

APPENDIX D

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APPENDIX D1 – STANDARD STATEWIDE ABBREVIATIONS FOR USE ON THE WP01 SCREEN

Use the following standard project description abbreviations for the Item Segment Definition (WP01) screen in Work Program Administration.

A. PROJECT DESCRIPTION GUIDELINES

- Descriptions for roadway projects:

SRxxx (USxxx) Local Name from: SRxxx (USxxx) Local Name to: SRxxx (USxxx) Local Name

- Descriptions for bridge projects:

SRxxx (USxxx) Local Name Official Bridge Name Bridge NOxxxxx

- Descriptions for intersection projects:

SRxxx (USxxx) Local Name @ SRxxx (USxxx) Local Name Intersection

- Descriptions for interchange projects:

Use a “/” when identifying an interchange, e.g. I-xx/I-xx. If one or both legs of the interchange are state or local roads, put the local name in parentheses: SR 688 (Ulmerton Rd.)

- Description of interstate projects:

I-xx (SRxxx) Local Name

Write descriptions so that someone outside the Department of Transportation can locate projects and determine the type of work to be accomplished.

Use only abbreviations on the standardized statewide list; spell out everything else. Spell out local names when used in conjunction with standard abbreviations.

- For example, Bay County Transit System would be Bay Co. TS **not** BCTS.

If a roadway has a US highway number/state road number in conjunction with a local road name, use both when space is available. If both will not fit, enter the US highway number/state highway number on the top line followed by the local road name in the additional description lines.

B. STANDARD ABBREVIATION LIST

AC	Air Carrier	AIP	Airport Improvement Plan
ACFT	Aircraft	ALP	Airport Layout Plan
ACQ	Acquisition	AMP	Airport Master Plan
ADA	American with Disabilities Act	APT	Airport
ADMIN	Administration	ARFF	Airport Rescue and Fire Fighting
AFB	Air Force Base	ASST	Assistance
AGMT	Agreement	AT	Area Transit

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ATCT	Air Traffic Control Tower	CSWY	Causeway
ATIS	Advanced Travelers Information System	CW	Countywide
ATMS	Automatic Traffic Monitoring System	DBL	Double
AUX	Auxiliary	DWTN	Downtown
AVE	Avenue	DC	Discretionary Capacity
AVL	Automated Vehicle Locator	DG	Design Group
AWOS	Airport Weather Observation Station	DEMO	Demonstration
BCH	Beach	DEV	Development
BLVD	Boulevard	DMS	Dynamic Message Sign System
BR	Bridge	DR	Drive
BSWY	Busway	D/W	Districtwide
C-D	Collector-Distributor	E	East
C&G	Curb and Gutter	EB	Eastbound
CADD	Computer Aided Design	ENG	Engineering
CAR	Contamination Assessment & Remediation	EOC	Emergency Operations Center
CAT	Category	ETDM	Efficient Transportation Decision Making
C/L	County Line	EXT	Extension
CCTV	Closed Caption Television	EXEC	Executive
CEI	Construction Engineering Inspection	FAA	Federal Aviation Administration
CHG	Change	FBO	Fixed Base Operator
CIGP	County Incentive Grant Program	FDOT	Florida Department of Transportation
CIR	Circle	FED	Federal
CK	Creek	FHP	Florida Highway Patrol
CITYWID E	1 Word	FL	Florida
CL	City Limits	FTA	Federal Transit Administration
CN	Canal	FY	Fiscal Year
CNTY	County	FYCC	Florida Youth Conservation Corp
CO	Central Office	FEC	Florida East Coast Railroad
COMM	Community	GIS	Geographic Information System
CONST	Construction	GRUB	Grubbing
CR	County Road	GA	General Aviation
CS	Commercial Service	GU	General Use
CSX	CSX Railroad	GRWY	Greenway
CT	Court	HGR	Hanger
CTR	Center	HOV	High Occupancy Vehicles
CTSP	Community Traffic Safety	I	Interstate
CTY	City	IC	Intermodal Center
CTY/W	Citywide	ICTF	Intermodal Cargo Transfer Facility
		INFO	Information
		HWY	Highway

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ICWW	Intercoastal Water Way	PED	Pedestrian
IND	Indian	PH	Phase
ILS	Instrument Landing System	PKWY	Parkway
ISL	Island	PRG	Program
INT'L	International	PROJ	Project
INTCHG	Interchange	PL	Place
ITS	Intelligent Transportation System	PLN	Planning
JARC	Job Access & Reverse Commute Program	PRK	Park
JPA	Joint Participation Agreement	PTO	Public Transportation Office
LAP	Local Agency Program	PVT	Pavement Change
LN	Lane	CHG	
LRTP	Long Range Transportation Plan	PZ	Plaza
MAINT	Maintenance	R/W	Right of Way
MALSR	Medium Intensity Approach	RD	Road
MGMT	Management	RDWY	Roadway
MI	Mile(s)	REG	Regional
MM	Mile Marker	REHAB	Rehabilitation
MOA	Memorandum of Agreement	REILS	Runway End Identifier Lights
MOB	Mobility	RPM	Reflective Pavement Markers
MOT	Maintenance of Traffic	RPZ	Runway Protection Zone
MP	Mile Post	RR	Railroad
MPO	Metropolitan Planning Organization	RTA	Regional Transit Authority
N	North	RTS	Regional Transit System
NB	Northbound	RV	River
NE	Northeast	RVR	Runway Visual Range
NPDES	National Pollution Discharge Elimination System	RW	Runway
NW	Northwest	S	South
O&M	Operations and Maintenance	SB	Southbound
OFA	Other Federal-Aid	SE	Southeast
OMD	Office of Modal Development	SECT	Section
OOCEA	Orlando Orange Expressway Authority	SEG	Segment
OP	Operations	SFRC	South Florida Rail Corridor
OPS	Other Personal Services	SFRTA	South Florida Regional Transit Agency
OVRPS	Overpass	SHS	State Highway System
PAPI	Precision Path Indicators	SIS	Strategic Intermodal System
PB	Pushbutton	SIB	State Infrastructure Bank
PD&E	Project Development & Environmental	SPL	Supplemental Agreement
PE	Preliminary Engineering	SR	State Road
		ST	Street
		SW	Southwest

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SW	Statewide
SWK	Sidewalk
SYS	System
TA	Transit Authority
TD	Transportation Disadvantage
TECH	Technical
TER	Terrace
TERM	Terminal
T-HGR	T-Hanger
TIFI	Transportation Infrastructure Finance & Innovation Act
TMA	Transportation Management Area
TMI	Transportation Management Initiative
T/O	Traffic Operations
TPA	Transportation Planning Agency
TPK	Turnpike
TPO	Transportation Planning Organization
TRAN	Transportation
TRL	Trail
TS	Transit System
TW	Taxiway
UTIL	Utilities
UPWP	United Planning Work Program
US	United State Route
VASI	Visual Approach Slope Indicator
VE	Value Engineering
VMS	Variable Message Sign
W	West
W/	With
WY	Way
WB	Westbound
XING	Crossing
XWAY	Expressway

APPENDIX D2 – APP FLOW CHART (DELETED)

APPENDIX D3 – APP CHECKLIST (DELETED)

APPENDIX D4 – BRM CODE TABLES FOR ITEM SEGMENT LOCATION BRIDGE (WP10) SCREEN

The Item Segment Location Bridge (WP10) screen in the Work Program Administration system is used to record bridge project information defined in the Bridge Maintenance (BrM) code tables. BrM is the software utilized by the Florida Department of Transportation (department) to manage their bridge projects.

```

WP10      D_ Display Item_Seg_def Add DElete Road
-----
                                FDOT - Work Program Administration      06-06-2018
                                Item Segment Location - Bridge           16:01:05
                                MORE:
Item: 209503 Segment: 5      Geographic District: 02      County: 72
Desc: SR211 @ ORTEGA RIVER BRIDGE NO720005
Roadway Id: 72050000      SR No: SR 211      US No:
Beginning Point: 2.449      Ending Point: 2.665      Length: 0.216
Display Included Bridges Only: N (Y/N)
      Brdg
Sel No. Inc Length NBI Rat Op St Suff Rat Struc Typ Act Typ Def Disc
_ 0005 Y 348.3 M ND A 66.0 3 16 41 2012

Successfully displayed. No more data to display.
F1=Help F3=Exit F5=Refresh F6=Clear F7=Bkwd F8=Frwd F15=Logoff
  
```

A. NBI RATING (NBI RAT)

Provides the overall structural rating status based on the numerical condition rating.

- ND – Not Deficient
- FO – Functionally Obsolete
- SD – Structurally Deficient

B. OPERATIONAL STATUS (OP ST)

This single alpha code provides information about the actual operational status of the structure as follows:

CODE	DESCRIPTION
A	Open, no restriction required
B	Open, posting recommended but not legally implemented (signs not in place)
C	Open, structural analysis is not yet complete
D	Open, would be posted or closed except for temporary shoring
E	Open, temporary structure in place to carry legal loads while original structure is closed and awaiting replacement
F	Proposed Bridge - Bridge is proposed or under construction
G	New structure not yet open to traffic
K	Bridge closed to all traffic
P	Posted for load (weight) restriction(s)
R	Posted for other reason(s)
Z	Deleted Bridge - Structure deleted from active list

C. SUFFICIENCY RATING (SUFF RAT)

The sufficiency rating is established by the Federal Highway Administration and is on a scale of 0 (worst) to 100 (best).

D. STRUCTURE TYPE (STRUC TYP)

This three digit code identifies the type of structure for the main span(s). The first digit indicates the kind of material and/or design, and the second and third digits indicate the type of design and/or type of construction as follows:

TYPE OF MATERIAL		TYPE OF DESIGN/CONSTRUCTION	
(First Digit)		(Second and Third Digits)	
CODE	DESCRIPTION	CODE	DESCRIPTION
1	Concrete	01	Slab
2	Concrete - Continuous	02	Multi-beam or Multi-girder

TYPE OF MATERIAL (First Digit)		TYPE OF DESIGN/CONSTRUCTION (Second and Third Digits)	
CODE	DESCRIPTION	CODE	DESCRIPTION
3	Steel	01	Slab
4	Steel - Continuous	02	Multibeam or Multi-Girder
5	Pre-stressed Concrete	03	Girder-Floorbeam (GF) or Girder-
6	Pre-stressed Concrete -	04	Tee Beam, or Double Tee Beam
7	Wood or Timber	05	Box Beam or Girders – Multiple*
8	Masonry	06	Box Beam or Girders – Single or Spread*
9	Aluminum, Wrought Iron, or Cast	07	Frame (except frame culverts)
0	Other	08	Orthotropic
		09	Truss- Deck
		10	Truss- Thru or Pony
		11	Arch - Deck
		12	Arch - Thru
		13	Suspension
		14	Cable Stayed Girder
		15	Moveable - Lift
		16	Moveable – Bascule
		17	Moveable – Swing
		18	Tunnel
		19	Culvert (includes frame culverts)
		21	Segmental Box Girder
		22	Channel Beam
		88	Sign – Monotube – Span
		89	Sign – Monotube – Cantilever
		91	Cantilever Sign Structure
		92	Span Sign Structure
		93	Butterfly Sign Structure
		94	Cable Sign Structure
		96	High Mast Light Standard
		97	Traffic Signal Mast Arm
		98	Earth Retaining Wall
		00	Other

Note: Department employees can view the Bridge Management System (BMS) Coding Guide for BrM code definitions at the following link:

[BMS Coding Guide 04.04.2017](#)

E. DEFICIENCY DISCOVERY YEAR (DEF DISC YEAR)

This field is used to record the fiscal year in which the structural deficiency or deterioration, which causes the bridge to be placed on the Bridge Work Plan (BWP), is first discovered. These dates are used to determine compliance with department policy regarding time limits for taking corrective actions.

