

**Exhibit 300: Capital Asset Plan and Business Case Summary****Part I: Summary Information And Justification (All Capital Assets)****Section A: Overview (All Capital Assets)**

- |   |  |
|---|--|
| 1. Date of Submission:  | 9/7/2007                                 |
| 2. Agency:  | Department of Transportation             |
| 3. Bureau:  | Office of the Secretary                  |
| 4. Name of this Capital Asset:  | DOTXX070: DOT IT Combined Infrastructure |
| 5. Unique Project (Investment) Identifier: (For IT investment only, see section 53. For all other, use agency ID system.)   | 021-04-02-00-01-1010-00                  |
| 6. What kind of investment will this be in FY2009? (Please NOTE: Investments moving to O&M in FY2009, with Planning/Acquisition activities prior to FY2009 should not select O&M. These investments should indicate their current status.)  | Mixed Life Cycle                         |
| 7. What was the first budget year this investment was submitted to OMB?   | FY2003                                   |
| 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:  |  |
| <p>The Department of Transportation (DOT) Combined IT Infrastructure investment is a mixed lifecycle investment that aggregates DOT IT infrastructure and office automation expenditures into a single submission. There are currently 43 investments from 12 subordinate administrations and agencies that contribute to this consolidated investment. This includes 14 investments which account for subordinate Operating Administration participation in the DOT Common Operating Environment and their investment in Common IT Services that are available across the Department. This consolidated investment supports the Improved Financial Performance, Expanded Electronic Government, and Budget &amp; Performance Integration goals of the President's Management Agenda as well as the Secretary's goals of providing safe, reliable and efficient transportation systems. This investment also includes alternative criteria and performance results of the recently completely DOT IT Infrastructure Consolidation Project as well as FAA IT consolidation and cost containment efforts. The investment excludes infrastructure telecommunications services that are considered to be mission-specific (National Airspace System). Those investments are listed as separate Exhibit 300s in Part I of the Budget Year 2009 Exhibit 53 for DOT.</p> |  |
| 9. Did the Agency's Executive/Investment Committee approve this request?  | Yes                                      |
| a. If "yes," what was the date of this approval?  | 6/26/2003                                |
| 10. Did the Project Manager review this Exhibit?  | Yes                                      |
| 11. Contact information of Project Manager?   |  |
| Name  | Meers, Christine                         |
| Phone Number  | Redacted                                 |
| Email   | christine.meers@dot.gov                  |
| a. What is the current FAC-P/PM certification level of the project/program manager?   | Senior/Expert-level                      |
| 12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project?   | No                                       |
| a. Will this investment include electronic assets (including computers)?  | Yes                                      |
| b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)   | No                                       |
| 1. If "yes," is an ESPC or UESC being used to help fund this investment?  |  |
| 2. If "yes," will this investment meet sustainable design principles?   |  |
| 3. If "yes," is it designed to be 30% more energy efficient than relevant code?   |  |

13. Does this investment directly support one of the PMA initiatives? Yes

If "yes," check all that apply: Competitive Sourcing

a. Briefly and specifically describe for each selected how this asset directly supports the identified initiative(s)? (e.g. If E-Gov is selected, is it an approved shared service provider or the managing partner?)

14. Does this investment support a program assessed using the Program Assessment Rating Tool (PART)? (For more information about the PART, visit [www.whitehouse.gov/omb/part](http://www.whitehouse.gov/omb/part).) No

a. If "yes," does this investment address a weakness found during a PART review?

b. If "yes," what is the name of the PARTed program?

c. If "yes," what rating did the PART receive?

15. Is this investment for information technology? Yes

If the answer to Question 15 is "Yes," complete questions 16-23 below. If the answer is "No," do not answer questions 16-23.

For information technology investments only:

16. What is the level of the IT Project? (per CIO Council PM Guidance) Level 2

17. What project management qualifications does the Project Manager have? (per CIO Council PM Guidance) (1) Project manager has been validated as qualified for this investment

18. Is this investment or any project(s) within this investment identified as "high risk" on the Q4 - FY 2007 agency high risk report (per OMB Memorandum M-05-23) Yes

19. Is this a financial management system? No

a. If "yes," does this investment address a FFIA compliance area?

1. If "yes," which compliance area: N/A

2. If "no," what does it address?

b. If "yes," please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A-11 section 52

20. What is the percentage breakout for the total FY2009 funding request for the following? (This should total 100%)

Hardware 25.000000

Software 25.000000

Services 25.000000

Other 25.000000

21. If this project produces information dissemination products for the public, are these products published to the Internet in conformance with OMB Memorandum 05-04 and included in your agency inventory, schedules and priorities? N/A

22. Contact information of individual responsible for privacy related questions:

Name Carcirieri, Pamela

Phone Number Redacted

Title DOT Privacy Officer

E-mail [pamela.carcireri@dot.gov](mailto:pamela.carcireri@dot.gov)

23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval? Yes

Question 24 must be answered by all Investments:

24. Does this investment directly support one of the GAO High Risk Areas? No

**Section B: Summary of Spending (All Capital Assets)**

1. 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. The costs associated with the entire life-cycle of the investment should be included in this report.

