



Transportation Research Board Future Interstate Study

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March 27, 2017

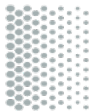


FDOT SWAT Process

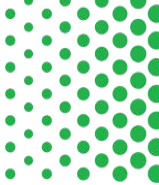
FDOT Developed the Statewide Acceleration Transformation (SWAT) Project management approach, benefits ALL state funded and FHWA funded projects to accelerate project delivery

Key components:

- Identify if will be state-only or FHWA funded project
- Identify anticipated project complexities and issues early (during planning)
- Conduct pre-PD&E analysis (example, traffic, preliminary environmental review)
- Develop informed Scope for PD&E consultant services
- Overlap design activities with PD&E to maximum extent, at least 60%, aspire to 75% plans



Roadmap to SWAT Implementation



START

Streamlining initiative-
Letter from
FDOT Secretary

FDOT Quick Guide

- Initial guidance on SWAT

1st SWAT Projects

- State Funded
- Schedule Dashboard
- Lessons learned

SWAT Process

- Now its BOTH State and Federal
- Process refined
- In PD&E Manual
- NEPA Assignment
- Dashboard in SWEPT

HERE WE ARE:
SWAT Pilot
Training and
Implementation
Workshop

- Evolution of SWAT
- Draft SWAT Training Workbook
- District input
- Where are we going?

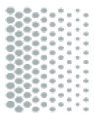
District's Training in 2017

- Practitioners and all

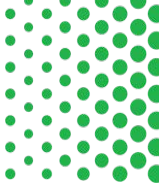
100% Implemented!

- Living process
- Continue adaptations

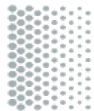
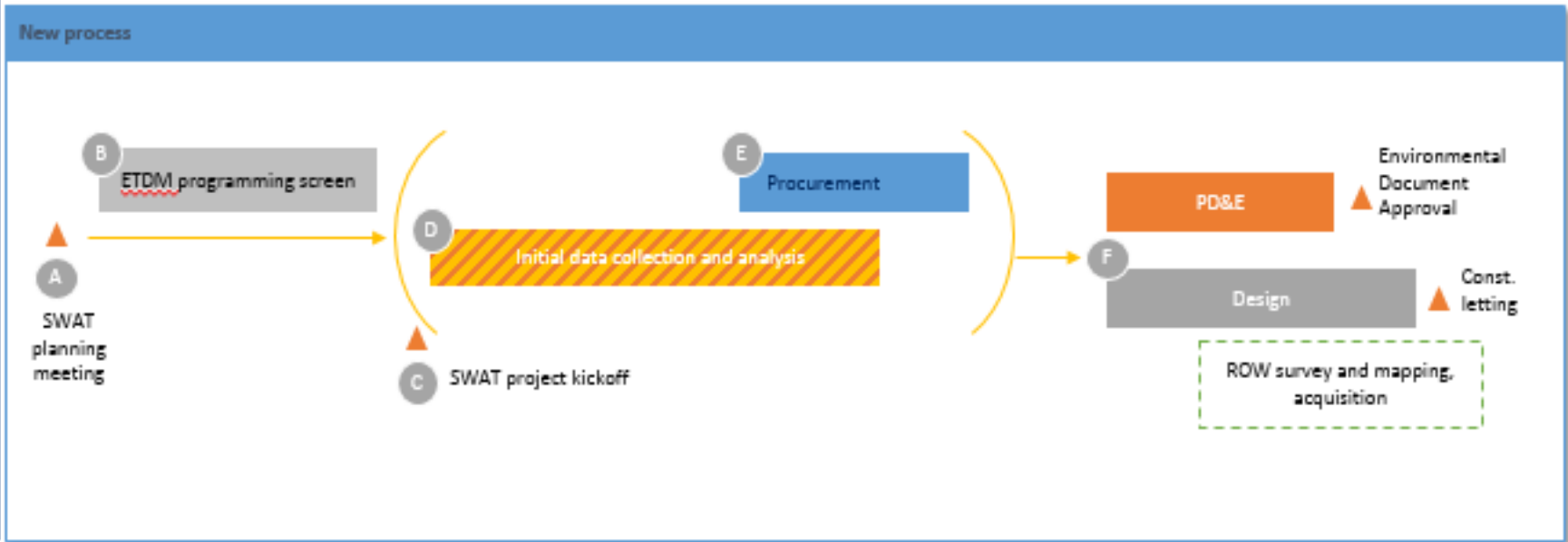
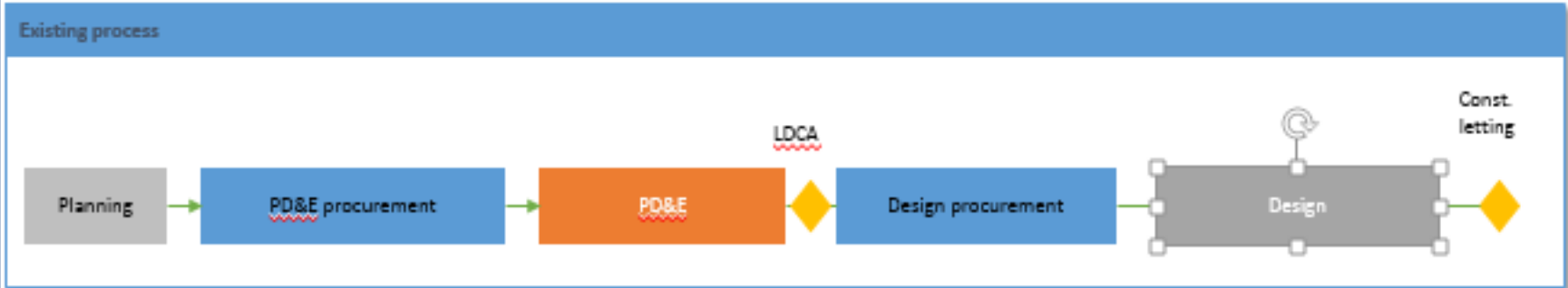
FINISH