Note: 2019 means FY 2018/2019.

APPENDIX D5 – WORK PROGRAM BUDGET CATEGORIES

Click on the following link for a list of active work program budget categories and their descriptions:
<https://fdotewp1.dot.state.fl.us/fmsupportapps/WorkProgram/Support/AppendixD.aspx?CT=BC>

APPENDIX D6 – WPA DEFINITIONS

1. WORK PROGRAM ITEM NUMBER

The system assigned, sequential, six digit number used to identify each work program project.

2. ITEM SEGMENT

The item segment is used to partition a project for scheduling or funding reasons. Item segments may be used when the boundaries of construction projects are different from the preliminary engineering and/or right of way (R/W) phase of a project. It may also be used when it is desirable to use the same item number to track projects along a corridor. For example, the Florida Department of Transportation (department) may want or need to let different segments at different times. Item segments may **NOT** cross county lines, except for districtwide items. Item segment numbers cannot be reused for a new project and must be retained for historical purposes.

Note the following:

- Lettings are done via item segment.
- Item status is tracked via item segment.
- English/metric indicator is tracked via item segment.
- Item segments are limited to nine per item.

3. PHASE

The work program phase consists of the phase group and phase type. Phase group identifies the various major areas of work performed by the department, such as planning, R/W, construction, etc. Phase type identifies who is being paid to perform the work on a department defined activity. Examples include in-house, consultant/contractor, etc.

A list of the phase groups and phase types is available at the following link:

<https://fdotwp1.dot.state.fl.us/fmsupportapps/WorkProgram/Support/AppendixD.aspx?CT=PH>

Notes:

- Use phase type 4 when there is a grant number attached and it can be tracked in the Florida Accounting Information Resource (FLAIR) system. Typically the department is not involved in monitoring these projects.
- Use phase type 8 when department contracts with another governmental agency for services provided. The department will be responsible for the administration and oversight of the project (e.g., local agency program (LAP) projects).
- Do not use phase type C for direct programming. This phase is used as part of the automated redistribution of costs for districtwide/GC contracts.

4. FINANCIAL PROJECT SEQUENCE NUMBER

The number comprised of the work program item number, item segment, phase and financial project sequence number. Use a different financial project sequence if you would like to collect costs to isolate the project amount in the FLAIR system. For example, joint participation agreements with different utility companies should each carry a different sequence number. This is a two digit code.

5. PAY SEQUENCE

The pay sequence designates the order in which funds should be charged when multiple funds exist. This is an optional field and will default to pay sequence 1.

6. PROGRAM NUMBER

The two digit alpha numeric code used to crosswalk estimates to specific budget categories or classify generic phase usage. For example, program 07 identifies the arterial traffic operations improvement sub-program within the construction programs of the department. See the [program plan crosswalk](#) for specific combinations of program numbers allowed on each combination of transportation system and phase. Each combination of phase, transportation system and program number crosswalks to a specific program line in the Program and Resource Plan. It also denotes a specific appropriation category, and, when combined with budgeting district, a specific budget entity.

7. OVERRUN FLAG

The overrun indicator flag for the cost allocation process. When set to N, it signifies that accounting transactions allocated to the project cost estimate must not exceed the amount authorized.

- Note: the system will not allow all estimates to be set to N.

8. TRANSPORTATION SYSTEM

This code identifies the major system designations used by the department to meet Federal Highway Administration (FHWA) or program plan requirements.

A list of the transportation systems is available at the following link:

<https://fdotwp1.dot.state.fl.us/fmsupportapps/WorkProgram/Support/AppendixD.aspx?CT=TS>

Some department programs do not use all the codes available. For example, routine maintenance programs use code 05 to represent routine maintenance performed on the State Highway System not otherwise identified as interstate, turnpike or toll.

9. OLD ITEM NUMBER

The numbers assigned prior to the conversion to the FM system. This field is no longer used.

10. CONTRACT CLASS

Describes which category the contract is a part of.

A list of the contract classes is available at the following link:

<https://fdotwp1.dot.state.fl.us/fmsupportapps/WorkProgram/Support/AppendixD.aspx?CT=CC>

11. ITEM STATUS

This code specifies the stage of the project.

A list of the item statuses is available at the following link:

<https://fdotwp1.dot.state.fl.us/fmsupportapps/WorkProgram/Support/AppendixD.aspx?CT=ST>

12. EXAMPLES FOR WP CODE LISTINGS:

A. FIELDS IDENTIFIED ON THE ITEM SEGMENT DEFINITION (WP01) SCREEN:

- Item
- Segment
- Transportation system
- Contract type
- Status

WP01	D_ Display	Update	Item_Comm	Phases	Group
Seg_Comm	Location	Change_Hist	Status_Hist	Phase_Est	Phase_Sum
Items	Rel_Item				
FDOT - Work Program Administration					06-07-2018
Item/Segment Definition					08:56:40
					More:
Item: 429740	Segment: 1	Item Managing District: 04			Box Item: N (y/N)
Geo District: 04	County: 86 BROWARD	Project Mar: GOMEZ			
Trans System: 03	INTRASTATE STATE HIGHWAY			Contract Type: 1	
Work Mix . . : 0714	TRAFFIC SIGNAL UPDATE			Measure Type : E	
Status . . . : 100	LINE ITEM COMPLETED			As of: 02-07-2018	
Box Code . . : —	EMRG: —	Related Items: N		Old Item Number: —	
Description : (Version: Displayed - AD ADOPTED					Requested - G1)
SR-848/STIRLING RD @ OAKWOOD BLVD					
Work Length: 0.228	Project Length:			0.228 MI	
Item Segment Comments					Type (1=xdesc, 2=misc)
MODIFY E/W LEFT TURN PHASE TO PROTECTED-ONLY; MODIFY LANE					1
CONFIGURATION OF SBL APPROACH; UPGRADE LIGHTING					1
APPROVED SAFETY REPORT - PROJECT B/C RATIO IS 19.0					1
REPLACE STRAIN POLES W/MAST ARMS					1
					2
					2
Successfully displayed. No more data to display.					
F1=Help F3=Exit F5=Refresh F6=Clear F7=Bkwd F8=Frwd F15=Logoff					

B. FIELDS IDENTIFIED ON THE PHASE ESTIMATE DETAIL (WP20) SCREEN:

- Managing district
- Phase (group and type)
- Financial project sequence

- Program number
- Pay sequence
- Oversight flag

```

WP20  D Display                               Propose_Change
Prd_Prj_mgr Phase_Sum Auth_Req Fin_proj_Loc proj_cost_Hist Item_Seg_def Phases
Phase Group  Phase Type  FDOT - Work Program Administration 06-07-2018
Phase Estimate Detail - ADOPTED 09:03:35
Requested Version: G1 MORE: +
Item/Segment: 429740 1 Status: 100 LINE ITEM COMPLETED Old Item Nbr: _____
Desc: SR-848/STIRLING RD @ OAKWOOD BLVD
Trans Sys: 03 INTRASTATE STATE HIGHWAY Man Dist : 04 Box Item: N
Phase: 31 PE IN-HOUSE Phase Mgr :
Begin Search at FP Seq: 01 Phase Total: 18,892
FP PDC + Total AMT All Dstr Bud Apr Pay O
Seq FYR Fund Pgm Amount - Amount TYP Typ Typ/Area Dis Cat Seq V Status
01 2012 SA 00 1,300 1,300 E 1 04 M24B 1 Y 6 FINALD
2013 SA 00 7,392 7,392 E 1 04 M24B F Y 6 FINALD
2014 SA 00 8,773 8,773 E 1 04 M24B F Y 6 FINALD
2015 SA 00 1,427 1,427 E 1 04 M24B F Y 6 FINALD
Comment: Program # Overrun Flag
AAA250-I: Successfully displayed.
F1=Help F3=Exit F5=Refresh F6=Clear F7=Bkwd F8=Frwd F15=Logoff
    
```

13. ITEM SEGMENT STATUS UPDATES

The following status updates are driven by the WP20 screen in WPA, the Federal Aid Management System (FAMS) or the Project Scheduling and Management (PSM) system:

- Adopted, Not Begun (005) - WP20 and gaming adopt batch process: Set when the first phase on an item segment is adopted.
- Pre-Construction Underway (010) - WP20 (state funds) or FAMS (federal funds): When the first project delivery and environmental (PD&E) or preliminary engineering (PE) phase is authorized.
- R/W Acquisition Begun (014) - WP20 (state funds) or FAMS (federal funds): When R/W phase is authorized.
- Plans & R/W in Central Office (020) – PSM: When plans to Tallahassee actively occurs.
- Advertised (030) - Manually updated by Production Management staff: For contract class 1 projects only.
- Bids Received (040) - PSM: When this activity occurs and the status has not already been set by TRNS*PORT process. (Contract class not equal to 1.)
- Line Item Completed (100) - WP20: When last estimate is closed (status 5).

The following status updates are driven by a weekly batch process that runs against TRANS*PORT.

TRNS*PORT Status (TRNS*PORT Module)	Item Segment Status
Bids Received/Lettings (LAS)	Bids Received (040)
Award Date (LAS)	Awarded (060)
Execution Date (SIM)	Contract Executed (070)
Work Begin Date (SIM)	Under Construction (090) - Construction Or Work Underway (091) - Maintenance
Final Acceptance (SIM)	Construction Complete (096) (construction contracts only)

Note: District program staff must manually update item segments with construction contracts not in TRNS*PORT. Central office or district work program staff manually performs all other status updates.

14. PROJECT COST STATUS CODES

This code specifies the project cost status of the estimate.

A list of the project cost statuses is available at the following link:

<https://fdotwp1.dot.state.fl.us/fmsupportapps/WorkProgram/Support/AppendixD.aspx?CT=ES>

15. DISTRICT CODES

The following table presents district and central office division codes with related managing, budgeting and geographic indicators.

- Managing district is the district or central office division responsible for the project’s management.
- Geographic district is one of the seven physical districts in Florida where the project resides.
- Budgeting district is the district or central office division in which the budget will be requested.
- Production district is the district or central office division responsible for a group of phases when it differs from the managing district for the work program item.