| Table 1: SUMMARY OF SPENDING FOR PROJECT PHASES<br>(REPORTED IN MILLIONS)<br>(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions) |                  |         |         |          |           |           |           |                 |          |
|---|------------------|---------|---------|----------|-----------|-----------|-----------|-----------------|----------|
|   | PY-1 and earlier | PY 2007 | CY 2008 | BY 2009  | BY+1 2010 | BY+2 2011 | BY+3 2012 | BY+4 and beyond | Total    |
| Planning:   | 38.097           | 3.446   | 0.416   | 0.1194   | Redacted  | Redacted  | Redacted  | Redacted        | Redacted |
| Acquisition:  | 151.789          | 48.363  | 24.092  | 14.9421  | Redacted  | Redacted  | Redacted  | Redacted        | Redacted |
| Subtotal Planning & Acquisition:  | 189.886          | 51.809  | 24.508  | 15.0615  | Redacted  | Redacted  | Redacted  | Redacted        | Redacted |
| Operations & Maintenance:   | 321.573          | 147.862 | 181.647 | 183.2878 | Redacted  | Redacted  | Redacted  | Redacted        | Redacted |
| TOTAL:  | 511.459          | 199.671 | 206.155 | 198.3493 | Redacted  | Redacted  | Redacted  | Redacted        | Redacted |
| <b>Government FTE Costs should not be included in the amounts provided above.</b>   |                  |         |         |          |           |           |           |                 |          |
| Government FTE Costs  | 67.556           | 28.571  | 30.996  | 33.7905  | Redacted  | Redacted  | Redacted  | Redacted        | Redacted |
| Number of FTE represented by Costs:   | 46               | 59      | 78      | 38       | Redacted  | Redacted  | Redacted  | Redacted        | Redacted |

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.

2. Will this project require the agency to hire additional FTE's? No

a. If "yes," How many and in what year?

3. If the summary of spending has changed from the FY2008 President's budget request, briefly explain those changes:

**Section C: Acquisition/Contract Strategy (All Capital Assets)**

1. Complete the table for all (including all non-Federal) contracts and/or task orders currently in place or planned for this investment. Total Value should include all option years for each contract. Contracts and/or task orders completed do not need to be included.



2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

The project to consolidate Common IT Services is complete. The contracts shown in this section are general support contracts administered by individual operating administrations for Operating Administration specific applications and operations.

3. Do the contracts ensure Section 508 compliance? Yes

a. Explain why:

4. Is there an acquisition plan which has been approved in accordance with agency requirements? Yes

a. If "yes," what is the date? 8/18/2004

b. If "no," will an acquisition plan be developed?

1. If "no," briefly explain why:

**Section D: Performance Information (All Capital Assets)**

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. The investment must discuss the agency's mission and strategic goals, and performance measures (indicators) must be provided. These goals need to map to the gap in the agency's strategic goals and objectives this investment is designed to fill. 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 or qualitative 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 [www.egov.gov](http://www.egov.gov). The table can be extended to include performance measures for years beyond FY 2009.

| Performance Information Table |                             |                  |                        |  |  |   |  |  |
|-------------------------------|-----------------------------|------------------|------------------------|--|--|---|--|--|
| Fiscal Year                   | Strategic Goal(s) Supported | Measurement Area | Measurement Category   | Measurement Grouping                     | Measurement Indicator  | Baseline  | Target   | Actual Results   |
| 2005                          | Organizational Excellence   | Technology       | Financial (Technology) | Operations and Maintenance Costs         | Desktop support costs and desktop computer costs.  | FY 2003, OST spent \$4,900 per user for desktop support.                                  | Lower desktop support costs to \$2,500 or less by FY 2007. Establish DOT BPA to provide desktop computers at economy-of-scale pricing. | COE desktop support costs have been reduced from \$4,900 per desktop annually to \$3,500 in FY 2004 through FY 2006, representing a cost reduction of 29 percent. COE desktop support costs will be reduced from \$3,500 to \$2,500 per desktop in FY 2007 |
| 2005                          | Organizational Excellence   | Technology       | Quality                | Compliance and Deviations                | Percent of consolidated IT infrastructure resources across DOT. Reduced number of different platforms. Age of platforms. Number of shared functions and resources. Number and frequency of changes. Number of breakdowns due to a lack of preventive maint | Infrastructure is managed and procured separately by each Operating Administration        | By March 2006, consolidate 100% of IT infrastructure management and procurement resources across DOT, excluding the FAA.               | Infrastructure management and procurement has been significantly reduced. Applications server facilities have been reduced from 11 to 3.   |
| 2006                          | Organizational Excellence   | Customer Results | Service Quality        | Accuracy of Service or Product Delivered | Consolidated Infrastructure availability 24x7 throughout the fiscal year. Time lag of resolution of a service level  | Separate IT Infrastructure availability levels for the DOT Headquarters and the Operating | COE availability rate will be at least 98.0% (24x7), exclusive of planned maintenance  | COE availability is 99%. Abandon rate is 7%. First call resolution rate is 74% Customer satisfaction is  |

