

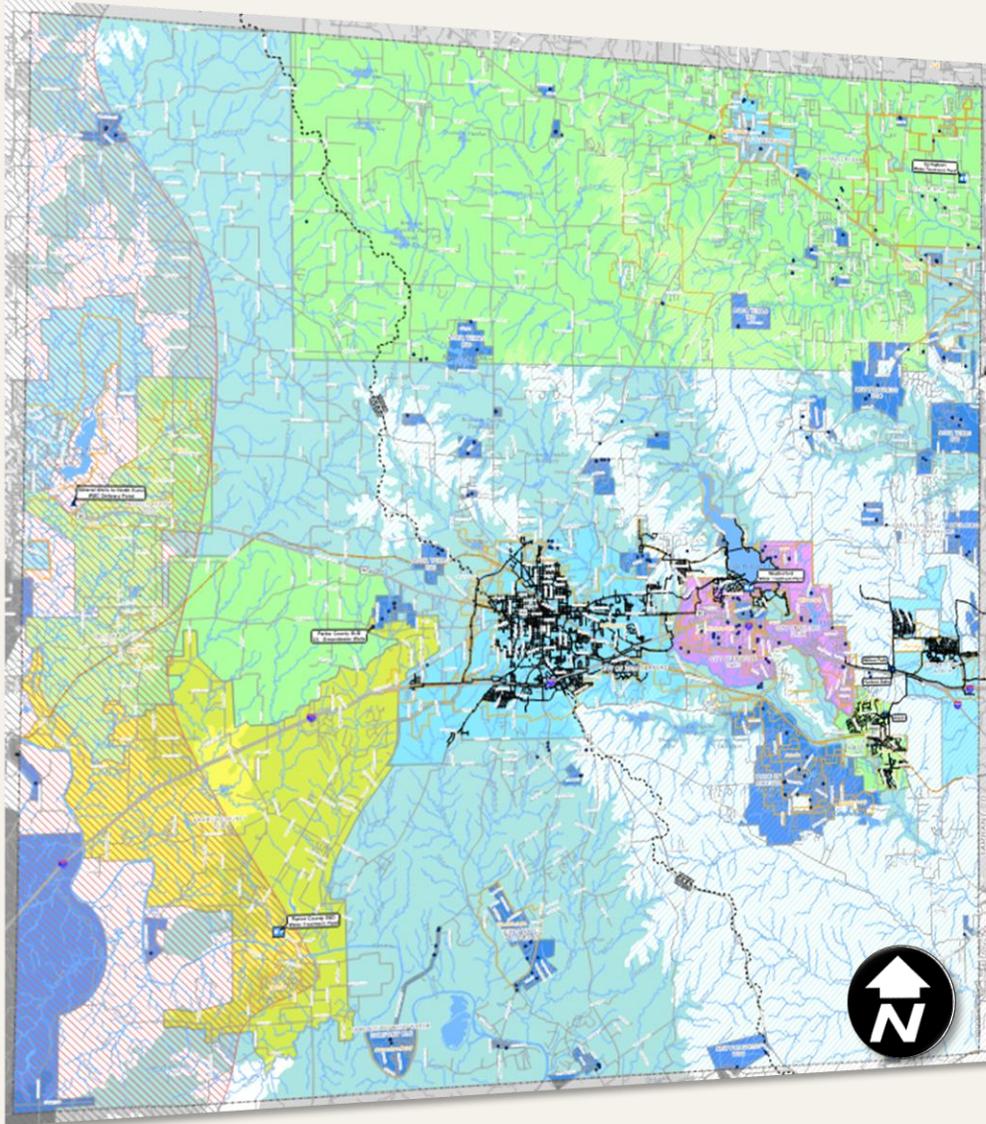


Parker County Water Supply Initiative

February 24, 2026

Willow Park

Overall Study Goal



*Develop a solution to address **short-term and long-term** water needs for Parker County*