The list of district comparisons is available at the following link:

<https://fdotwp1.dot.state.fl.us/fmsupportapps/WorkProgram/Support/AppendixD.aspx?CT=DC>

16. FUND ALLOCATION TYPE

Following are fund allocation codes, name and definitions.

- Code 1 REGULAR: The normal code for projects that require the use of state budget. Exceptions are made for program numbers 61, 69, 75 and 78, which are non-operating budget.
- Code 2 UNFUNDED: Not to be used at the current time. Reserve for future use.
- Code 3 REVENUE: No longer being used for new projects.

- Code 4 NON-BUDGETED: Used to identify funds not managed within the department's state budgeting process. Standard use is to identify federal funds from agencies other than FHWA which are paid directly from the federal government to local project sponsors without passing through the state budget.
- Code 5 PENDING CONVERSION: Coded to temporarily identify regular funds in the process of replacing advanced construction funds. When conversion is obligated, allocation type is changed to 1. These funds are not budgeted and should not normally be included as a use in the production accomplishment report (PAR).
- Code 6 TRANSFER: Used to indicate transfers from one outside agency to another outside agency or trust fund. Example of current use is for transfers from a FHWA fund to the Federal Transit Authority. The transfer amount is always coded without matching funds; include only the amount to be transferred. These funds are not budgeted but must always be included as a use in the PAR. Only for funds that do not generate an expenditure (pass-through dollars) with the exception of program number 75, State Infrastructure Bank to the Florida Turnpike Enterprise.

17. DISTRIBUTION AREA CODES

The following distribution area codes are to be used in conjunction with general use urban funds (SU, MU, BU) to identify specific transportation management areas, those with populations greater than 200,000.

A list of distribution areas is available at the following link:

<https://fdotewp1.dot.state.fl.us/fmsupportapps/WorkProgram/Support/AppendixD.aspx?CT=DA>

18. COUNTY CODES

A list of county codes is available at the following link:

<https://fdotewp1.dot.state.fl.us/fmsupportapps/WorkProgram/Support/AppendixD.aspx?CT=CO>

19. SYSTEM CODE INTERRELATIONSHIPS

PROJECT LEVEL	DATA ELEMENTS
Item	Managing District, Box Code, Project Manager
Item/Segment	Geographic District, Contract Type, English/Metric Indicator, Project Status, Work Mix, Letting Information, Physical Inventory Code (Road, Bridge, Airport), County
Item/Segment/Phase	Production Manager
Item/Segment/Phase/Sequence	Budgeting District, Fund, Amount, Fiscal Year, Phase Status, Program Number, Distribution Area, Allocation Type

20. REFERENCES

A report that will run selected codes listed in Appendix D of these instructions is available at:

<https://fdotewp1.dot.state.fl.us/fmsupportapps/WorkProgram/Support/AppendixD.aspx>

The program plan crosswalk is available at:

<https://owpb.fdot.gov/itemsegmentsearch/ProgramPlanCrosswalk.aspx>

APPENDIX D7 – ACTIVE FUND CODES AND GROUPS IN FM

Click on the following link for a complete list of active fund codes and fund groups:

<https://fdotewp1.dot.state.fl.us/fmsupportapps/WorkProgram/Support/AppendixD.aspx?CT=FC>

Note: O.F.A. means other federal aid.

APPENDIX D8 – ITEM GROUP IDENTIFIERS

Click on the following link for a list of item group identifiers and their descriptions:

<https://fdotewp1.dot.state.fl.us/fmsupportapps/WorkProgram/Support/AppendixD.aspx?CT=IG>

APPENDIX D9 – ACTIVE PROGRAM NUMBERS IN FM

Click on the following link for a complete list of program numbers and their descriptions:
<https://fdotewp1.dot.state.fl.us/fmsupportapps/WorkProgram/Support/AppendixD.aspx?CT=PN>

APPENDIX D10 – PROJECT SCHEDULE AND MANAGEMENT (PSM): ACTIVITY TO PHASE CROSSWALK

Phase	Phase Description	PSM Activity Number or Activity Event (AE)	Activity Description
Standard Activities			
12	Planning Consultant	253	Planning Contract Executed
22	PD&E Consultant	239	PD&E Contract Executed
31	PE In-House	250	PE Begin
32	PE Consultant	233	PE Contract Executed
4B	R/W Service Contract	349	R/W Service Contract Executed
41	R/W In-House	268	Documents to Right of Way
42	R/W Consultant	127	Right of Way Contract Executed
43	R/W Purchase	121	Right of Way Contract Negotiation
45	R/W Relocate	129	Right of Way Relocation Work
46	R/W Utility	282	Right of Way Contract Executed
5A	Construction Contract Bonus	166	Alternative Contract Payment
52	Construction Contractor	280	Letting Date
		283	Design Build Letting Date
54	Construction Grant	853	Construction Grant Executed
56	Construction Utility	205	Construction Utility Contract Executed
57	Construction Railroad	823	JPA to Railroad
62	CEI Contractor	203	CEI Consultant Contract Executed
72	Maintenance Contract	350	Maintenance Contract Executed
82	Operations Consultant	317	Operations Consultant Contract Exec.
84	Operations Grant	825	JPA Encumbered / Committed
92	Capital Consultant	318	Capital Consultant Contract Executed
93	Capital Purchase	318	Capital Consultant Contract Executed
94	Capital Grant	825	JPA Encumbered / Committed
C2	Environmental Consultant	323	Retention/Mitigat. R/W Requirements
C8	Environmental Other Agency	323	Retention/Mitigat. R/W Requirements
Local Agency (LAP)			
18	Planning Other Agency	448	Planning Other Agency
28	PD&E Other Agency	451	PD&E Other Agency
38	PE Other Agency	452	PE Other Agency
48	R/W Other Agency	453	R/W Other Agency
58	Construction Other Agency	454	Construction Other Agency
68	CEI Other Agency	455	CEI Other Agency
78	Maintenance Other Agency	456	Maintenance Other Agency
88	Operations Other Agency	457	Operations Other Agency
Other Required Activities Not Affiliated With The Beginning Of A Particular Phase			
		204	Production Date
		212	Transmit Package for Letting
		370	Plans to District Contract
Advanced Production Potential (APP) Activities			
12	Planning Consultant	50112	APP Approve by Date for PLAN CONSULT
22	PD&E Consultant	50222	APP Approve by Date for PD&E CONSULT
32	Preliminary Engineering Consultant	50332	APP Approve by Date for PRELIMINARY ENGINEERING CONSULTANT

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Phase	Phase Description	PSM Activity Number or Activity Event (AE)	Activity Description
36	Preliminary Engineering Consultant-Utilities	50336	APP Approve by Date for PRELIMINARY ENGINEERING CONSULTANT-UTILITIES
38	Preliminary Engineering Other Agency	50338	APP Approve by Date for PRELIMINARY ENGINEERING SERVICES
C2	Environmental Consultant/Contractor	504C2	APP Approve by Date for ENVIRONMENTAL CONSULTANT/CONTRACTOR
C8	Environmental Other Agency	504C8	APP Approve by Date for FOR R/W ENVR MITGTN
4B	R/W Service Contract	5044B	APP Approve by Date for R/W SVCS
42	R/W Consultant	50442	APP Approve by Date for R/W CONSULT
43	R/W Purchase	50443xxxx	APP Approve by Date for R/W PURCHASE
45	R/W Relocate	50445	APP Approve by Date for R/W RELOCATE
46	R/W Utility	50446	APP Approve by Date for R/W UTILITY
52	Construction Contractor	50552	APP Approve by Date for CONSTR
53	Construction Purchase	50553	APP Approve by Date for CONSTR PURCHASE
54	Construction Grant	50554	APP Approve by Date for CONSTR GRANT
56	Construction Utility	50556	APP Approve by Date for CONSTR UTILITY
57	Construction Railroad	50557	APP Approve by Date for PROD CONSTR RR
58	Construction Other Agency	50558xxxx	APP Approve by Date for CONSTR OTHER AGCY
5A	Construction Contract Bonus	5055A	APP Approve by Date for CONSTR CONTR BON
62	CEI Consultant	50562	APP Approve by Date for CEI CONSULTANT
68	CEI Other Agency	50568	APP Approve by Date for CEI OTHER AGENCY
84	Operations Grant	50884	APP Approve by Date for OPERATIONS GRANT
94	Capital Grant	50994	APP Approve by Date for CAPITAL GRANT
12	Planning Consultant	60112	APP Advance Date for PLANNING CONSULT
22	PD&E Consultant	60222	APP Advance Date for PD&E CONSULT

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Phase	Phase Description	PSM Activity Number or Activity Event (AE)	Activity Description
36	Preliminary Engineering Consultant-Utilities	60336	APP Advance Date for PRELIM ENG CONSULT-UTILITIES
32	Preliminary Engineering Consultant	60332	APP Advance Date for PRELIM ENG CONSULT
38	Preliminary Engineering Other Agency	60338	APP Advance Date for PRELIM ENG SVCS
C2	Environmental Consultant/Contractor	604C2	APP Advance Date for ENVIRONMENTAL CONSULTANT/CONTRACTOR
C8	Environmental Other Agency	604C8	APP Advance Date for R/W ENVR MITGT
4B	R/W Service Contract	6044B	APP Advance Date for R/W SVCS
42	R/W Consultant	60442	APP Advance Date for R/W CONSULT
43	R/W Purchase	60443	APP Advance Date for R/W PURCHASE
45	R/W Relocate	60445	APP Advance Date for R/W RELOCATE
46	R/W Utility	60446	APP Advance Date for R/W UTILITY
52	Construction Contractor	60552	APP Advance Date for CONSTRUCTION
53	Construction Purchase	60553	APP Advance Date for CONSTR PURCHASE
54	Construction Grant	60554	APP Advance Date for CONSTR GRANT
56	Construction Utility	60556	APP Advance Date for CONSTR UTILITY
57	Construction Railroad	60557	APP Advance Date for CONSTR RR
58	Construction Other Agency	60558	APP Advance Date for CONSTR OTHER AGENCY
5A	Construction Contract Bonus	6055A	APP Advance Date for CONSTR CONTR BONUS
62	CEI Consultant	60562	APP Advance Date for CEI CONSULTANT
68	CEI Other Agency	60568	APP Advance Date for CEI OTHER AGENCY
84	Operations Grant	60884	APP Advance Date for OPERATIONS GRANT
94	Capital Grant	60994	APP Advance Date for CAPITAL GRANT