| Performance Information Table |                             |                              |                                       |  |  |  |   |   |
|-------------------------------|-----------------------------|------------------------------|---------------------------------------|--|--|--|---|---|
| Fiscal Year                   | Strategic Goal(s) Supported | Measurement Area             | Measurement Category                  | Measurement Grouping                     | Measurement Indicator  | Baseline   | Target  | Actual Results  |
|                               |                             |                              |                                       |  | change request. Frequency of customer satisfaction surveys. Time lag to resolve a service level issue.   | Administrations 24x7. No systematic measurement of customer satisfaction.  | periods. Customer satisfaction with centralized services will exceed 90%. Call abandon rate will not exceed 10%. First call resolution will be at least 65%                         | 93%   |
| 2006                          | Organizational Excellence   | Customer Results             | Service Quality                       | Accuracy of Service or Product Delivered | Consolidated Infrastructure availability 24x7 throughout the fiscal year. Time lag of resolution of a service level change request. Frequency of customer satisfaction surveys. Time lag to resolve a service level issue. | Separate IT Infrastructure availability levels for the DOT Headquarters and the Operating Administrations 24x7.  | Through the implementation of the DOT COE, the consolidated IT infrastructure availability rate will be at least 98.5% (24x7) in FY 2006, exclusive of planned maintenance periods. | The Common Operating Environment was extended to the Operating Administrations in 2006. Migration of common IT services to COE complete May 2006.   |
| 2006                          | Organizational Excellence   | Processes and Activities     | Cycle Time and Resource Time          | Cycle Time                               | % of eligible DOT customers serviced   | 0% of the consolidated IT infrastructure has been established. At present DOT Headquarters and each Operating Administration provide their own IT infrastructure services. | By May 2006, 100% of eligible HQ customers will receive IT infrastructure services throughout the DOT from the COE.   | As of May 2006, all eligible HQ customers (except FAA) receive Common IT Services via the DOT Common Operating Environment  |
| 2006                          | Organizational Excellence   | Technology                   | Financial (Technology)                | Licensing Costs                          | Percent of COE IT enterprise licensing and DOT-wide support service agreements.  | 100% of COE desktops will have software procured through DOT enterprise licensing agreements.  | Lower IT enterprise licenses, equipment BPA's, and support costs by 5% in FY 2007   | Savings through enterprise licensing are being achieved as administrations enter the COE. Savings data will not be available until next budget cycle when all IT procurements are combined. |
| 2007                          | Organizational Excellence   | Mission and Business Results | Information and Technology Management | Information Management                   | Ratio of IT infrastructure support spending (\$) to mission/operating spending. Percentage of variance between budgets, forecasts and actual costs. Percentage reduction in information service rates.                     | Over \$85M per fiscal year is being spent on Common IT Services infrastructure support throughout DOT (excluding the FAA).   | Lower IT infrastructure support spending to less than \$70M throughout DOT. Within legal constraints, transfer savings to mission/operating activities.                             | Common IT Services spending has been reduced to estimated 66M for FY09.   |
| 2007                          | Organizational Excellence   | Technology                   | Efficiency                            | Improvement                              | Co-location of Operating Administration application servers  | Application servers are housed in 11 different facilities  | Co-locate all application servers to a single facility by FY 2007   | Application servers facilities have been reduced to three.  |

**Section E: Security and Privacy (IT Capital Assets only)**

In order to successfully address this area of the business case, each question below must be answered at the system/application level, not at a program or agency level. Systems supporting this investment on the planning and operational systems security tables should match the systems on the privacy table below. Systems on the Operational Security Table must be included on your agency FISMA system inventory and should be easily referenced in the inventory (i.e., should use the same name or

identifier).

For existing Mixed-Life Cycle investments where enhancement, development, and/or modernization is planned, include the investment in both the "Systems in Planning" table (Table 3) and the "Operational Systems" table (Table 4). Systems which are already operational, but have enhancement, development, and/or modernization activity, should be included in both Table 3 and Table 4. Table 3 should reflect the planned date for the system changes to be complete and operational, and the planned date for the associated C&A update. Table 4 should reflect the current status of the requirements listed. In this context, information contained within Table 3 should characterize what updates to testing and documentation will occur before implementing the enhancements; and Table 4 should characterize the current state of the materials associated with the existing system.

All systems listed in the two security tables should be identified in the privacy table. The list of systems in the "Name of System" column of the privacy table (Table 8) should match the systems listed in columns titled "Name of System" in the security tables (Tables 3 and 4). For the Privacy table, it is possible that there may not be a one-to-one ratio between the list of systems and the related privacy documents. For example, one PIA could cover multiple systems. If this is the case, a working link to the PIA may be listed in column (d) of the privacy table more than once (for each system covered by the PIA).

The questions asking whether there is a PIA which covers the system and whether a SORN is required for the system are discrete from the narrative fields. The narrative column provides an opportunity for free text explanation why a working link is not provided. For example, a SORN may be required for the system, but the system is not yet operational. In this circumstance, answer "yes" for column (e) and in the narrative in column (f), explain that because the system is not operational the SORN is not yet required to be published.

