



TOWN OF PARADISE VALLEY

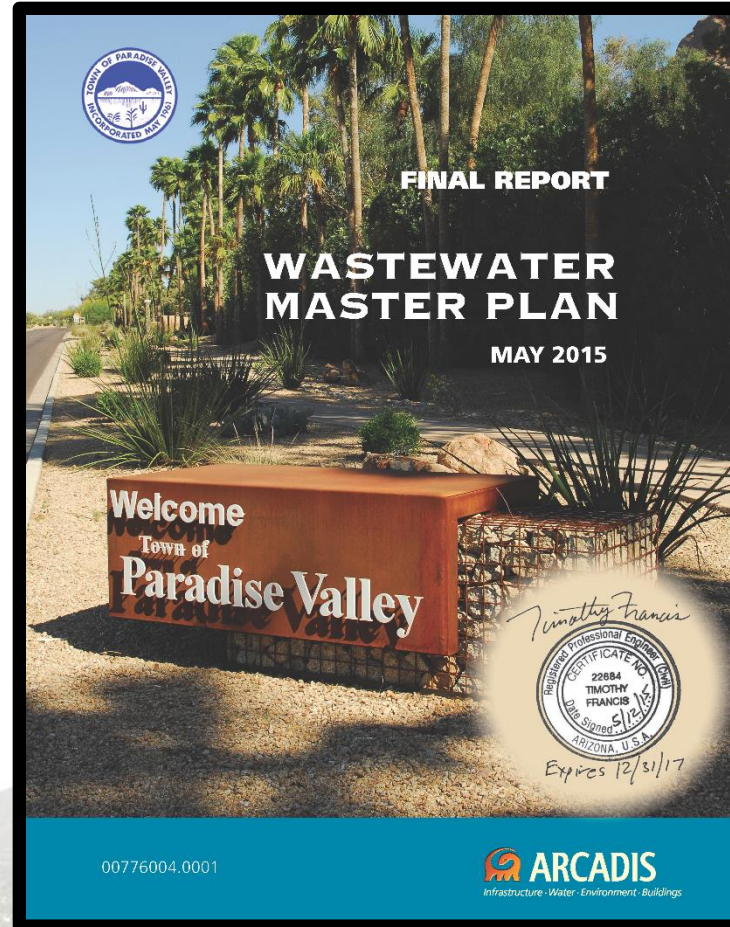
CITY OF SCOTTSDALE

SEWER IGA

February 25th, 2016

PURPOSE

- Sewer 101
- Master Planning
- Current Sewer IGA
- Proposed Sewer IGA
- Financing
- Questions

