Town Roadways

Community Academy

October 27, 2022

Town of Oro Valley

Overview

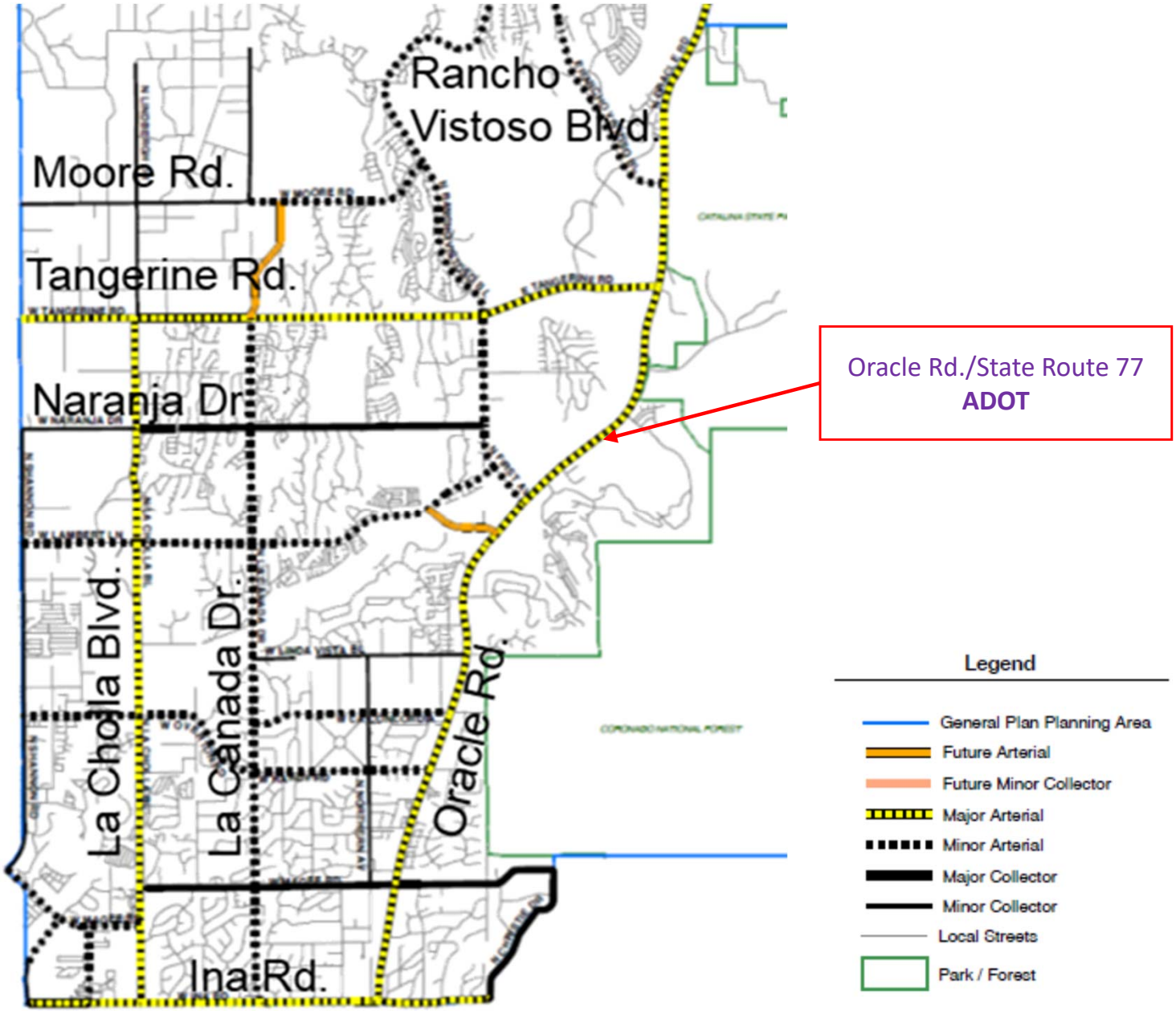
Town of Oro Valley

- **Town of Oro Valley Roadway Network**
  - Roadway Network
  - Road Hierarchy & Street Classifications
  - Private Streets
  - Local Public Streets
  - State Highway System
  - Public Building Process
- **Funding Sources**
  - Local and Regional funds
- **Road maintenance**
  - Pavement Preservation Program
- **Transit Services**

