



FLORIDA DEPARTMENT OF TRANSPORTATION

FDOT DESIGN-BUILD OVERVIEW



BRIAN BLANCHARD, P.E., ASSISTANT SECRETARY

**2013 Design-Build Workshop
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Orlando, FL**



Today's Discussion

- Why Do We Use Design-Build Contracts
- How Much Design-Build Are We Doing
- Design-Build Statistics
- Technical Review Committee & CPR
- Where Are We Heading



Why Do We Use Design-Build Contracts?

- Single Point of Responsibility
- Better Quality Control
- Opportunity for Innovation
- Cost savings + Improved Risk Management
- Reduced Administrative Burden for Owner
- Reduce/eliminate Cost Overruns/claims
- Time savings/Faster Delivery

One Contract, One Integrated Team



HOW MUCH DESIGN-BUILD ARE WE DOING?

These numbers represent Highway and Bridge Program Contract Classes 1, 7, 9 (CO, District and DB) and include: BRIDGE, RESURFACING, ROADWAY, SAFETY AND TRAFFIC OPERATIONS

HOW MUCH DESIGN-BUILD ARE WE DOING?

FY of Letting	DOLLAR VOLUME IN \$M			NUMBER OF PROJECTS			DB Lettings include these major projects:
	Contract Lettings (Class 1,7,9)	Design-Build (Class 9)	% of \$M of Projects as DB	Contract Lettings (Class 1, 7, 9) # of Contracts	# of DB Contracts	% of Number of Projects as DB	
2000-2009 AVERAGE ACTUAL	\$2,255	\$335	15%	529	15	3%	
2010 ACTUAL	\$2,270	\$1,060	47%	622	131	21%	\$551M SR826/SR836; 91 ARRA @ \$924M
2011 ACTUAL	\$1,894	\$746	39%	512	70	14%	\$72M I-95/SR-9; \$84M I-95/Express/Hot Lns; \$94M SR-A1A Flagler Memorial Br.; 19 ARRA @ \$99M
2012 ACTUAL	\$2,362	\$1,091	46%	500	59	12%	\$215M I-275; \$135M I-4; \$149M I-95; \$118M I-95/SR9;
2013 ACTUAL	\$2,272	\$792	35%	526	56	11%	\$83M Gandy Blvd; \$98M SR 79 Projects; \$119M US331 Choctawhatchee Bay; \$77M SR23; \$96M SR9B Ph III;
2014 7-1-13 SNAPSHOT (*DOES NOT INCLUDE TARGETS & RESERVES)	*\$2,809	\$1,659	59%	489	54	11%	Includes 14 projects >\$50M; \$277M SR 826 project; \$297M I-75 managed lane projects;



DESIGN-BUILD IN FY 2014

MAJOR DESIGN-BUILD PROJECTS FOR FY 2014 > \$50 M

DIST	ITEM-SEG	DESCRIPTION	EST IN \$M
06	432687-1	SR 826 FROM FLAGLER ST TO NW 154 ST. & I-75 FROM SR 826 TO NW 170 ST.	277
04	421707-5	SR-93/I-75 ML SYSTEM FR S OF SHERIDAN ST INTRG TO N OF GRIFFIN ROAD	107
04	421707-4	SR-93/I-75 ML SYSTEM FR S OF MIRAMAR PKWY INTG TO S OF SHERIDAN ST	102
04	421707-6	SR-93/I-75 ML SYSTEM FR N OF GRIFFIN ROAD TO I-595	88
02	213345-7	I-295 (SR 9A) FROM BUCKMAN BRIDGE TO I-95 MANAGED LANES	87
07	258736-2	I-75 (SR 93) FROM NORTH OF SR/CR 54 TO NORTH OF SR 52	81
05	242626-2	I-75 FROM HERNANDO CO LINE TO CR 470	77
02	416501-4	I-95 INTERCHANGE @ SR 202 / JT BUTLER BLVD OPERATIONAL IMPROVEMENT	71
08	415051-1	WIDEN HEFT - S OF KILLIAN PKWY TO N OF SW72ST (19.4-21.87)INC EXP LANES	66
02	430565-1	SR 23 FR: SR 21 (BLANDING BLVD) TO: DUVAL C/L	64
08	427146-1	WIDEN HEFT N OF SW72 TO BIRD RD)(MP21.873-23.8)(6TO10) INC EXPRESS LNS	55
02	209607-1	SR 105 HECKSCHER DR SISTERS CREEK BRIDGE BRIDGE #720061	54
08	429350-1	WIDEN VETERANS FROM S OF GUNN TO SUGARWOOD MAINLINE PLAZA (MP 9-11)	54
01	415621-2	US 41 FROM SR 951 TO GREENWAY	50



