

FLORIDA DEPARTMENT OF TRANSPORTATION

ACCOMPLISHING OUR MISSION

Brian Blanchard, Chief Engineer, P.E.

**2011 FTBA Annual Convention
August 4 - 7, 2011
Marco Island Beach Resort
Marco Island, FL**

Legislative Impacts

- Private sector job creation is job #1
- Agency wide effort to streamline FDOT (administrative services and increased efficiency).
- Approximately \$44.3 million in operating cuts, deleted 169 vacant positions
- Transfers MCCO to DHSMV (315 positions)
- \$150 million sweep of STTF (to education)
- (300M commitment impact reduced to 94M)

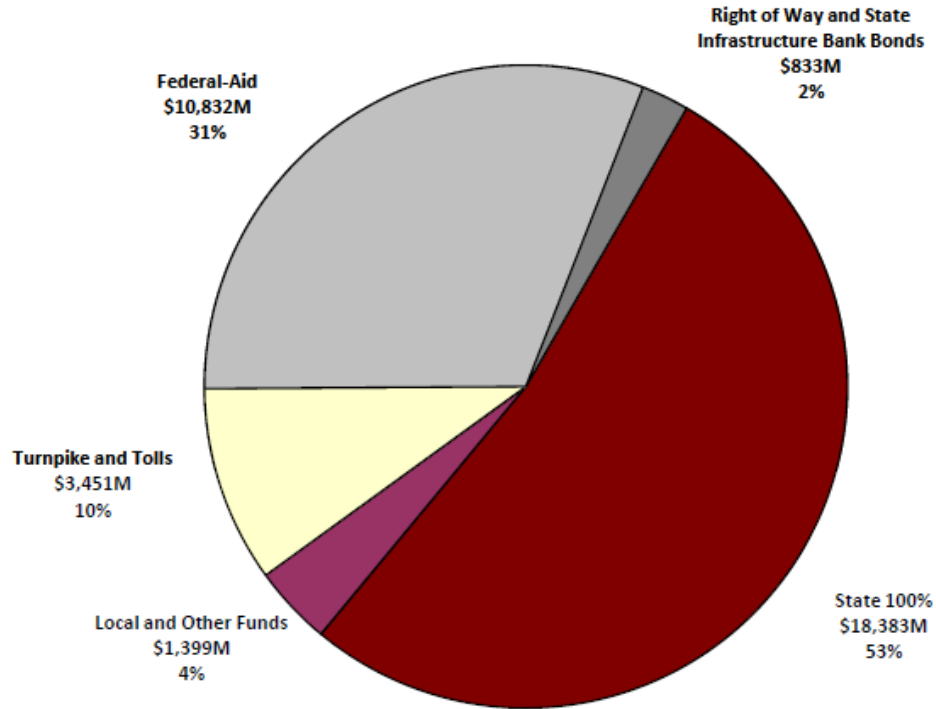
OUR MISSION

- Providing a safe transportation system**
- Ensuring the mobility of people and goods**
- Enhancing economic prosperity**
- Preserving the quality of our environment and communities.**

HOW DOES DOT ACCOMPLISH OUR MISSION...

