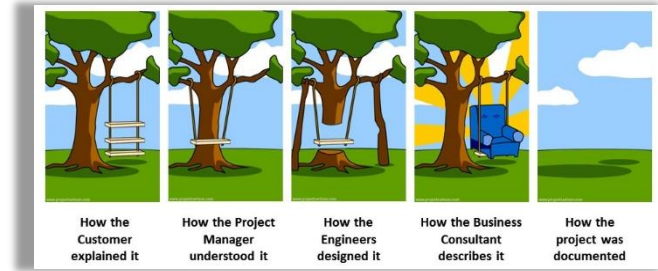
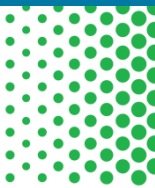


Project Schedule Template and PSM Code Webinar



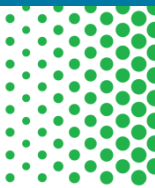
Imran Ghani
Osiris 9 Consulting



Marjorie Kirby

State Environmental Programs Administrator





Imran Ghani, PE, AICP



AGENDA

- PSM Codes and Project Management
- PSM Code Updates
- Pre-PD&E Activities
- Schedule Templates
- Questions
- Live Demonstration
- Questions

PSM Codes and Project Management

- What are **PSM** Codes?

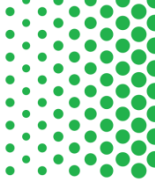
*Project **S**chedule and **M**anagement Codes*

249615-3 SR 997/KROME AVENUE FROM S.W. 136TH STREET TO US-27/OKEECHOBEE ROAD
 District 06 - Miami-Dade County Project Manager: CROFT/COKER

Type of Work: PD&E/EMO STUDY

Activity	Description	Resp. Person	Early Start	Early Finish	Total Float
250010000	P.E. BEGIN	DIEZ	01/06/2003 A	01/06/2003 A	0
232010000	CONSULTANT ADVERTISE	R. FOUNTAI	02/12/2003 A	02/12/2003 A	0
135010000	E.M.O. STUDY	CROFT	08/18/2003 A	11/09/2006 A	0
234010000	NOTICE TO PROCEED	R. FOUNTAI	08/21/2003 A	08/21/2003 A	0
239010000	PD&E CONSULTANT CONTRACT EXECUT	R. FOUNTAI	08/21/2003 A	08/21/2003 A	0
135020000	ENVIRONMENTAL WORK	BIXBY	01/12/2004 A	11/09/2006 A	0
263010000	LOC/DES APPROVAL	CROFT	11/09/2006 A	11/09/2006 A	0

