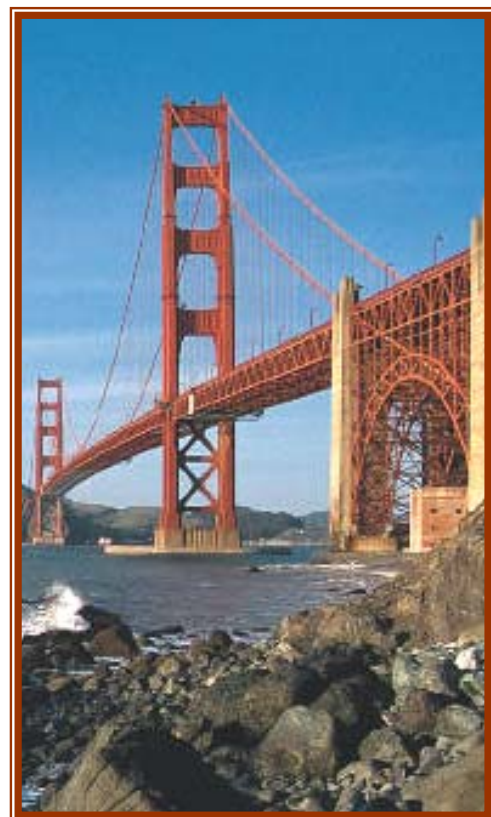


**Report to: Committee on Appropriations**

**As requested by: House of Representatives Report 106-622  
Department of Transportation and Related Agencies Appropriations Bill, 2001**

## Annual Summary of Major Projects FY 2003



**Prepared by: U.S. Department of Transportation  
Federal Highway Administration**

**Federal Highway Administration (FHWA)**  
**Major Projects Team**  
**Reports and Assessments for Fiscal Year (FY) 2003**

**Initial Financial Plans** for the following projects were reviewed concurrently with the applicable Division Office, and were found to be in compliance with FHWA Financial Plan Guidance:

1. Central Texas Turnpike, Austin, TX
2. I-10/Katy Freeway, Houston, TX
3. I-4/I-275, Tampa Interstate System, Tampa, FL
4. I-95/I-395/I-495, Springfield Interchange, Springfield, VA

**Financial Plan Annual Updates** for the following projects were reviewed concurrently with the applicable Division Office, and were found to be in compliance with FHWA Financial Plan Guidance:

1. I-95/Woodrow Wilson Bridge, VA, MD, and DC
2. I-25/I-225, Southeast Corridor (T-Rex), Denver, CO
3. I-95/New Haven Harbor Crossing, New Haven, CT
4. Central Artery/Ted Williams Tunnel, Boston, MA
5. I-80/San Francisco-Oakland Bay Bridge (East Span), San Francisco-Oakland, CA
6. Miami Intermodal Center, Miami, FL
7. Cooper River Bridges, Charleston, SC

**Major Project Team Activities for FY 2003**

Posted the Project Management Plans Guidance chapter of the **Resource Manual for Oversight Managers** on the FHWA Office of Program Administration's web site. The complete Manual is now posted.

Posted the **Wrap-up or Owner Controlled Insurance Program Guide** on the FHWA Office Program Administration's web site.

Posted the public version of the **FHWA Active Major Project Status Report** on the FHWA Office of Program Administration's web site. Also, began providing the internal version of the **FHWA Active Major Project Status Report** on a monthly basis to the Department of Transportation's Office of the Inspector General.

Prepared the **FHWA Major Projects Team Marketing Plan**, which is the customer-driven focus of all strategic initiatives that the FHWA Major Projects Team will undertake.

Conducted the second annual **Major Project Oversight Managers Meeting**, to discuss and share best practices concerning Financial and Project Management issues for Major Projects across the country.

Conducted a **Cost Estimate Review** for the Louisville, Kentucky – Southern Indiana Ohio River Bridges Project. The review was conducted by a team of FHWA, Kentucky Transportation Cabinet, and Indiana Department of Transportation personnel and was facilitated by a consultant.

Awarded a contract for the development of a **Project Management Plan** for the Louisville, Kentucky – Southern Indiana Ohio River Bridges Project.

Made a **presentation** on Financial Plans at the National Transportation Finance Conference (AASHTO Subcommittee on Financial Management).