Water Study Scope

Evaluation of
Water District
Alternatives

PUA Formation
Support

Demand and
Supply
Projections

Assessment of
Water Supply
Needs

Public
Engagement

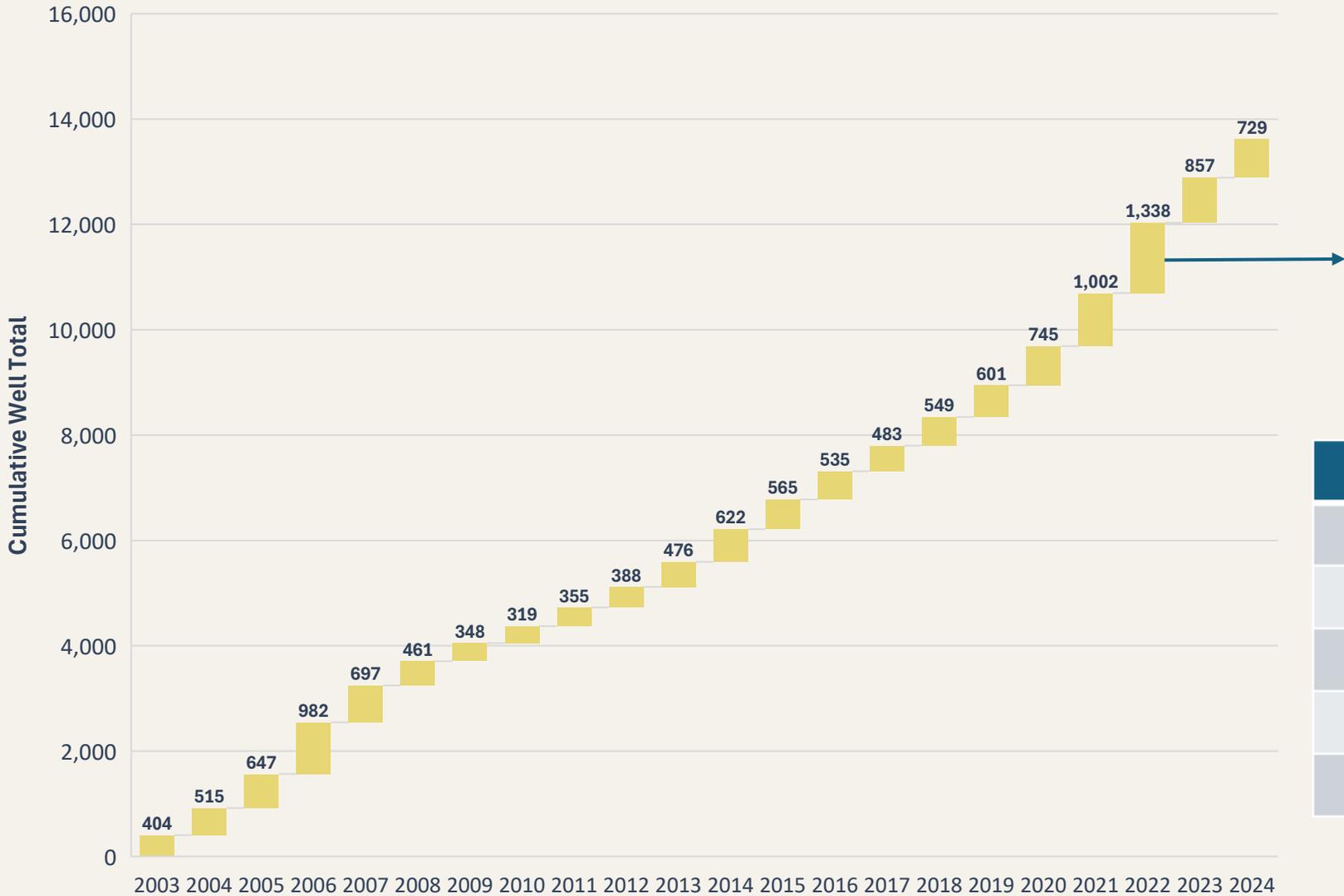
Development of
Supply
Alternatives

Regional Supply
and
Transmission
System Planning

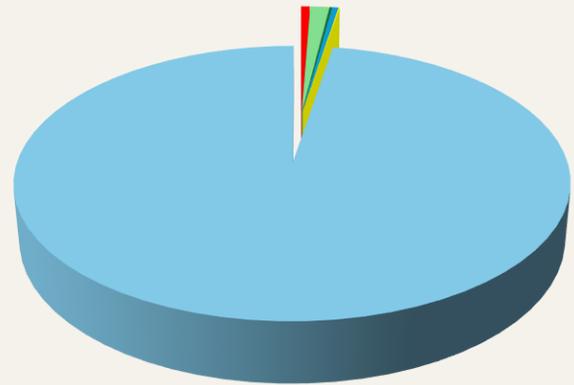
Funding Support
and Financial
Evaluation