Please respond to the questions below and verify the system owner took the following actions:

- 1. Have the IT security costs for the system(s) been identified and integrated into the overall costs of the investment? Yes
  - a. If "yes," provide the "Percentage IT Security" for the budget year: 21.9%
- 2. Is identifying and assessing security and privacy risks a part of the overall risk management effort for each system supporting or part of this investment? Yes

**3. Systems in Planning and Undergoing Enhancement(s), Development, and/or Modernization - Security Table(s):**

| Name of System | Agency/ or Contractor Operated System? | Planned Operational Date | Date of Planned C&A update (for existing mixed life cycle systems) or Planned Completion Date (for new systems) |
|----------------|--|--------------------------|---|
| Redacted       | Redacted                               | Redacted                 | Redacted  |

**4. Operational Systems - Security Table:**

| Name of System | Agency/ or Contractor Operated System? | NIST FIPS 199 Risk Impact level (High, Moderate, Low) | Has C&A been Completed, using NIST 800-37? (Y/N) | Date Completed: C&A | What standards were used for the Security Controls tests? (FIPS 200/NIST 800-53, Other, N/A) | Date Complete(d): Security Control Testing | Date the contingency plan tested |
|----------------|--|---|--|---------------------|--|--|----------------------------------|
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 9/11/2006                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 7/31/2006                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 3/8/2007                         |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 6/11/2007                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 7/5/2007                         |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 9/13/2006                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 7/3/2007                         |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 2/28/2007                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 1/13/2006                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 10/16/2006                       |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 7/25/2006                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 2/28/2007                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 8/31/2006                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 6/6/2006                         |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 12/9/2006                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 12/9/2006                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 12/9/2006                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 12/9/2006                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 12/9/2006                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 12/9/2006                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 12/9/2006                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 6/12/2007                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 5/9/2007                         |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 6/21/2007                        |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 5/9/2007                         |
| Redacted       | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 4/30/2007                        |

| 4. Operational Systems - Security Table: |  |   |  |                     |  |  |                                  |
|--|--|---|--|---------------------|--|--|----------------------------------|
| Name of System                           | Agency/ or Contractor Operated System? | NIST FIPS 199 Risk Impact level (High, Moderate, Low) | Has C&A been Completed, using NIST 800-37? (Y/N) | Date Completed: C&A | What standards were used for the Security Controls tests? (FIPS 200/NIST 800-53, Other, N/A) | Date Complete(d): Security Control Testing | Date the contingency plan tested |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 4/3/2007                         |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 10/26/2006                       |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 5/16/2007                        |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   |                                  |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   |                                  |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   |                                  |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   |                                  |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   |                                  |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   |                                  |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   |                                  |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   |                                  |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 5/16/2007                        |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 3/29/2007                        |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 5/17/2007                        |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 8/3/2006                         |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 8/4/2006                         |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 6/1/2007                         |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 9/6/2007                         |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 6/27/2006                        |
| Redacted                                 | Redacted                               | Redacted  | Redacted   | Redacted            | Redacted   | Redacted                                   | 9/30/2007                        |

5. Have any weaknesses, not yet remediated, related to any of the systems part of or supporting this investment been identified by the agency or IG? Yes

a. If "yes," have those weaknesses been incorporated into the agency's plan of action and milestone process? Yes

6. Indicate whether an increase in IT security funding is requested to remediate IT security weaknesses? Redacted

a. If "yes," specify the amount, provide a general description of the weakness, and explain how the funding request will remediate the weakness.

7. How are contractor security procedures monitored, verified, and validated by the agency for the contractor systems above? Redacted

| 8. Planning & Operational Systems - Privacy Table: |                                 |   |   |  |  |
|--|---------------------------------|---|---|--|--|
| (a) Name of System                                 | (b) Is this a new system? (Y/N) | (c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N) | (d) Internet Link or Explanation  | (e) Is a System of Records Notice (SORN) required for this system? (Y/N) | (f) Internet Link or Explanation                               |
| Initiative: FAAXX101: NEXGEN                       | No                              | No  | N/A because the system does not contain, process, or transmit personal identifying information  | No   | N/A because the system is not a privacy act system of records. |
| Initiative: FAAXX199: ATO LAN                      | No                              | No  | N/A because the system does not contain, process, or transmit personal identifying information  | No   | N/A because the system is not a privacy act system of records. |
| Initiative: FAAXX202: AHR LAN                      | Yes                             | No  | No, because even though it has personal identifying information, the system contains information solely about federal employees and agency contractors. | Yes  |  |
| Initiative: FAAXX220: AST LAN                      | Yes                             | No  | No, because even though it has personal identifying information, the system contains information solely about federal                                   | No   |  |