Roadway Network

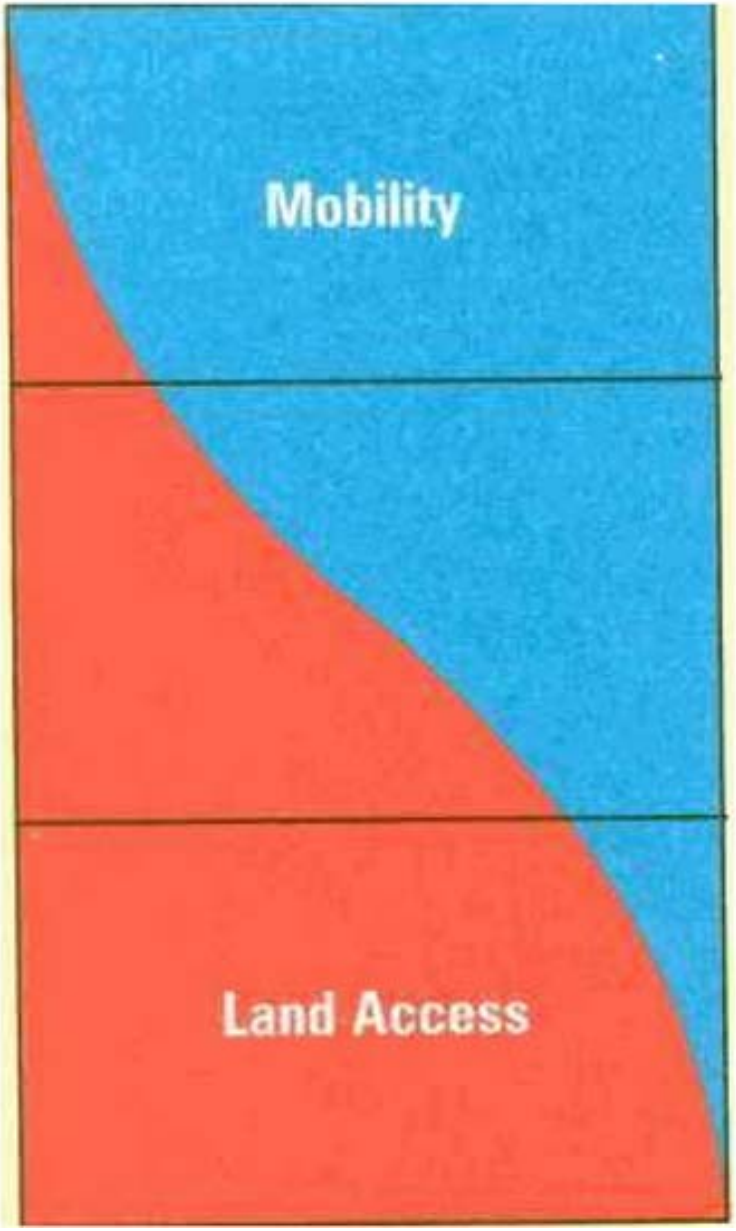
Town of Oro Valley

Town Code Section 3-2-4: places the responsibility of managing the Town's roadway network with the Town Engineer