**Participated** in a panel discussion of Financial Plans at AASHTO's Annual Meeting.

**Participating** as the Secretary on the AASHTO Task Force on Cost Estimating.

Gave numerous **presentations** to State Transportation Agency and FHWA Division personnel on Major Project Financial and Project Management issues.

## FHWA Major Projects

October 2003

Project Name	Project Location	Total Cost (Billions)	Status	Project Description	Cost Trend in Fiscal Year '03	Project Sponsor (State)	Funding Sources	Remarks
Alameda Corridor <i>Project Completed.</i>	Los Angeles, CA	Completed cost= \$2.4 Baseline= \$2.1 Begin Constr. 4/97	Construction (constr.) began in Apr. 1997. Project opened for revenue service April 2002.	20 mi. express line corridor linking Los Angeles and Long Beach ports with rail network in downtown Los Angeles.	Project completed.	Caltrans and Alameda Corridor Trans. Authority	Project completed.	Project completed on schedule. Completed cost was 14% over baseline (0% growth from June 1999 rev. budget).
SR 210/Foothill Freeway	Los Angeles, CA	Current= \$1.1 Baseline= \$1.2 Begin Constr. late 1997	Constr. began in late 1997. 22 of 28.2 mi. opened in Fall 2002. Final completion expected 2005.	28.2 mi. of 8-lane freeway constr., including 2 HOV lanes, from I-210 in L.A. Co. to I-215 in San Bernardino Co.	Total project cost remained constant at \$1.1 billion.	Caltrans	Federal funds \$602 million; remainder State and local funding.	Project pre-dates Finance Plan requirements.
I-80/San Francisco-Oakland Bay Bridge (East Span)	San Francisco-Oakland, CA	Current= \$2.6 Baseline= \$2.6 Initial (Init.) Finance Plan 12/01	Constr. began in Jan. 2002. Skyway under constr. Final completion scheduled for June 2009.	Replacement of San Francisco-Oakland Bay Bridge East Span.	See Remarks. Initial Finance Plan accepted Dec. 2001. First annual update shows no cost increase.	Caltrans	Federal-aid BR/IM funds \$237 million, TIFIA loan \$450 million; remainder State and local funding.	Caltrans is considering accelerating the entire schedule.
I-25/I-225 Southeast Corridor	Denver, CO	Current= \$1.719 Baseline= \$1.66 Init. Finance Plan 5/01	Design-build contract awarded June 2001. Completion scheduled for Sept. 2006.	Reconstruction (reconstr.) of 18 mi. of I-25 and I-225, constr. of 19 mi. of light-rail transit line with 13 new rail stations.	Total project cost increased to \$1.719 billion. \$52.7 million has been added for additional work, funded by third parties or project sponsors.	CO DOT and Denver Area Regional Transportation District (RTD). Also, local cities, counties, and associations.	FTA New Starts funding \$525 million, FHWA \$397 million in anticipated GARVEE bonds; remainder State and local funding.	Project is considering extra work funded by third parties as long as the schedule and cost of the original work is not affected.

Project Name	Project Location	Total Cost (Billions)	Status	Project Description	Cost Trend in Fiscal Year '03	Project Sponsor (State)	Funding Sources	Remarks
I-95/New Haven Harbor Crossing	New Haven, CT	Current= \$1.041  Baseline= \$0.834 Initial Finance Plan 12/00	Under construction. Work is scheduled to be completed by Nov. 2011.	Reconstr. of 7.2 mi. of I-95, including a new 10-lane Pearl Harbor Memorial Bridge over New Haven Harbor, and Interchanges 46 through 54.	Cost increased to \$1.041 billion, mainly due to unforeseen items as the design progressed.	ConnDOT	FHWA/State normal funding. Federal funding estimated to be approx. 88% of total cost.	Project started out less than \$1.0 billion. Finance Plans in accordance with May 2000 Guidance are now required due to cost increase to \$1.0 billion.
Miami Intermodal Center (MIC)	Miami, FL	Current= \$1.32  Baseline= \$1.35 Init. Finance Plan 7/99	Currently in design. Rental car facility and major roadway constr. began June 2003, people mover scheduled to begin Sept. 2004, and MIC core Apr. 2006. Project scheduled for completion Jan. 2008.	Constr. of multi-modal center for Miami Intl. Airport, including rental car garage, intermodal center, people mover, and roadways.	Total project cost is \$1.32 billion.	FDOT, Miami-Dade Aviation Dept. (MDAD). Also, Miami-Dade Expressway, Miami-Dade County, and Tri-County Commuter Rail.	TIFIA loan \$441 million, Federal-aid \$63 million, MDAD airport capital improvement \$232 million; remainder State and local funding.	5-year work plan was reevaluated as a result of Sept. 11. New completion date is Jan. 2008.
I-4/I-275	Tampa, FL	Current= \$1.028  Baseline= \$1.028	1 <sup>st</sup> of 4 programmed contracts awarded June 2002. 4 <sup>th</sup> contract anticipated to be funded in 2010. 2 additional contracts are currently unfunded. Pending availability of funds, completion date is Dec. 2013.	Reconstr. and widening of approx. 13 mi. of I-4 and I-275, and constr. of the Crosstown Connector, to improve operation, capacity, and safety.	Total project cost remained constant at \$1.028 billion.	FDOT	FHWA/State normal funding (90/10 for Interstate and 80/20 for Congestion Management).	Alternative Financial Plan reporting methodology being piloted.