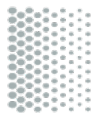
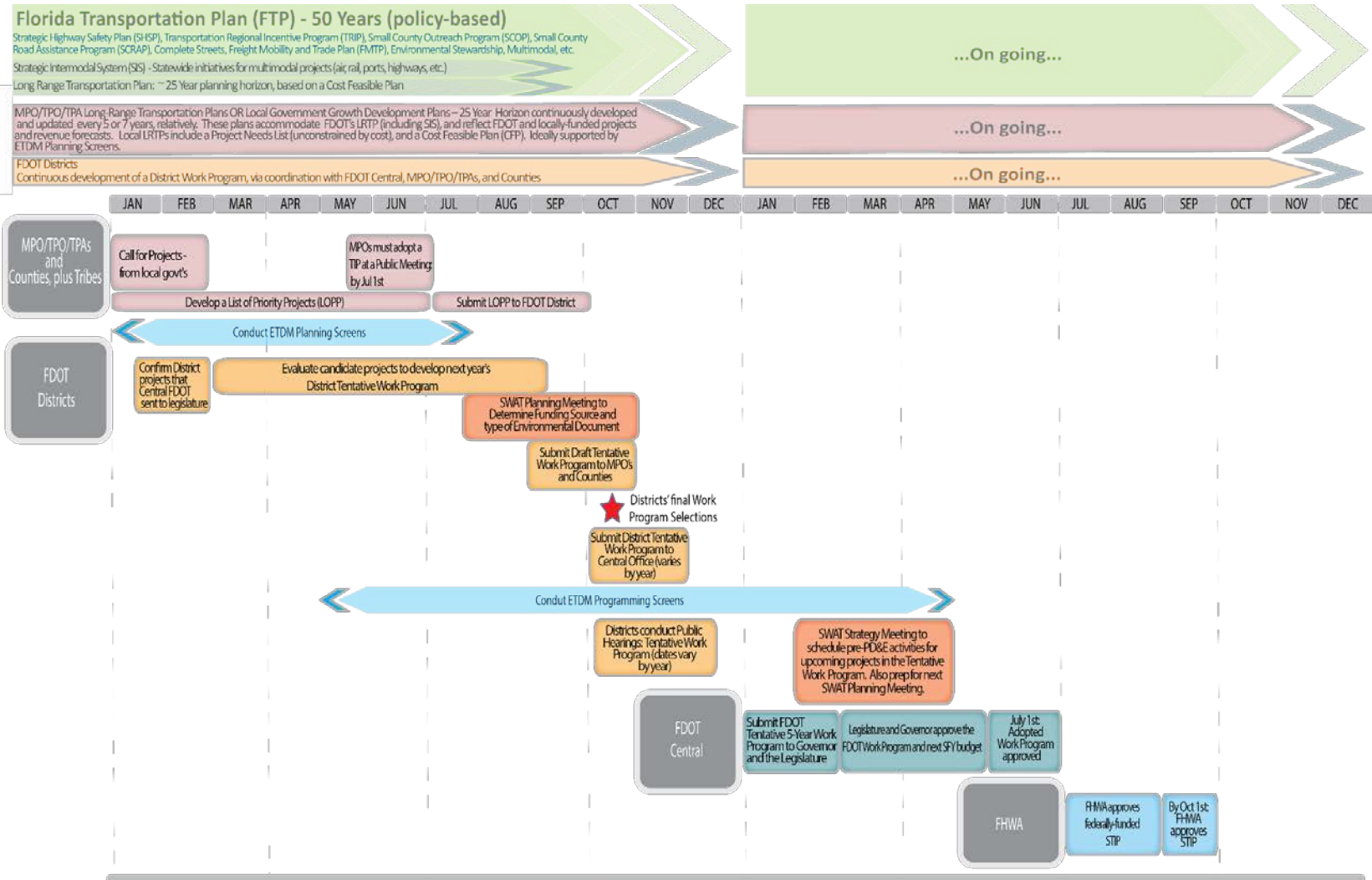
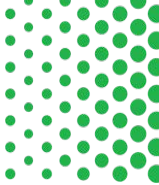
SWAT Project Management Approach