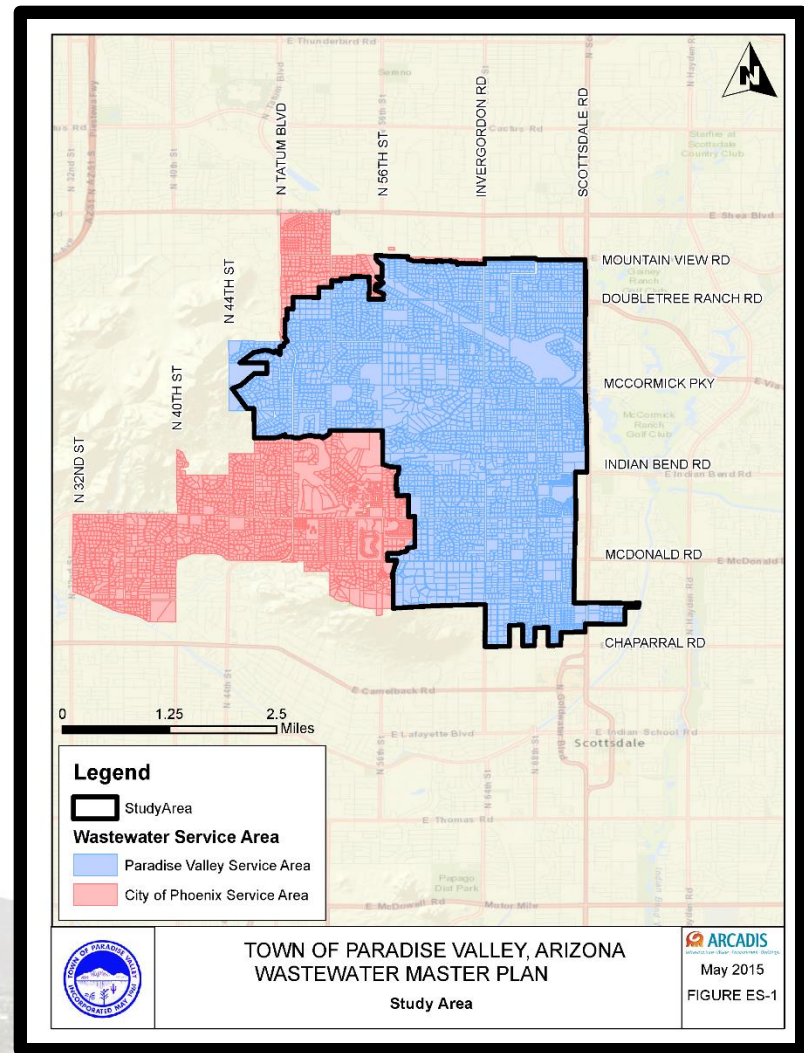


SEWER 101

- Blue = Paradise Valley Service Area
- Red = City of Phoenix Service Area

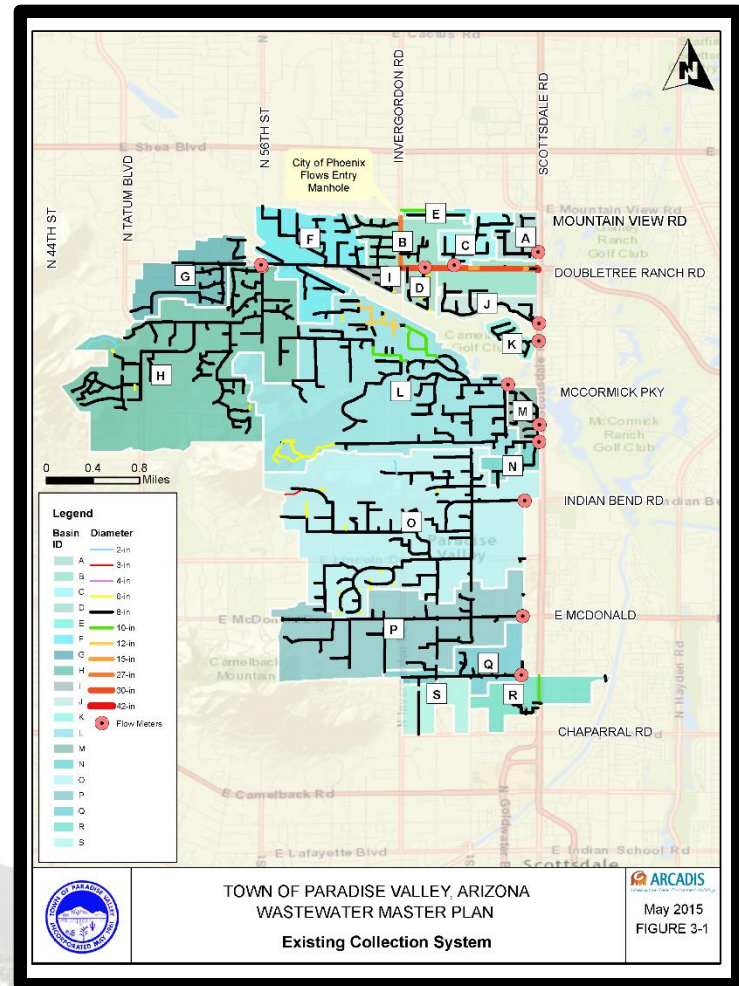


February 25th, 2016