SUMMARY OF PUBLIC-PRIVATE PARTNERSHIP PROJECTS (P3) AS OF JULY 2013

DISTRICT	TYPE	DESCRIPTION	EXECUTED	TARGET COMPLETION	ESTIMATE \$M
UNDER PROCUREMENT:					
D5	DFBOM	I-4 ULTIMATE	2015 4 TEAMS SHORT LISTED ON 6/5/13		2.1B
UNDER CONTRACT:					
D3	DBF	SR 79	JAN 13	APR 17	98
D1	DBF	I-75 NORTH OF SR 80 TO SOUTH OF SR78	SEP 12	APR 15	72
D2	DBF	SR 9B	SEP 12	OCT 15	95
D5	DBF	I-95 FROM SOUTH OF SR 406 TO NORTH OF SR 44	AUG 12	AUG 16	118
D7	BF	I-4 CONNECTOR	JAN 10	FEB 14	404
D4	DBF	PALMETTO SECTION 5 - SR 826/836 INTERCHANGE	NOV 09	JUN 15	564
D1	BF	US 19	OCT 09	JAN 15	114
D6	DBFOM	PORT OF MIAMI TUNNEL	OCT 09	AUG 14	663
D4	DBFOM	I-595 IMPROVEMENTS	MAR 09	MAR 14	1.2B
UNDER CONTRACT/CONSTRUCTION COMPLETE:					
D6	DBF	US 1 IMPROVEMENTS IN THE "18-MILE STRETCH"	FEB 08	FEB 11	114
CONTRACT COMPLETE:					
D1	DBF	I-75 IN LEE AND COLLIER COUNTIES	MAY 07	OCT 11	458
D6	DBF	PALMETTO WIDENING/INTCHG SECTION 2	SEP 08	MAR 12	192
D4	DBF	I-95 WIDENING/PINEDA CAUSEWAY INTERCHANGE	MAR 08	FEB 12	200
D6	DBF	I-95 EXPRESS LANES PHASE I	JAN 08	APR 10	139



Summary of Adjusted Scores

Design-Build Projects

(as of August 9, 2013)

➤ All Adjusted Score D-B Projects (45)

- (45)-Average of 7.1 responsive firms submitting an ELOI
- (44)-Average of 4.4 responsive firms proceeding to Phase II
- (39)-Average of 4.3 firms submitting Technical Proposals
- (37)-Average of 4.3 firms submitting Price Proposals

➤ Design-Build Finance Projects (4) Only

- Average of 7.8 responsive firms submitting an ELOI
- Average of 5.0 responsive firms proceeding to Phase II
- Average of 5.0 firms submitting Technical Proposals
- All 4 of the DBF projects were within the Max Bid



Summary for ASDB Score & Price History

(as of August 9, 2013)

Current History with Two Phase adjusted score.			Previous history for the period of time one and half years prior to July of 2012*
Total number of contracts	37	Percentage of total number of contracts	39
Number of winners with the highest or second highest ELOI (Phase 1) scores	27	73%	
Number of winners with the highest overall technical score	19	51%	67%
Number of winners with the lowest price	28	76%	69%
Number of winners with both highest Technical Scores and lowest price	11	30%	38.5
Number of winners that were not the lowest price	9	24%	31%
			* Source email from CMP dated July 12, 2012
Summary of Two Phase Adjusted Score Design-Build since January 2011			
Total estimated cost	1,751,590,662		
Total bids received	1,424,591,838		
Percentage below estimate	19%		



Technical Review Committee (TRC)

CPR Issues

- Members must have completed Proposal Evaluator training
 1. Understand and accept the Department's D-B philosophy
 2. Be open to innovation
 3. Be free from biases
 4. Have expertise in their field
- At least 1 must be a PE



Technical Review Committee (TRC) CPR Issues (cont)

- Depending on nature of project of the project a representative from the CO may participate
- Districts are to submit the TRC members to the CO when the draft RFP is submitted
- Additional Design-Build staff resources in State Construction Office



Questions



For more information contact:

Brian Blanchard, P.E.

*Assistant Secretary for Engineering and
Operations*

Florida Department of Transportation

(850) 414-5258

brian.blanchard@dot.state.fl.us



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