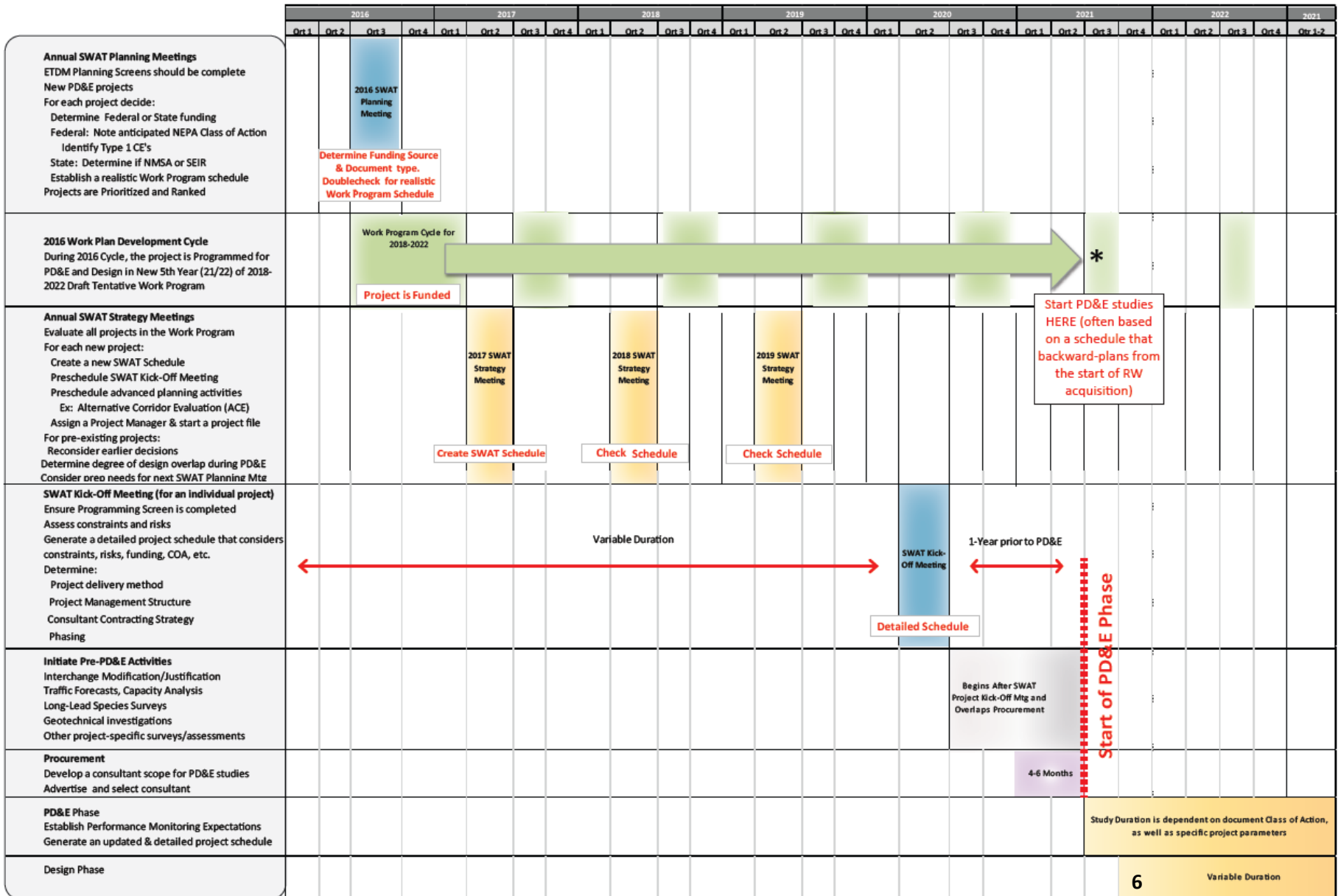
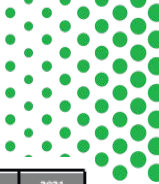
Planning
 Procurement
 PD&E activity
 Design activity
 Both PD&E and Design