Project Name	Project Location	Total Cost (Billions)	Status	Project Description	Cost Trend in Fiscal Year '03	Project Sponsor (State)	Funding Sources	Remarks
New Mississippi River Bridge	Illinois/Missouri (St. Louis)	Current= \$1.44  Baseline= TBD	EIS completed Mar. 2001. ROD issued June 2001. Project is currently in design. Constr. anticipated to begin 2004.	Constr. of new bridge crossing the Mississippi River, relocation of I-70, realignment of IL Route 3, and reconstr. of Tri-level interchange.	Cost is \$1.44 billion.	IL DOT (lead) and MoDOT	FHWA/State normal funding for Tri-level interchange. IL Route 3 is State funding. A mix of federal discretionary, federal-aid, and State funding is planned for remainder.	Finance Plan acceptance is required prior to authorization of Federal funds for constr.
New Ohio River Bridges	Kentucky/Indiana (Louisville)	Current= \$2.5  Baseline= TBD	EIS completed April 2003. ROD issued September 2003. Project is currently in design. Design will begin in 2004 and constr. will begin in 2007.	Constr. of 2 new bridges crossing the Ohio River, and construction of the new Kennedy interchange.	Cost is \$2.5 billion.	KY Transportation Cabinet (lead) and IN DOT	A mix of federal discretionary, federal-aid, and State funding is planned for remainder.	Finance Plan acceptance is required prior to authorization of Federal funds for constr.
Central Artery/Ted Williams Tunnel	Boston, MA	Current= \$14.625  Baseline= \$13.512 Finance Plan Update 6/00	Construction is 89.9% complete, with completion expected May 2005.	Replace existing I-93 viaduct in downtown Boston with 8-10 lane tunnels and new cable-stayed bridge over the Charles River, and construct I-90 extension with 4-lane tunnel to Logan Airport (7.5 mi. total).	Total project cost remained constant at \$14.625 billion.	Massachusetts Turnpike Authority	FHWA funds capped at \$8.549 billion; remainder State and local funding.	FHWA approved a revised cost recovery procedure on Sept. 30, 2003.

Project Name	Project Location	Total Cost (Billions)	Status	Project Description	Cost Trend in Fiscal Year '03	Project Sponsor (State)	Funding Sources	Remarks
Central Texas Turnpike	Austin, TX	Current= \$3.577  Baseline= \$3.577 Initial Finance Plan 10/02	ROD's completed for all 3 segments. The 1 <sup>st</sup> phase (SH 130) awarded May 2002 as a Design-Build (EDA) project. 1 <sup>st</sup> phase completion approx. 2007. The 2 <sup>nd</sup> phase will be completed Dec. 2011. The 3 <sup>rd</sup> phase is unfunded.	Constr. of 120+ mi. of toll facilities to ease congestion on I-35 in Central Texas. Project will be completed in 3 phases.	Total project cost remained constant at \$3.577 billion.	Texas Turnpike Authority, a Division of Texas DOT. Also, local cities, counties, and associations.	TIFIA loan \$916.7 million, FHWA \$700 million; remainder State and local funding.	
I-10/Katy Freeway	Houston, TX	Current= \$1.924  Baseline= \$1.761 Initial Finance Plan 3/03	Final EIS complete. ROD issued Jan. 2002. Constr. expected to be completed Nov. 2008.	Reconstr. of 38 mi. of I-10 from Houston to Katy, with the addition of 2-3 managed lanes (possible toll) and 1 general purpose lane in each direction.	Cost increased to \$1.924 billion.	TxDOT	FHWA/State normal funding. Federal funding estimated to be approx. 72% of total cost.	Finance Plan accepted March 2003.
I-15 Corridor  <i>Project Completed.</i>	Salt Lake City, UT	Completed cost=\$1.59  Baseline= \$1.36 Init. Finance Plan 7/96	Design-Build contract began 1996. Project completed Summer 2001.	Reconstr. of 17 mi. of I-15, with auxiliary and HOV lanes added.	Project completed.	UDOT	Project completed.	D-B project completed on schedule. Completed cost was 17% over baseline, but 0% growth from the D-B negotiated price, shortly after the RFP stage.