PSM Codes and Project Management

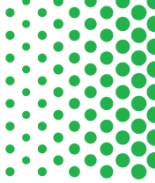


- Main Goal
 - ◆ Assist Project Managers
 - ◆ Identify Issues

435909-2 ALT US 19/SR595 CORRIDOR STUDY II FM BELLEAIR RD TO PINELLAS/PASCO CO/L				
District 07 - Pinellas County				
Type of Work: PD&E/EMO STUDY				
Activity	Description	Early Start	Early Finish	Total Float
234020000	Notice To Proceed (SEIR)	4/20/2017	4/20/2017	0
363010000	Prepare Public Involvement Plan	4/20/2017	5/24/2017	0
104030000	Cultural Resource Assessment Survey (CRAS)	4/21/2017	6/22/2017	51
104040000	Environmental Data Collection	4/21/2017	6/29/2017	57
804070000	Prepare & Submit Concept Plans for Build Alternative	4/21/2017	6/29/2017	1
262040000	Mail Kick-Off Newsletter	5/25/2017	7/10/2017	0
803040000	FDOT Review of CRAS	6/23/2017	7/17/2017	51
104050000	Evaluate Listed Species Habitat	6/30/2017	8/4/2017	67
104060000	Evaluate Wetlands, Floodplains, Farmlands, etc.	6/30/2017	8/18/2017	57
104070000	Conduct Noise Study	6/30/2017	8/18/2017	57
104080000	Community Effects Evaluation	6/30/2017	8/4/2017	42
104090000	Contamination Assessment	6/30/2017	8/18/2017	57
221010000	Develop Access Management Recommendations	6/30/2017	7/28/2017	26
803020000	FDOT Review Concept Plans for Build Alternative	6/30/2017	7/21/2017	1
804080000	Develop Design Criteria & Typical Section Alternatives	7/11/2017	8/14/2017	0
104100000	Revise and Resubmit CRAS Report	7/18/2017	7/24/2017	51
223010000	ROW Cost Estimates (FDOT)	7/24/2017	9/1/2017	1
288010000	CRAS Review by SHPO	8/7/2017	9/1/2017	42
100010000	LHR and Drainage Analysis	8/15/2017	9/13/2017	0
826060000	Prepare Construction Cost Estimate	8/15/2017	9/5/2017	0
826090000	Prepare Draft SEIR	8/21/2017	9/1/2017	57
803050000	FDOT Review Draft SEIR	9/5/2017	9/25/2017	62
826070000	Prepare First Draft Preliminary Engineering Analysis	9/6/2017	10/10/2017	0
835020000	Submit First Draft PEA to FDOT	10/11/2017	10/11/2017	0
803030000	FDOT Review First Draft PEA	10/12/2017	11/1/2017	0
262060000	Mail 2nd Newsletter / Invitations	11/1/2017	11/15/2017	6
366050000	Prepare For Public Hearing	11/2/2017	11/27/2017	0
262070000	Public Hearing & 10-Day Comment Period	11/28/2017	12/26/2017	0
826080000	Prepare Final PEA	11/28/2017	12/11/2017	10
262080000	Submit Copy of Displays & Transcripts, Etc.	12/27/2017	1/10/2018	15
835030000	Submit Final PEA/SEIR to FDOT for Approval	12/27/2017	1/10/2018	0
803060000	FDOT Review and Approval of SEIR	1/11/2018	2/1/2018	0



FDOT Production Schedule



Environmental Work – Part of tracked FDOT Production Schedule

State Wide Acceleration and Transformation (SWAT) / State Funded Only (SFO) Dashboard																
Status	FY Dashboard Reporting	District↑	Fiscal Year	Item / Segment	Item Description	Project Likely Requires New ROW	Estimated Federal COA	Ph I Plans (30%) / Ph II Plans (60%) / SEIR (months)	PD&E Advertisement (PSM 705)	SEIR Start (PSM 709)	Public Hearing (PSM 262)	SEIR Approved (PSM 734)	60% Design Plans (PSM 302)	ROW Cert (PSM 255)	Production Date (PSM 204)	District Notes
Current	15/16	1	15/16	196022-5 PSM PSE E	SR 64 AT RYE ROAD	Yes	Type 2 CE	36 / 61 / 10	11/10/2015 A	12/28/2015 A	10/13/2016 A	10/31/2016 A		4/3/2017	3/13/2018	Project will overlap PD&E (In-House) and Design
Current	14/15	7	14/15	435915-1 PSM PSE E	SR 52 EXTENSION FROM E OF MCKENDREE RD TO E OF US 301	Yes	EA	62 / 92 / 9	10/01/2014 A	12/04/2014 A	06/02/2015 A	08/28/2015 A	10/17/2016	1/31/2019	2/1/2019	Project is being designed by Inhouse FDOT. Design Survey and Right of Way mapping is being coordinated with Pasco County. Per the project PM, 60% plans will be delivered on or before 10/05/16 which is AFTER the EARLY 302 date, however, this is BEFORE the LATE 302 date. The SWAT dashboard may show pink between the EARLY 302 date and the ACTUAL finish date, however, PSM float will be positive because the project will actually be ON SCHEDULE. The change of projected 60% plans completion (from 7/16 to 10/16) is due to needed coordination between FDOT and developer joint pond design as well as geotech data collection delayed by summer 2015 rains.
Current	14/15	Turnpike	14/15	435763-1 PSM PSE E	PD&E WIDEN SAWGRASS EXPY-S OF SUNRISE TO S OF US441 (MP .5 TO 18)	Yes	Type 2 CE	36 / 61 / PSM	01/05/2015 A	06/04/2015 A	11/10/2016					PD&E underway, two Design projects under FPID 437155-1 (FY 2016) and FPID 435461-1 (FY 2017). Public hearing is deferred until January 2017 due to additional coordination on two interchanges configuration at Pat Salerno Dr and Coral Ridge Dr.