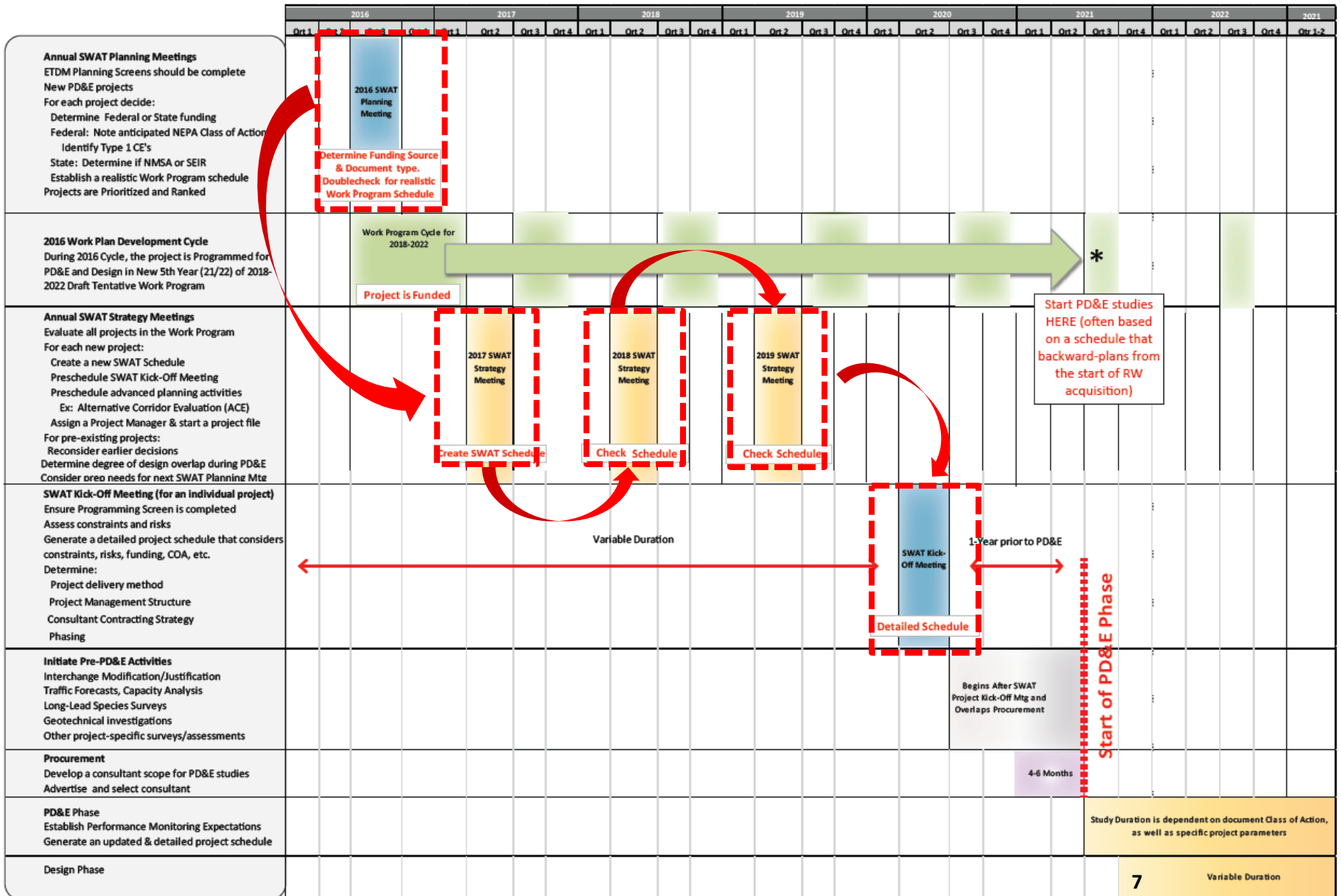
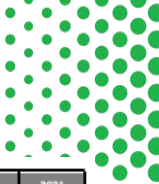
Work Program Cycle