Parker County Water Wells

Water Wells Completed - 2003 through 2024



Well Type (2022)



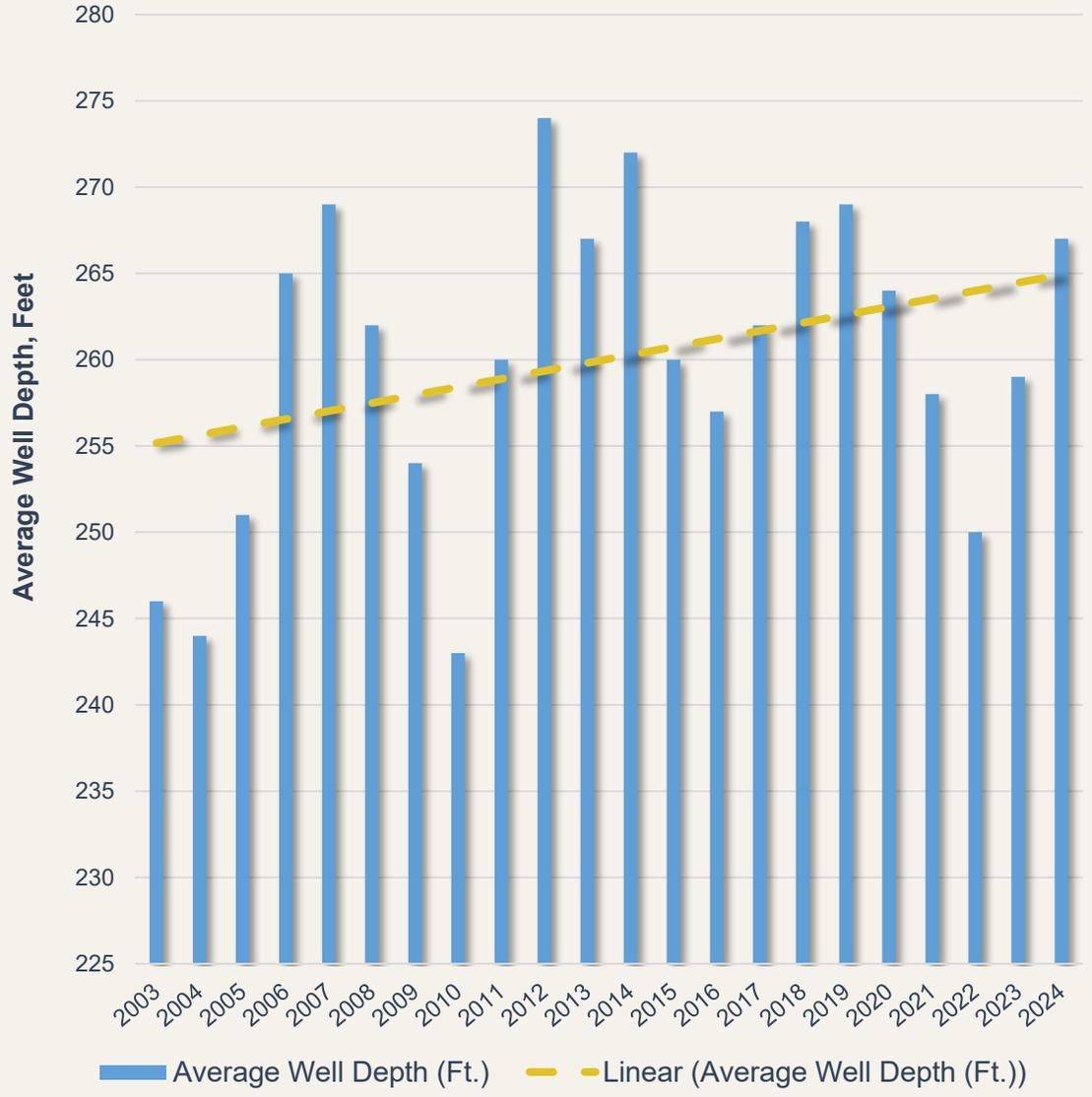
- Public Supply (8)
- Stock (18)
- Other (2)
- Irrigation (6)
- Industrial (1)
- Domestic (1,303)