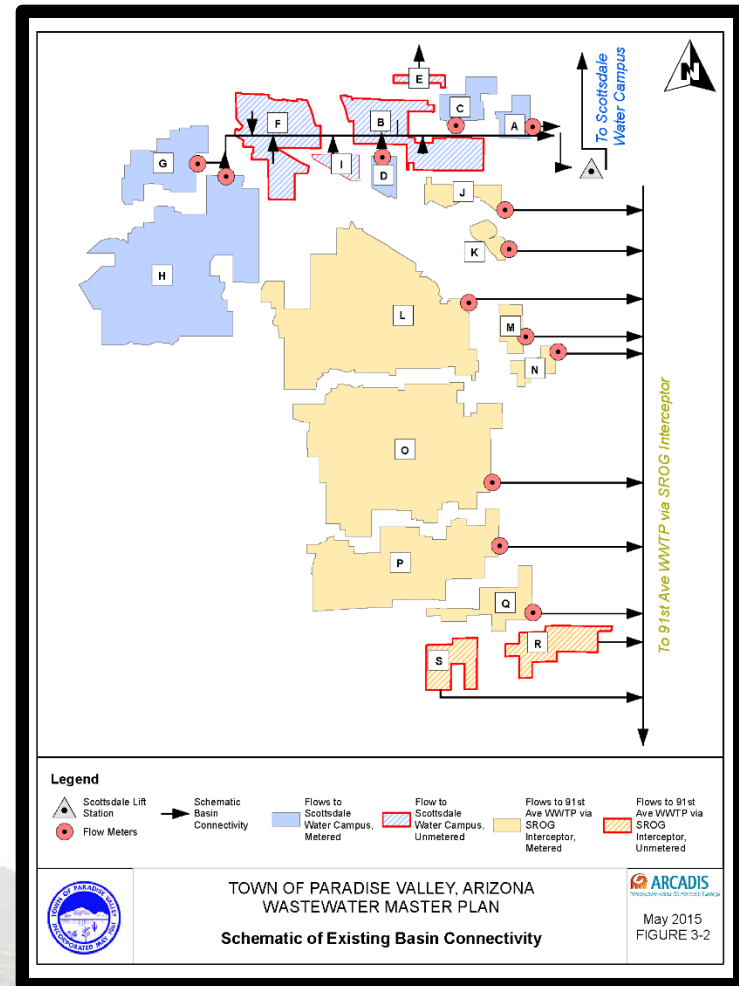
SEWER 101

- Skeletonized Model of the Town's Collection System
- 19 Basins labeled A thru S
- Color coded pipeline sizes
- 13 Metering Locations