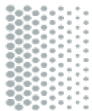
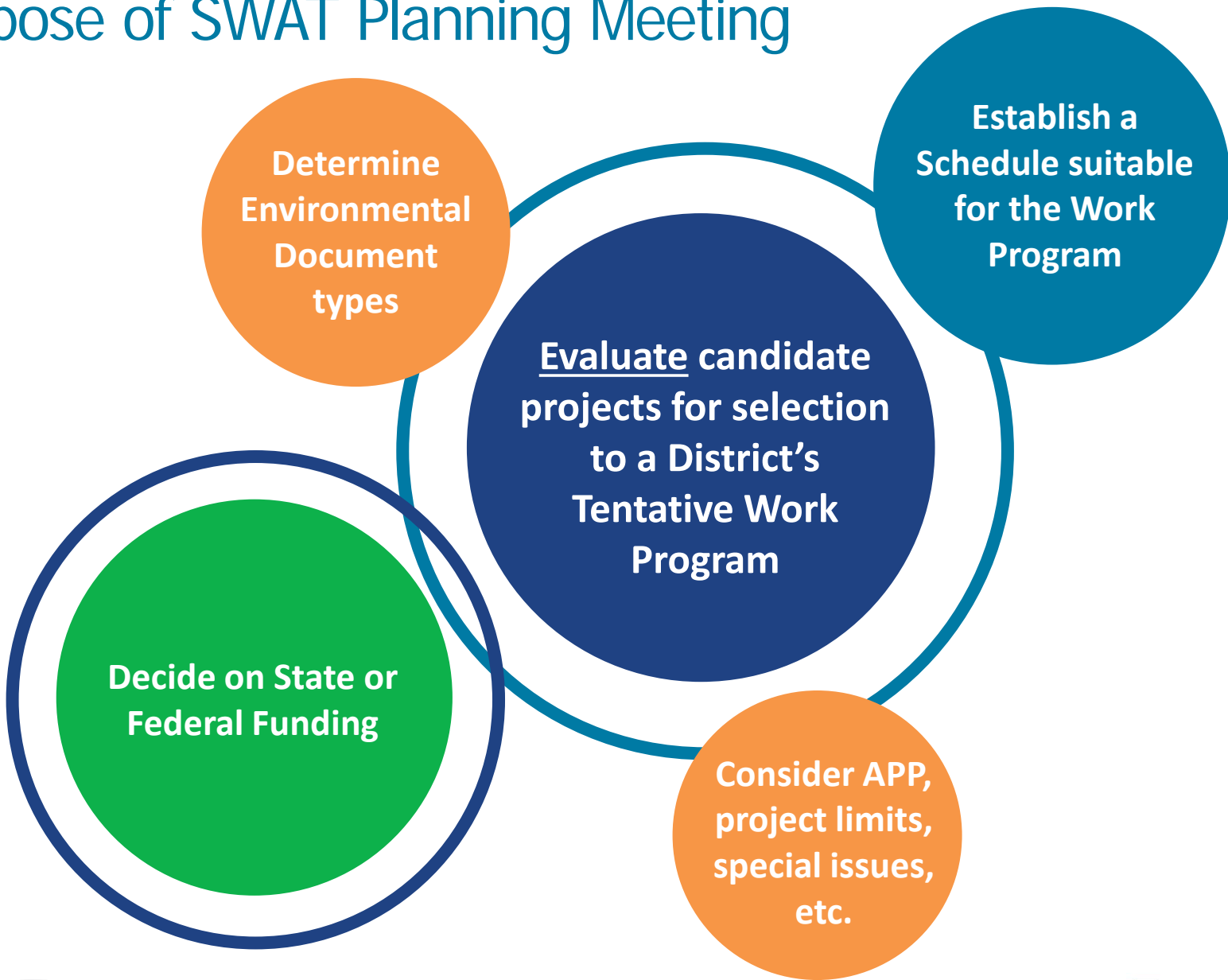
Example Individual Project Progression using the SWAT Approach



