

Exhibit 300 FY2011

DOTXX070: DOT IT Combined Infrastructure

Part I: Summary Information And Justification (All Capital Assets)

Description: In Part I, complete Sections A, B, C, and D for all capital assets (IT and non-IT). Complete Sections E and F for IT capital assets.

I.A. Overview (All Capital Assets)

Description: The following series of questions are to be completed for all investments.

I.A.1. Date of Submission:	2009-07-10
I.A.2. Agency:	021
I.A.3. Bureau:	04
I.A.4. Name of this Investment: Description: (Up to 250 characters)	DOTXX070: DOT IT Combined Infrastructure
I.A.5. Unique Project (Investment) Identifier: Description: For IT investment only, see section 53.9. For all other, use agency ID system.	021-04-02-12-01-1010-00
I.A.6. What kind of investment will this be in FY2011? Description: Please NOTE: Investments moving to O&M in FY2011, with Planning/Acquisition activities prior to FY2011 should not select O&M. These investments should indicate their current status.	Mixed Life Cycle
I.A.8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap; this description may include links to relevant information which should include relevant GAO reports, and links to relevant findings of independent audits. Description: (Up to 2500 characters)	<p>The Department of Transportation has been transforming its multiple information technology infrastructures from independent operations and management through federated management into a shared service Common Operating Environment (COE) that services the entire Department exclusive of the FAA. The COE consists of end-user Support, telecommunications, network, servers and cyber Security operations. The COE supports the Departmental strategic goals of Organizational Excellence, Security, and Preparedness & Response at a reduced cost by creating a centralized IT infrastructure to effectively support DOT Operating Administrations and their business functions. The transformation will be achieved in three phases. Phase One of the IT infrastructure consolidation is to establish a COE built around an active directory structure and a single network with the capacity to include all Departmental employees and contractors. This phase includes migrating all email, file and print and desktop services for the Operating Administration and Department headquarters to the established COE. Phase One was initiated in FY 2004 and completed prior to occupation of the new headquarters building in April 2007. Phase Two of the IT infrastructure consolidation project is to add Departmental and Operating Administration field sites across the nation to the consolidated operating environment. As the planning for each site is completed, implementation immediately follows. This phase did not begin until operations in the new facilities were stable. It is now partially complete. Phase two also incorporates transition from IPv4 to IPv6. Phase Three of the IT infrastructure consolidation project is to optimize the consolidated environment. In addition to cost savings, this phase will reduce IT foot print, numbers of devices and facilities. Also this phase will be environmentally conscious because it will reduce energy costs and resources required to operate IT Services across the department. This phase includes server, network and telecommunications optimization and consolidation. This Consolidated Infrastructure investment supports internal and cross-agency goals by supplying digital technologies to transform government operations in order to improve effectiveness, efficiency, and service delivery. Throughout the transformation, DOT is monitoring and updating service level agreements to ensure that they align to industry best practices, metrics, and costs.</p>
I.A.8.a. Enter dates for approved rebaselining, alternative analysis, and risk management plan and risk register information. Description: Provide here the date of any approved rebaselining within the past year, the date for the most recent (or planned) alternatives analysis for this investment, and whether this investment has a risk management plan and risk register. (Up to 500 characters)	This investment has a Risk Management Plan that is currently in Draft form.
I.A.9. Did the Agency's Executive/Investment Committee approve this request?	yes
I.A.9.a. If "yes," what was the date of this approval?	2003-06-01
I.A.12. If this investment is a financial management system, then please fill out the following as reported in the most recent financial systems inventory (FMSI):	
I.A.12.a. Financial Management System Table	
I.A.12.b. If this investment is a financial management system AND the investment is part of the core financial system then select the primary FFMA compliance area that this investment addresses (choose only one):	

I.B. Summary of Funding (Budget Authority for Capital Assets)

I.B.1. Summary of Funding Table

Description: Provide the total estimated life-cycle cost for this investment by completing the following table. All amounts represent budget authority in millions and are rounded to three decimal places. Federal personnel costs should be included only in the row designated "Government FTE Cost," and should be excluded from the amounts shown for "Planning," "Full Acquisition," and "Operation/Maintenance." The "TOTAL" estimated annual cost of the investment is the sum of costs for "Planning," "Full Acquisition," and "Operation/Maintenance." For Federal buildings and facilities, life-cycle costs should include long term energy, environmental, decommissioning, and/or restoration costs. Funding for all costs associated with the entire life-cycle of the investment should be included in this report. Funding levels should be shown for budget authority by year consistent with funding levels in Exhibit 53. The

Summary of Funding table shall include the amounts allocated to the investment from, and should be directly tied to, the Fiscal Year Budget. This includes direct appropriations (discretionary or mandatory accounts), user fees, and approved self-funding activities and will provide the actual annual "budget" for the investment. This "budget" will be a subset of the congressionally approved budget for each fiscal year. This will provide Departments/Agencies and OMB useful information on the actual Fiscal Year dollars being asked for and spent on an investment.