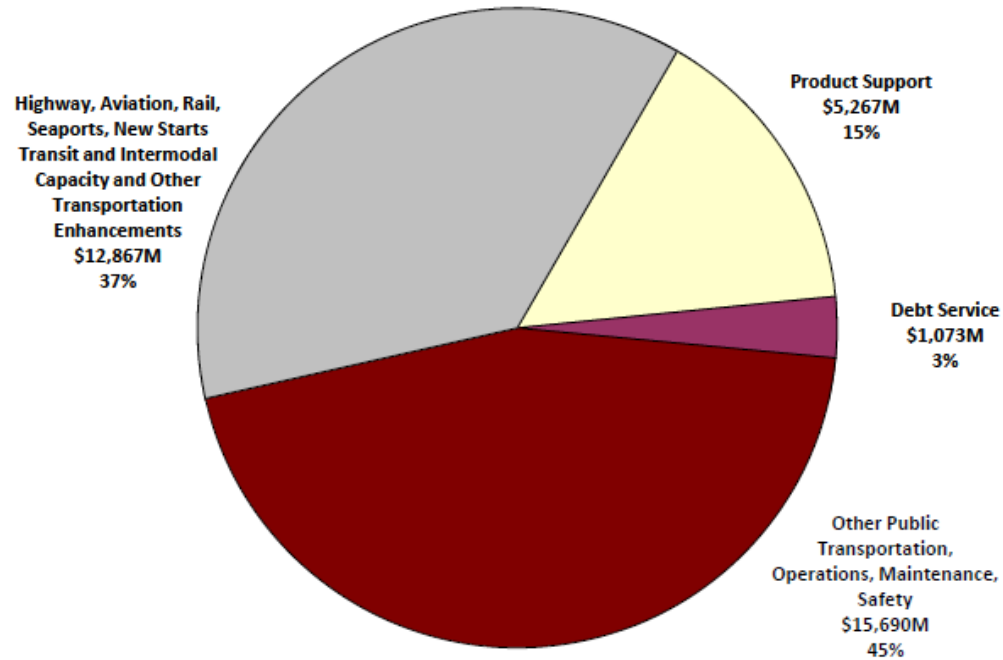
THROUGH SUCCESSFUL MANAGEMENT OF A \$7B ANNUAL WORK PROGRAM ...

FLORIDA DEPARTMENT OF TRANSPORTATION TOTAL FUNDING FY 2012 - 2016



TOTAL 5-YEAR TENTATIVE WORK PROGRAM \$34,897M

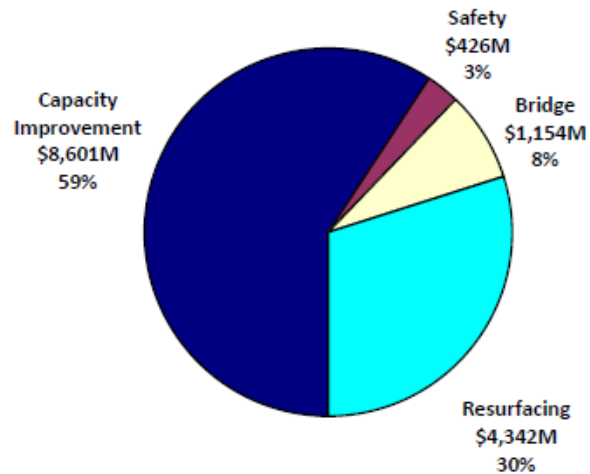
**FLORIDA DEPARTMENT OF TRANSPORTATION
TOTAL BUDGET
FY 2012 - 2016**



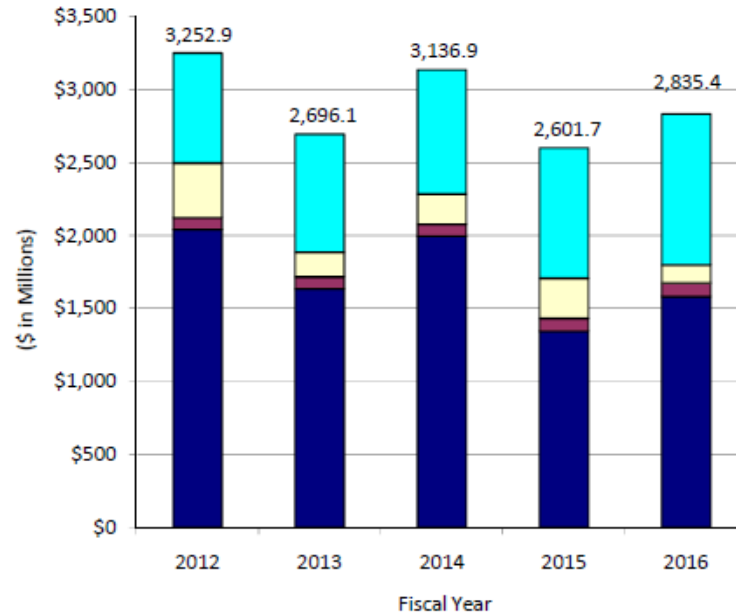
TOTAL 5-YEAR TENTATIVE WORK PROGRAM \$34,897M