County	Well Count (2003 – 2024)
Parker	13,618
Wise	6,808
Montague	2,632
Bell	1,287
Williamson	3,311

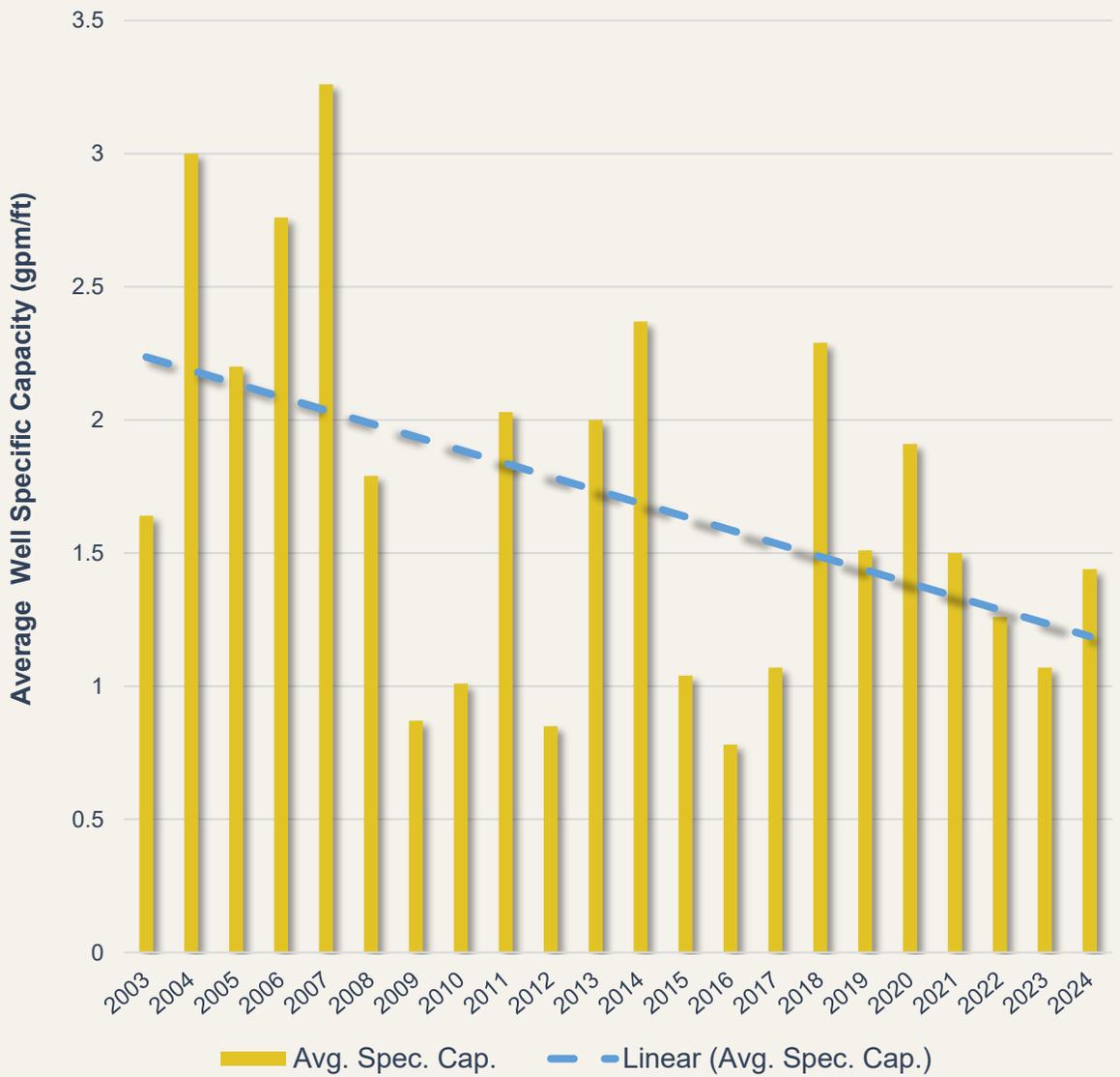
Well Depth vs. Performance

**Specific Capacity is a measure of the productive capacity of a well calculated as gallons per minute divided by drawdown (gpm/ft)*