APPENDIX D11 – ACTIVE WORK MIX GROUPS

Category	Major Code	Minor Code	Project Type	Definition of Work Mix
AVIATION/SPACEPORTS	8099		Public Trans In-House Support	Direct or Indirect in-house charges
AVIATION/SPACEPORTS	8165		PTO Studies	Public Transportation Study.
AVIATION/SPACEPORTS	8201		Aviation Safety Projects	Aviation Safety Project.
AVIATION/SPACEPORTS	8201	8801	Apron Lighting	Install apron lighting.
AVIATION/SPACEPORTS	8201	8802	ARFF Facility or Vehicle	Construct facility or purchase vehicle.
AVIATION/SPACEPORTS	8201	8803	Auto Weather Observation System	Purchase and install an automated weather observation system (AWOS or ASOS).
AVIATION/SPACEPORTS	8201	8804	Clear Zone Purch/Clearing	Purchase and clear land.
AVIATION/SPACEPORTS	8201	8805	Equipment	Purchase equipment (e.g. sweepers, mowers, computers, etc.).
AVIATION/SPACEPORTS	8201	8806	Fencing	Install fencing.
AVIATION/SPACEPORTS	8201	8807	Instrument Approach Aids/Equip	Install instrument approach equipment.
AVIATION/SPACEPORTS	8201	8808	New or Extended Overrun	Construct runway overrun.
AVIATION/SPACEPORTS	8201	8809	New/Extend/Expand Taxiway	Construct taxiway.
AVIATION/SPACEPORTS	8201	8810	Runway Extension	Construct a runway extension.
AVIATION/SPACEPORTS	8201	8811	Runway Grooving	Treat (groove) runway surface.
AVIATION/SPACEPORTS	8201	8812	Runway or Taxiway Lighting	Install lighting.
AVIATION/SPACEPORTS	8201	8813	Visual Approach Aids	Install visual approach aids.
AVIATION/SPACEPORTS	8203		Aviation Security Projects	Aviation Security Projects.
AVIATION/SPACEPORTS	8203	8801	Apron Lighting	Install apron lighting.
AVIATION/SPACEPORTS	8203	8805	Equipment	Install security equipment including computers, biometrics, etc.
AVIATION/SPACEPORTS	8203	8806	Fencing	Install security fence.
AVIATION/SPACEPORTS	8203	8814	Airfield Security Equipment	Install equipment.
AVIATION/SPACEPORTS	8203	8815	Cargo Screening Equipment	Install cargo screening equipment.

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Category	Major Code	Minor Code	Project Type	Definition of Work Mix
AVIATION/SPACEPORTS	8203	8816	Explosives Detection System	Install EDS and other equipment.
AVIATION/SPACEPORTS	8203	8817	In-line Baggage Equipment	Install in-line baggage system.
AVIATION/SPACEPORTS	8203	8818	New or Expanded Term Facility	Terminal construction.
AVIATION/SPACEPORTS	8203	8819	Terminal Security Equipment	Install equipment.
AVIATION/SPACEPORTS	8205		Aviation Preservation Projects	Aviation Preservation Projects.
AVIATION/SPACEPORTS	8205	8807	Instrument Approach Aids/Equip	Repair instrument approach aids.
AVIATION/SPACEPORTS	8205	8812	Runway or Taxiway Lighting	Repair lighting.
AVIATION/SPACEPORTS	8205	8820	Airfield Utilities	Repair utilities.
AVIATION/SPACEPORTS	8205	8821	Road Reconst/Repair/Overlay	Repair road.
AVIATION/SPACEPORTS	8205	8822	Apron Reconst/Repair/Overlay	Repair apron.
AVIATION/SPACEPORTS	8205	8823	Building Repair/Expansion	Repair building.
AVIATION/SPACEPORTS	8205	8824	Drainage/Retention	Repair drainage system or retention pond.
AVIATION/SPACEPORTS	8205	8825	Environmental Assessment/DRI	Environmental study.
AVIATION/SPACEPORTS	8205	8826	General Aviation Terminal	Repair terminal.
AVIATION/SPACEPORTS	8205	8827	Hangars	Repair hangar.
AVIATION/SPACEPORTS	8205	8828	Master Drainage Plan	Prepare a drainage plan.
AVIATION/SPACEPORTS	8205	8829	Multimodal Airport Access	Repair multimodal access facility (e.g. transit, rail, etc.).
AVIATION/SPACEPORTS	8205	8830	Passenger Terminal	Repair terminal.
AVIATION/SPACEPORTS	8205	8831	Pavement Test & Evaluation	Pavement study.
AVIATION/SPACEPORTS	8205	8832	People Mover/Moving Walkways	Repair people mover.
AVIATION/SPACEPORTS	8205	8833	Runway Reconst/Repair/Overlay	Repair runway.
AVIATION/SPACEPORTS	8205	8834	Taxiway Reconst/Repair/Overlay	Repair taxiway.
AVIATION/SPACEPORTS	8205	8835	Term Gates/Aircraft Bridges	Repair terminal gates or aircraft bridges.
AVIATION/SPACEPORTS	8207		Aviation Capacity Projects	Aviation Capacity Projects.
AVIATION/SPACEPORTS	8207	8807	Instrument Approach Aids/Equip	Install instrument approach equipment.

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Category	Major Code	Minor Code	Project Type	Definition of Work Mix
AVIATION/SPACEPORTS	8207	8809	New/Extend/Expand Taxiway	Construct a taxiway.
AVIATION/SPACEPORTS	8207	8812	Runway or Taxiway Lighting	Install runway lighting.
AVIATION/SPACEPORTS	8207	8818	New or Expanded Term Facility	Construct a terminal.
AVIATION/SPACEPORTS	8207	8824	Drainage/Retention	Construct drainage system or retention pond.
AVIATION/SPACEPORTS	8207	8825	Environmental Assessment/DRI	Study environmental impact.
AVIATION/SPACEPORTS	8207	8828	Master Drainage Plan	Design a master drainage plan.
AVIATION/SPACEPORTS	8207	8829	Multimodal Airport Access	Repair multimodal access facility (e.g. transit, rail, etc.).
AVIATION/SPACEPORTS	8207	8830	Passenger Terminal	Construct a passenger terminal.
AVIATION/SPACEPORTS	8207	8832	People Mover/Moving Walkways	Install a people mover.
AVIATION/SPACEPORTS	8207	8835	Term Gates/Aircraft Bridges	Install gates or aircraft bridges.
AVIATION/SPACEPORTS	8207	8836	Air Traffic Control Tower	Construct a control tower.
AVIATION/SPACEPORTS	8207	8837	Airport Access Road	Construct an access road.
AVIATION/SPACEPORTS	8207	8838	Airport Master/Layout Plan	Plan airport improvements (ALP).
AVIATION/SPACEPORTS	8207	8839	Aviation Systems Planning	Plan a statewide system of airports.
AVIATION/SPACEPORTS	8207	8840	Baggage Handling Equipment	Install baggage handling equipment.
AVIATION/SPACEPORTS	8207	8842	Helicopter Landing Area	Construct a helicopter landing area.
AVIATION/SPACEPORTS	8207	8843	Land Acquisition	Purchase land.
AVIATION/SPACEPORTS	8207	8844	New Airport	Construct a new Airport.
AVIATION/SPACEPORTS	8207	8845	New or Expanded Apron	Construct an apron.
AVIATION/SPACEPORTS	8207	8846	New or Expanded Cargo Facility	Construct a cargo facility.
AVIATION/SPACEPORTS	8207	8847	New Heliport	Construct a heliport.
AVIATION/SPACEPORTS	8207	8848	New Runway	Construct a runway.
AVIATION/SPACEPORTS	8207	8849	New Seaplane Base	Construct a seaplane base.
AVIATION/SPACEPORTS	8207	8850	Site Selection Study	Studying new airport sites.
AVIATION/SPACEPORTS	8207	8851	Taxiway Lighting	Install taxiway lighting.

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Category	Major Code	Minor Code	Project Type	Definition of Work Mix
AVIATION/SPACEPORTS	8209		Aviation Environmental Projects	Aviation Environmental Projects.
AVIATION/SPACEPORTS	8209	8824	Drainage/Retention	Construct drainage system or retention pond.
AVIATION/SPACEPORTS	8209	8825	Environmental Assessment/DRI	Study environmental impact.
AVIATION/SPACEPORTS	8209	8828	Master Drainage Plan	Design a drainage plan.
AVIATION/SPACEPORTS	8209	8843	Land Acquisition	Purchased land to mitigate the environmental impact.
AVIATION/SPACEPORTS	8209	8852	Environmental mitigation	Conduct a project to mitigate environmental impact.
AVIATION/SPACEPORTS	8209	8853	FAA Reg Part 150 Noise Study	Analyze airport noise.
AVIATION/SPACEPORTS	8209	8854	Noise Mitigation	Conduct a project to mitigate airport noise.
AVIATION/SPACEPORTS	8211		Aviation Revenue & Operational	Airport Revenue and Operational Improvements.
AVIATION/SPACEPORTS	8211	8805	Equipment	Purchase equipment (e.g. ramp sweepers, etc.).
AVIATION/SPACEPORTS	8211	8809	New/Extend/Expand Taxiway	Construct a taxiway.
AVIATION/SPACEPORTS	8211	8820	Airfield Utilities	Construct utilities for a revenue-producing facility.
AVIATION/SPACEPORTS	8211	8825	Environmental Assessment/DRI	Environmental impact of an economic development project.
AVIATION/SPACEPORTS	8211	8826	General Aviation Terminal	Construct a terminal.
AVIATION/SPACEPORTS	8211	8827	Hangars	Construct a hangar for lease.
AVIATION/SPACEPORTS	8211	8845	New or Expanded Apron	Construct an apron.
AVIATION/SPACEPORTS	8211	8855	Air Service Analysis & Promotion	Analyze and promote new air service.
AVIATION/SPACEPORTS	8211	8856	Auto Parking	Construct a parking facility.
AVIATION/SPACEPORTS	8211	8857	Economic Development Planning	Design an airport economic development plan.
AVIATION/SPACEPORTS	8211	8858	Buildings	Construct buildings for lease (administration, rental, etc.).
AVIATION/SPACEPORTS	8211	8859	Computer Systems	Purchase computer systems.
AVIATION/SPACEPORTS	8211	8860	Fuel Facility	Construct an aircraft fueling facility.
AVIATION/SPACEPORTS	8211	8861	On-Airport Road	Construct a road.