**FLORIDA DEPARTMENT OF TRANSPORTATION TENTATIVE WORK PROGRAM
TOTAL CONSTRUCTION
FY 2012 - 2016**

Five Year Summary



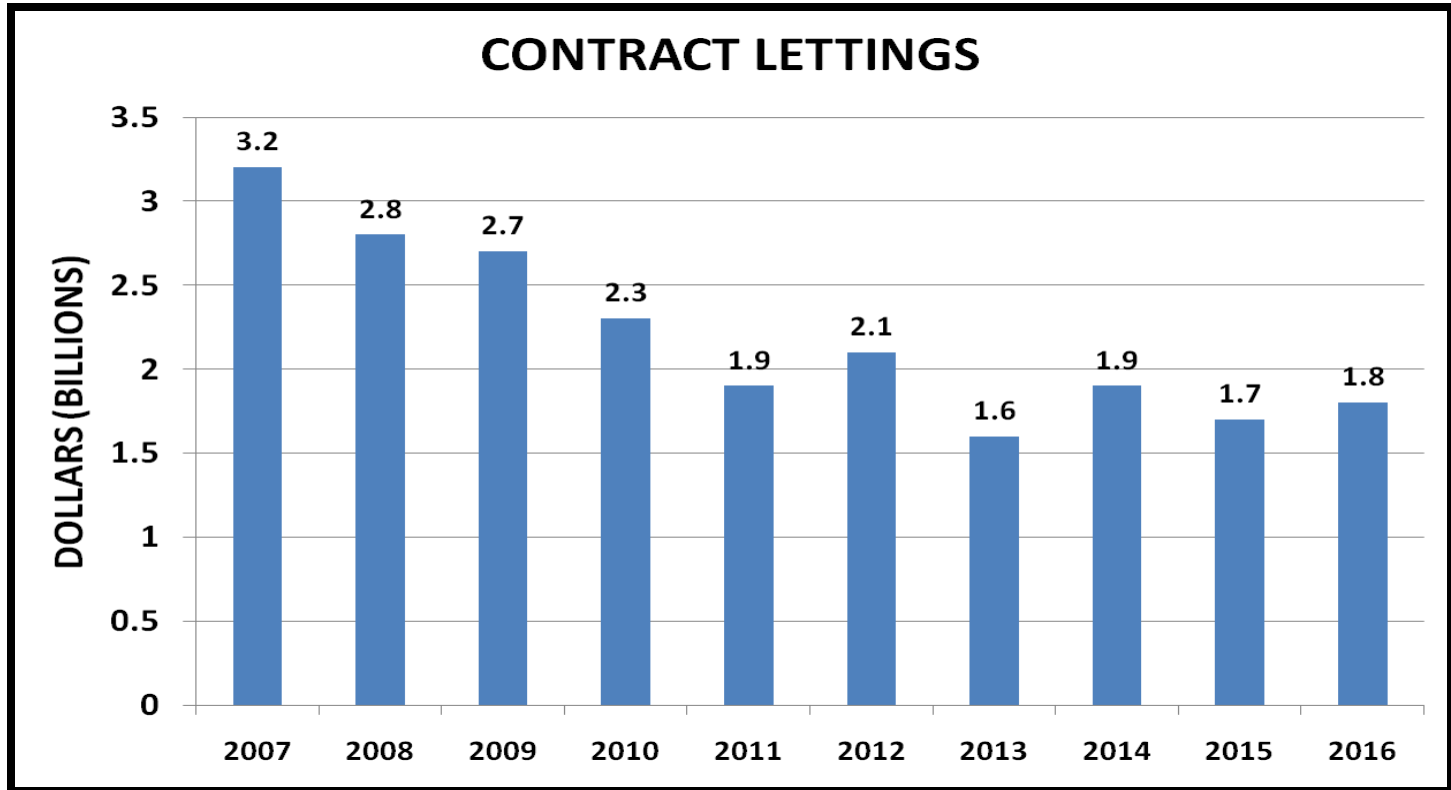
Annual Program Levels



Total 5-Year Tentative Work Program \$14,523M

Note: In addition, \$472M of Construction phases are included in the PTO Transit, Rail and Intermodal Access Programs.

THROUGH SUCCESSFUL DELIVERY OF AN ANNUAL WORK PROGRAM...



These are Highway and Bridge projects. Contract Classes 1, 7, 9 (CO, District and DB) and include the following projects: bridge, resurfacing, roadway, safety and traffic operations. FY 07-FY11 are actual lettings.....FY12-FY16 are based on current adopted work program

#CONTRACTS	2007	2008	2009	2010	2011	5 YR TOTAL
PLANNED	458	388	449	516	387	2,198
ACTUAL LET	526	431	494	622	512	2,585
% LET	115%	111%	110%	121%	132%	118%

AS A REMINDER...

The Contract Lettings charts shown in this presentation includes these systems shown in **red**:

1. **Intrastate Interstate**
2. **Intrastate Turnpike**
3. **Intrastate State Highway**
4. **Intrastate Toll**
5. **Non-Intrastate State Highway**
6. **Non-Intrastate Off State Highway**
7. **Non-Intrastate Toll- (State Highway)**
