



WILMINGTON & BALTIMORE AVENUES

Streetscape & Utility Undergrounding

PROJECT SCHEDULE & FUNDING

PRESENTATION TO MAYOR AND COMMISSIONERS

December 16, 2022

Presented by: 



PROJECT AREA



MASTER SCHEDULE & FUNDING

JMT Scope of Work:

1. Develop Master Project Schedule
 - Establish procurement requirements.
 - Establish design schedule.
 - Obtain estimated schedules from utility owners.
 - Establish construction phasing.
 - Establish estimated schedule for construction – utility undergrounding and streetscape
2. Research Potential Funding Sources.



PROJECT SCHEDULE & COST

CONSTRUCTION PHASING

Phase 1

Baltimore Ave and
Wilmington Ave –
Boardwalk to 1st Street



CONSTRUCTION PHASING

Phase 2

Baltimore Ave and
Wilmington Ave – 1st
Street to 2nd Street



PROJECT SCHEDULE DEVELOPMENT

Included in Design and Construction Schedule:

- Undergrounding of aerial utilities
- Watermain/water service upgrades and replacements
- Sewer rehabilitation
- Streetscaping elements (streets, sidewalks, plazas)



PROJECT SCHEDULE DEVELOPMENT

Parameters and Assumptions:

- Assumes funding available.
- Construction Restricted Period – May 15 to September 15
- Baltimore Ave and Wilmington Ave – proceed concurrently one block at a time.
 - Bid each phase as independent contracts.
- Streetscaping and utility undergrounding work under control of general contractor (utility work by utility owners happens concurrently).
- No delays for obtaining right-of-way or right-of-entry from property owners to underground utility services.
- No permitting or NEPA studies required.

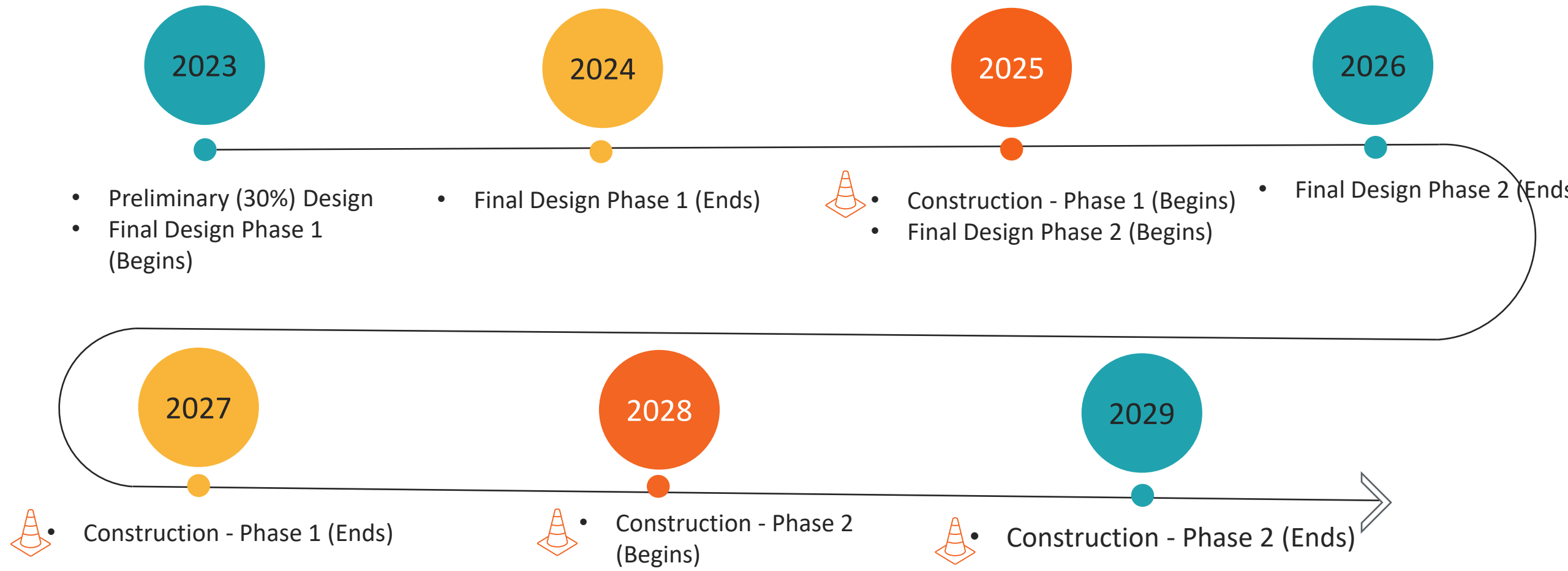
PROJECT SCHEDULE DEVELOPMENT

Items that could impact schedule:

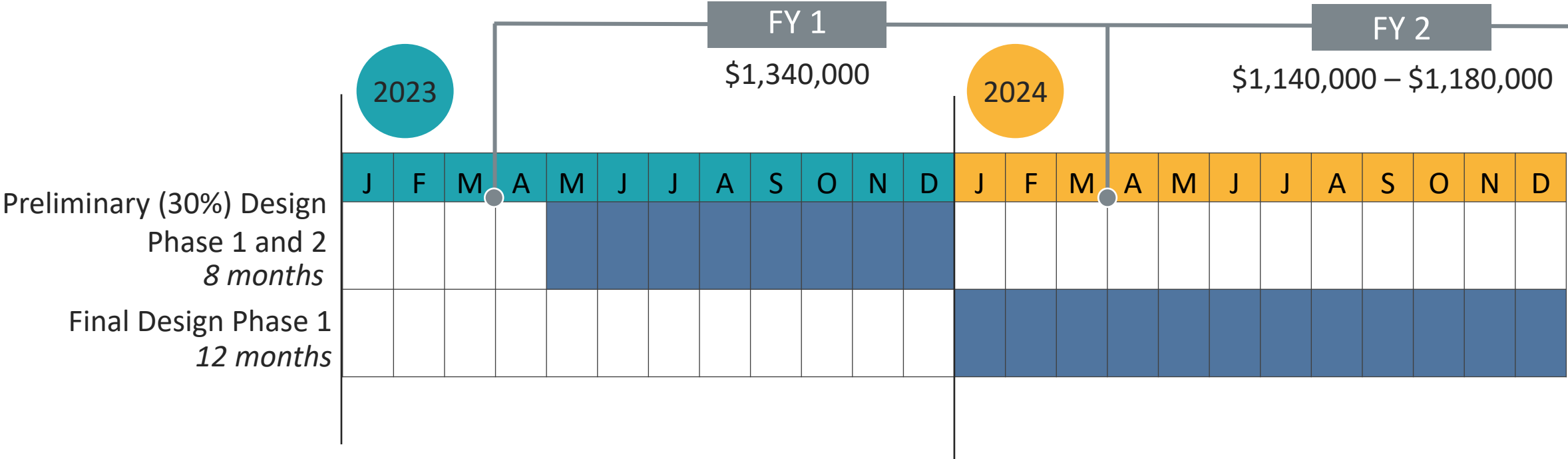
- Potential delays for obtaining right-of-way or right-of-entry from property owners to underground utility services.
- Delays from utility owners.
- Federal funding could require additional NEPA studies.
- Supply chain delays.