Reviewed by Executive Board each month



FDOT Production Schedule

- Project Schedule Duration
- Environmental Impact Statement
 - ◆ Start – Publication of Notice of Intent in Federal Register
 - ◆ End – Approval of Record of Decision
- What about SEIR, Type 2 CE, Environmental Assessment?
 - ◆ Added PSM Codes
 - ◆ Type 2 CE Start (PSM Code 706)
 - ◆ SEIR Start (PSM Code 709)
 - ◆ Environmental Assessment Start (PSM Code 707)

PSM Code Updates

- Comprehensive Review of needed PSM Codes
- Pre-PD&E Activities (Including SWAT and ETDM)
- Consistency across Districts

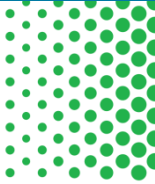
District 5

PSM Code	Description
950355000	FDOT Review CRAS*
950365000	FDOT Review Draft Section 4(f)
262010000	Hold Public Hearing *
109010000	Drainage Analysis*
113075000	Prepare Final ESBA
950430000	Submit Final WER Report to SFWMD

District 7

PSM Code	Description
803040000	FDOT Review CRAS*
104070000	Conduct Noise Study
262070000	Hold Public Hearing *
826040000	Drainage Analysis*
104090000	Contamination Assessment
104080000	Community Effects Evaluation

PSM Code Updates



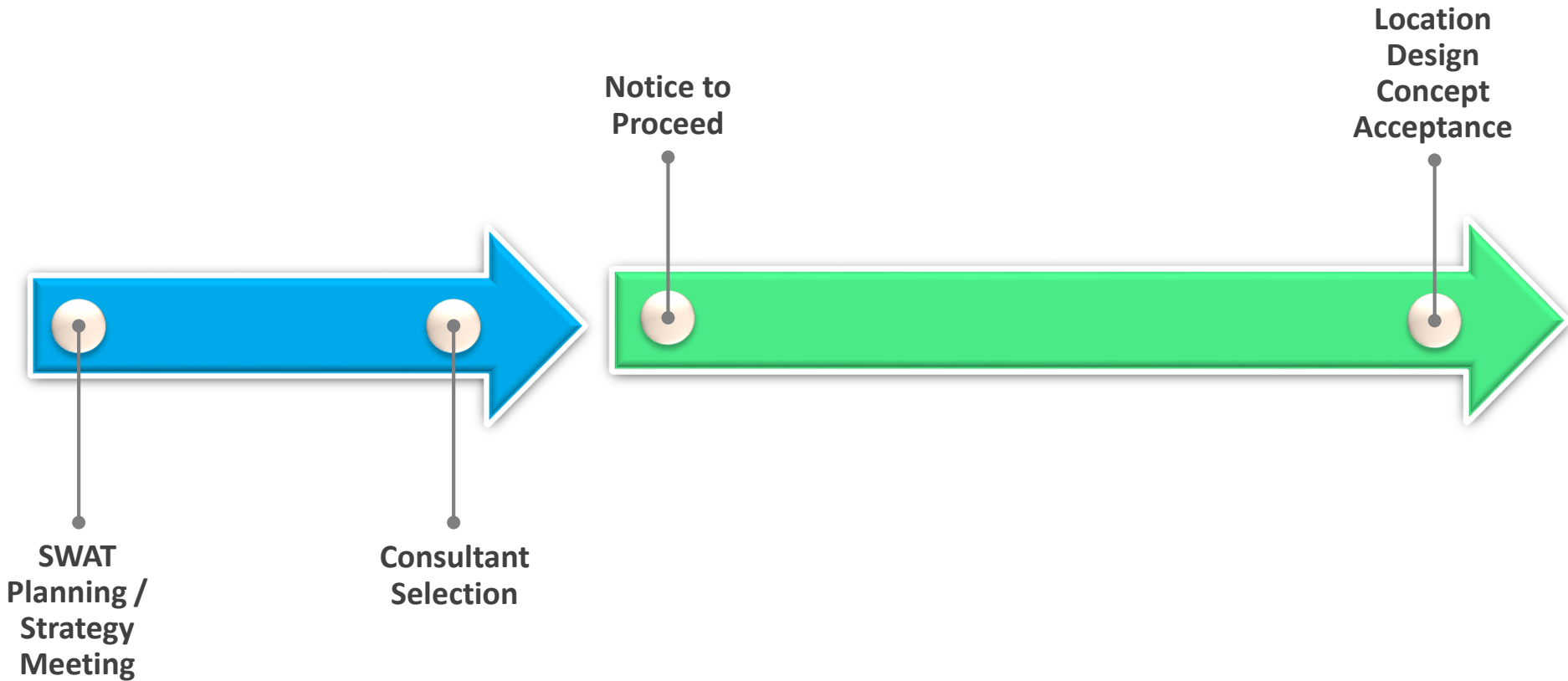
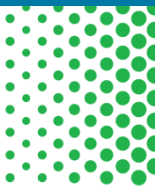
- “Data Dictionary” to clarify intent of each PSM Code