8. Transit
9. Aviation
10. Rail
11. Seaport
12. Facilities
13. Non-System Specific
14. Transportation Disadvantaged Commission
15. Multimodal
16. **Off State Hwy. System/Off Federal Hwy. System**

The charts also includes these major items of work:

Bridge Resurfacing Roadway Safety Traffic Ops.

FY 2011 WAS A VERY SUCCESSFUL YEAR...

SUMMARY FOR 2011

PROGRAM (JULY 1, 2010 ADOPTED)	FY 2011 <u>PLAN</u> IN \$MILLIONS	FY 2011 <u>ACTUAL</u> IN \$MILLIONS	FY 2011 <u>PLAN</u> NUMBER OF CONTRACTS	FY 2011 <u>ACTUAL</u> NUMBER OF CONTRACTS
CONTRACT LETTINGS:				
BRIDGE	\$316.1M	\$265.4M	52	63
RESURFACING	\$721.8M	\$516.6M	145	169
ROADWAY	748.2M	\$1,024.1M	91	151
SAFETY	\$51.5M	\$54.2M	75	97
TRAFFIC OPS	\$30.0M	\$33.5M	24	32
TOTAL	\$1,867.6M	\$1,893.8M	387	512
LAP CONTRACTS LET				
	\$106.9M	\$170.8M	123	167

FY 2012 IS A LARGER PROGRAM...

WHAT'S AHEAD IN FY 2012

PROGRAM TENTATIVE FOR 2012	FY 2012 <u>PLAN</u> IN \$MILLIONS	FY 2012 <u>PLAN</u> NUMBER OF CONTRACTS
CONTRACT LETTINGS:		
BRIDGE	\$300.1M	64
RESURFACING	\$574.8M	135
ROADWAY	\$1,104.1M	134
SAFETY	\$87.0M	58
TRAFFIC OPS	\$61.5M	33
TOTAL	\$2,127.5M	427
LAP CONTRACTS LET	\$104.4M	95

DISTRICT FY 2012 CONTRACT LETTINGS...