Road Hierarchy & Street Classifications

Town of Oro Valley



Arterials
- higher mobility
- low degree of access

- **La Canada Drive**
- **Tangerine Road**

Collectors
- balance between mobility and access

- **Naranja Drive**
- **Moore Road**

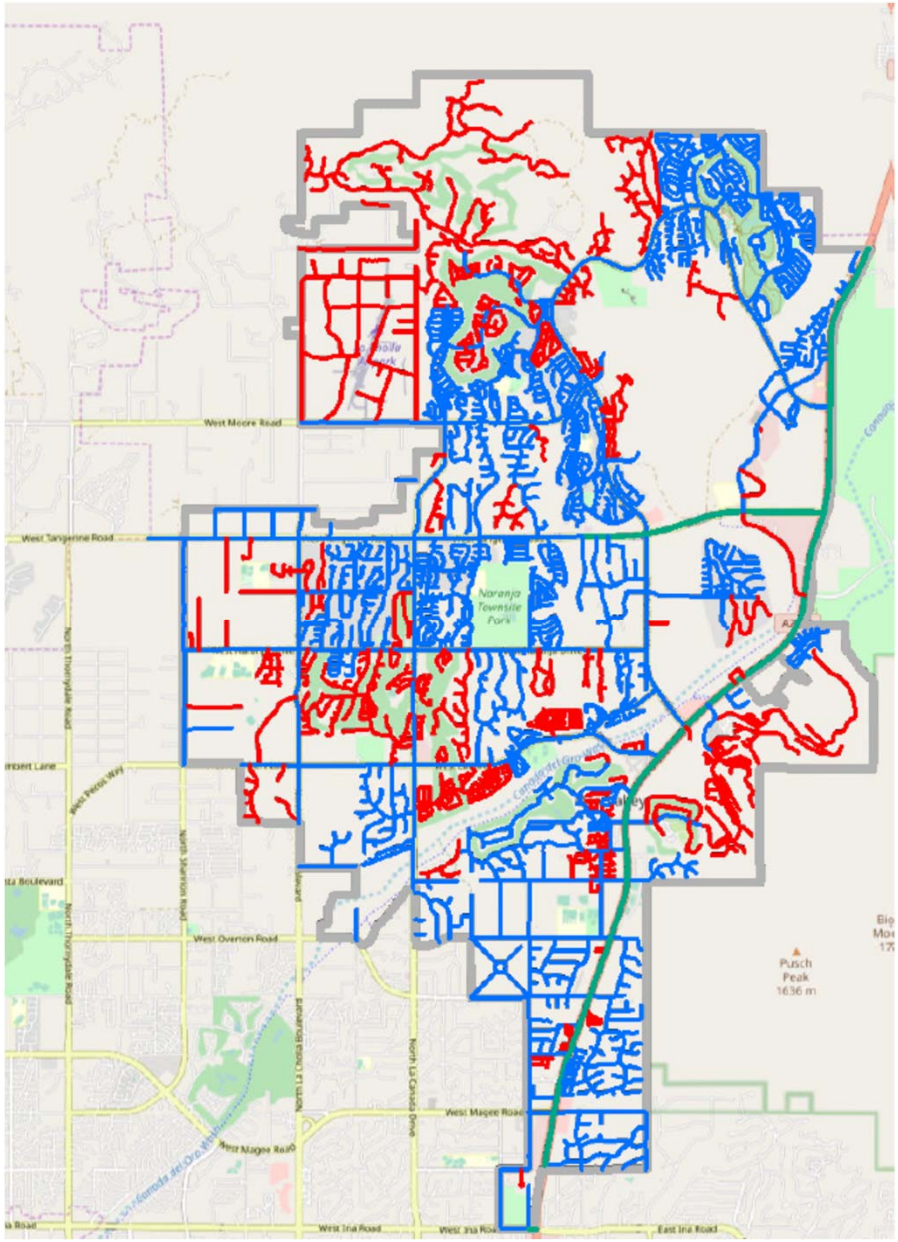
Locals
- lower mobility
- high degree of access

- **Subdivision streets**

Private Streets

Town of Oro Valley

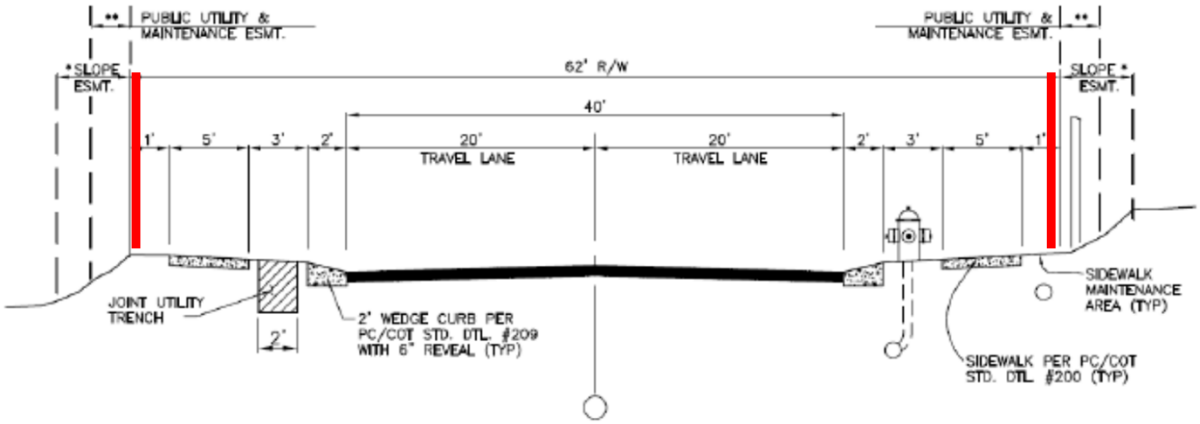
- Developer funded & constructed
- All gated streets must be private
- Considered private property and generally are HOA common areas
- Constructed to Town standards
- Evaluated during the development review process and ultimately must be approved by Council
  - Review street layout geometry
  - Traffic congestion impacts
  - Signal & control warrants
  - Community fit
- Some private streets have agreements with the Town for Police traffic enforcement
- **<u>Cannot</u>** be maintained with Public funds