| 8. Planning & Operational Systems - Privacy Table:                        |                                 |   |   |  |   |
|---|---------------------------------|---|---|--|---|
| (a) Name of System  | (b) Is this a new system? (Y/N) | (c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N) | (d) Internet Link or Explanation  | (e) Is a System of Records Notice (SORN) required for this system? (Y/N) | (f) Internet Link or Explanation  |
|   |                                 |   | employees and agency contractors.   |  |   |
| Initiative: FAAXX231:<br>ABA LAN  | Yes                             | No  | No, because even though it has personal identifying information, the system contains information solely about federal employees and agency contractors. | Yes  |   |
| Initiative: FAAXX261:<br>ARP LAN  | No                              | No  | N/A because the system does not contain, process, or transmit personal identifying information  | No   |   |
| Initiative: FAAXX298:<br>FAA CSIRC Infrastructure                         | Yes                             | No  | No, because even though it has personal identifying information, the system contains information solely about federal employees and agency contractors. | No   |   |
| Initiative: FAAXX298:<br>FAA CSIRC Antivirus System (eTrust AV Servers)   | Yes                             | No  | No, because even though it has personal identifying information, the system contains information solely about federal employees and agency contractors. | No   |   |
| Initiative: FAAXX375:<br>Aeronautical Center Office Automation            | No                              | No  | No, because even though it has personal identifying information, the system contains information solely about federal employees and agency contractors. | Yes  |   |
| Initiative: FAAXX409:<br>Aviation Training Network (ATN)                  | Yes                             | No  | No, because even though it has personal identifying information, the system contains information solely about federal employees and agency contractors. | No   |   |
| Initiative: FAAXX464:<br>CMEL LAN   | Yes                             | No  | No, because even though it has personal identifying information, the system contains information solely about federal employees and agency contractors. | No   |   |
| Initiative: FAAXX620:<br>ASH HQ LAN                                       | Yes                             | No  | No, because even though it has personal identifying information, the system contains information solely about federal employees and agency contractors. | No   |   |
| Initiative: FAAXX620:<br>ASH LANs   | Yes                             | No  | No, because even though it has personal identifying information, the system contains information solely about federal employees and agency contractors. | No   |   |
| Initiative: FAAXX700:<br>ARC LAN  | No                              | No  | N/A because the system does not contain, process, or transmit personal identifying information  | No   |   |
| Initiative: FHWAX034:<br>User Profile and Access Control System (UPACS)   | No                              | Yes   | <a href="http://www.dot.gov/pia/fhwa_upacs">http://www.dot.gov/pia/fhwa_upacs</a>   | No   | <a href="http://www.dot.gov/pia/fhwa_upacs#_Toc58752610">http://www.dot.gov/pia/fhwa_upacs#_Toc58752610</a> |
| Initiative: FHWAX040:<br>FHWA ITD Application and Oracle Database Servers | No                              | No  |   | No   |   |
| Initiative: FHWAX040:<br>FHWA ITD Web Servers                             | No                              | No  |   | No   |   |
| Initiative: FHWAX040:<br>FHWA MS Exchange Electronic Mail System          | No                              | No  |   | No   |   |

| 8. Planning & Operational Systems - Privacy Table:  |                                 |   |   |  |                                  |
|---|---------------------------------|---|---|--|----------------------------------|
| (a) Name of System  | (b) Is this a new system? (Y/N) | (c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N) | (d) Internet Link or Explanation  | (e) Is a System of Records Notice (SORN) required for this system? (Y/N) | (f) Internet Link or Explanation |
| Initiative: FHWAX040:<br>FHWA Network/LAN/WAN   | No                              | No  |   | No   |                                  |
| Initiative: FHWAX040:<br>FHWA Office Automation   | No                              | No  |   | No   |                                  |
| Initiative: FHWAX040:<br>FHWA Video Conferencing System   | No                              | No  |   | No   |                                  |
| Initiative: FRAXX306:<br>Infrastructure-WAN and Infrastructure System   | No                              | No  | No, because the system does not contain, process, or transmit personal identifying information. | No   |                                  |
| Initiative: MARAD015:<br>Common Content Environment (CCE)   | No                              | No  |   | No   |                                  |
| Initiative: MARAD015:<br>Enclave 1 - Ballast Water Initiative, Deepwater Ports Licensing, American Fisheries, Press Clips Search, Purchase Card Reconciliation System, Small Vessel Waiver Program  | No                              | No  |   | No   |                                  |
| Initiative: MARAD015:<br>Enclave 2 – BITS, Crew Manifest Database, Port Conveyance  | No                              | No  |   | No   |                                  |
| Initiative: MARAD015:<br>Enclave 3 – Portal, Cargo Handling (CHCP)  | No                              | No  |   | No   |                                  |
| Initiative: MARAD015:<br>Enclave 4 – Inland Waterways Intermodal Cooperative Program (IWICP), Inland Waterways Research Project (IWRP), International Maritime Statistics Forum and Membership Directory (IMSF), Marine Highway Initiative (MHI), formerly Short Sea Shipping, Vessel Status Card   | No                              | No  |   | No   |                                  |
| Initiative: MARAD015:<br>Enclave 5 – Amicus Attorney, CAPOS, Financial Review and Contract Surveillance System (FRACS), Lloyd's Register/Fair Play's Enhanced Register on CD and The Lloyd's Maritime Database, Lloyd's Register/Fair Play's World Shipping Encyclopedia, Port Import Export Reporting Service (PIERS), Personnel Management Information System (PMIS), Safety Management Information Systems (SMIS), Payroll Labor Distribution, Freebalance | No                              | Yes   |   | Yes  |                                  |
| Initiative: MARAD015:<br>Enclave 6 – CatXpress, Electronic Invoice System (EIS), FOIA Express Ideas-PD, RSTARS (with NS5/RMS), RMS - (formerly Nautical Systems 5 (NS5))  | No                              | No  |   | No   |                                  |
| Initiative: MARAD015:<br>Enclave 7 – Mariner Tracking System (MTS)/Mariner Oversight System (MOS), Maritime Service Compliance System (MSCS), Ship  | No                              | Yes   |   | Yes  |                                  |