FY 2012 CONTRACT LETTINGS...MAJOR PROJECTS

DIST	\$M LETTINGS	# LETTINGS	FIN PRJ	CC	PROJECT DESCRIPTION	PRG	EST \$M
01	\$304.3	82	195718-2	1	SR 739 FROM WINKLER AVE TO HANSON STREET	02	\$ 20.1
			414730-1	9	I-75 FROM CHARLOTTE CO/L TO MANATEE CO/L	07	\$ 19.5
			416649-2	9	I-75 AIRPORT ACCESS AT SOUTHWEST FLORIDA INT'L AIRPORT CD SYSTEM	02	\$ 95.3

FY 2012 CONTRACT LETTINGS...MAJOR PROJECTS

DIST	\$M LETTINGS	# LETTINGS	FIN PRJ	CC	PROJECT DESCRIPTION	PRG	EST \$M
02	\$358.9	53	208373-2	1	SR 10 (US 90 WEST) FROM BROWN ROAD TO WEST OF LAKE CITY AVE	02	\$ 22.9
			209545-5	9	SR 115(MARTIN LUTHER KING JR PKWY)/21ST ST (TALLEYRAND AVENUE)	02	\$ 40.3
			213304-3	9	I-95 (SR 9) S HAMPTON & HENDRICKS AVE OVERLAND BRIDGE #720153	03	\$ 134.7
			429304-2	9	SR 23 (BFCR) FROM OLD JENNINGS ROAD TO OAKLEAF PLANTATION PKWY	02	\$ 21.0

DISTRICT FY 2012 CONTRACT LETTINGS...

FY 2012 CONTRACT LETTINGS...MAJOR PROJECTS

DIST	\$M LETTINGS	# LETTINGS	FIN PRJ	CC	PROJECT DESCRIPTION	PRG	EST \$M
03	\$195.2	44	220679-1	1	SR 83 (US 331) FROM S OF BAY GROVE ROAD TO SOUTH OF SR 20	02	\$ 24.0
			424619-1	1	SR 8 (I-10) FROM APALACHICOLA RIVER TO WEST OF SR 12	05	\$ 21.4

FY 2012 CONTRACT LETTINGS...MAJOR PROJECTS

DIST	\$M LETTINGS	# LETTINGS	FIN PRJ	CC	PROJECT DESCRIPTION	PRG	EST \$M
04	\$124.6	58	228583-2	9	SR-5/US-1 FROM ST. LUCIE CO. LINE TO S OF HIGHLAND DRIVE	02	\$ 16.1
			423914-1	1	I-95/SR-9/ BRIDGE#860429,0430 & 0431 OVER SOUTH FORK NEW RIVER	04	\$ 17.2

DISTRICT FY 2012 CONTRACT LETTINGS...

2011/2012 CONTRACT LETTINGS...MAJOR PROJECTS

DIST	\$M LETTINGS	# LETTINGS	FIN PRJ	CC	PROJECT DESCRIPTION	PRG	EST \$M
05	\$505.1	58	238395-4	1	SR 500 (US 441) FROM MARTIN LUTHER KING TO LAKE ELLA RD	02	\$ 19.8
			238429-3	9	SR 25 (US27) INTERCHANGE WITH SR 50	02	\$ 32.3
			406869-3	9	I-95 (SR 9) FROM SR 406 TO SR 46	02	\$ 45.1
			407355-3	1	SR 415 FROM SEMINOLE CO LINE TO REED ELLIS RD	02	\$ 40.4
			407355-4	1	SR 415 FROM REED ELLIS RD TO 0.3 MILE N OF ACORN LAKE	02	\$ 23.6
			408464-1	9	I-4 FROM SR 44 TO E OF I-95	02	\$ 162.7
			413072-1	9	I-95 FROM BREVARD CO LINE TO S OF SR 514 (MALABAR)	02	\$ 56.8

2011/2012 CONTRACT LETTINGS...MAJOR PROJECTS

DIST	\$M LETTINGS	# LETTINGS	FIN PRJ	CC	PROJECT DESCRIPTION	PRG	EST \$M
06	\$171.8	59	251185-1	1	NW 25TH STREET FROM NW 89TH COURT TO SR 826	02	\$ 42.7
			405665-1	1	NW 25 STREET VIADUCT FROM NW 82ND AVENUE TO SR 826	02	\$ 24.2

DISTRICT FY 2012 CONTRACT LETTINGS...