Example Individual Project Progression using the SWAT Approach



Purpose of SWAT Planning Meeting



SWAT Scoping Form

Topic No. 650-000-001
Project Development and Environment Manual
Project Development Process

Effective: Draft 2016

FDOT SWAT SCOPING FORM

To be used for both Federal and State Funded Projects

SECTION A

1. GENERAL INFORMATION

Project Name: US 441S from CR 42 to CR 475
Project Limits: CR 42 to CR 475
County: Marion
ETDM Number (If applicable): 3126
Financial Management Number: Not Available
Project Manager: Richard C. Fowler

2. PROJECT DESCRIPTION

a. Background Information

The limits of the proposed action on US 441 S in Marion County are from CR 42 to CR 475, a distance of 15.9 miles. The project is oriented from south to north and is located within the cities of Ocala and Belleview and within unincorporated Marion County, Florida. The project connects Ocala, Belleview, and northern Lake County, which is the area in which The Villages Developments of Regional Impact (DRIs) are located. Other DRIs including Cala Hills, Spruce Creek Golf and Country Club, Spruce Creek South, and Stonecrest are also approved in the vicinity of this project. This project connects to the existing six-lane section of US 441 on the north end. A Type II Categorical Exclusion was approved for the six laning to the south in April 2003.

b. Purpose and Need

Parts of the segment are operating at an acceptable level of service; however, ten-year traffic projections show the need for improvement based upon capacity needs. This project is #9 on the Ocala/Marion County TPO's priority listing. The project was in the previous (2000-2020) LRTP needs plan, and will be included in the 2005-2025 LRTP cost feasible plan to be adopted in December 2005.

c. Proposed Improvements

Widen US 441S to six lanes from CR 42 to CR 475, with construction of a stormwater management system. It is anticipated that this project will be considered for funding in the Work Program over the next two years; therefore, comments from the Environmental Technical Advisory Team (ETAT) are critical to assist in important MPO/FDOT decision-making processes. This project connects to the existing six-lane section of US 441 on the north end. A Type II Categorical Exclusion was approved for the six laning to the south in April 2003.

3. FUNDING

Funding type: State: Funding not yet secured, but no action from FHWA or USDOT required

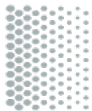
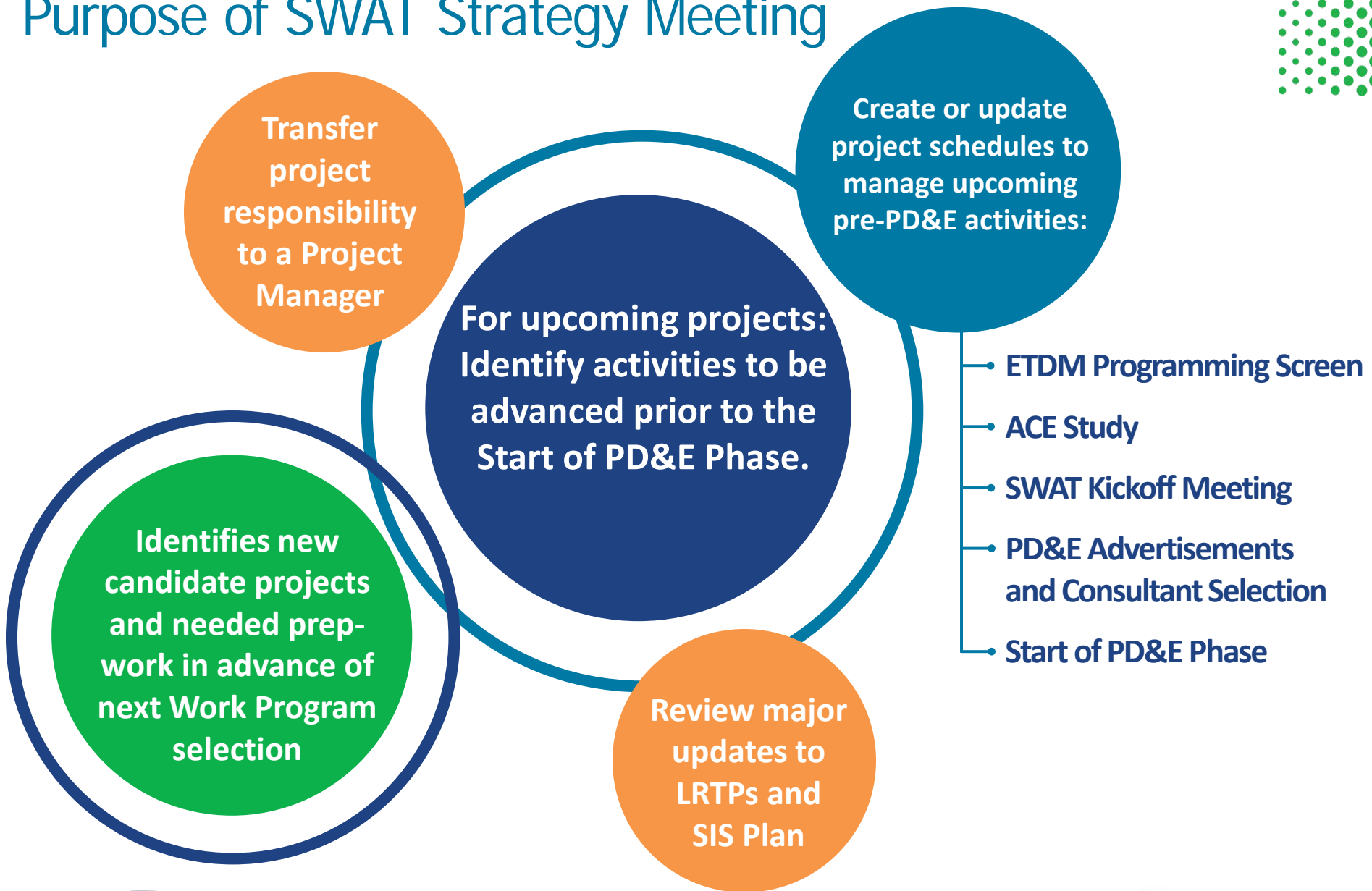
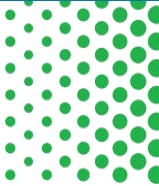
Figure 4-2 SWAT Scoping Form (Page 1 of 4)