Average Well Depth



Average Specific Capacity*



Regional Collaboration Considerations



Water Supply Challenges

- Groundwater Trajectory Not Sustainable
- Lack of Easy/Short-term Supply Options
- Scarcity of Water



Cost and Funding Challenges

- Escalating Construction Costs
- Costs Prohibitive for Single Entity Solutions



Economic Development Impacts

- Lack of Water Supply Could Limit Growth



Barriers to Working Collaboratively

- No Existing Structure



Regional Entity Options

Consideration	Public Utility Agency	Water District
Creation Process	Concurrent Ordinances of Public Entities	Legislation / Local Bill
Governance	Board of Directors <i>Appointed by Participating Public Entities</i>	Determined by Legislation; however, a district with taxing authority must have elected Board members
Boundaries/ Members	Members Added or Removed by Concurrent Ordinances; boundaries of Agency follow boundaries of Participating Public Entities	Determined by Legislation; however, boundaries of a district with taxing authority must follow Landowner petition process
Taxing Authority	No	Determined by Legislation
Debt Issuance	Yes; revenue debt <i>(TWDB funding eligible!)</i>	Determined by Legislation
Eminent Domain	Yes, but not for water rights	Determined by Legislation
Public Bidding	Yes over \$20K <i>(with advertising requirements)</i>	Determined by Legislation

PUA Involvement

✓ ***Eligible for membership and Board position:***

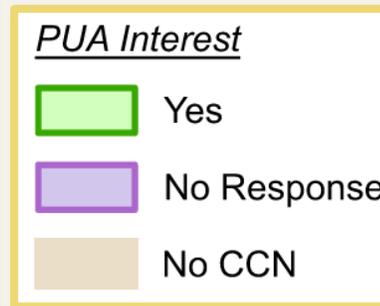
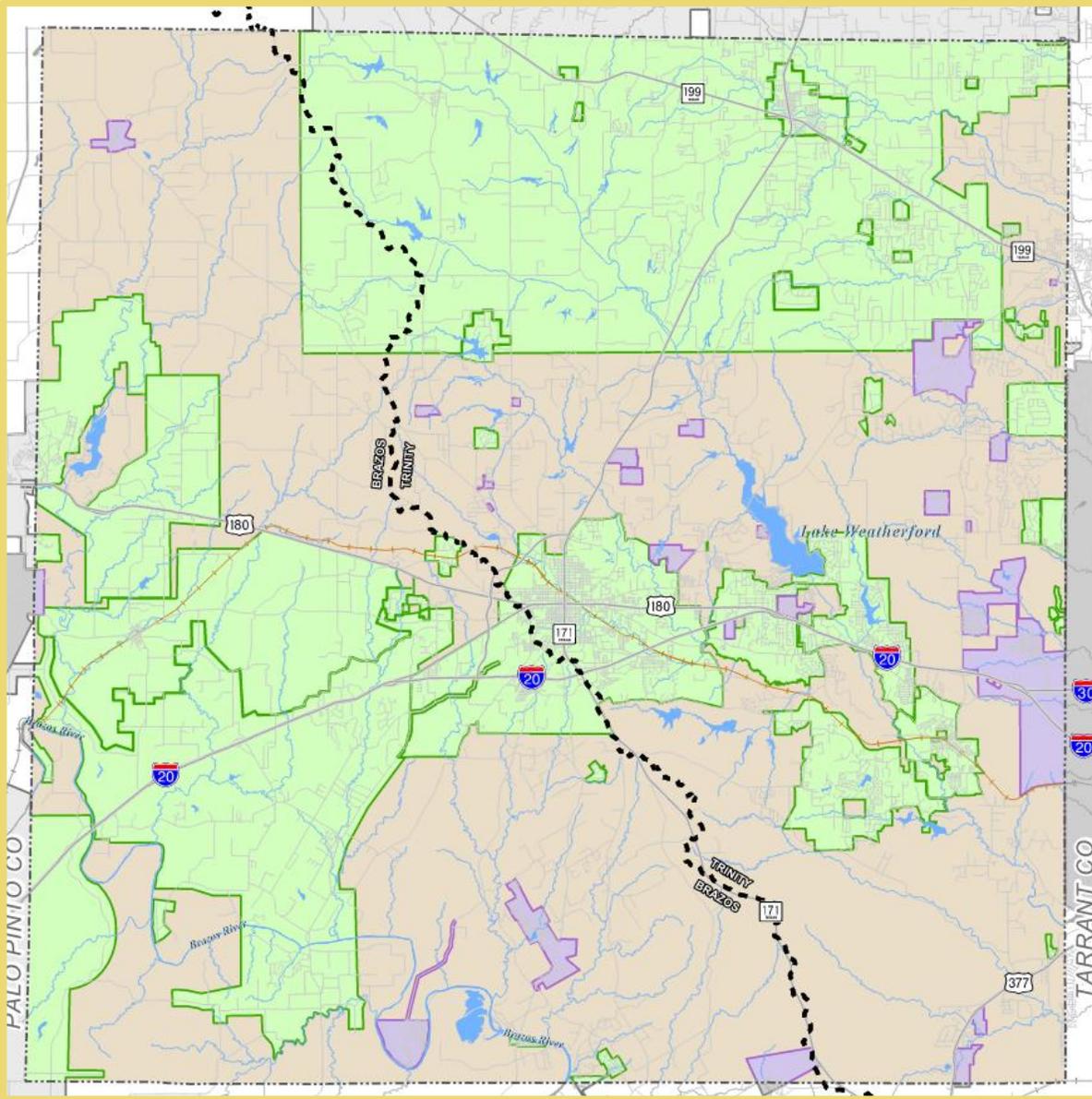
- Publicly owned PWSs
- Municipalities
- Counties