2011/2012 CONTRACT LETTINGS...MAJOR PROJECTS

DIST	\$M LETTINGS	# LETTINGS	FIN PRJ	CC	PROJECT DESCRIPTION	PRG	EST \$M
07	\$289.2	44	256890-1	1	US 19 (SR 55) FM N OF CR576/SUNSET PNT TO S OF COUNTRYSIDE BLVD	02	\$ 24.5
			258660-2	1	I-275 (SR 93) FM SR600/HILLSBOROUGH AVE TO YUKON STREET	06	\$ 22.1

2011/2012 CONTRACT LETTINGS...MAJOR PROJECTS

DIST	\$M LETTINGS	# LETTINGS	FIN PRJ	CC	PROJECT DESCRIPTION	PRG	EST \$M
08/TE	\$180.8	29	415462-2	7	ALL ELECTRONIC TOLLING PHASE IV (MP 0X TO 55)	02	\$ 22.6
			422418-2	9	FT DRUM SERVICE PLAZA MODIFICATION (MP 184)	02	\$ 22.9
			424792-1	7	RESURFACE SUNCOAST PKWY IN PASCO COUNTY (APPROX 80 LANE MILES)	05	\$ 26.6

THROUGH ALTERNATIVE CONTRACTING...

HOW MUCH DESIGN BUILD ARE WE DOING?

FY OF LETTING	CONTRACT LETTINGS (CLASS 1, 7, 9) IN \$ MILLIONS	CONTRACT LETTINGS (CLASS 1, 7, 9) # OF CONTRACTS	DESIGN BUILD (CLASS 9) AWARD AMOUNT IN \$ MILLIONS	# OF DB CONTRACTS	DETAILS
2008	\$2,757	431	\$784	17	INCLUDES \$196M I-95; \$177M SR 826 PROJECT;
2009	\$2,671	494	\$199	25	INCLUDES 4 ARRA
2010	\$2,270	622	\$1,060	131	INCLUDES 93 ARRA
2011	\$1,894	512	\$746	70	INCLUDES 19 ARRA
2012	\$2,130	427	\$781	45	

NOTE: 2008-2011 ARE ACTUAL LETTINGS, 2012 ARE PLANNED PROJECTS IN THE JULY 1, 2011 ADOPTED WORK PROGRAM
 5 YEARS SHOWN : 30% OF DOLLARS AND 12% OF PROJECTS ARE DB
 IN COMPARISON, 10 YEARS (2000-2009): 15% OF DOLLARS AND 3% OF PROJECTS WERE DB

THROUGH MAINTAINING AND PRESERVING OUR SYSTEM...

Our Long-Range Objectives:

- Maintain all elements of the transportation system to protect the public's investment for the future.
- Eliminate the illegal operation of commercial motor vehicles exceeding weight limits on Florida's public roads and bridges.
- Maximize the use of alternative, non-roadway modes to transport overweight and oversize loads.

Our Short-Range Objectives of the Florida Transportation Plan (through 2015):

- Ensure that 80 percent of pavement on the State Highway System meets department standards.
- Ensure that 90 percent of FDOT-maintained bridges meet department standards while keeping all FDOT-maintained bridges open to the public safe.
- Achieve 100 percent of the acceptable maintenance standard on the State Highway System.

THROUGH PAVEMENT PRESERVATION

This **ANNUAL PAVEMENT SURVEY** evaluates pavement conditions using three factors: ride quality, crack severity and average depth of wheel-path ruts. .