Project Development Process

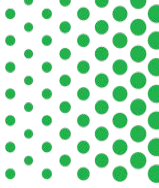
4-35

- Completed prior to planning meeting (only Section A)
- Only for projects being considered
- Summarize project information
 - Project description
 - Federal actions
 - Potential funding
 - Anticipated Class of Action
- PD&E Manual, Part 1, Chapter 4 and 10

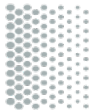
Purpose of SWAT Strategy Meeting



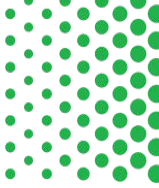
SWAT Strategy: Individual Project Responsibility



- TRANSFERS from the SWAT Lead to the assigned Project Manager
- PM is then responsible to schedule and monitor pre-PD&E project activities, arrange funding needs, and move the project forward.



Step 2: Review of New & Existing Work Program Projects

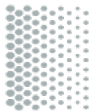


For each upcoming project **with** a Programming Schedule that shows start of R/W or construction:

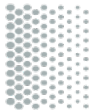
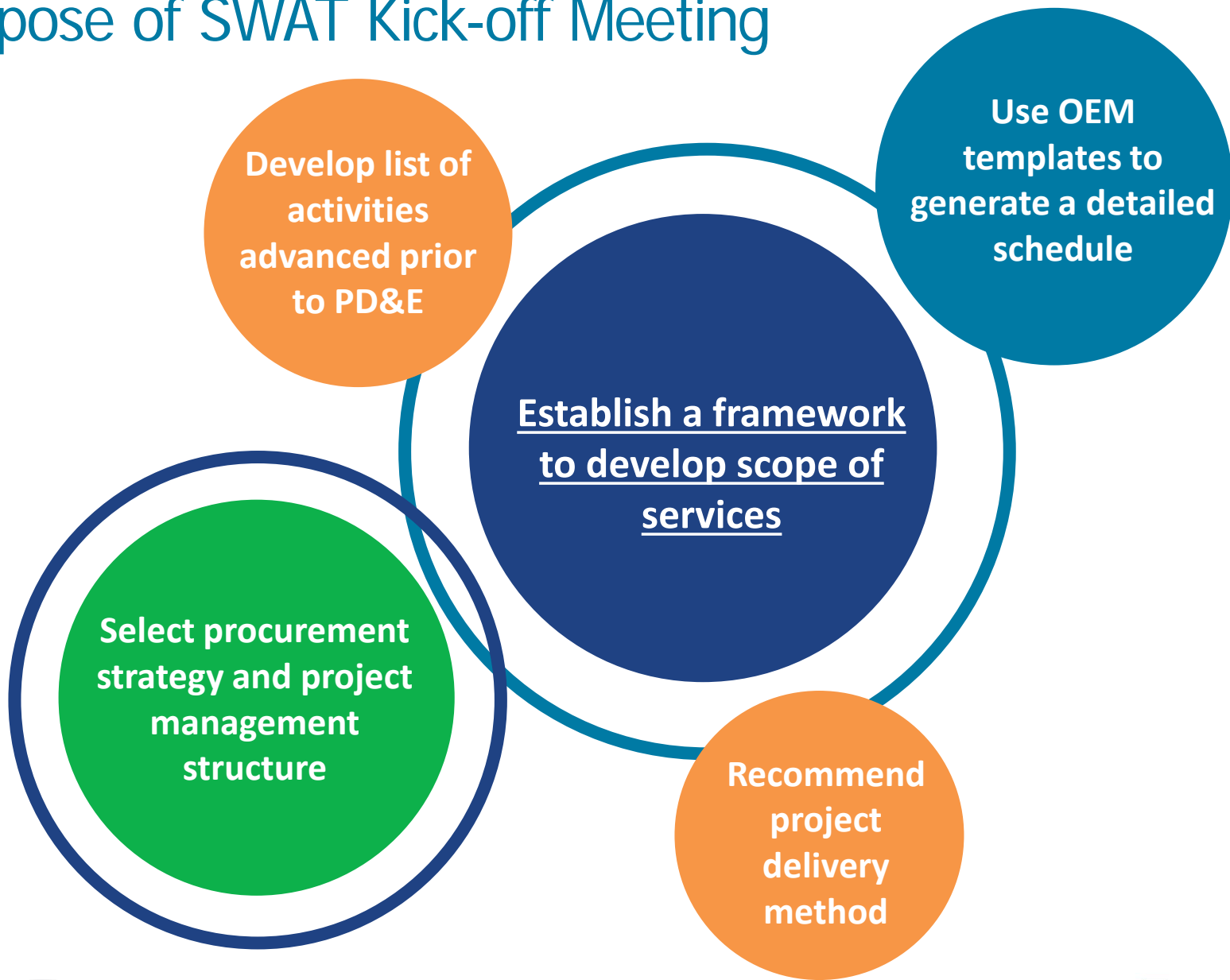
- Verify that PD&E Phase starts soon enough (given document type and expected design duration) to avoid any delays to right-of-way acquisition and construction phases

A Typical Programming Schedule

Project Phase	Funding Allocations by State Fiscal Year (in Millions)												
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