NOTE: For the multi-agency investments, this table should include all funding (both managing partner and partner agencies). Government FTE Costs should not be included as part of the TOTAL represented.

I.B.1.a. Summary of Spending for Project Phases (Reported in Millions)

	PY-1 and earlier	PY 2009	CY 2010	BY 2011
Planning	\$0.000	\$0.000	\$0.000	\$0.000
Acquisition	\$0.000	\$0.000	\$0.000	\$4.162
Subtotal Planning and Acquisition	\$0.000	\$0.000	\$0.000	\$4.162
Operations and Maintenance	\$123.767	\$51.898	\$54.483	\$57.583
Disposition Costs (Optional)	\$0.000	\$0.000	\$0.000	\$0.000
SUBTOTAL	\$123.767	\$51.898	\$54.483	\$61.745
Government FTE Costs	\$2.256	\$0.421	\$0.437	\$0.453
TOTAL	\$126.023	\$52.319	\$54.920	\$62.198

I.B.1.b. Summary of Spending for Project Phases (Government FTE Costs Only)

	PY-1 and earlier	PY 2009	CY 2010	BY 2011
Number of FTE represented by Costs	9	2	2	2

I.B.2. If the summary of funding has changed from the FY2010 President's budget request, briefly explain those changes:
Description: (Up to 2500 characters)

CY2010 and earlier - In the previous years (beginning in FY2010 and previous) FAA was included in the IT Common Operating Environment (COE) infrastructure. Since FY2010 FAA has been excluded from the initial phases of the IT Infrastructure consolidation initiative. FAA's inclusion will be re-evaluated upon the completion and operational stability of the consolidation initiative. BY2011- Beginning with the BY2011 submission, the DOT COE implementation remains underway and still requires much work and continued planning and support efforts to continue to consolidate many of the modes and associated field offices. In addition to the consolidation effort, DOT has currently awarded a new support contracts which are in transition for support for the BY2011 cycle. This award includes a Nationwide COE support contract which begins on Oct 1, 2009; this will extend desktop service nationally and allow one COE. Due to end of life (EOL) many of DOT systems need to be replaced within the next year. Because of the nature and size of this initiative DOT's previous budgets spent \$51M on IT services and equipment; the forecast for this year and beyond adopts a 10-20% spend increase to support the demand across the agency. As DOT works to consolidate the agency's IT initiatives, this business case will also be consolidated to reflect only those dollars associated with the transition and operations and maintenance activities into the common office environment. DOT recognizes the need to manage these projects more closely to avoid cost overruns and schedule delays by implementing more aggressive and recurring risk management; more accurate independent government estimates to evaluate contractor proposals; EVM for early warnings of cost/schedule delays; and use of performance based contracts, where possible.

I.D. Performance Information (All Capital Assets)

I.D.1. Performance Information Table.

Description: In order to successfully address this area of the exhibit 300, performance goals must be provided for the agency and be linked to the annual performance plan and the relevant Agency Segment Architecture. The investment must discuss its performance measures in support of the agency's mission and strategic goals as outlined in the corresponding Segment Architecture. Performance measures (indicators) must be provided. They are the internal and external performance benefits this investment is expected to deliver to the agency (e.g., improve efficiency by 60 percent, increase citizen participation by 300 percent a year to achieve an overall citizen participation rate of 75 percent by FY 2xxx, etc.). The goals must be clearly measurable investment outcomes, and if applicable, investment outputs. They do not include the completion date of the module, milestones, or investment, or general goals, such as "significant," "better," "improved," that do not have a quantitative measure.

Agencies must use the following table to report performance goals and measures for the major investment and use the Federal Enterprise Architecture (FEA) Performance Reference Model (PRM). Map all Measurement Indicators to the corresponding "Measurement Area" and "Measurement Grouping" identified in the PRM. There should be at least one Measurement Indicator for each of the four different Measurement Areas (for each fiscal year). The PRM is available at <http://www.whitehouse.gov/omb/e-gov/>. The table can be extended to include performance measures for years beyond the next President's Budget.

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator
2009	Organizational Excellence	Technology	Overall Costs	Cost and number of separate internet connections across the department.
2009	Organizational Excellence	Technology	Interoperability	Number of subordinate administration field site infrastructure systems
2009	Organizational Excellence	Processes and Activities	Planning	Leverage of ITI Common Solution
2009	Organizational Excellence	Mission and Business Results	IT Infrastructure Maintenance	Operations and maintenance cost for application servers