★ ***Not eligible for membership; may hold ex-officio position and contribute with ILAs***

- IOUs (may contract for water)
- Other non-contracting entities

Benefits and Challenges for the PUA

- Efficiencies and Economies of Scale
- Providing Administrative Support
- Implementing and Financing Water Supply Strategies and Increased Funding Options
- Planning for Undeveloped and Unincorporated Areas



PUA Framework Considerations



Membership

**Wholesale
vs. Retail**



Governance

Powers



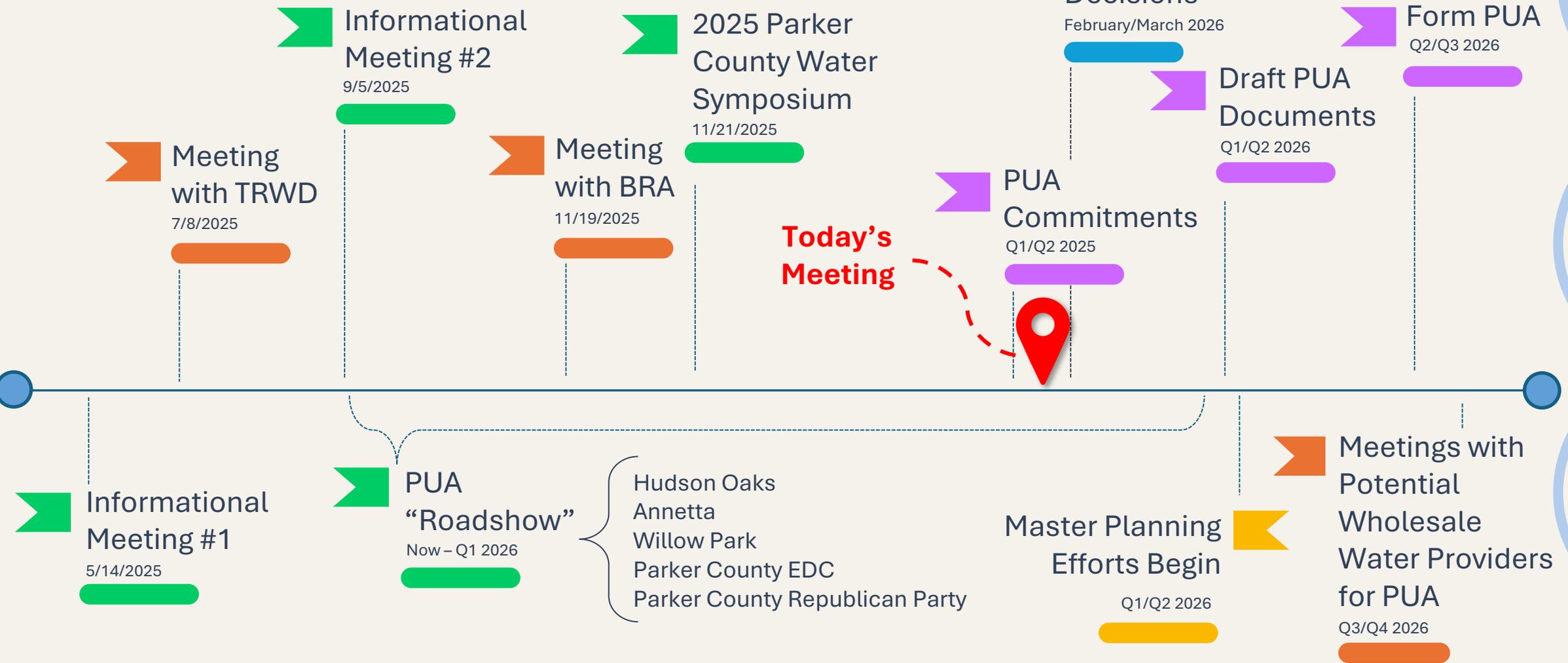
**Source of
Funding**



Staffing



Overall Study Timeline



Ordinance & ILA Considerations



Ordinance

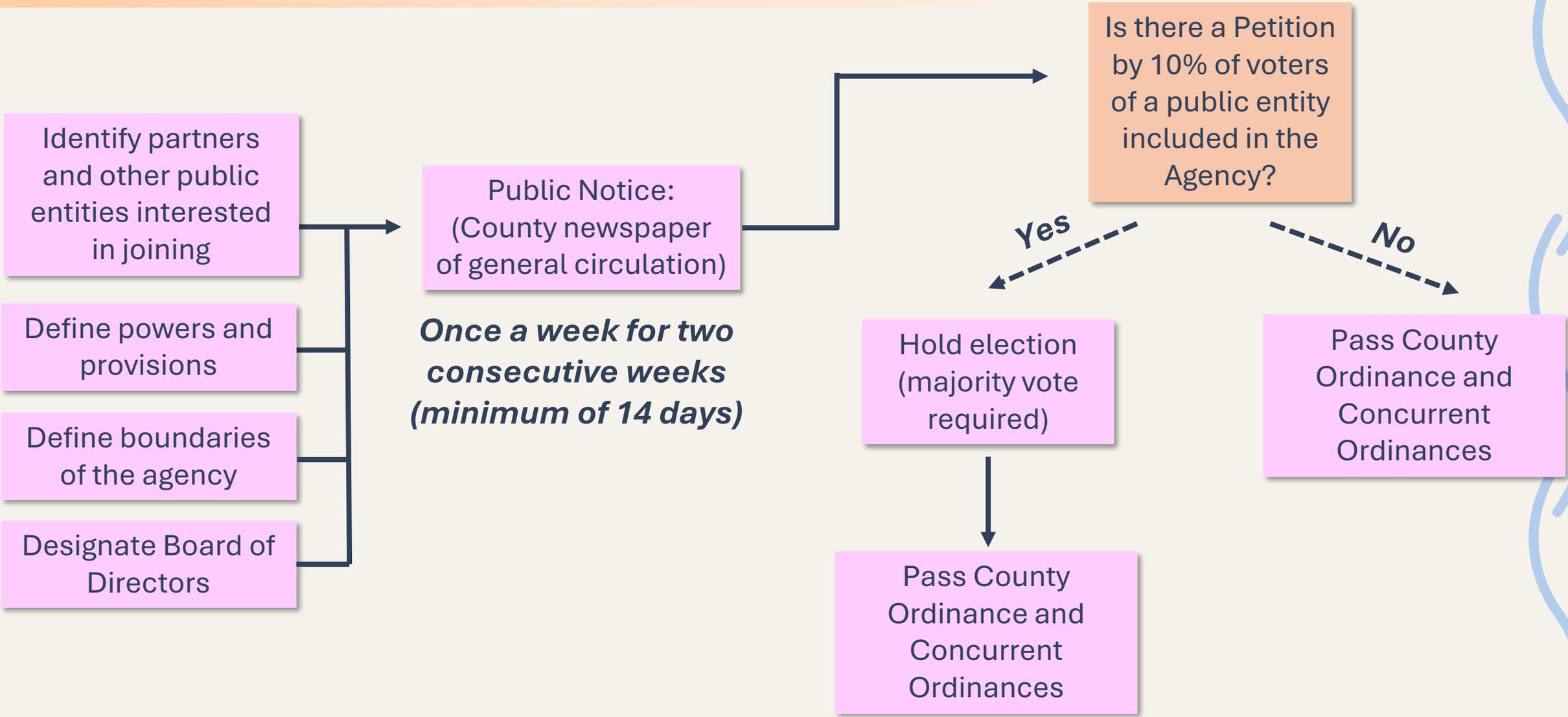
- Participating Entities & Boundaries/Service Area
- Board Membership, Requirements, Qualifications and Terms
- Board Positions and Procedures
- Agency Powers
- Voting
- Fiscal Year