PROJECT SCHEDULE OVERVIEW – 7 YEARS




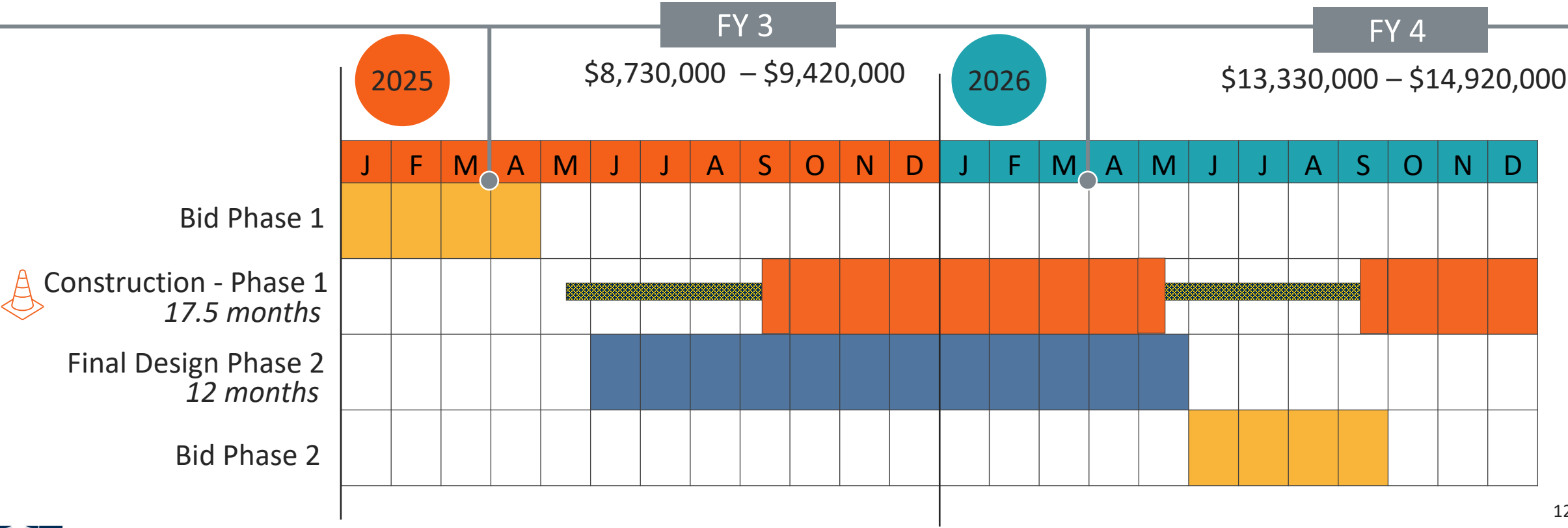
PROJECT SCHEDULE



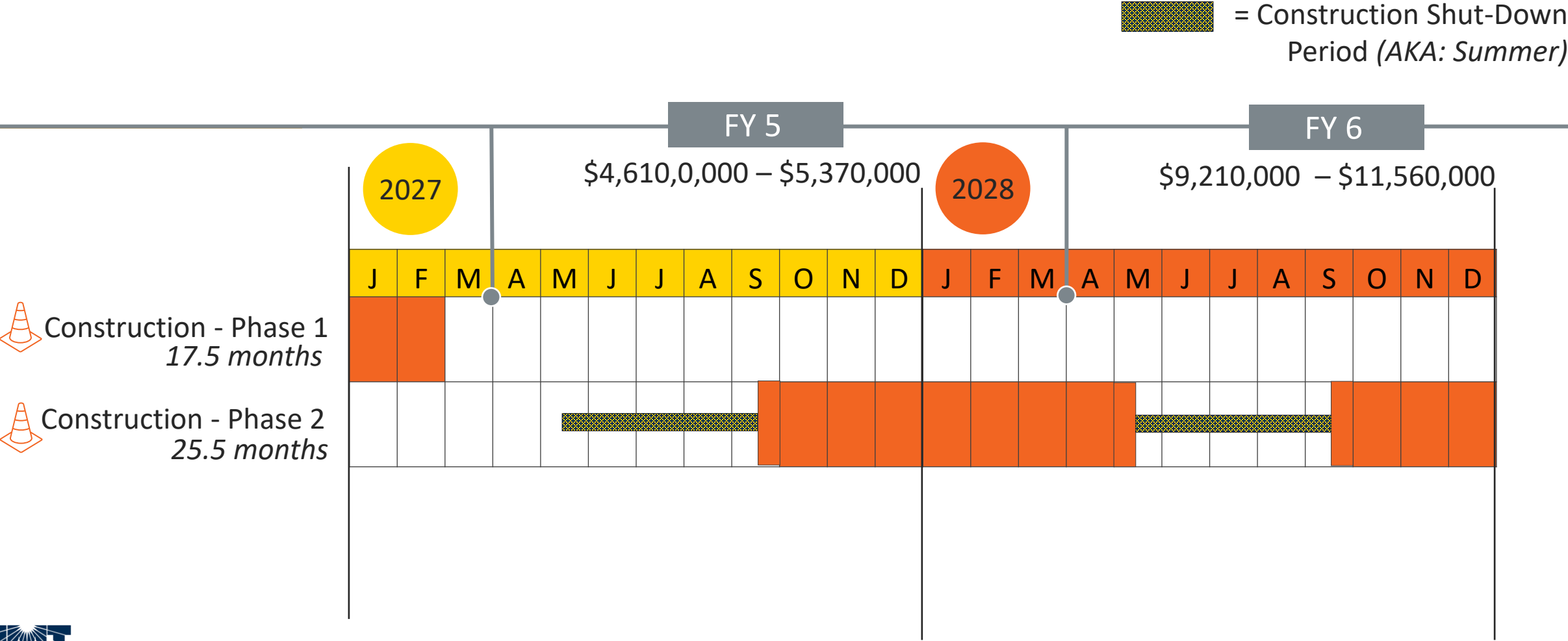
Note: Public information workshops will occur during design.