Project Name	Project Location	Total Cost (Billions)	Status	Project Description	Cost Trend in Fiscal Year '03	Project Sponsor (State)	Funding Sources	Remarks
I-95/Woodrow Wilson Bridge	VA/MD/DC	Current= \$2.564  Baseline= \$2.443 Init. Finance Plan 9/01	Constr. began Oct. 2000. Eastbound bridge completion anticipated May 2006, and Westbound bridge completion anticipated June 2008. Final Telegraph Rd. completion scheduled for 2011. MD 201 completion scheduled for 2013.	Replacement of existing 6-lane bridge with new 12-lane double structure, including auxiliary and HOV lanes. Reconstr. of adjacent interchanges.	Total project cost is \$2.564 billion.	MdSHA (lead for bridge and Maryland interchanges), VDOT (lead for Virginia interchanges), and DDOT (lead for I-295)	Current ceiling is \$1.631 billion in designated Federal funding from WWB Financing Acts and RABA; remainder State funding.	The \$121 million increase in the cost estimate is a result of the increased estimates for the 3 superstructure contracts for the main bridge.
I-95/I-495 Springfield Interchange	Springfield, VA	Current= \$0.676  Baseline= \$0.676	I, II, and III Complete. IV-and V Under constr. V-Constr. 20% complete. VI and VII-Bids received. VIII-Design 55% complete. On hold until Beltway HOV is designed.	Reconstr. of I-95/I-495 and I-95/Route 644 interchanges, with separation of local, through, and HOV traffic and direct ramp access.	Cost is \$0.676 billion.	VDOT	FHWA/State normal funding (90/10 for Interstate and 80/20 for Congestion Management).	Finance Plans accepted January 2003.
I-64/Hampton Roads Third Crossing	Hampton Roads Area, VA	Current= \$4.43  Baseline= TBD	EIS completed Mar. 2001. ROD issued June 2001.	Constr. new 34 mi. tunnel/highway system, connecting I-64 on the north to several NHS routes on the south. This will become the third crossing of Hampton Roads.	Total project cost remained constant at \$4.43 billion.	VDOT	Funding structure to be included in PPTA future proposals.	Project on hold, pending funding.



Project Name	Project Location	Total Cost (Billions)	Status	Project Description	Cost Trend in Fiscal Year '03	Project Sponsor (State)	Funding Sources	Remarks
I-43/I-94/I-794 Marquette Interchange	Milwaukee, WI	Current=\$1.1  Baseline=TBD	FONSI completed late 2001. Constr. expected to begin 2004.	Reconstr. of the Marquette Interchange and approaches in downtown Milwaukee.	Total project cost remained constant at \$1.1 billion.	WI DOT	Federal funds, State Transportation funds, and State General Obligation Bonds.	Finance Plan acceptance required prior to authorization of Federal funds for constr.

Key to Acronyms:

BR/IM=Bridge Rehabilitation/Interstate Maintenance

D-B=Design-Build

EDA=Exclusive Development Agreement

EIS=Environmental Impact Statement

FONSI=Finding of No Significant Impact

FTA=Federal Transit Administration

GARVEE=Grant Anticipation Revenue Vehicles

HOV=High Occupancy Vehicle

NHS=National Highway System

PPTA=Public-Private Transportation Act

ROD=Record of Decision

RABA=Revenue Aligned Budget

Authority

RFP=Request for Proposals

TIFIA=Transportation Infrastructure Finance and Innovation Act

TBD=To Be Determined