2010	Organizational Excellence	Technology	Internal Data Sharing	Number of application servers
2010	Organizational Excellence	Technology	Operations and Maintenance Costs	Seat Management Costs
2010	Organizational Excellence	Technology	Interoperability	Number of subordinate administration field site infrastructure systems
2010	Organizational Excellence	Processes and Activities	Security	Establish standard security incident response across the Department
2010	Organizational Excellence	Mission and Business Results	IT Infrastructure Maintenance	Operations and maintenance cost for application servers
2010	Organizational Excellence	Customer Results	Accuracy of Service or Product Delivered	Common Operating Environment Services Overall Customer Satisfaction Surveys. Results posted on IT Shared Services website.
2010	Organizational Excellence	Technology	Technology Improvement	Infrastructure capability to incorporate IPv6
2011	Organizational Excellence	Technology	Operations and Maintenance Costs	Seat Management Costs
2011	Organizational Excellence	Technology	Internal Data Sharing	Number of application servers
2011	Organizational Excellence	Processes and Activities	Security	Establish standard security incident response across the Department
2011	Organizational Excellence	Mission and Business Results	IT Infrastructure Maintenance	Operations and maintenance cost for application servers
2011	Organizational Excellence	Mission and Business Results	IT Infrastructure Maintenance	Service Level Management Subscriber Base
2011	Organizational Excellence	Customer Results	Accuracy of Service or Product Delivered	Common Operating Environment Services Overall Customer Satisfaction Surveys. Results posted on IT Shared Services website.
2012	Organizational Excellence	Technology	Operations and Maintenance Costs	Seat Management Costs
2012	Organizational Excellence	Technology	Internal Data Sharing	Number of application servers
2012	Organizational Excellence	Mission and Business Results	IT Infrastructure Maintenance	Operations and maintenance cost for application servers
2012	Organizational Excellence	Customer Results	Accuracy of Service or Product Delivered	Common Operating Environment Services Overall Customer Satisfaction Surveys. Results posted on IT Shared Services website.
2012	Organizational Excellence	Processes and Activities	Innovation and Improvement	Server/Storage Utilization Levels
2013	Organizational Excellence	Technology	System Response Time	Service Incident Response
2013	Organizational Excellence	Customer Results	Access	Level of Service
2013	Organizational Excellence	Customer Results	Response Time	Service Incident Response
2013	Organizational Excellence	Mission and Business Results	IT Infrastructure Maintenance	Service Level Management Subscriber Base
2014	Organizational Excellence	Processes and Activities	Innovation and Improvement	Server Utilization Levels
2014	Organizational Excellence	Technology	System Response Time	Service Incident Response
2014	Organizational Excellence	Customer Results	Access	Level of Service
2014	Organizational Excellence	Mission and Business Results	IT Infrastructure Maintenance	Service Level Management Subscriber Base
2014	Organizational Excellence	Processes and Activities	Innovation and Improvement	Server Utilization Levels
2015	Organizational Excellence	Technology	System Response Time	Service Incident Response
2015	Organizational Excellence	Customer Results	Access	Level of Service
2015	Organizational Excellence	Mission and Business Results	IT Infrastructure Maintenance	Service Level Management Subscriber Base
2015	Organizational Excellence	Processes and Activities	Innovation and Improvement	Server Utilization Levels

I.F. Enterprise Architecture (EA) (IT Capital Assets only)

Description: In order to successfully address this area of the capital asset plan and business case, the investment must be included in the agency's EA and Capital Planning and Investment Control (CPIC) process and mapped to and supporting the FEA. The business case must demonstrate the relationship between the investment and the business, performance, data, services, application, and technology layers of the agency's EA.

Have the requisite investment-level architecture documentation requirements (e.g., reference model mappings, FTF mappings, etc.) for this investment been documented in the corresponding Segment Architecture? For detailed guidance regarding segment architecture requirements, please refer to <http://www.whitehouse.gov/omb/e-gov/>. See this guidance also regarding the reporting of six digit codes corresponding to agency segment architectures in Exhibit 53, and, for limited cases determined by the Chief Architect, reporting an investment alignment with multiple segments.

I.F.1. Is this investment included in your agency's target enterprise architecture? yes no

Part IV: Planning for "Multi-Agency Collaboration" ONLY

Description: Part IV should be completed only for investments identified as an E-Gov initiative, a Line of Business (LOB) Initiative, or a Multi-Agency Collaboration effort. The "Multi-Agency Collaboration" choice should be selected in response to Question 6 in Part I, Section A above. Investments

identified as "Multi-Agency Collaboration" will complete only Parts I and IV of the exhibit 300.

IV.A. Multi-Agency Collaboration Oversight (All Capital Assets)

Description: Multi-agency Collaborations, such as E-Gov and LOB initiatives, should develop a joint exhibit 300.

IV.A.1. Stakeholder Table

Description: As a joint exhibit 300, please identify all the agency stakeholders (all participating agencies, this should not be limited to agencies with financial commitment). All agency stakeholders should be listed regardless of approval. If the partner agency has approved this joint exhibit 300 please provide the date of approval.

IV.A.5. Does this investment replace any legacy systems investments?

Description: Disposition costs (costs of retirement of legacy systems) may be included as a category in Part I, Section B, Summary of Funding, or in separate investments, classified as major or non-major. For legacy system investments being replaced by this investment, include the following data on these legacy investments.