PROJECT SCHEDULE – CONTINUED

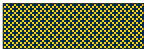
 = Construction Shut-Down Period (AKA: Summer)




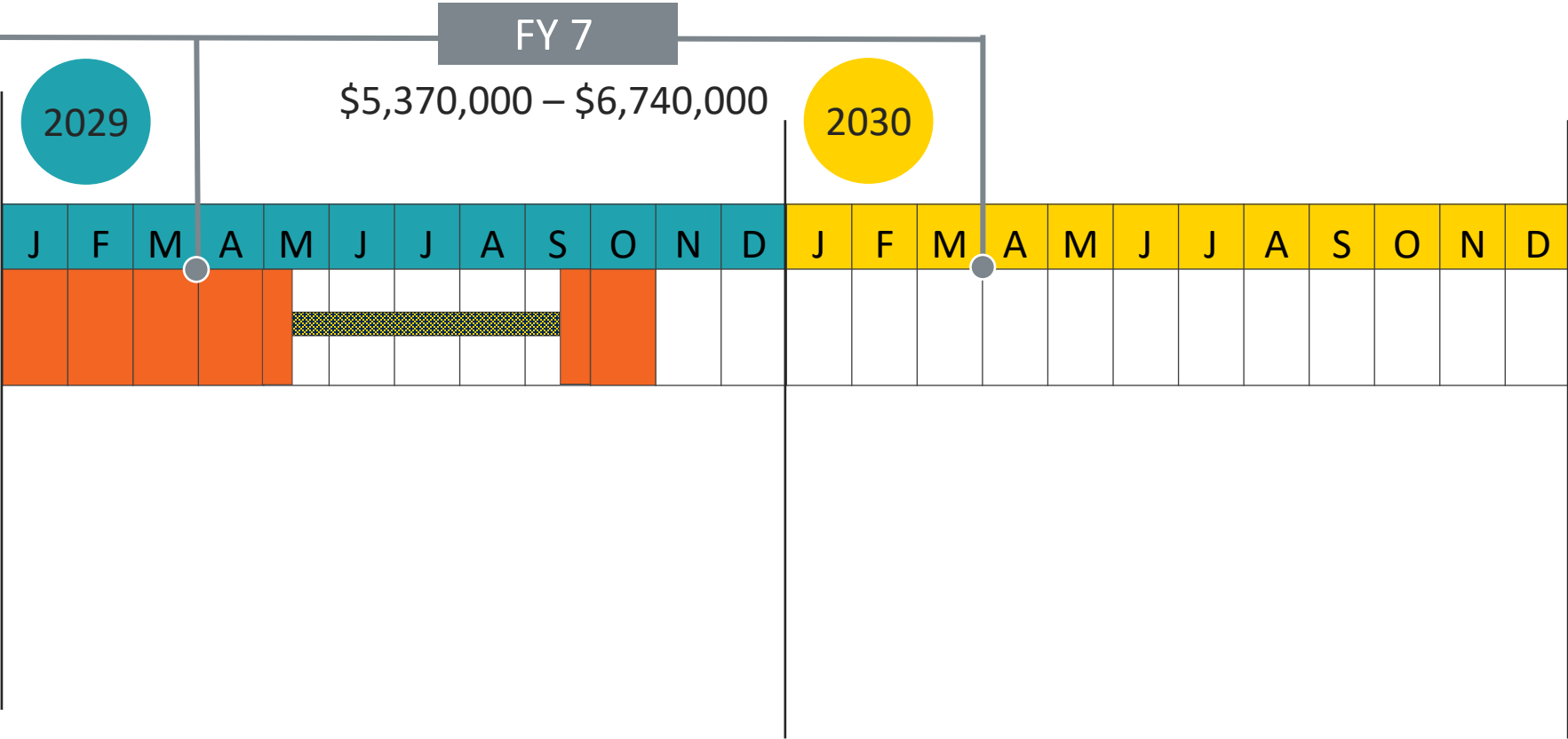
PROJECT SCHEDULE – CONTINUED



PROJECT SCHEDULE – CONTINUED

 = Construction Shut-Down Period (AKA: Summer)