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Category	Major Code	Minor Code	Project Type	Definition of Work Mix
AVIATION/SPACEPORTS	8880		Spaceport Safety Project	Project that increases safety of spaceport operations or facilities.
AVIATION/SPACEPORTS	8881		Spaceport Security Project	Project that improves security of spaceport crew, passenger, or cargo/freight operation. Example projects include security cameras and fencing.
AVIATION/SPACEPORTS	8882		Spaceport Preservation Project	Project that extends/increases the usable life of the spaceport system or launch support facility.
AVIATION/SPACEPORTS	8883		Spaceport Capacity Project	Project that increases spaceport capacity. Examples include processing and launch support facilities, taxiways, aprons, and fueling areas.
AVIATION/SPACEPORTS	8884		Spaceport Environmental Project	Project to enhance or mitigate environmental impacts of a spaceport project. Example projects include wetlands mitigation and ground pollution cleanup.
AVIATION/SPACEPORTS	8885		Spaceport Revenue/Operational	Project that improves spaceport operational efficiency and/or revenue services.
AVIATION/SPACEPORTS	9980		Preliminary Engineering	Engineering design.
BRIDGE	0020		New Bridge Construction	For new bridge only. Not used for replace, rehabilitation, operations, maintenance or rail bridge.
BRIDGE	0022		Bridge Replacement	Replacement bridge only. Not used for new. Not used for railroad, culvert, or movable span.
BRIDGE	0023		Bridge - Replace and Add Lanes	Replacement of existing lanes or the addition of new lanes on a bridge. Must add lanes. Not for replace only.
BRIDGE	0024		Bridge Repair/ Rehabilitation	Repair only. Not used for new construction.
BRIDGE	0025		Bridge - Rehabilitate and Add Lanes	Rehabilitation of existing lanes or the addition of new lanes on a bridge. Must add lanes. Not for rehabilitation only.
BRIDGE	0026		New Rail Bridge Construction	For new rail bridge only. Not used for replace, rehabilitation, operations, or maintenance.
BRIDGE	0027		New Bridge w/ No Added Capacity	No capacity added when adding a new bridge.

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Category	Major Code	Minor Code	Project Type	Definition of Work Mix
BRIDGE	0029		Miscellaneous Structure	Other structures attached to the bridge, such as overhead signs, abutment walls, lighting fixtures, etc.
BRIDGE	0031		Fishing Pier	Fishing Pier.
BRIDGE	0032		Bridge Demolition	Demolition of existing structure.
BRIDGE	0315		Fender Work	Pier protection systems.
BRIDGE	0327		Construct Bridge Culvert	For new bridge culverts only. Not for new bridges. Culvert greater than 20 feet.
BRIDGE	0328		Pedestrian or Wildlife Overpass	Pedestrian or wildlife bridge constructed over roadway, railway, or waterway.
BRIDGE	0329		Pedestrian or Wildlife Underpass	Pedestrian or wildlife tunnel constructed under roadway, railway, or waterway.
BRIDGE	0330		Construct Culvert	For new culvert only. Not for new bridges. Culvert less than 20 feet.
BRIDGE	0333		Replace Bridge with Culvert	Replacement of bridge with non-inventoried structure (culvert).
BRIDGE	0424		Replace Movable Span Bridge	Replacement only. Not used for new. Not used for bridge, bridge culvert, or railroad span.
BRIDGE	0425		Replace Railroad Bridge	Replacement only. Not used for new. Not used for bridge, bridge culvert, or movable span.
BRIDGE	0427		Replace or Widen Br Culvert	Replacement only. Not used for new. Not used for railroad, bridge, or movable span.
BRIDGE	0429		Bridge Rehabilitation	Rehabilitation only. Not used for new construction.
BRIDGE	0925		Bridge Painting	Painting only.
BRIDGE	6050		Drawbridge Operations Contract	Operations for drawbridge only.
BRIDGE	7092		Bridge Routine Maintenance	Maintenance only. Not for replacement or rehabilitation.
BRIDGE	7093		Bridge Operations	Operations for bridge only. Not for drawbridge.
BRIDGE	8345		Rail Preservation Project	Project that extends/increases the usable life of a segment of railroad. Example projects include tie replacement, track replacement,

Category	Major Code	Minor Code	Project Type	Definition of Work Mix
				bridge/trestle replacement or repair (excludes routine maintenance of rail structures).
CAPACITY	0002		New Road Construction	For new road only. Not used for replace, rehabilitation, operations, or maintenance.
CAPACITY	0020		New Bridge Construction	For new bridge only. Not used for replace, rehabilitation, operations, maintenance or rail bridge.
CAPACITY	0023		Bridge - Replace and Add Lanes	Replacement of existing lanes or the addition of new lanes on a bridge. Must add lanes. Not for replace only.
CAPACITY	0025		Bridge - Rehabilitate and Add Lanes	Rehabilitation of existing lanes or the addition of new lanes on a bridge. Must add lanes. Not for rehabilitation only.
CAPACITY	0026		New Rail Bridge Construction	For new rail bridge only. Not used for replace, rehabilitation, operations, or maintenance.
CAPACITY	0037		Ferry Boat/Water Taxi	Water Taxi Service
CAPACITY	0213		Add Lanes & Reconstruct	For new lanes of an existing roadway and the reconstruction of existing lanes during the addition of the new lanes. Must add lanes. Not for reconstruction only.
CAPACITY	0218		Add Lanes & Rehabilitate Pavement	For new lanes of an existing roadway and the rehabilitation of pavement of existing lanes during the addition of the new lanes. Must add lanes. Not for rehabilitation only.
CAPACITY	0229		Interchange Ramp (New)	For new interchange ramp only.
CAPACITY	0230		Interchange (New)	For the construction of a new interchange (two roadways intersecting at a grade-separated overpass with ramps) where one currently does not exist.
CAPACITY	0232		Intersection (New)	For the construction of a new intersection (two roadways intersecting at grade) where one currently does not exist.
CAPACITY	0234		Add Special Use Lane	For new special use lanes only. These include High Occupancy Vehicle (HOV), High Occupancy Toll (HOT) and Exclusive Bus Lane.
CAPACITY	0235		Roundabout	Intersection reconfiguration.

Category	Major Code	Minor Code	Project Type	Definition of Work Mix
CAPACITY	0236		Interchange Add Lanes	For the modification of a grade-separated interchange with the intent of increasing capacity. This includes the expansion by adding lanes to ramps, adding specific directional ramps, or adding lanes along the mainline.
CAPACITY	0237		Add Managed Lanes	For new managed lanes only. These lanes are dynamic priced based on congestion.
CAPACITY	0547		Add Thru Lane(s)	For new thru lane on existing facility only.
CAPACITY	0548		Add Auxiliary Lane(s)	For new auxiliary lane on existing facility only.
CAPACITY	0549		Add Left Turn Lane(s)	For new left turn lane on existing facility only.
CAPACITY	0550		Add Right Turn Lane(s)	For new right turn lane on existing facility only.
CAPACITY	0551		Add Turn Lane(s)	For new turn lanes (composite) on existing facility only.
CAPACITY	0630		Interchange Justification/Modification	Study for modification of existing or potential new interchanges.
CAPACITY	0750		ITS Communication System	Projects include the planning, design, deployment and integration of communications infrastructure that support ITS.
CAPACITY	0752		ITS Surveillance System	Projects that provide surveillance of traffic and roadway conditions or security of critical infrastructure.
CAPACITY	0753		Traffic Management Centers	Hubs for communications infrastructure and contain information systems that support the management and operations of facilities and services.
CAPACITY	0754		ADV Traveler Information System	Advanced Traveler Information Systems (ATIS).
CAPACITY	0756		ITS Freeway Management	Projects that include the planning, design, deployment and integration of roadside infrastructure.
CAPACITY	0760		Dynamic Message Sign	Devices that provide information to the public at the facility level, such as incidents that have occurred that may impact travel times and/or travel speeds.
CAPACITY	0761		ATMS – Arterial Traffic Management	Traffic signal systems, characterized by the interconnection of signals and the use of computers that provide for the safe and

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Category	Major Code	Minor Code	Project Type	Definition of Work Mix
				efficient movement of traffic along urban arterials.
CAPACITY	2000		Right of Way - Future Capacity	For Right of Way for potential capacity projects only. No other phases associated with project.
CAPACITY	8053		Public Transportation Station	Construction of transfer station for transit, rail, or intermodal facility.
CAPACITY	8140		Park and Ride Lots	Commuter Parking.
CAPACITY	8165		PTO Studies	Public Transportation Study.
CAPACITY	8207		Aviation Capacity Project	For enhancement of aviation capacity. Must be capacity project such as new or extended runway or taxiway.
CAPACITY	8350		Rail Capacity Project	For enhancement of rail capacity. Must be a capacity project such as track upgrade, double tracking, or siding. Does not include rail crossings.
CAPACITY	8401		Seaport Capacity Project	Project that increases seaport capacity. Example projects include capacity dredging, berth expansion, etc.
CAPACITY	8420		Intermodal Hub Capacity	For enhancement of intermodal hub capacity. Hub must connect more than one mode of transport.
CAPACITY	8883		Spaceport Capacity Project	Project that increases spaceport capacity. Examples include processing and launch support facilities, taxiways, aprons, and fueling areas.
CAPACITY	9982		PE for Potential Capacity Projects	For engineering studies, documents, plans, specifications for capacity projects.
CAPACITY	9999		PD&E/EMO Study	Project Development and Environment for potential capacity projects only. No other phases associated with project.
ENGINEERING	0920		Inspect Construction Projects	For Construction Engineering and Inspection of all projects.
ENGINEERING	0921		Material Testing/Geotechnical	Material testing/geotechnical services provided under PE & CEI consultant categories. To be used for districtwide testing consultant contract.

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Category	Major Code	Minor Code	Project Type	Definition of Work Mix
ENGINEERING	8841		Feasibility Study	Study the feasibility of a project.
ENGINEERING	9980		Preliminary Engineering	For engineering studies, documents, plans, specifications for non-capacity projects. Used for neither PD&E, Traffic, nor any capacity project.
ENGINEERING	9981		Special Surveys	Special Surveys.
ENGINEERING	9982		Prelim Eng For Future Capacity	For engineering studies, documents, plans, specifications for capacity projects.
ENGINEERING	9999		PD&E/EMO Study	Project Development and Environment for potential capacity projects only. No other phases associated with project.
ENVIRONMENTAL	0046		Environmental Test/Mitigate	Environmental testing and mitigation.
ENVIRONMENTAL	1039		Environmental Permits Acquisition	Environmental Permit Acquisition.
ENVIRONMENTAL	1053		Wetland Mitigation/Restoration	Mitigation and Restoration of wetlands.
ENVIRONMENTAL	1061		Critical Habitat Restoration	Restore critical habitats.
ENVIRONMENTAL	8525		Environmental/Demographics Data Collection	Data Collection for Environmental /Demographics.
INFORMATION SYSTEMS	9001		In-House System Development	Maintenance of products purchased from software vendors.
INFORMATION SYSTEMS	9003		In-House System Maintenance	Maintenance of systems developed in-house by DOT employees and consultants.
INFORMATION SYSTEMS	9004		Program Product Maintenance	Development of new application systems by DOT employees and consultants.
INFORMATION SYSTEMS	9005		Information Systems	For the development and use of information systems by FDOT employees.
INTELLIGENT TRANSPORTATION SYS	0750		ITS Communication System	Projects include the planning, design, deployment and integration of communications infrastructure that support ITS.
INTELLIGENT TRANSPORTATION SYS	0751		Other ITS	Should be used for ITS projects that do not meet any of the other descriptions of ITS work mixes identified herein.