Activity Code	Activity Description	Detailed Description
700	ETDM/ETAT PROG. SCREEN START	The date when the ETDM Programming Screen is submitted to ETAT for 45 day Review.
701	ETDM PROG PRELIM SUM REP PUB	The date when FDOT has addressed all the comments received through ETAT. Class of Action may or may not be assigned at this point.
702	ETDM PROG FINAL SUM REP PUB	The date when the Class of Action is assigned.

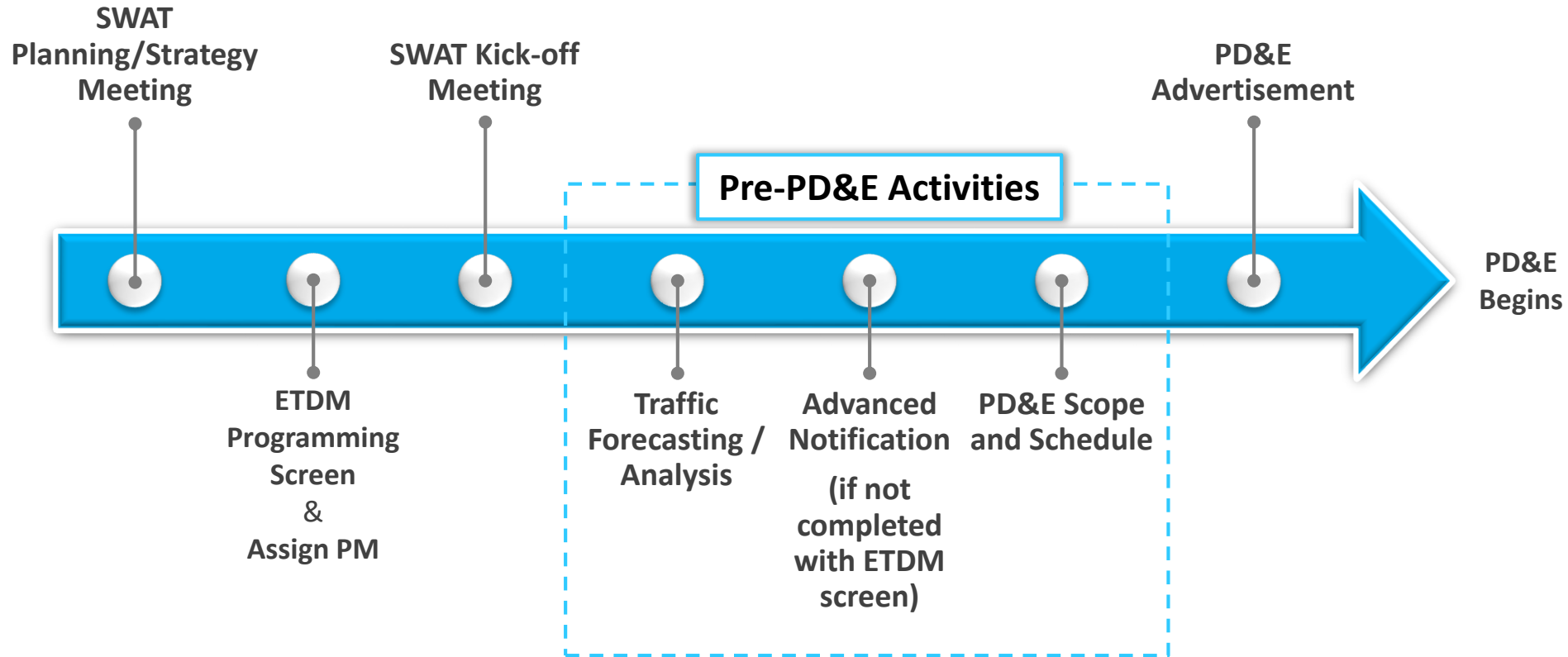
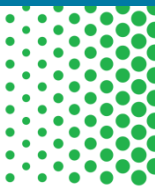
PSM Code Updates