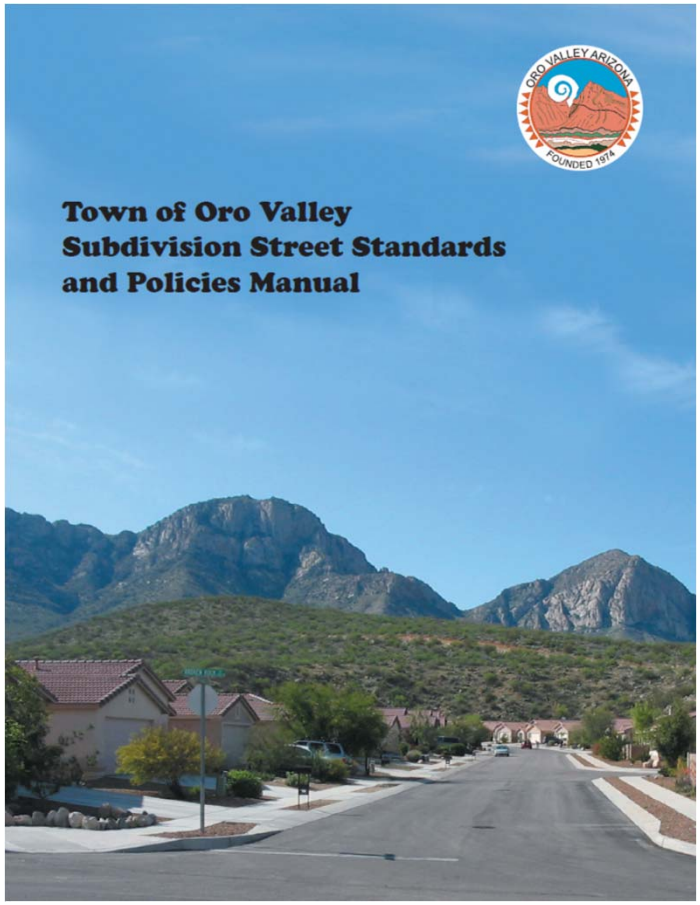


Local Public Streets

Town of Oro Valley

- Under the jurisdictional control of the Town of Oro Valley
- All 420+ lane miles of streets are maintained by the Town
- Town's management responsibility extends throughout the Right-of-Way (ROW)
  - What is the ROW
  - Requires a ROW Permit for any Private work
- Can be built by Public Funding or Private Development
  - In the case of Private Development, after construction is complete, there is a Town acceptance procedure





State Highway System

Town of Oro Valley

- Oracle Road – State Route 77, or SR77 for short is the only remaining State highway in Oro Valley
- Under the jurisdictional control of the Arizona Department of Transportation (ADOT) – including all signals on Oracle Rd
- Town possess some license agreements and Inter-Governmental Agreements (IGA's) for landscape maintenance along Oracle Rd.
- Future ADOT Projects
- In addition, ADOT provides all routine bridge inspections for the Town – every 2 years
- Town has a great working relationship with ADOT

Public Roadway Build Process

Town of Oro Valley

- Why does it take so long to build a new roadway?
  - Processes mandated by State Statute
  - Generally working on a live road with ongoing traffic to safely manage
- Design:
  - Select consultant
  - Environmental impact study
  - Noise study
  - Drainage study
  - Open house(s)
  - Right of way acquisitions
  - Utility conflicts
  - Artwork
  - Plans & specifications
- Construction:
  - Public bid
  - Select contractor
  - Utility relocations
  - Inspection and control
  - Substantial completion
  - Finished street