Pre-PD&E Activities	0.6												0.6
PD&E Phase		0.4	0.4	0.4									1.2
Design Phase				0.2	0.3	0.4	0.2			0.2			1.3
ROW Phase							5	30	33				68
Mitigation									4				4
Utility Relocation								8	15				23
Construction Phase									50	44	22		116
CASH FLOW BY SFY	0.6	0.4	0.6	0.7	0.4	5.2	30	45.2	65	44	22		214.1 Million

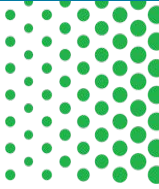


Purpose of SWAT Kick-off Meeting



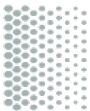
Surface Transportation Project Delivery

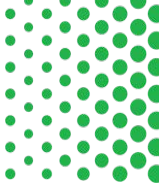
Title 23 USC 327



MOU Signed December 14, 2016, between FHWA and FDOT :

- FDOT assumes FHWA responsibilities cited in 23 USC 327 for highway projects
- NEPA, all eligible Federal Environmental Laws and Executive Orders as provided in Appendix A to 23 CFR 773
- All classes of highway projects
 - Class I: Environmental Impact Statement (EIS) projects
 - Class II: Categorically Excluded (CE) projects
 - Class III: Environmental Assessment (EA) projects
- Local Agency Program (LAP) projects
- Under this program, FDOT is deemed to be acting as FHWA, Lead Federal Agency, on projects for environmental matters
- FDOT responsible for development of its procedures to meet federal laws, FHWA guidelines and requirements.
- Added efficiency in project delivery





Thank you