 Construction - Phase 2
27 months



ESTIMATED PROJECT COST

Estimated Project Cash Flow Including Inflation Adjustments:

(4% Inflation)

COSTS PER FY				
FY	Project Cost	Design	Construction	
			Phase 1	Phase 2
FY 24	\$ 1,340,000	X		
FY 25	\$ 1,140,000	X		
FY 26	\$ 8,730,000	X	X	
FY 27	\$ 13,330,000	X	X	
FY 28	\$ 4,610,0,000			X
FY 29	\$ 9,210,000			X
FY 30	\$ 5,370,000			X
\$ \$43,740,000				

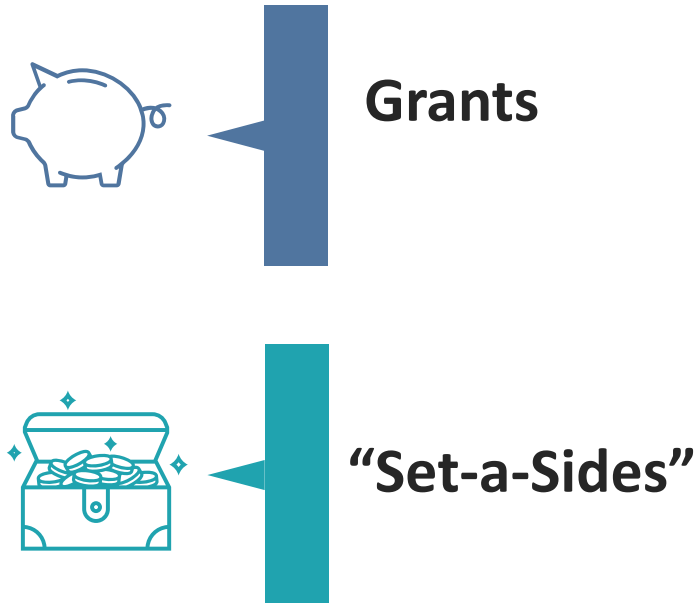
(8% Inflation)

COSTS PER FY				
FY	Project Cost	Design	Construction	
			Phase 1	Phase 2
FY 24	\$ 1,340,000	X		
FY 25	\$ 1,180,000	X		
FY 26	\$ 9,420,000	X	X	
FY 27	\$ 14,920,000	X	X	
FY 28	\$ 5,370,000			X
FY 29	\$ 11,560,000			X
FY 30	\$ 6,740,000			X
\$ 50,530,000				

FUNDING RESEARCH

OTHER FUNDING EXPLORED

State and Federal Funding Sources explored.



STATE GRANTS

DeIDOT Grant

- DeIDOT Transportation Alternative Program (TAP)
 - Eligible Activities:
 - Installing sidewalks
 - Preserving historic areas
 - Renovating streetscapes
 - Installing lighting and crosswalks/safety counter measures geared to pedestrian or bike safety or streetscape enhancement
 - Streetscape landscaping
 - Environmental mitigation related to stormwater and habitat connectivity.
 - Climate/resiliency improvements to address extreme weather events
 - Key Requirements:
 - PE Design and construction is **capped at \$1M.**
 - 20% match requirement
 - **Grant cycle closed in September 2022 for projects in 2023 award cycle**



Grant



FEDERAL GRANTS

FEMA Grant

- Building Resilient Infrastructure and Communities (BRIC)
 - Eligible Activities:
 - Utility/Infrastructure Protection – hardening assets against climate/extreme weather events.
 - Key Requirements:
 - **Need to confer with Regional Office to determine eligibility of undergrounding utilities owned by a utility – and match requirements.**
 - 25% match requirement
 - **FY 2022 Application Period**
 - Opened September 30, 2022
 - Closes January 27, 2023



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STATE SET-A-SIDES

Other Potential State Funding

- Community Transportation Funds
 - Local transportation projects selected by State Legislators
 - Typically, smaller transportation projects
 - (Last sessions each State Legislator had \$350,000 total to allocate)



“Set-a-Side”

STREETSCAPE FUNDING SOURCES AND USES

STREETSCAPE FUNDING SOURCES AND USES

- **Annual Capital Budget**
 - Current Fiscal Year Capital Budget is \$6.4M
- **Reserve Cash Transfer Tax**
- **Sewer Impact Fee**
- **Water Cap Fees**
- **Loan**
 - 20% remaining
- **Other Taxes and Fees**





QUESTIONS?