- **“Ride quality”** is what the motorist experiences (the smoothness of the ride).
- **“Cracking,”** refers to the structural deterioration of the pavement.
- **“Rutting,”** are depressions in pavement within the wheel-path caused by heavy use.

The presence and ultimate severity of these factors lead to deficient pavement.

PAVEMENT CONDITION BY FACILITY TYPE

(11% DEFICIENT OR 4750 LANE MILES)

(Based on 2011 Pavement Condition Survey)

STATE HIGHWAY SYSTEM	TOTAL LANE MILES	LANE MILES DEFICIENT	PROGRAMMED IN TENTATIVE
INTERSTATE	7,870 LM	513 LM	474 LM
TURNPIKE	2,065 LM	73 LM	55 LM
ARTERIALS	32,894 LM	4,164 LM	3,497 LM
TOTAL SHS	42,829 LM	4,750 LM	4,026 LM

THROUGH BRIDGE REPAIR AND REPLACEMENT...

BRIDGES IN FLORIDA

- There are 11,309 bridges in Florida.**
- 6,222 are the responsibility of the Department of Transportation.**
- The Department inspects all bridges, including local bridges, for structural deficiencies once every two years.**
- No bridge, including a local bridge, is allowed to become unsafe for the traveling public.**
- Florida law requires the Department to meet the annual needs for repair and replacement of bridges on the State Highway System (SHS).**
- Focus is on preserving bridges through cost effective repairs and preventive maintenance**

BRIDGE CONDITION/RATING

Primary Measure: Percentage of bridge structures on the SHS rated either “excellent or good” (substructure, superstructure and deck), or the culvert condition rating.

Objective: At least 90% of all bridge structures on the SHS having a condition rating of “excellent or good”.

Result: 95.4% of SHS bridges were rated “excellent or good”.

FHWA Rating	Condition Rating	# of Bridges	% of Total
8 or 9	Excellent	720	11.6%
6 or 7	Good	5,213	83.8%
5	Fair	225	3.6%
0 to 4	Poor	64	1.0%
Totals		6,222	100.00%

RESTRICTED BRIDGES:

Primary measure: Percentage of bridges on the SHS with posted weight restrictions.

Objective: No more than 1% of all bridge structures on the SHS with weight restrictions.

Result: Only 11 of 6,222 or .18% of bridges on the SHS have weight restrictions.

THROUGH ROUTINE AND UNIFORM MAINTENANCE...

Primary measure: Achieve a Maintenance Rating of at least 80 on the SHS.

Objective: Achieve a rating of at least an 80, the Department standard, on the SHS.

Result: Achieved an MRP of 86 or 107.5% of the objective.

The Department's high MRP is accomplished through a program of ROUTINE MAINTENANCE and includes:

- **Highway repairs (repairing potholes, patching, etc.)**
- **Roadside upkeep (mowing, litter removal)**
- **Drainage management**
- **Traffic services (road signs, re-striping)**

Adequate and uniform road maintenance is essential from both structural and safety standpoints and is important for aesthetic and environmental reasons. Florida law requires the Department to provide routine and uniform maintenance of the SHS.

MRP Basis: The Maintenance Rating goal of 80 is based on the Department's evaluation of its performance using the Maintenance Rating Program (MRP) which grades five maintenance elements:

- Roadway
- Roadside
- Traffic services
- Drainage
- Vegetation aesthetics,

and arrives at a composite score, based on a scale of 1 to 100.

CURRENT MAINTENANCE RATING

MAINTENANCE AREA	ROADWAY	ROADSIDE	TRAFFIC SERVICES	DRAINAGE	VEGETATION AESTHETICS	ALL FACILITIES
STATEWIDE	96	84	81	87	83	86

THROUGH CAPACITY IMPROVEMENTS...