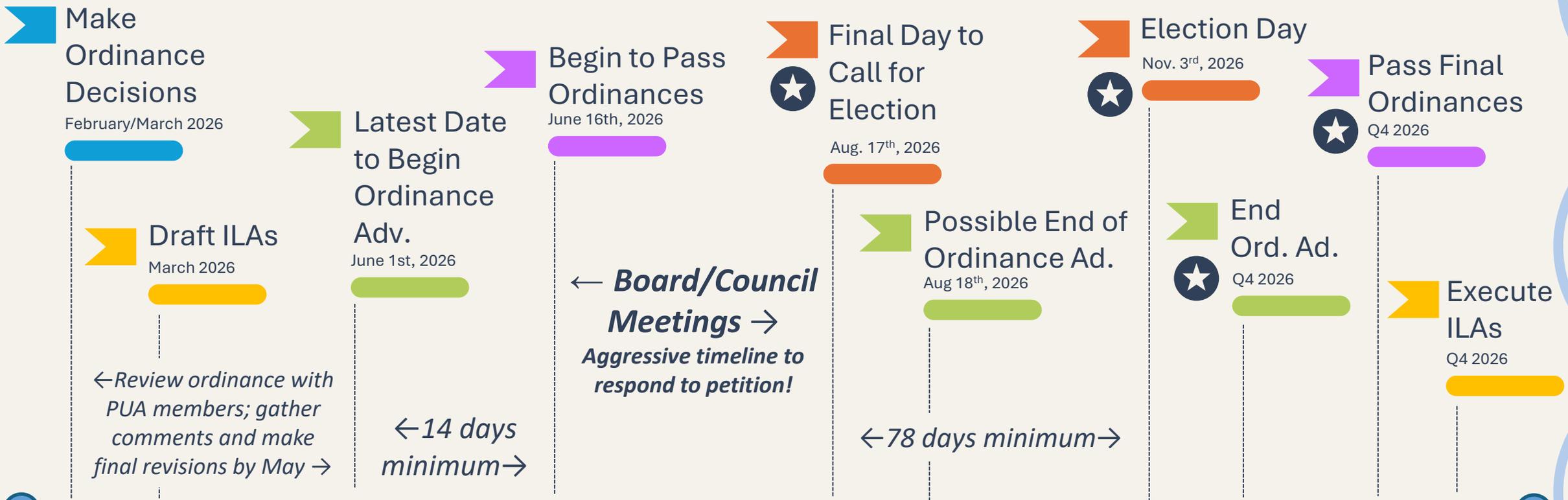
Interlocal Agreement

- Cost Sharing for Initial Funding
- Term of Agreement
- Fiscal Agent

PUA Formation



PCPUA Formation Timeline



Only applies to entities that receive a petition by at least 10% of voters

Questions?

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<https://www.parkercountywaterplan.com>