| 8. Planning & Operational Systems - Privacy Table:  |                                 |   |   |  |                                  |
|---|---------------------------------|---|---|--|----------------------------------|
| (a) Name of System  | (b) Is this a new system? (Y/N) | (c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N) | (d) Internet Link or Explanation  | (e) Is a System of Records Notice (SORN) required for this system? (Y/N) | (f) Internet Link or Explanation |
| Manager Performance Evaluation and Appraisal System (SM-PEAS), CPPMS  |                                 |   |   |  |                                  |
| Initiative: MARAD015: Enclave 8 – VOA   | No                              | No  |   | No   |                                  |
| Initiative: MARAD015: MARAD Field Offices WAN   | No                              | No  |   | No   |                                  |
| Initiative: MARAD015: United States Merchant Marine Academy LAN   | No                              | No  |   | Yes  |                                  |
| Initiative: NHTSA008: VEHICLE RESEARCH AND TEST CENTER (VRTC) COMPUTER SYSTEM   | No                              | No  | No, because the system does not contain, process, or transmit personal identifying information. | No   |                                  |
| Initiative: OIGXX001: Transportation Inspector General Reporting (TIGR)   | No                              | Yes   |   | Yes  |                                  |
| Initiative: OIGXX002 US DOT/OIG Infrastructure  | No                              | No  | No, because the system does not contain, process, or transmit personal identifying information. | No   |                                  |
| Initiative: RITAX013: Volpe ADP Institutional Support Service   | No                              | No  |   | No   |                                  |
| Initiative: RITAX016: TSI Infrastructure  | No                              | No  |   | No   |                                  |
| Initiative: STBXX003: STB LAN   | No                              | No  |   | No   |                                  |
| Initiative: XXXXX777: DOT Common Operating Environment  | No                              | Yes   | <a href="http://www.dot.gov/pia/ost_dotitcoe.htm">http://www.dot.gov/pia/ost_dotitcoe.htm</a>   | No   |                                  |
| <b>Details for Text Options:</b>  |                                 |   |   |  |                                  |
| Column (d): If yes to (c), provide the link(s) to the publicly posted PIA(s) with which this system is associated. If no to (c), provide an explanation why the PIA has not been publicly posted or why the PIA has not been conducted.                     |                                 |   |   |  |                                  |
| Column (f): If yes to (e), provide the link(s) to where the current and up to date SORN(s) is published in the federal register. If no to (e), provide an explanation why the SORN has not been published or why there isn't a current and up to date SORN. |                                 |   |   |  |                                  |
| Note: Working links must be provided to specific documents not general privacy websites. Non-working links will be considered as a blank field.   |                                 |   |   |  |                                  |

**Section F: Enterprise Architecture (EA) (IT Capital Assets only)**

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.

1. Is this investment included in your agency's target enterprise architecture? Yes
  - a. If "no," please explain why?
  
2. Is this investment included in the agency's EA Transition Strategy? Yes
  - a. If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment. DOTXX070: Combined IT Infrastructure
  - b. If "no," please explain why?
  
3. Is this investment identified in a completed (contains a target architecture) and approved segment architecture? Yes
  - a. If "yes," provide the name of the segment architecture as provided in the agency's most recent annual EA Assessment. Enterprise Services Segment

Exhibit 300: DOTXX070: DOT IT Combined Infrastructure (Revision 14)