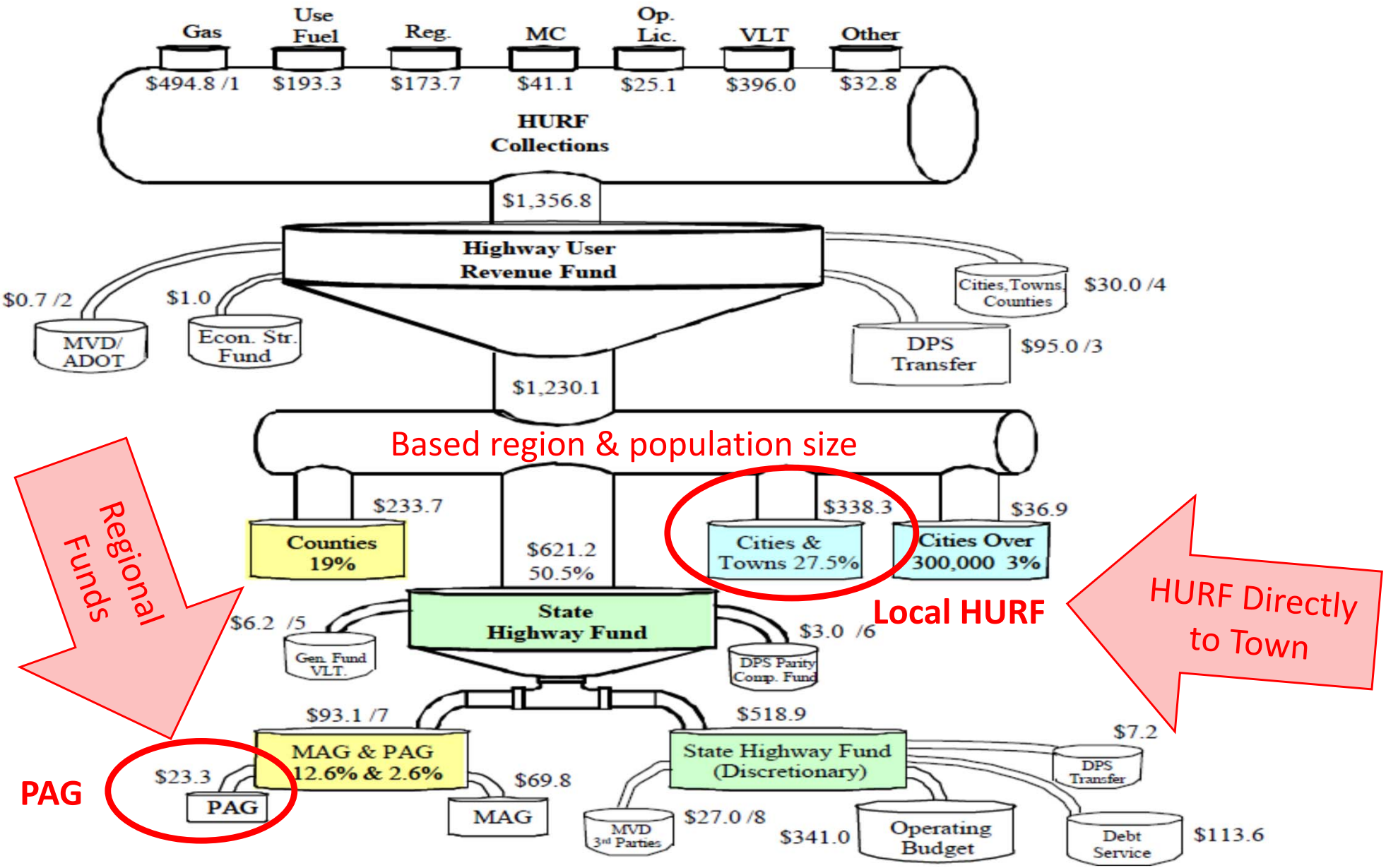
Roadway Funding Sources

Town of Oro Valley

- Town-wide Development Impact Fees
- General Fund
- RTA – Based from a 0.5¢ sales tax
  - Approved by voters in 2006
  - Major roadway projects in plan
  - Lasts till 2026
  - RTA Next
- PAG – a Regional Competitive Funding
  - Federal STP - 18¢ per gallon (since 1992)
  - State 12.6% HURF
- State Shared Highway User Revenue Funds (HURF)
  - Based on **population**
  - Funded by gas, registration and license taxes
  - Direct payment to cities and towns