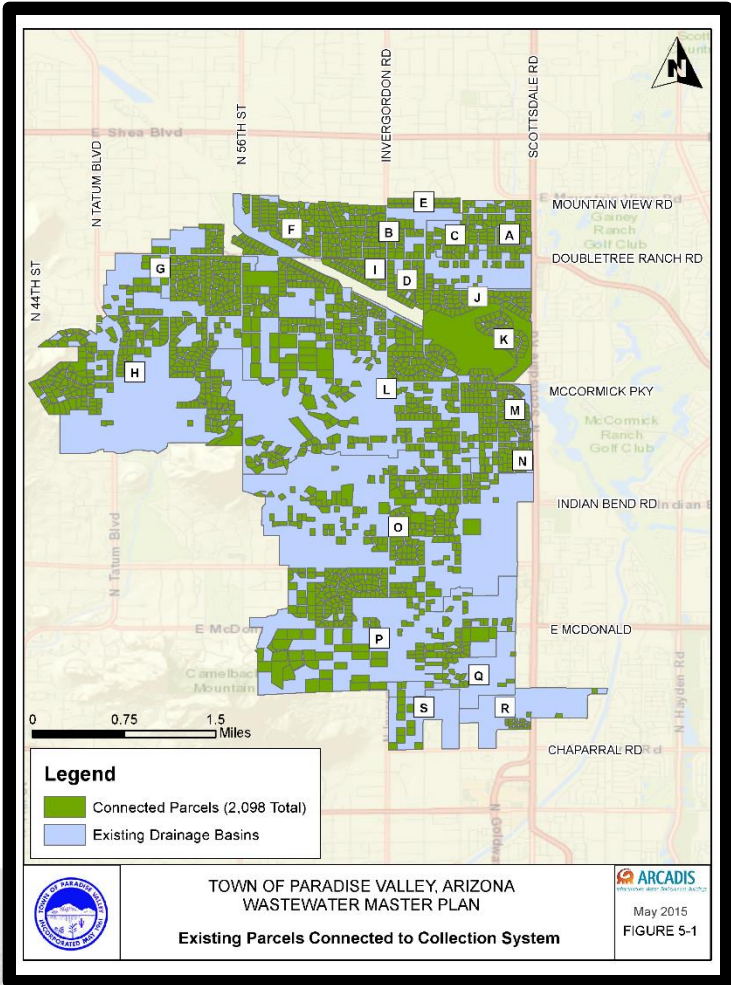
SEWER 101

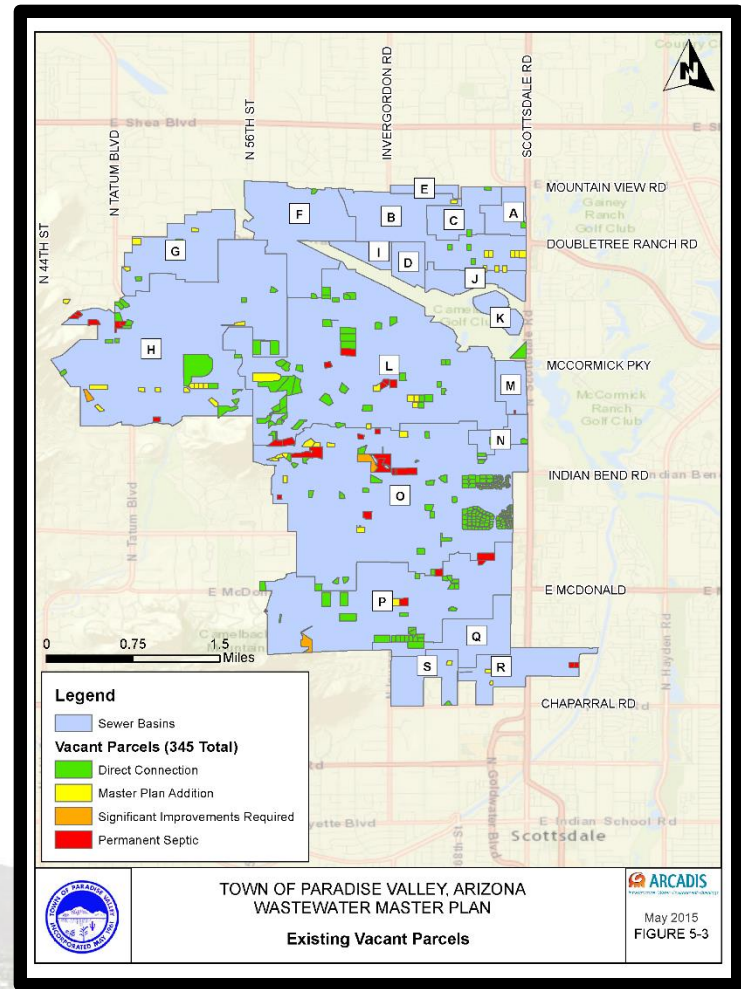
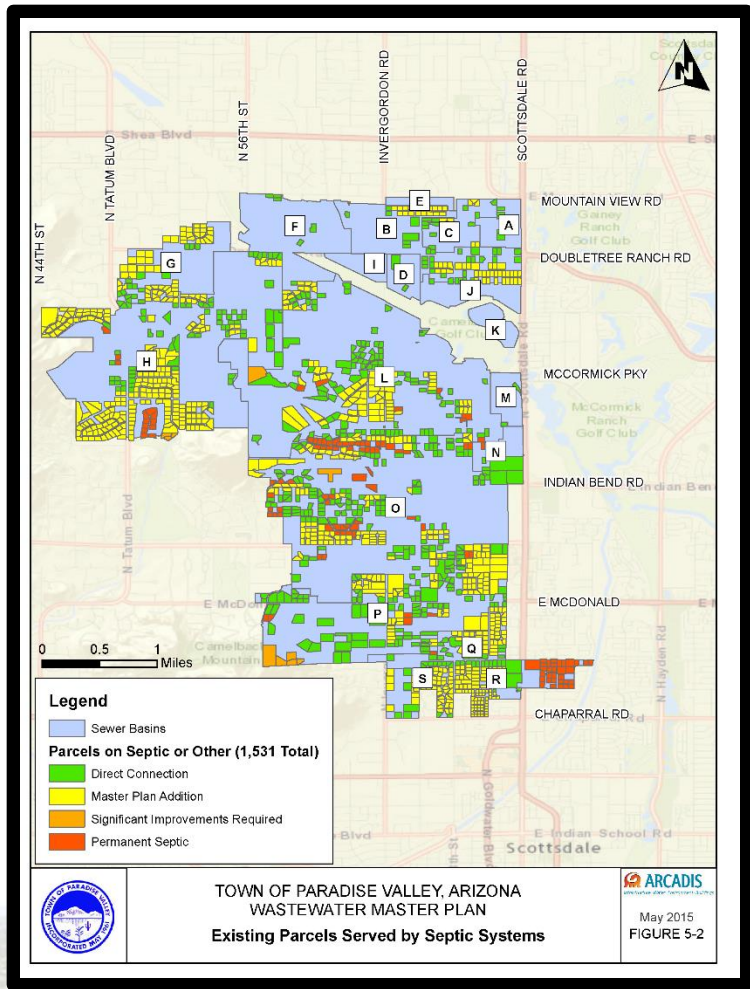
- Town of Paradise Valley System
 - Scottsdale Water Campus
 - 91st Avenue WWTP and SROG Interceptor
- Identifies which basins flow to the Water Campus and which flow to 91st Avenue
- Identifies the metered and unmetered basins