- No impact to current or past projects (existing codes remain active)
- 700 series
- Provide Better Support
- Support NEPA Assignment
- Good Project Management Practices
- Develop Realistic Schedules

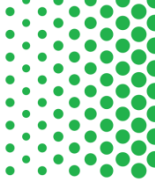
Pre-PD&E Activities



Pre-PD&E Activities



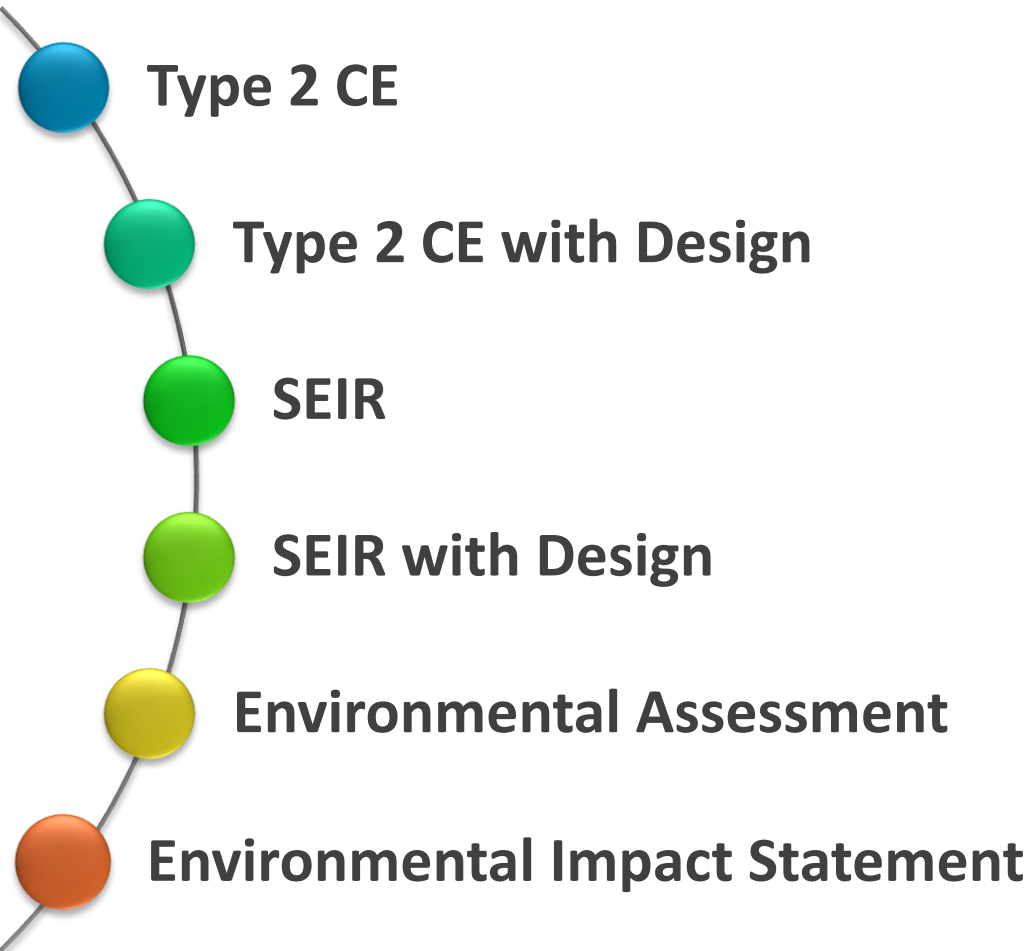
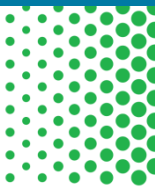
Pre-PD&E Activities



