double Chip Sealed
 - ✓ 2 Miles to be Crack Sealed
 - ✓ 11 Miles to be Crack Sealed & Fogged
 - \checkmark 5 Miles to be Micro Sealed

New Network PCI = 65





PCDOT Capital Improvement Projects (CIP) Budget – FY 21





FY 21 CIP

	Forecasted	Forecasted	Forecasted	Forecasted	Forecasted	Forecasted
PROGRAM	Current Year 🔻	FY 2021-22 💌	FY 2022-23 💌	FY 2023-24 💌	FY 2024-25 💌	FY 2025-26
1st Ave: Orange Grove Rd to Ina Rd RTA13	0	0	650,000	1,670,000	4,936,000	4,238,000
22nd St: I-10 to Tucson Blvd Improvements	0	4,627,000	4,584,750	0	0	0
Aerospace Parkway	350,000	0	0	0	0	0
Ajo Airport Airfield Lighting Design	0	100,000	0	0	0	0
Ajo Airport Runway and Taxi Asphalt Overlay	0	120,000	680,000	0	0	0
Arterial/Collector - Pavement Preservation Program FY20	120,000	0	0	0	0	0
Bopp Rd - Sarasota Blvd at Kinney Rd Improvements	4,688,699	30,000	0	0	0	0
Broadway Blvd: Euclid to Campbell RTA 17 (portion of)	4,530,905	0	0	0	0	0
Bus Stop Improvement 2 Program	163,000	250,000	125,000	125,000	0	0
Development Impact Fee Study	4,206	0	0	0	0	0
Houghton Rd at Ft Lowell Rd Intersection Improvements	0	295,000	712,000	178,000	0	0
Houghton Rd: I-10 to Golf Links Rd RTA 32 (portion of)	2,000,000	8,168,702	0	1,173,691	0	4,162,206
Impact Fee ITS Improvements	0	718,200	0	433,200	0	0
Irvington Rd Intersection Improvements	0	620,000	477,000	105,000	0	0
King Canyon Trailhead Parking	5,000	0	0	0	0	0
Kolb Rd: Sabino Rd to Sunrise Dr	8,162,361	8,663,754	106,683	0	0	0
La Cholla Blvd - Overton to Tangerine	5,000	0	0	0	0	0
Sabino Canyon Park Rd	10,000	37,500	166,000	160,000	0	0
Sahuarita Rd & Wilmot Rd Intersection Improvements	257,680	2,503,000	126,000	0	0	0
Sandario Rd at Rudasill Rd Intersection Improvements	0	330,000	0	0	0	0
School Safety Project - White-Pistor	230,916	0	0	0	0	0
Sierrita Mountain Rd TWLTL: Hilltop Rd to Viking St	0	201,000	597,000	150,000	0	0
Sign Panel Replacement	132,032	0	0	0	0	0
Silverbell Rd Blanco Wash Bridge	255,000	534,500	3,405,000	575,500	0	0
Silverbell Rd: Ina Rd to Grant Rd	0	0	0	0	0	6,400,000
Skyline Dr at Sunrise Dr	503,150	0	0	0	0	0
South Houghton Rd Widening	3,896,095	18,702,000	8,113,000	0	0	0
Speedway Blvd - Painted Hills Rd to Camino de Oeste	2,376,347	25,000	106,027	0	0	0
Sunset Rd: I-10 to River Rd	1,260,428	3,009,440	0	0	0	0
Tanque Verde Rd at Tanque Verde Loop Rd Intersection Improvements	4,271	0	0	0	0	0
Valencia Rd - Wade Rd to Ajo Highway	784,541	25,000	976,675	0	0	0
Valencia Rd: Houghton to E Old Spanish Trail	5,342,671	0	0	0	0	0
Valencia Rd: Kolb to Houghton	0	3,825,000	175,000	0	0	0
Wilmot Rd: Valencia to DMAFB Entrance	908,947	0	0	0	0	0
	35,991,249	52,785,096	21,000,135	4,570,391	4,936,000	14,800,206

Current and Future Roadway Projects: <u>click here</u>

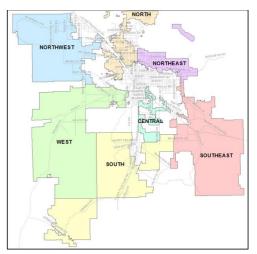


CIP Moving Forward

Pima County / City of Tucson Signing & Pavement Marking Manual 2020 First Edition. (Adopted 12/2/2020)

Roadway and Development Street Standards Manual (Started in 2020, On-hold due to COVID; completion mid-2021)

Impact Fees New Ordinance, Effective 1/1/2021 7 Areas 10 Year Plan

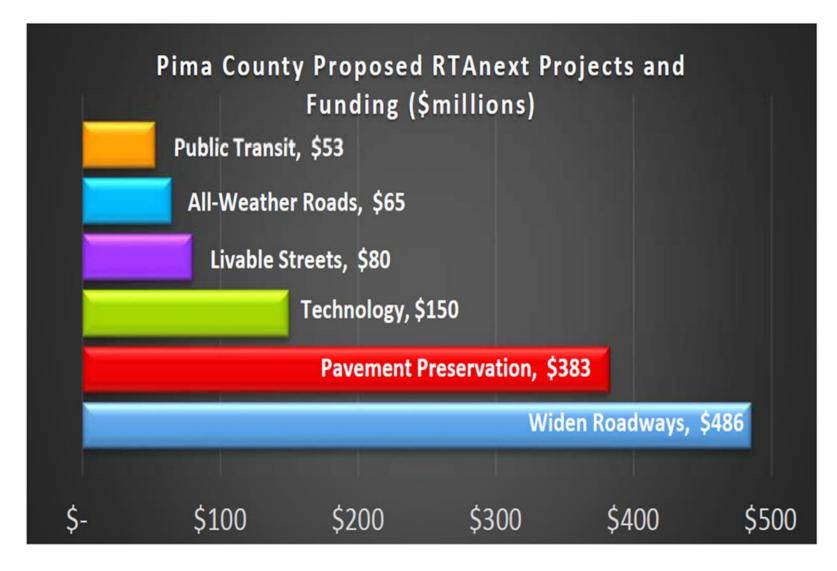


Anticipated necessary roadway improvements in these areas total cost is \$202M. Costs attributable to new development is estimated to be \$94M.



CIP Moving Forward





- 21 named projects submitted, new critical links and roadway expansion and modernization.
- Projects will incorporate required technology and livable street elements to align with MOD vision and strategies.

Contact Us

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