Category	Major Code	Minor Code	Project Type	Definition of Work Mix
INTELLIGENT TRANSPORTATION SYS	0752		ITS Surveillance System	Projects that provide surveillance of traffic and roadway conditions or security of critical infrastructure.
INTELLIGENT TRANSPORTATION SYS	0753		Traffic Management Centers	Hubs for communications infrastructure and contain information systems that support the management and operations of facilities and services.
INTELLIGENT TRANSPORTATION SYS	0754		ADV Traveler Information System	Advanced Traveler Information Systems (ATIS).
INTELLIGENT TRANSPORTATION SYS	0756		ITS Freeway Management	Projects that include the planning, design, deployment and integration of roadside infrastructure.
INTELLIGENT TRANSPORTATION SYS	0757		TMC Software & System Integration	Specialized computer software and hardware for data collection and dissemination.
INTELLIGENT TRANSPORTATION SYS	0758		Commercial Vehicle Info System/Network	A federal program that brings all data on a commercial vehicle together in one location for the sharing of that data among state agencies.
INTELLIGENT TRANSPORTATION SYS	0760		Dynamic Message Sign	Devices that provide information to the public at the facility level, such as incidents that have occurred that may impact travel times and/or travel speeds.
INTELLIGENT TRANSPORTATION SYS	0761		ATMS - Arterial Traffic Management	Traffic signal systems, characterized by the interconnection of signals and the use of computers that provide for the safe and efficient movement of traffic along urban arterials.
INTERMODAL	0002		New Road Construction	For new road only. Not used for replace, rehabilitation, operations, or maintenance.
INTERMODAL	0020		New Bridge Construction	For new bridge only. Not used for replace, rehabilitation, operations, maintenance or rail bridge.
INTERMODAL	0023		Bridge - Replace and Add Lanes	Replacement of existing lanes or the addition of new lanes on a bridge. Must add lanes. Not for replace only.
INTERMODAL	0025		Bridge - Rehabilitate and Add Lanes	Rehabilitation of existing lanes or the addition of new lanes on a bridge. Must add lanes. Not for rehabilitation only.
INTERMODAL	0026		New Rail Bridge Construction	For new rail bridge only. Not used for replace, rehabilitation, operations, or maintenance.

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Category	Major Code	Minor Code	Project Type	Definition of Work Mix
INTERMODAL	0037		Ferry Boat/Water Taxi	Water Taxi Service
INTERMODAL	0040		Transportation Planning	Highway planning activities
INTERMODAL	0213		Add Lanes & Reconstruct	For new lanes of an existing roadway and the reconstruction of existing lanes during the addition of the new lanes. Must add lanes. Not for reconstruction only.
INTERMODAL	0218		Add Lanes & Rehabilitate Pavement	For new lanes of an existing roadway and the rehabilitation of pavement of existing lanes during the addition of the new lanes. Must add lanes. Not for rehabilitation only.
INTERMODAL	0229		Interchange Ramp (New)	For new interchange ramp only.
INTERMODAL	0230		Interchange (New)	For the construction of a new interchange (two roadways intersecting at a grade-separated overpass with ramps) where one currently does not exist.
INTERMODAL	0232		Intersection (New)	For the construction of a new intersection (two roadways intersecting at grade) where one currently does not exist.
INTERMODAL	0234		Add Special Use Lane	For new special use lanes only. These include High Occupancy Vehicle (HOV), High Occupancy Toll (HOT) and Exclusive Bus Lane.
INTERMODAL	0236		Interchange Add Lanes	For the modification of a grade-separated interchange with the intent of increasing capacity. This includes the expansion by adding lanes to ramps, adding specific directional ramps, or adding lanes along the mainline.
INTERMODAL	0547		Add Thru Lane(s)	For new thru lane on existing facility only.
INTERMODAL	0549		Add Left Turn Lane(s)	For new left turn lane on existing facility only.
INTERMODAL	0550		Add Right Turn Lane(s)	For new right turn lane on existing facility only.
INTERMODAL	0551		Add Turn Lane(s)	For new turn lanes (composite) on existing facility only.
INTERMODAL	0630		Interchange Justification/Modification	Study for modification of existing or potential new interchanges.

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INTERMODAL	0750		ITS Communication System	Projects include the planning, design, deployment and integration of communications infrastructure that support ITS.
INTERMODAL	0752		ITS Surveillance System	Projects that provide surveillance of traffic and roadway conditions or security of critical infrastructure.
INTERMODAL	0753		Traffic Management Centers	Hubs for communications infrastructure and contain information systems that support the management and operations of facilities and services.
INTERMODAL	0754		ADV Traveler Information System	Advanced Traveler Information Systems (ATIS).
INTERMODAL	0756		ITS Freeway Management	Projects that include the planning, design, deployment and integration of roadside infrastructure.
INTERMODAL	0760		Dynamic Message Sign	Devices that provide information to the public at the facility level, such as incidents that have occurred that may impact travel times and/or travel speeds.
INTERMODAL	2000		Right of Way - Future Capacity	For Right of Way for potential capacity projects only. No other phases associated with project.
INTERMODAL	8051		Public Transportation Shelter	Construction of shelter for transit, rail or intermodal facility.
INTERMODAL	8053		Public Transportation Station	Construction of transfer station for transit, rail, or intermodal facility.
INTERMODAL	8099		Public Trans In-House Support	Direct or In-direct in-house charges.
INTERMODAL	8140		Park and Ride Lots	Commuter Parking.
INTERMODAL	8165		PTO Studies	Public Transportation Study.
INTERMODAL	8201		Aviation Safety Projects	Aviation Safety Project.
INTERMODAL	8201	8801	Apron Lighting	Install apron lighting.
INTERMODAL	8201	8802	ARFF Facility or Vehicle	Construct facility or purchase vehicle.
INTERMODAL	8201	8803	Auto Weather Observation System	Purchase and install an automated weather observation system (AWOS or ASOS).
INTERMODAL	8201	8804	Clear Zone Purch/Clearing	Purchase and clear land.

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INTERMODAL	8201	8805	Equipment	Purchase equipment (e.g. sweepers, mowers, computers, etc.).
INTERMODAL	8201	8806	Fencing	Install fencing.
INTERMODAL	8201	8807	Instrument Approach Aids/Equip	Install instrument approach equipment.
INTERMODAL	8201	8808	New or Extended Overrun	Construct runway overrun.
INTERMODAL	8201	8809	New/Extend/Expand Taxiway	Construct taxiway.
INTERMODAL	8201	8810	Runway Extension	Construct a runway extension.
INTERMODAL	8201	8811	Runway Grooving	Treat (groove) runway surface.
INTERMODAL	8201	8812	Runway or Taxiway Lighting	Install lighting.
INTERMODAL	8201	8813	Visual Approach Aids	Install visual approach aids.
INTERMODAL	8203		Aviation Security Projects	Aviation Security Projects.
INTERMODAL	8203	8801	Apron Lighting	Install apron lighting.
INTERMODAL	8203	8805	Equipment	Install security equipment including computers, biometrics, etc.
INTERMODAL	8203	8806	Fencing	Install security fence.
INTERMODAL	8203	8814	Airfield Security Equipment	Install equipment.
INTERMODAL	8203	8815	Cargo Screening Equipment	Install cargo screening equipment.
INTERMODAL	8203	8816	Explosives Detection System	Install EDS and other equipment.
INTERMODAL	8203	8817	In-line Baggage Equipment	Install in-line baggage system.
INTERMODAL	8203	8818	New or Expanded Term Facility	Terminal construction.
INTERMODAL	8203	8819	Terminal Security Equipment	Install equipment.
INTERMODAL	8205		Aviation Preservation Projects	Aviation Preservation Projects.
INTERMODAL	8205	8807	Instrument Approach Aids/Equip	Repair instrument approach aids.
INTERMODAL	8205	8812	Runway or Taxiway Lighting	Repair lighting.
INTERMODAL	8205	8820	Airfield Utilities	Repair utilities.
INTERMODAL	8205	8821	Road Reconst/Repair/Overlay	Repair road.

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INTERMODAL	8205	8822	Apron Reconst/Repair/Overlay	Repair apron.
INTERMODAL	8205	8823	Building Repair/Expansion	Repair building.
INTERMODAL	8205	8824	Drainage/Retention	Repair drainage system or retention pond.
INTERMODAL	8205	8825	Environmental Assessment/DRI	Environmental study.
INTERMODAL	8205	8826	General Aviation Terminal	Repair terminal.
INTERMODAL	8205	8827	Hangars	Repair hangar.
INTERMODAL	8205	8828	Master Drainage Plan	Prepare a drainage plan.
INTERMODAL	8205	8829	Multimodal Airport Access	Repair multimodal access facility (e.g. transit, rail, etc.).
INTERMODAL	8205	8830	Passenger Terminal	Repair terminal.
INTERMODAL	8205	8831	Pavement Test & Evaluation	Pavement study.
INTERMODAL	8205	8832	People Mover/Moving Walkways	Repair people mover.
INTERMODAL	8205	8833	Runway Reconst/Repair/Overlay	Repair runway.
INTERMODAL	8205	8834	Taxiway Reconst/Repair/Overlay	Repair taxiway.
INTERMODAL	8205	8835	Term Gates/Aircraft Bridges	Repair terminal gates or aircraft bridges.
INTERMODAL	8207		Aviation Capacity Projects	Aviation Capacity Projects.
INTERMODAL	8207	8807	Instrument Approach Aids/Equip	Install instrument approach equipment.
INTERMODAL	8207	8809	New/Extend/Expand Taxiway	Construct a taxiway.
INTERMODAL	8207	8812	Runway or Taxiway Lighting	Install runway lighting.
INTERMODAL	8207	8818	New or Expanded Term Facility	Construct a terminal.
INTERMODAL	8207	8824	Drainage/Retention	Construct drainage system or retention pond.
INTERMODAL	8207	8825	Environmental Assessment/DRI	Study environmental impact.
INTERMODAL	8207	8828	Master Drainage Plan	Design a master drainage plan.
INTERMODAL	8207	8829	Multimodal Airport Access	Repair multimodal access facility (e.g. transit, rail, etc.).
INTERMODAL	8207	8830	Passenger Terminal	Construct a passenger terminal.