ID	Task Name	PSM Codes	Duration	Start	Finish	Float	Predecessors	2016					
								May	Jul	Sep	Nov		
0	Type 2 CE - Version 6		647 days?	Mon 8/1/16	Tue 1/22/19	0 days?							
1	District SWAT Planning Meeting	746	1 day?	Mon 8/1/16	Mon 8/1/16	0 days							
2	PRE-PD&E ACTIVITIES SWAT Kickoff Meeting	747	1 day	Tue 8/16/16	Tue 8/16/16	0 days							
4	Assign Project Manager	704	1 day	Tue 8/16/16	Tue 8/16/16	635 days	1FS+10 days						
5	ETDM PROGRAMMING SCREEN		269 days?	Tue 9/13/16	Fri 9/22/17	0 days?							
6	ETDM Programming Screen Meeting		5 days	Tue 9/13/16	Mon 9/19/16	0 days							
7	ETDM Programming Screen PED		5 days	Tue 9/13/16	Mon 9/19/16	0 days	1FS+30 days						
8	ETDM Programming Screen Purpose and Need		5 days	Tue 9/13/16	Mon 9/19/16	0 days	1FS+30 days						
9	ETDM PROGRAMMING SCREEN START/ADVANCE NOTIFICATION	700, 224	32 days	Tue 9/20/16	Wed 1/12/16	0 days	7, 8						
10	ETDM Programming Screen Responses		44 days	Thu 1/13/16	Tue 1/3/17	0 days	9						
11	ETDM PROGRAMMING PRELIMINARY SUMMARY REPORT PUBLISHED	701	1 day	Wed 1/4/17	Wed 1/4/17	416 days	10						
12	Traffic Analysis		111 days?	Tue 9/20/16	Tue 2/21/17	282 days?	8						
13	Traffic Methodology Meeting		1 day?	Tue 9/20/16	Tue 9/20/16	0 days?	8						
14	Traffic Methodology Memorandum		5 days	Tue 9/21/16	Tue 9/27/16	0 days	13						
15	Traffic Data Collection		20 days	Wed 9/28/16	Tue 10/25/16	0 days	14						
16	Crash Data and Analysis		20 days	Wed 9/28/16	Tue 10/25/16	0 days	14						
17	Prepare Traffic Projections		30 days	Wed 10/26/16	Tue 12/6/16	0 days	15						
18	Prepare Capacity Analysis		30 days	Wed 12/7/16	Tue 1/17/17	0 days	17						
19	Draft Project Traffic Analysis Report		10 days	Wed 1/18/17	Tue 1/31/17	0 days	18, 16						
20	FDOT Review - Draft Project Traffic Analysis Report		10 days	Wed 2/1/17	Tue 2/14/17	0 days	19						
21	Final Project Traffic Analysis Report	757	5 days	Wed 2/15/17	Tue 2/21/17	282 days	20						
22	INTERCHANGE ACCESS REQUEST		232 days	Thu 11/3/16	Fri 9/22/17	28 days							
23	Initiate IJR/MR/SIMR or IOAR		1 day	Thu 11/3/16	Thu 11/3/16	0 days	9						
24	Prepare MLOU		5 days	Fri 11/4/16	Thu 11/10/16	0 days	23						
25	DIRC/SPO Review of MLOU		10 days	Fri 11/11/16	Thu 11/24/16	0 days	24						
26	FHWA Review of MLOU		20 days	Fri 11/25/16	Thu 12/22/16	0 days	25						