Arizona Department of Transportation (ADOT) Funding

Town of Oro Valley



Local Funding

Town of Oro Valley

- Town-wide Development Impact Fees
  - Mandated and controlled by State Statute
  - Generated by fees paid by development
  - Can only be used for capacity and corresponding safety transportation elements that are growth related projects on the Town's Council adopted Infrastructure Improvement Plan (IIP)

2018 Amended Development Impact Fee - Infrastructure Improvement Plan (IIP)		
Project No.	**Project Name**	**Capital Cost**
1	Tangerine Rd, Shannon Rd-La Canada Dr	$ 1,000,000.00
2	La Cholla Blvd, Tangerine Rd-Lambert Ln	$ 800,000.00
3	Shannon Rd, Tangerine Rd-Naranja Dr	$ 4,200,000.00
4	Lambert Ln, 0.5 mi. E of Shannon-Rancho Sonora	$ 14,000,000.00
5	Moore Rd, Yellow Orchard-Mystic View	$ 1,440,000.00
6	Rancho Vistoso & Woodburne Intersection	$ 750,000.00
7	Oracle Rd & Rams Field Intersection	$ 750,000.00
8	Moore Rd La Cholla Blvd Intersection	$ 900,000.00
9	Transportation Fee Update Study Costs (2)	$ 69,600.00
10	Moore Rd - extension E of Rancho Vistoso Blvd	$ 1,000,000.00
11	Moore Rd & Rancho Vistoso Blvd Intersection	$ 750,000.00
12	Moore Rd & La Canada Dr Intersection	$ 900,000.00
13	Linda Vista Widening E of Oracle Rd	$ 400,000.00
14	Glover Rd Multi-Use Path	$ 150,000.00
15	Glover Rd south half widening	$ 500,000.00
16	Naranja Two-Way Left Turn Lane	$ 458,000.00
	Total for all projects	**$ 28,067,600.00**

- Oro Valley General Fund
  - Main funding source for Town Street Operations Crews
  - Town uses Arizona Department of Corrections Inmates to extend our workforce resources
  - May become the funding source in the future for Pavement Preservation
  - Fund use is not restricted

RTA Funding

Town of Oro Valley

- Voter-approved plan
  - 5¢ Sales Tax
  - $2.1B regionally over 20 years
  - Plan sunsets in 2026
- 35 roadway corridors
  - Tangerine - Completed
  - La Cholla – Completed
  - Magee - Completed
- Safety elements
  - Traffic signals
- Environmental & economic vitality elements
  - CDO Lineal Park
- Transit Elements
  - OV Transit
  - Park & Ride
- Funding received: on a per project or use basis
  - This fund has been regionally combined with the PAG funding sources

RTA
Regional Transportation Authority

PAG & HURF Funding

Town of Oro Valley

- PAG Funding
  - Pima Associations of Governments
  - Our Federally mandated Metropolitan Planning Organization (MPO) – every metro region has one
  - Has funded projects in the past such as Lambert Ln
  - This funding at the regional level has been combined with the RTA
  - This fund is often referred to as 12.6 funding
  - The 2.6% in the previous slide goes directly to ADOT for local Highway projects

Pima Association of Governments

- Local HURF Funding
  - Highway Fund in the budget
  - Main funding source for Transportation Engineering staff, Street related projects not funded by PAG/RTA, and all street related raw materials
  - Fund use **is restricted** by State statute and can only be used on streets