| 4. Service Component Reference Model (SRM) Table:   |  |                              |                              |                                   |                                   |                                  |                                 |                           |
|---|--|------------------------------|------------------------------|-----------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------|
| Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to <a href="http://www.egov.gov">http://www.egov.gov</a> . |  |                              |                              |                                   |                                   |                                  |                                 |                           |
| Agency Component Name   | Agency Component Description   | FEA SRM Service Domain       | FEA SRM Service Type         | FEA SRM Component (a)             | Service Component Reused Name (b) | Service Component Reused UPI (b) | Internal or External Reuse? (c) | BY Funding Percentage (d) |
| Computers/Automation Management   | Defines the set of capabilities that support the management of management of computers, networks, and telecommunication services   | Back Office Services         | Asset / Materials Management | Computers / Automation Management |                                   |                                  | No Reuse                        | 0                         |
| Data Cleansing  | Support the maintenance and administration of data.  | Back Office Services         | Data Management              | Data Classification               |                                   |                                  | No Reuse                        | 0                         |
| Data Exchange   | Defines the set of capabilities that support the interchange of information between multiple systems or applications.  | Back Office Services         | Data Management              | Data Exchange                     |                                   |                                  | No Reuse                        | 0                         |
| Data Warehousing  | Defines the capabilities that support the archiving, storage and retrieval of large volumes of data  | Back Office Services         | Data Management              | Data Warehouse                    |                                   |                                  | No Reuse                        | 0                         |
| Intrusion Detection   | Defines the set of capabilities that support the detection of illegal entrance into a computer system  | Back Office Services         | Development and Integration  | Data Integration                  |                                   |                                  | No Reuse                        | 0                         |
| Data Mining   | Allow DOT to analyze data from different perspectives and summarize it into useful information by finding correlations or patterns. Enhances shared use of data and summaries across the department and with external agencies | Business Analytical Services | Analysis and Statistics      | Forensics                         | Data Mining                       |                                  | No Reuse                        | 0                         |
| Ad Hoc Reporting  | Defines the set of capabilities that support the use of dynamic reports on an as needed basis  | Business Analytical Services | Reporting                    | Ad Hoc                            |                                   |                                  | No Reuse                        | 0                         |
| Standardized Reporting  | Defines the set of capabilities that support the use of templates or preconceived/prewritten reports.  | Business Analytical Services | Reporting                    | Standardized / Canned             |                                   |                                  | No Reuse                        | 0                         |
| Change Management   | Defines the set of capabilities that control the process for updates or modifications to existing software or business processes of an organization.   | Business Management Services | Management of Processes      | Change Management                 |                                   |                                  | No Reuse                        | 0                         |
| Program/Project Management  | Defines the set of capabilities for the management and control of a particular effort of an  | Business Management Services | Management of Processes      | Program / Project Management      |                                   |                                  | No Reuse                        | 0                         |

| 4. Service Component Reference Model (SRM) Table:   |   |                              |                               |                                     |                                   |                                  |                                 |                           |
|---|---|------------------------------|-------------------------------|-------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------|
| Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to <a href="http://www.egov.gov">http://www.egov.gov</a> . |   |                              |                               |                                     |                                   |                                  |                                 |                           |
| Agency Component Name   | Agency Component Description  | FEA SRM Service Domain       | FEA SRM Service Type          | FEA SRM Component (a)               | Service Component Reused Name (b) | Service Component Reused UPI (b) | Internal or External Reuse? (c) | BY Funding Percentage (d) |
|   | organization.   |                              |                               |                                     |                                   |                                  |                                 |                           |
| Quality Management  | Defines the set of capabilities intended to help determine the level that a product or service satisfies certain requirements.  | Business Management Services | Management of Processes       | Quality Management                  |                                   |                                  | No Reuse                        | 0                         |
| Requirements Management   | Defines the set of capabilities for gathering, analyzing and fulfilling the needs and prerequisites of an organization's efforts.   | Business Management Services | Management of Processes       | Requirements Management             |                                   |                                  | No Reuse                        | 0                         |
| Network Management  | Defines the set of capabilities involved in monitoring and maintaining a communications network in order to diagnose problems, gather statistics and provide general usage. | Business Management Services | Organizational Management     | Network Management                  |                                   |                                  | No Reuse                        | 0                         |
| Online Help   | Defines the set of capabilities that enable the customer to receive technical assistance electronically   | Customer Services            | Customer Initiated Assistance | Online Help                         |                                   |                                  | No Reuse                        | 0                         |
| Information Retrieval   | Defines the set of capabilities that allow access to data and information for use by an organization and its stakeholders   | Digital Asset Services       | Knowledge Management          | Information Retrieval               |                                   |                                  | No Reuse                        | 0                         |
| Information Sharing   | Defines the set of capabilities that support the use of documents and data in a multi-user environment for use by an organization and its stakeholders.                     | Digital Asset Services       | Knowledge Management          | Information Sharing                 |                                   |                                  | No Reuse                        | 0                         |
| Knowledge Distribution and Delivery   | Defines the set of capabilities that support the transfer of knowledge to the end customer.   | Digital Asset Services       | Knowledge Management          | Knowledge Distribution and Delivery |                                   |                                  | No Reuse                        | 0                         |
| Email   | Defines the set of capabilities that support the transmission of memos and messages over a network  | Support Services             | Collaboration                 | Email                               |                                   |                                  | No Reuse                        | 0                         |
| Community Management  | Defines the set of capabilities that support the administration of online groups that share common interests.   | Support Services             | Communication                 | Community Management                |                                   |                                  | No Reuse                        | 0                         |
| Query   | Defines the set of capabilities   | Support Services             | Search                        | Query                               |                                   |                                  | No Reuse                        | 0                         |