27	Develop Alternatives		30 days	Fri 12/23/16	Thu 2/2/17	0 days	26						
28	Perform Operational Analysis		30 days	Fri 2/3/17	Thu 3/16/17	0 days	27						
29	Prepare Preliminary IMR/IR		45 days	Fri 3/17/17	Thu 5/18/17	0 days	28						
30	DIRC/SPO Review of Preliminary IJR/MR		10 days	Fri 5/19/17	Thu 6/1/17	0 days	29						
31	FHWA Review of Preliminary IJR/MR		20 days	Fri 6/2/17	Thu 6/29/17	0 days	30						
32	Prepare Final IJR/MR		30 days	Fri 6/30/17	Thu 8/10/17	0 days	31						
33	DIRC/SPO Review of Final IJR/MR		10 days	Fri 8/11/17	Thu 8/24/17	0 days	32						
34	FHWA Review of IJR/MR		20 days	Fri 8/25/17	Thu 9/21/17	0 days	33						
35	IJR/MR Approval	765	1 day	Fri 9/22/17	Fri 9/22/17	18 days	34						
36	DEVELOP SCOPE AND SCHEDULE		16 days	Thu 11/3/16	Thu 11/24/16	0 days							
37	Begin PD&E Scope and Schedule		15 days	Thu 11/3/16	Wed 11/23/16	0 days	9						
38	PD&E SCOPE AND SCHEDULE COMPLETION	703	1 day	Thu 11/24/16	Thu 11/24/16	0 days	37						
39	PROCUREMENT		122 days	Fri 11/25/16	Mon 5/15/17	0 days							
40	PD&E Advertisement	705	1 day	Fri 11/25/16	Fri 11/25/16	0 days	38						
41	Notice to Proceed		120 days	Mon 11/28/16	Fri 5/12/17	0 days	38, 40						
42	Notice to Proceed		1 day	Mon 5/15/17	Mon 5/15/17	0 days	41						
43	PD&E STUDY		441 days	Tue 5/16/17	Tue 1/22/19	0 days							
44	PROJECT MANAGEMENT		7 days	Tue 5/16/17	Wed 5/24/17	0 days							
45	Type 2 CE - PSM	706	1 day	Tue 5/16/17	Tue 5/16/17	0 days	42						
46	Prepare Project Management Plan		5 days	Wed 5/17/17	Tue 5/23/17	0 days	45						
47	Prepare QC Plan		5 days	Wed 5/17/17	Tue 5/23/17	0 days	45						
48	Project Kickoff Meeting with FDOT		1 day	Wed 5/24/17	Wed 5/24/17	0 days	46, 47						



Schedule Templates



Schedule Templates

1 Provide Districts with Templates for each Class of Action

2 Help understand the project development & relationships

3 Give Districts the flexibility to modify the templates

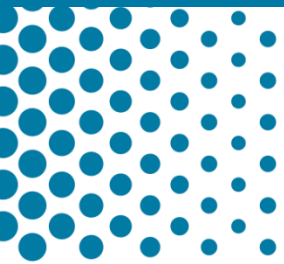
- Project Scope and Characteristics
- District Preferences

4 MUST include activities with PSM Code

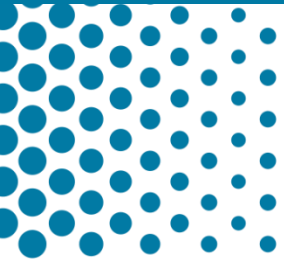
Summary

- Environmental Work – Part of FDOT Tracked Production Schedule
- 700 Series – Environmental Work
- Environmental Work – PD&E and Pre-PD&E Activities
- Communication between Project Manager and Scheduler

Questions



Live Demonstration



Questions