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INTERMODAL	8207	8832	People Mover/Moving Walkways	Install a people mover.
INTERMODAL	8207	8835	Term Gates/Aircraft Bridges	Install gates or aircraft bridges.
INTERMODAL	8207	8836	Air Traffic Control Tower	Construct a control tower.
INTERMODAL	8207	8837	Airport Access Road	Construct an access road.
INTERMODAL	8207	8838	Airport Master/Layout Plan	Plan airport improvements (ALP).
INTERMODAL	8207	8839	Aviation Systems Planning	Plan a statewide system of airports.
INTERMODAL	8207	8840	Baggage Handling Equipment	Install baggage handling equipment.
INTERMODAL	8207	8842	Helicopter Landing Area	Construct a helicopter landing area.
INTERMODAL	8207	8843	Land Acquisition	Purchase land.
INTERMODAL	8207	8844	New Airport	Construct a new Airport.
INTERMODAL	8207	8845	New or Expanded Apron	Construct an apron.
INTERMODAL	8207	8846	New or Expanded Cargo Facility	Construct a cargo facility.
INTERMODAL	8207	8847	New Heliport	Construct a heliport.
INTERMODAL	8207	8848	New Runway	Construct a runway.
INTERMODAL	8207	8849	New Seaplane Base	Construct a seaplane base.
INTERMODAL	8207	8850	Site Selection Study	Studying new airport sites.
INTERMODAL	8207	8851	Taxiway Lighting	Install taxiway lighting.
INTERMODAL	8209		Aviation Environmental Projects	Aviation Environmental Projects.
INTERMODAL	8209	8824	Drainage/Retention	Construct drainage system or retention pond.
INTERMODAL	8209	8825	Environmental Assessment/DRI	Study environmental impact.
INTERMODAL	8209	8828	Master Drainage Plan	Design a drainage plan.
INTERMODAL	8209	8843	Land Acquisition	Purchased land to mitigate the environmental impact.
INTERMODAL	8209	8852	Environmental mitigation	Conduct a project to mitigate environmental impact.
INTERMODAL	8209	8853	FAA Reg Part 150 Noise Study	Analyze airport noise.

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INTERMODAL	8209	8854	Noise Mitigation	Conduct a project to mitigate airport noise.
INTERMODAL	8211		Aviation Revenue & Operational	Airport Revenue and Operational Improvements.
INTERMODAL	8211	8805	Equipment	Purchase equipment (e.g. ramp sweepers, etc.).
INTERMODAL	8211	8809	New/Extend/Expand Taxiway	Construct a taxiway.
INTERMODAL	8211	8820	Airfield Utilities	Construct utilities for a revenue-producing facility.
INTERMODAL	8211	8825	Environmental Assessment/DRI	Environmental impact of an economic development project
INTERMODAL	8211	8826	General Aviation Terminal	Construct a terminal.
INTERMODAL	8211	8827	Hangars	Construct a hangar for lease.
INTERMODAL	8211	8845	New or Expanded Apron	Construct an apron.
INTERMODAL	8211	8855	Air Service Analysis & Promotion	Analyze and promote new air service.
INTERMODAL	8211	8856	Auto Parking	Construct a parking facility.
INTERMODAL	8211	8857	Economic Development Planning	Design an airport economic development plan.
INTERMODAL	8211	8858	Buildings	Construct buildings for lease (administration, rental, etc.).
INTERMODAL	8211	8859	Computer Systems	Purchase computer systems.
INTERMODAL	8211	8860	Fuel Facility	Construct an aircraft fueling facility.
INTERMODAL	8211	8861	On-Airport Road	Construct a road.
INTERMODAL	8310		Purchase Rail Right of Way	Purchase abandoned rail right of way.
INTERMODAL	8335		Rail Safety Project	Project that increases safety of rail operations or improves the safety of highway/rail grade crossings. Example projects include grade crossing improvements, conversion from passive to active warning devices and quiet zone improvements.
INTERMODAL	8340		Rail Security Project	Project that improves security of passenger or freight operation. Example projects include rail yard security cameras and fencing.
INTERMODAL	8345		Rail Preservation Project	Project that extends/increases the usable life of a segment of railroad. Example projects include tie replacement, track replacement,

Category	Major Code	Minor Code	Project Type	Definition of Work Mix
				bridge/trestle replacement or repair (excludes routine maintenance of rail structures).
INTERMODAL	8350		Rail Capacity Project	Project that increases rail capacity/throughput. Example projects include double-track, siding, track upgrade, positive train control and train signal system improvement projects (excludes highway/rail crossing related improvements).
INTERMODAL	8355		Rail Environment Project	Project to enhance or mitigate environmental impacts of a rail project. Example projects include wetlands mitigation and rail yard ground pollution cleanup.
INTERMODAL	8360		Rail Revenue/Operational Improvement	Project that improves operational efficiency and/or revenue services on a commuter rail or intercity passenger rail system. Example projects include station improvements, informational kiosks and positive train control.
INTERMODAL	8401		Seaport Capacity Project	Project that increases seaport capacity. Example projects include capacity dredging, berth expansion, etc.
INTERMODAL	8402		Seaport Safety Project	Project that increases safety of seaport operations or facilities.
INTERMODAL	8403		Seaport Security Project	Project that improves security of seaport passenger or freight operation. Example projects include security cameras and fencing.
INTERMODAL	8404		Seaport Preservation Project	Project that extends/increases the usable life of a seaport system or facility
INTERMODAL	8406		Seaport Environmental Project	Project to enhance or mitigate environmental impacts of a seaport project. Example projects include wetlands mitigation and ground pollution cleanup.
INTERMODAL	8407		Seaport Revenue/Operational Project	Project that improves seaport operational efficiency and/or revenue services.
INTERMODAL	8420		Intermodal HUB Capacity	For enhancement of intermodal hub capacity. Hub must connect more than one mode of transport.
INTERMODAL	8705		Modal Systems Planning	SIS, Aviation, Rail, Seaport planning activities
INTERMODAL	9916		Dredge	Existing channel dredging.
INTERMODAL	9980		Preliminary Engineering	Engineering design.

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INTERMODAL	9982		PE for Potential Capacity Projects	For engineering studies, documents, plans, specifications for capacity projects.
INTERMODAL	9999		PD&E/EMO Study	Project Development and Environment for potential capacity projects only. No other phases associated with project.
LANDSCAPING	1070		Landscaping	To plant trees and shrubs.
LANDSCAPING	1071		Vegetation Mitigation/Clearing and Trimming	To mitigate vegetation by clearing and trimming.
MAINTENANCE	0062		Service Patrol/FHP	Service Patrol
MAINTENANCE	6060		Routine Maintenance	The minor repair and preventative maintenance activities necessary to maintain a satisfactory and efficient condition.
MAINTENANCE	7084		Outdoor Advertising Mitigation	Provides process for Outdoor Advertising industry to remove vegetation from around their signs.
MAINTENANCE	7087		Periodic Maintenance	Activities that are large in scope and require a major work effort to restore deteriorated elements or components to a satisfactory and serviceable condition.
MAINTENANCE	8101		Vehicle Preventative Maintenance	Vehicle Preventative Maintenance.
MAINTENANCE	9915		Drainage Improvements	Improve existing drainage.
MISCELLANEOUS	0033		Building Repair/Rehabilitation	Repair or rehabilitation of buildings not owned by DOT (Example: Historic rail station).
MISCELLANEOUS	0037		Ferry Boat/Water Taxi	Water Taxi Service
MISCELLANEOUS	0041		Funding Action	Contingency, target and reserve boxes.
MISCELLANEOUS	0061		Emergency Operations	Preparation and recovery efforts related to a catastrophic event.
MISCELLANEOUS	0115		Wayside Park	Construction of wayside parks.
MISCELLANEOUS	0116		Boat Ramp	Construction of boat ramp.
MISCELLANEOUS	0123		Toll Plaza	Construction of toll plazas, toll plaza operations, or purchase toll equipment.
MISCELLANEOUS	0125		Toll Collection	Activities related to the operation of toll collection facilities.

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MISCELLANEOUS	0126		Toll Data Center	Activities related to the operation of the Tolls Data Center
MISCELLANEOUS	0206		Parking Facility	Construction of parking lots or parking garages.
MISCELLANEOUS	0310		Construct Special Structure	Construction of structures other than roads, bridges, or toll plazas. Example: Noise Wall, Ferry Terminal.
MISCELLANEOUS	0553		Road/Slope Protection	Stabilize slope and erosion control.
MISCELLANEOUS	0554		Median Modification	Median openings between inside edges of pavement.
MISCELLANEOUS	6075		D.O.C. Contract	Contract with the Department of Corrections for inmate labor.
MISCELLANEOUS	8841		Feasibility Study	Study the feasibility of a project.
MISCELLANEOUS	9006		DBE Supportive Services	To assist prime contractors on priority projects and identify qualified DBE.
MISCELLANEOUS	9924		Miscellaneous Construction	Construction activities that are not identified in other construction-related work mixes.
MISCELLANEOUS	9925		Fixed Capital Outlay	For work performed on DOT facilities, other than Toll Facilities and Weigh Stations.
MISCELLANEOUS	9928		Research	Research and studies.
MISCELLANEOUS	9950		Training	Educational Programs and or development of educational materials.
MISCELLANEOUS	9951		Public Information/Education	Activities related to public information or education.
PLANNING	0040		Transportation Planning	Highway planning activities.
PLANNING	0640		Urban Corridor Planning	Planning activities for corridors connecting two or more major cities.
PLANNING	8530		Transportation Statistics	This type of work involves data collection, analysis, editing, processing, and reporting of data to support planning.
PLANNING	8615		Corridor/Subarea Planning	Study entire areas or portion of areas within the state of Florida.
PLANNING	8705		Modal Systems Planning	SIS, aviation, rail, seaport planning activities.

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PLANNING	8800		Geographic Info. Systems	All data contained in shape files and analysis tools using GIS.
PLANNING	8841		Feasibility Study	Study the feasibility of a project.
PLANNING	9990		ETDM Mobility Screening	Efficient Transportation Decision Making (ETDM) Screening.
PLANNING	9998		Planning Models/Data Update	Statewide model updates.
RAIL	8051		Public Transportation Shelter	Construction of shelter for transit, rail or intermodal facility
RAIL	8053		Public Transportation Station	Construction of transfer station for transit, rail, or intermodal facility.
RAIL	8099		Public Trans In-House Support	Direct or In-direct in-house charges.
RAIL	8115		Technical Assistance	Technical assistance for transit training, legal support and rail passenger/freight support.
RAIL	8165		PTO Studies	Public Transportation Study.
RAIL	8310		Purchase Rail Right of Way	Purchase abandoned rail right of way.
RAIL	8335		Rail Safety Project	Project that increases safety of rail operations or improves the safety of highway/rail grade crossings. Example projects include grade crossing improvements, conversion from passive to active warning devices and quiet zone improvements.
RAIL	8340		Rail Security Project	Project that improves security of passenger or freight operation. Example projects include rail yard security cameras and fencing.
RAIL	8345		Rail Preservation Project	Project that extends/increases the usable life of a segment of railroad. Example projects include tie replacement, track replacement, bridge/trestle replacement or repair (excludes routine maintenance of rail structures).
RAIL	8350		Rail Capacity Project	Project that increases rail capacity/throughput. Example projects include double-track, siding, track upgrade, positive train control and train signal system improvement projects (excludes highway/rail crossing related improvements).
RAIL	8355		Rail Environment Project	Project to enhance or mitigate environmental impacts of a rail project. Example projects