CAPACITY IMPROVEMENTS: HIGHWAYS

- Currently, there are approximately 120,000 miles of public roads within the state.
- The State Highway System comprises about 10 percent or 12,062 of the total centerline miles and accounts for 42,829 lane miles of roadway.
- The SHS carries two-thirds of the traffic in the state.
- The handling capacity and efficiency of the SHS is a critical determining factor to Florida's economic future.
- Capacity and efficiency enable the state to compete for new and expanding domestic and international markets and to maintain its tourism industry.

Primary measure: Number of lane miles of capacity projects on the SHS let compared to the number planned.

Objective: Let no less than 90% of the lane miles planned.

Result: Achieved 95.8% of the plan by letting to contract 114 of the 119 lane miles planned. Also, 193 lane miles not in the original plan were let to contract for a total of 307 new lane miles to be added to the SHS.

FY 2011 NEW LANE MILES ADDED

	July 1, 2010						July 1, 2011	
	WPA Planned	Deferred or Dropped	Adjustments to Projects	Accomplished of Plan	Added	Advanced	Total Accomplishment	% of plan
<i>Interstate</i>	48	0	5	53	38	45	136	110%
<i>Other Intrastate</i>	30	0	(5)	25	48	25	98	83%
<i>Turnpike</i>	9	(9)	0	0	0	0	0	0%
Intrastate	87	(9)	0	78	86	70	234	90%
Other Arterials								
<i>On System</i>	13	0	4	17	22	4	43	131%
<i>Off System</i>	19	(1)	1	19	8	3	30	100%
O.A. Total	32	(1)	5	36	30	7	73	113%
Total	119	(10)	5	114	116	77	307	96%

**THROUGH
SUCCESSFUL ADMINISTRATION
OF SPECIAL PROGRAMS ...**

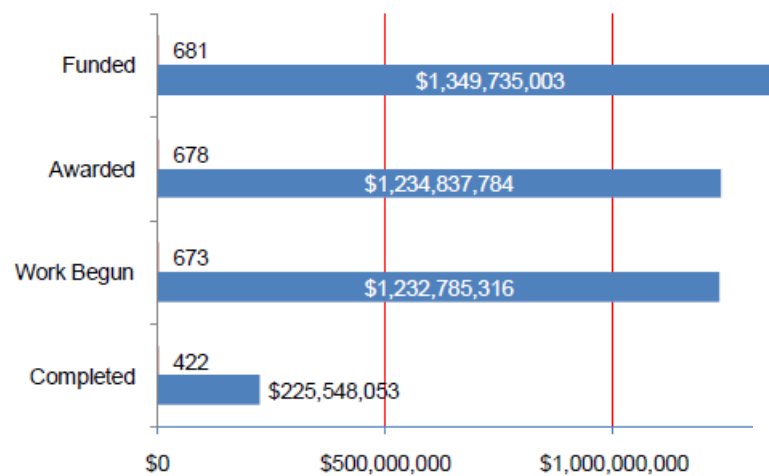
**American Recovery and
Reinvestment Act
(ARRA) Update:**



**Highway Expenditures
Summary as of 7/13/2011**

Construction	621,177,336
LAP	174,081,249
Consultant	65,340,840
TOTAL	\$860,599,425
Expended 63.76% of highway funds	

Highway Infrastructure Dollars as of 7/1/2011



Highway Jobs Data as of 7/11/2011

Area	5/2011	6/2011	Increase	%
Total Workers Reported	165,924	173,635	7,711	4.65%
Total Hours Worked	8,907,846	9,421,428	513,582	5.77%
Full-Time Equivalents (FTE)	4,316	4,397	81	1.89%

FTE—Direct jobs data is reported in terms of full time equivalent positions based on 2,080 hours per FTE year and prorated to the first month work was reported.

AND THROUGH SUCCESSFUL PARTNERSHIPS WITH OUR CONTRACTING INDUSTRY...

a NIGHT with the STARS



THANKS FOR ALL YOU DO...