Roadway Maintenance

Town of Oro Valley

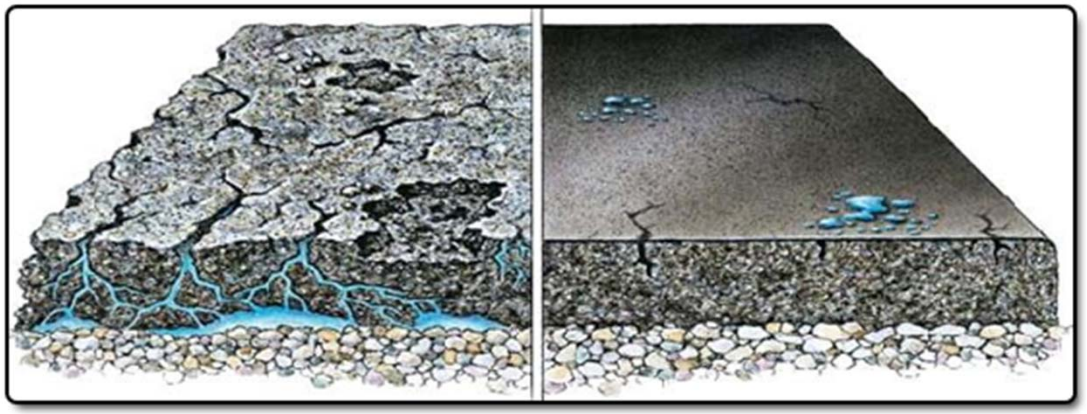
- Traffic Signals
- Signage & Striping
- Shouldering
- Landscaping & Vegetative Management
- Sidewalks
- Crack Sealing
- Minor Asphalt & Concrete Bridge Deck Repairs
- Bridge Maintenance
- Sweeping

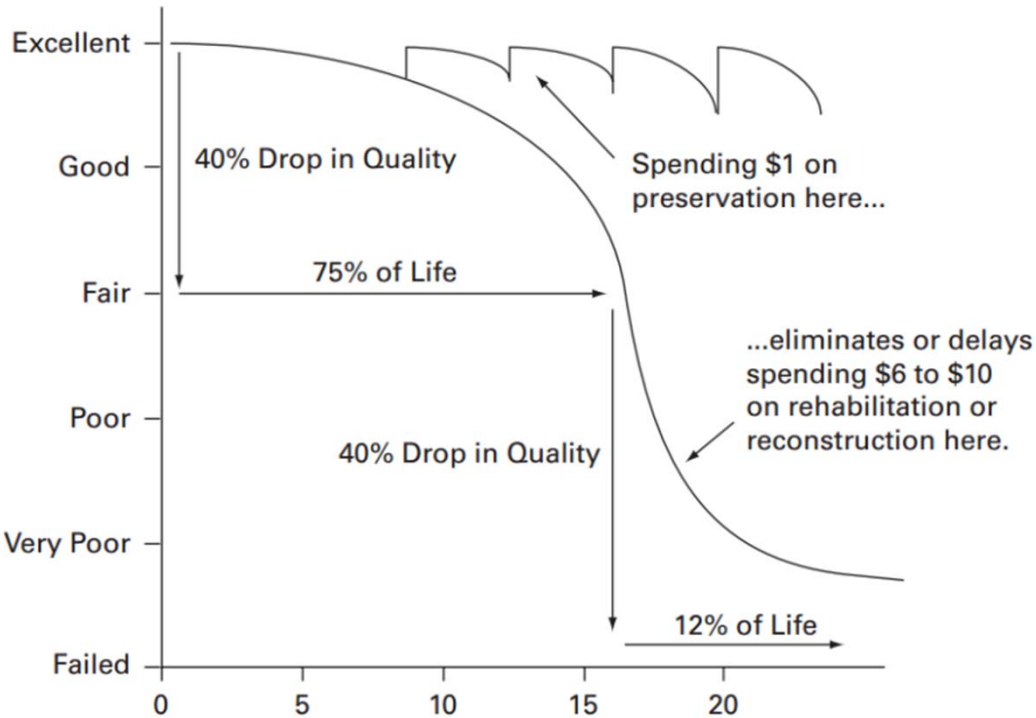
- And……

Pavement Preservation

Town of Oro Valley

- Town continues its commitment for maintaining the best streets in the region
- Annual investment of approximately $2M





- Every public street will get a treatment approximately every 5 years
- Performed by contractors
- Common types of treatments:
  - Fog Seal
  - Slurry
  - SAM – Stress Absorbing Membrane
  - Mill & Repave

Transit Services – RTA/General Fund

Town of Oro Valley

- The Town provides Para-Transit services
- Functions as a dial-a-ride
- Primary duties
  - Provide transportation mobility for seniors, passengers with disabilities and general public
  - Grant administration for vehicle purchases
  - Partners with the Regional Transportation Authority as the primary funding source
- Future Issues
  - Ridership growing
  - Driver recruitment a challenge
  - RTA is set to expire in 2026

Thank You

Questions?

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Town of Oro Valley
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