SEWER 101

- **Parcels Connected to Sewer System**
- **Parcels Connected to Septic**
- **Vacant Parcels**



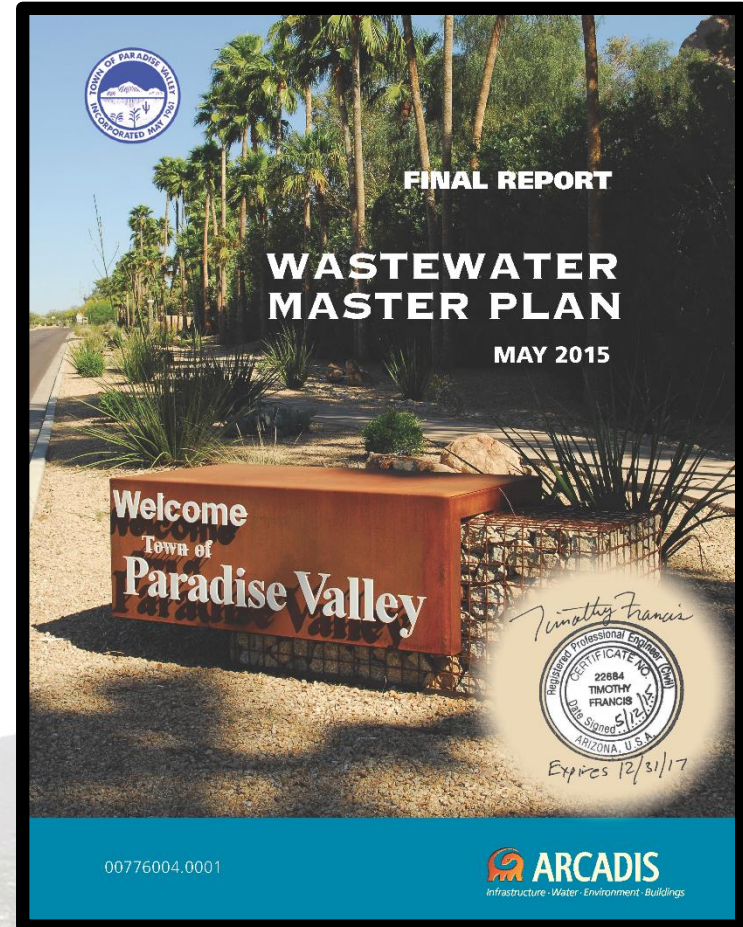


MASTER PLANNING

- City of Scottsdale – Team Member
- Completed in May 2015 by ARCADIS
- Existing Wastewater System
- Existing Wastewater Flows
- Future Wastewater Flow Projections