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				include wetlands mitigation and rail yard ground pollution cleanup.
RAIL	8360		Rail Revenue/Operational Improvement	Project that improves operational efficiency and/or revenue services on a commuter rail or intercity passenger rail system. Example projects include station improvements, informational kiosks and positive train control.
RAIL	8420		Intermodal Hub Capacity	For enhancement of intermodal hub capacity. Hub must connect more than one mode of transport.
RECONSTRUCTION	0005		Flexible Pavement Reconstruct.	Projects where the base layers of pavement are being reworked or replaced and no new through lanes are being added.
RECONSTRUCTION	0102		Road Reconstruction - 2 Lane	Reconstruction of 2 lane roadways
RECONSTRUCTION	0213		Add Lanes & Reconstruct	For new lanes of an existing roadway and the reconstruction of existing lanes during the addition of the new lanes. Must add lanes. Not for reconstruction only.
RECONSTRUCTION	0217		Rigid Pavement Reconstruction	Use where an entire rigid pavement section is being replaced, not just distressed slabs.
REHABILITATION	0218		Add Lanes & Rehabilitate Pavement	For new lanes of an existing roadway and the rehabilitation of pavement of existing lanes during the addition of the new lanes. Must add lanes. Not for rehabilitation only.
REHABILITATION	0227		Rigid Pavement Rehabilitation	Use where existing rigid pavement slabs are being rehabilitated through slab replacements, spall repairs and grinding to prevent an entire section of pavement from deteriorating further.
REHABILITATION	0429		Bridge Rehabilitation	Rehabilitation only. Not used for new construction.
REST AREAS	0109		Rest Area	Rest Area.
REST AREAS	0110		Rest Area (Dual)	Rest Area and Welcome Center at one location.
REST AREAS	0122		Welcome Station	Welcome Station.
REST AREAS	6040		Rest Area Maintenance Contract	Rest Area Maintenance Contract.
REST AREAS	6041		Rest Area Maintenance Security Contract	Rest Area Maintenance Security Contract.

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RESURFACING	0005		Flexible Pavement Reconstruct.	Projects where the base layers of pavement are being reworked or replaced and no new through lanes are being added.
RESURFACING	0012		Resurfacing	Use where the existing layers of pavement are being structurally improved without affecting the existing base.
RESURFACING	0015		Resurfacing - Ride Only	Repair roadway ride problems.
RESURFACING	0217		Rigid Pavement Reconstruction	Use where an entire rigid pavement section is being replaced, not just distressed slabs.
RESURFACING	0221		Widen & Resurface Existing Lanes	Use where the existing roadway is also being brought up to standards by adding less than a lane of pavement to widen. No new lanes are being added. Includes widening and paving of shoulders.
RESURFACING	0226		Pavement Only Resurfacing (Flex)	Use where the pavement does not need additional structural capacity. The project must also be 100% state funded and not on the high crash list. Will be exempt from the 3R requirements of Volume1, Chapter 25 of the FDOT Design Manual. Use of this work mix requires approval from the Central Pavement Management Section of the Roadway Design Office and pavement only projects must be programmed with this work mix.
RESURFACING	0227		Rigid Pavement Rehabilitation	Use where existing rigid pavement slabs are being rehabilitated through slab replacements, spall repairs and grinding to prevent an entire section of pavement from deteriorating further.
RIGHT OF WAY	0050		Right of Way Activities	Use when the project does not exist directly for the purpose of producing real property for transportation projects.
RIGHT OF WAY	2000		Right of Way - Future Capacity	Use for projects that exist for the purpose of producing real property for transportation projects.
RIGHT OF WAY	2001		Right of Way Acquisition	For Right of Way for potential capacity projects only. No other phases associated with project.
SAFETY	0010		Traffic Ops Improvement	Improvements to the traffic flow and or increase the traffic capacity of the facility.
SAFETY	0106		Bike Path/Trail	Bike Lane/Trail.

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SAFETY	0107		Bike Lane/Sidewalk	Bike Lane Sidewalk.
SAFETY	0205		Sidewalk	Sidewalk.
SAFETY	0216		Skid Hazard Overlay	Pavement where a slick surface is the only major problem and a friction course with minor leveling can eliminate a skid hazard.
SAFETY	0221		Widen & Resurface Existing Lanes	Use where the existing roadway is also being brought up to standards by adding less than a lane of pavement to widen. No new lanes are being added. Includes widening and paving of shoulders.
SAFETY	0231		Interchange Improvements	For the modification to a grade-separated interchange that does not add lanes and would be considered non-capacity improvements.
SAFETY	0233		Intersection Improvement	Rehabilitation or modification of existing intersection.
SAFETY	0235		Roundabout	Intersection reconfiguration.
SAFETY	0328		Pedestrian or Wildlife Overpass	Pedestrian bridge constructed over roadway, railway, or waterway.
SAFETY	0541		Guardrail	Guardrail.
SAFETY	0543		Pave Shoulders	Prevents the pavement edge from eroding and provides a small amount of pavement for the drivers that stray out of the travel lane to correct for the error safely.
SAFETY	0714		Traffic Signal Update	Replacing some or all of the components of a traffic signal at an intersection to bring them up to the operational needs for the current intersection traffic needs.
SAFETY	0716		Traffic Signals	Installation of new traffic signal(s).
SAFETY	0717		Traffic Control Devices/System	Refers to an interconnected set of electronic traffic signals that provides for progression through multiple intersections.
SAFETY	0760		Dynamic Message Sign	Devices that provide information to the public at the facility level, such as incidents that have occurred that may impact travel times and/or travel speeds.

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SAFETY	0761		ATMS - Arterial Traffic Management	Traffic signal systems, characterized by the interconnection of signals and the use of computers that provide for the safe and efficient movement of traffic along urban arterials.
SAFETY	0768		Railroad Crossing	Railroad Crossing at grade improvements.
SAFETY	0774		Signing/Pavement Markings	The placement of roadside signs such as regulatory, informational, street name, caution, advisory speed, etc. and associated pavement markings.
SAFETY	0775		Overhead Signing	Involves the placement of signs over traffic lanes for the purpose of providing drivers with information needed to make decisions as to the proper lane choice or when/where to turn.
SAFETY	0777		Lighting	To add or modify the street lighting to improve the visibility generally in an urban setting.
SAFETY	9917		Safety Project	Activities to promote safety in and near work areas. This type of work is generally associated with large construction projects not categorical safety improvements.
SAFETY	9956		Pedestrian Safety Improvement	Improvements to a pedestrian facility.
SEAPORTS	8099		Public Trans In-House Support	Direct or In-direct in-house charges.
SEAPORTS	8165		PTO Studies	Public Transportation Study.
SEAPORTS	8401		Seaport Capacity Project	Project that increases seaport capacity. Example projects include capacity dredging, berth expansion, etc.
SEAPORTS	8402		Seaport Safety Project	Project that increases safety of seaport operations or facilities.
SEAPORTS	8403		Seaport Security Project	Project that improves security of seaport passenger or freight operation. Example projects include security cameras and fencing.
SEAPORTS	8404		Seaport Preservation Project	Project that extends/increases the usable life of a seaport system or facility
SEAPORTS	8406		Seaport Environmental Project	Project to enhance or mitigate environmental impacts of a seaport project. Example projects include wetlands mitigation and ground pollution cleanup.

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SEAPORTS	8407		Seaport Revenue/Operational Project	Project that improves seaport operational efficiency and/or revenue services.
SEAPORTS	8408		Seaport Intermodal Logistic Center	For projects defined in 311.101 F.S.
TRAFFIC ENGINEERING	0235		Roundabout	Intersection reconfiguration.
TRAFFIC ENGINEERING	0548		Add Auxiliary Lane(s)	For new auxiliary lane on existing facility only.
TRAFFIC ENGINEERING	0554		Median Modification	Median openings between the inside edges of pavement.
TRAFFIC ENGINEERING	0714		Traffic Signal Update	Replacing some or all of the components of a traffic signal at an intersection to bring them up to the operational needs for the current intersection traffic needs.
TRAFFIC ENGINEERING	0715		Traffic Engineering Study	Traffic engineering study.
TRAFFIC ENGINEERING	0717		Traffic Control Devices/System	Refers to an interconnected set of electronic traffic signals that provides for progression through multiple intersections.
TRANSIT	8000		Transit Facility Security	Security for Transit Facility.
TRANSIT	8051		Public Transportation Shelter	Construction of shelter for transit, rail or intermodal facility.
TRANSIT	8053		Public Transportation Station	Construction of transfer station for transit, rail, or intermodal facility.
TRANSIT	8064		Transit Improvement	State match for grants and miscellaneous transit improvement projects.
TRANSIT	8099		Public Trans In-House Support	Direct or In-direct in-house charges.
TRANSIT	8100		Purchase Vehicles/Equipment	Bus, vans and related transit equipment and facilities purchases.
TRANSIT	8105		Transit Service Demonstration	Public Transit Service Development Program projects.
TRANSIT	8110		Operating/Admin Assistance	Operating assistance for non-fixed route (demand response) transit services.
TRANSIT	8115		Technical Assistance	Technical assistance for transit training, legal support and rail passenger/freight support.

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TRANSIT	8125		Commuter Trans. Assistance	Commuter Assistance projects (TMA's, Regional Rideshare, etc.).
TRANSIT	8140		Park and Ride Lots	Commuter Parking.
TRANSIT	8145		Fixed Guideway Improvements	Fixed guideway rail and bus rapid transit projects.
TRANSIT	8150		Urban Corridor Improvements	Urban transit corridor program projects.
TRANSIT	8155		Construct Transit Facility	Construction of Transit Facility other than shelter/station
TRANSIT	8165		PTO Studies	Public Transportation Study.
TRANSIT	8170		Capital for Fixed Route	Bus purchases, facilities and equipment for fixed route transit services.
TRANSIT	8171		Operating for Fixed Route	Eligible Operations cost for fixed route transit services.
TRANSPORTATION DISADVANTAGED	8172		TD Commission - Capital	Capital costs for Providers including acquisition of vehicles.
TRANSPORTATION DISADVANTAGED	8173		TD Commission - Operating	Operating costs (including in-house support) for TD Commission and Providers.
UTILITY	0780		Utility Contracts	Contractual agreement with utility companies for the purpose of relocating facilities.
UTILITY	8287		Relocate Utility Systems	The relocation of utilities on the Department's R/W. Note: The only instances we would construct utilities is for a Rest Area or Weigh Station. Therefore, may want to remove the Const/.
WEIGH STATIONS	0111		MCCO Weigh Station Static Only	MCCO Weigh Station Static Only.
WEIGH STATIONS	0112		MCCO Weigh Station Static/WIM	MCCO Weigh Station Static/Weigh In Motion.

A list of work mixes is also available at the following link:

<https://fdotwp1.dot.state.fl.us/fmsupportapps/WorkProgram/Support/AppendixD.aspx?CT=WM>.