

## District 7 Design- Build Push Button Contract



GREENHORNE & O'MARA  
CONSULTING ENGINEERS



Federal Highway  
Administration

*"Working Together to Solve Safety Challenges in the Tampa Bay Area"*

# DISTRICT 7 DESIGN-BUILD PUSH BUTTON (FEDERAL SAFETY AND STATE FUNDS)

Tasks & \$ amount issued for FDOT Fiscal  
year 2009/2010 – FM 254677



## DISTRICT 7 DESIGN-BUILD PUSH BUTTON Tasks & \$ in FDOT FY 2009/2010

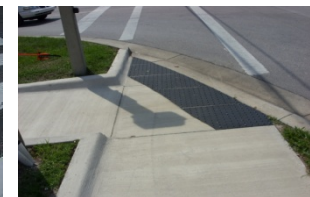
- *Programmed \$13.025M (\$4.725 DS fund + \$1.8M for signal hanger state earned mark fund & \$6.5M HSP fund)*
- **Issued 13 tasks/23 projects -- 9 federal safety funded projects & 14 state funded projects**
- **Federal safety funded projects covered 53 highway miles of Inverted Profile marking to address lane departure crashes, pedestrian safety improvement for 288 intersections & one intersection to address red light running crashes.**
- **State funded projects covered 2 ITS projects, signal re-built for 11 locations, signal hangers for 144 locations & intersection operational improvement for 3 locations.**



# DISTRICT 7 DESIGN-BUILD PUSH BUTTON

## • Purpose and objective:

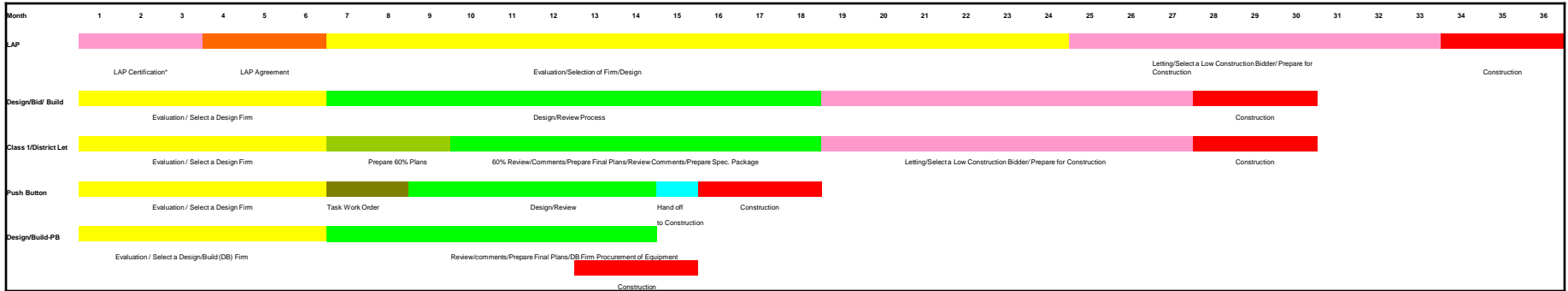
- Streamlined Process
- Quick Solutions to operational & safety problems
- Covering wide range of projects
- Faster results
- Innovative Approach
- Biggest bang for the buck
- Time Factor
- Similar to the old TOPICS program





# DISTRICT 7 DESIGN-BUILD PUSH BUTTON

## • Why Design-Build Push Button ? (Time Factor)



Project Type	Lap certification (Months)	LAP Agreement	Selection of Design Firm	Prepare 60% Plans	Task Work Order	Design/ Review Process	Letting	Hand Off to Construction	Construction	Total Timeline (Months)
LAP Project	3	4	17	N.A.	N.A.	Already included	9	N.A.	3	36
Design / Bid / Build	N.A.	N.A.	6	N.A.	N.A.	12	9	N.A.	3	30
Class 1 / District Let	N.A.	N.A.	6	3	N.A.	9	9	N.A.	3	30
Push Button	N.A.	N.A.	6	N.A.	2	6	N.A.	1	3	18
Design Build / Push Button	N.A.	N.A.	6	N.A.	N.A.	7	N.A.	N.A.	3 (Overlap)	15

**\* Note : Several 'Tasks' can be issued under DBPB versus one task under LAP/Design-Bid-Build Projects**



## DISTRICT 7 DESIGN-BUILD PUSH BUTTON

### • D7 DBPB Task 1 Details:

- Let / Start Date : January 19<sup>th</sup> 2010
- Contract Days for Task 1 : 189 Days
- Completion Date for Task 1: July 31, 2010
- Total Cost (Lump Sum): \$1,627,82.15
- Total Number of Projects: 11
- Local Agencies Involved: *Counties:* Citrus, Hernando, Pasco, Hillsborough and Pinellas; *Cities:* Tampa, Pinellas Park, St. Petersburg
- Project Types: Inverted Profile Markings, Signal Improvements, Intersection Improvements, Overhead Warning Signs, ITS Improvements, and Pedestrian Safety Improvements





## DISTRICT 7 DESIGN-BUILD PUSH BUTTON

### • Future Tasks under current D7 DBPB:

District 7 Design Build Push Button contract can issue numerous tasks, covering various project types through the life of the contract (2 years in this case)

- **Task 2 - PEDESTRIAN SAFETY IMPROVEMENT** (*NTP issued*): **270 days -- HSP**
  - The task requires the Design Build Push Button team to prepare a set of plans and specifications and construct Pedestrian Crossing High Emphasis Crosswalk Marking Enhancements for up to 249 signalized intersections and 37 mid-block crossing within District Seven. This work is to include but is not limited to installation of ladder style high emphasis crosswalks, pedestrian signals, pedestrian push buttons, curb ramps, sidewalks etc.
- **Task 3 - TRAFFIC OPERATIONS / SAFETY** (*NTP issued*): **150 days -- HSP**
  - The task requires the Design Build Push Button team to prepare a set of plans and specifications and construct concrete medians in the place of existing Quick Kurb medians in Hillsborough and Pasco Counties at six locations.
- **Task 4 - SIGNAL IMPROVEMENT / OPERATIONS** (*NTP issued*): **270 days – State Fund**
  - The task requires the Design Build Push Button team to prepare a set of plans and specifications and construct traffic signal hanger upgrades in accordance with those plans for up to 144 signalized intersections within District Seven. The work is to include but not limited to installations of traffic signal hanger upgrade, new traffic signal disconnect, new signal cable etc.



## DISTRICT 7 DESIGN-BUILD PUSH BUTTON

### • Future Tasks under current D7 DBPB:

- **Task 5:** Inverted Profile Pavement markings for various segments in various Counties (HSP)
- **Task 6:** Median Improvements to provide left turn offsets on Roosevelt Blvd at 58<sup>th</sup> St. (State)
- **Task 7:** ITS Enhancements in Pinellas County from 54<sup>th</sup> Ave S to North of Skyway Bridge toll plaza (State Fund)
- **Task 8:** Realignment of SR 60 travel lanes to fit the need of City of Clearwater near Highland Ave.
- **Task 9:** Traffic Signal rebuilds – Pinellas County 3 Locations (State Fund)
- **Task 10:** Traffic Signal rebuilds – Hillsborough County 1 location (State Fund)
- **Task 11:** Traffic Signal rebuilds – Hernando County 3 locations (State Fund)
- **Task 12:** Traffic Signal rebuilds – Citrus County 2 locations (State Fund)
- **Task 13:** Pedestrian Signals for 24 signalized intersections (HSP)