February 25th, 2016

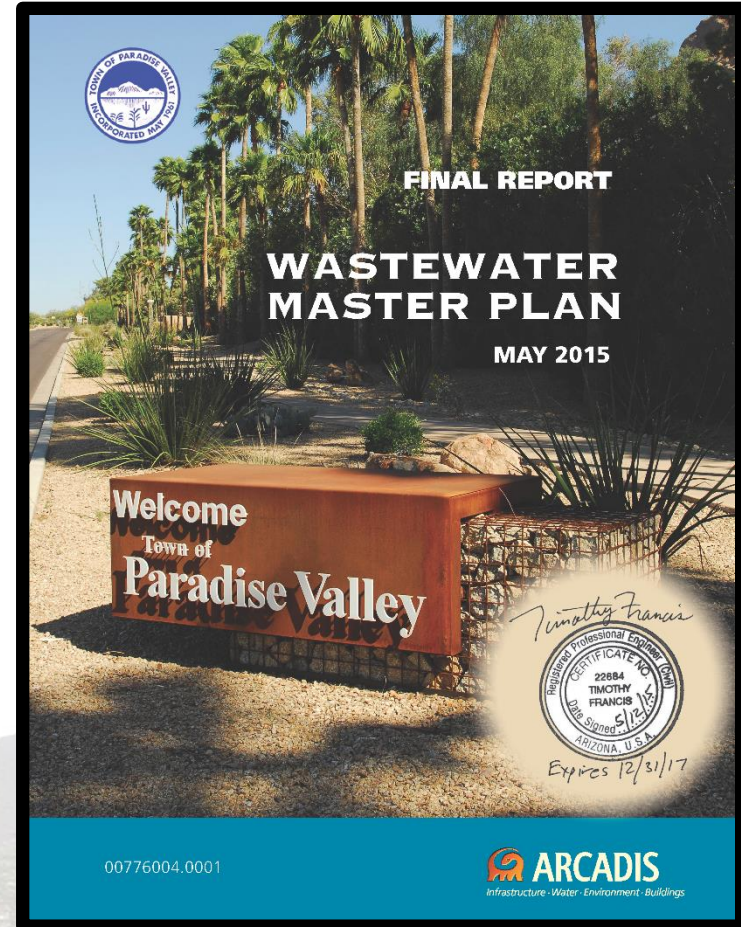


MASTER PLANNING

- Wastewater System Modeling
- Collection System Analysis
- Assessment of Potential for Water Reuse
- Recommended Improvements
 - Complete System Assessment
 - Rehabilitation and Replacement Program



February 25th, 2016



CURRENT - SCOTTSDALE SEWER IGA

- **Original IGA – November 30th, 1998**
 - **880K Gallons Per Day (gpd) Capacity – \$823K on-going in 2000**
 - **2006-Purchased an additional 146,479 gpd - \$4 million one-time**
 - **Total Capacity = 1,026,479 gpd**
 - **Required installation of 13 metering stations**
 - **6 additional drainage basins that would not be metered**
 - **Required the Town to videotape all existing and new sewer lines**
 - **All Wastewater accepted by the City becomes the property of the City**



PROPOSED - SCOTTSDALE SEWER IGA

- **\$3.0M CIP – No Close the System**
 - Remove existing meters
 - 5-year flow monitoring
- **System Assessment**
 - 5-years to complete
 - Done every other 5-years
- **Maintenance of Town's Collection System**
- **Purchase of Future Capacity**
 - Cost = Scottsdale Cost + 10% (No less then \$10 Gallon)



PROPOSED - SCOTTSDALE SEWER IGA

- Rate change eligible once a year
 - Scottsdale Rate plus 10%
- No new infrastructure required
- Pretreatment Program
 - Fats, Oils and Grease (FOG) Inspections
- Review Town's Capacity at 90%



February 25th, 2016



FINANCE

- **Current IGA: approx. \$1.7 million/year for wastewater service**
- **Proposed IGA:**
 - **Approx. \$1.7 million/year for wastewater service & maintenance**
 - **\$234K/year for five years for full sewer system assessment**



FINANCE – PROPOSED IGA

- **Total Residential:** **\$1,644,000**
 - **Total Commercial:** **\$ 38,400**
 - **Sewer Assessment:** **\$ 234,200**
 - **Total Cost:** **\$1,914,600**
-
- **Future rate increases consistent with those for all Scottsdale customers**



NEXT STEPS

- **The Draft IGA is Complete**
- **Legal Review in Process**
- **Council Adoption – April / May 2016**
 - **Paradise Valley**
 - **City of Scottsdale**



THANK YOU!

Questions?