| 4. Service Component Reference Model (SRM) Table:   |  |                        |                      |                                   |                                   |                                  |                                 |                           |
|---|--|------------------------|----------------------|-----------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------|
| Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to <a href="http://www.egov.gov">http://www.egov.gov</a> . |  |                        |                      |                                   |                                   |                                  |                                 |                           |
| Agency Component Name   | Agency Component Description   | FEA SRM Service Domain | FEA SRM Service Type | FEA SRM Component (a)             | Service Component Reused Name (b) | Service Component Reused UPI (b) | Internal or External Reuse? (c) | BY Funding Percentage (d) |
|   | that support retrieval of records that satisfy specific query selection criteria.  |                        |                      |                                   |                                   |                                  |                                 |                           |
| Access Control  | Defines the set of capabilities that support the management of permissions for logging onto a computer or network.   | Support Services       | Security Management  | Access Control                    |                                   |                                  | No Reuse                        | 0                         |
| Audit Trail   | Defines the set of capabilities that support the identification and monitoring of activities within an application or system.  | Support Services       | Security Management  | Audit Trail Capture and Analysis  |                                   |                                  | No Reuse                        | 0                         |
| Identification & Authentication   | Defines the set of capabilities that support obtaining information for security purposes about parties attempting to log on to a system or application and the validation of those parties                   | Support Services       | Security Management  | Identification and Authentication |                                   |                                  | No Reuse                        | 0                         |
| Intrusion Dection   | Defines the set of capabilities that the dection of illegal entrance into a computer system  | Support Services       | Security Management  | Intrusion Detection               |                                   |                                  | No Reuse                        | 0                         |
| Intrusion Prevention  | Defines the set of capabilities that support the granting of permission to users or groups of users to computers, applications, or networks. Also prevents non-authorized users from gaining access to same. | Support Services       | Security Management  | Intrusion Prevention              |                                   |                                  | No Reuse                        | 0                         |
| Remote Systems Control  | Defines the set of capabilities that allow remote access to computers, networks and applications   | Support Services       | Systems Management   | Remote Systems Control            |                                   |                                  | No Reuse                        | 0                         |

a. Use existing SRM Components or identify as "NEW". A "NEW" component is one not already identified as a service component in the FEA SRM.

b. A reused component is one being funded by another investment, but being used by this investment. Rather than answer yes or no, identify the reused service component funded by the other investment and identify the other investment using the Unique Project Identifier (UPI) code from the OMB Ex 300 or Ex 53 submission.

c. 'Internal' reuse is within an agency. For example, one agency within a department is reusing a service component provided by another agency within the same department. 'External' reuse is one agency within a department reusing a service component provided by another agency in another department. A good example of this is an E-Gov initiative service being reused by multiple organizations across the federal government.

d. Please provide the percentage of the BY requested funding amount used for each service component listed in the table. If external, provide the percentage of the BY requested funding amount transferred to another agency to pay for the service. The percentages in the column can, but are not required to, add up to 100%.

**5. Technical Reference Model (TRM) Table:**

To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and Service Specifications supporting this IT investment.

| FEA SRM Component (a)             | FEA TRM Service Area                | FEA TRM Service Category  | FEA TRM Service Standard           | Service Specification (b)<br>(i.e., vendor and product name) |
|-----------------------------------|-------------------------------------|---------------------------|------------------------------------|--|
| Software Development              | Component Framework                 | Business Logic            | Platform Dependent                 | Redacted   |
| Data Exchange                     | Component Framework                 | Data Management           | Database Connectivity              | Redacted   |
| Identification and Authentication | Component Framework                 | Presentation / Interface  | Static Display                     | Redacted   |
| Network Management                | Component Framework                 | Presentation / Interface  | Static Display                     | Redacted   |
| Email                             | Service Access and Delivery         | Access Channels           | Collaboration / Communications     | Redacted   |
| Query                             | Service Access and Delivery         | Access Channels           | Collaboration / Communications     | Redacted   |
| Shared Calendaring                | Service Access and Delivery         | Access Channels           | Collaboration / Communications     | Redacted   |
| Information Retrieval             | Service Access and Delivery         | Access Channels           | Web Browser                        | Redacted   |
| Information Sharing               | Service Access and Delivery         | Access Channels           | Web Browser                        | Redacted   |
| Remote Systems Control            | Service Access and Delivery         | Access Channels           | Wireless / PDA                     | Redacted   |
| Access Control                    | Service Access and Delivery         | Service Requirements      | Authentication / Single Sign-on    | Redacted   |
| Computers / Automation Management | Service Access and Delivery         | Service Requirements      | Hosting                            | Redacted   |
| Access Control                    | Service Access and Delivery         | Service Requirements      | Legislative / Compliance           | Redacted   |
| Network Management                | Service Access and Delivery         | Service Transport         | Service Transport                  | Redacted   |
| Email                             | Service Access and Delivery         | Service Transport         | Supporting Network Services        | Redacted   |
| Email                             | Service Access and Delivery         | Service Transport         | Supporting Network Services        | Redacted   |
| Email                             | Service Access and Delivery         | Service Transport         | Supporting Network Services        | Redacted   |
| Data Exchange                     | Service Interface and Integration   | Integration               | Enterprise Application Integration | Redacted   |
| Data Exchange                     | Service Interface and Integration   | Interface                 | Service Description / Interface    | Redacted   |
| Data Exchange                     | Service Interface and Integration   | Interoperability          | Data Format / Classification       | Redacted   |
| Information Retrieval             | Service Platform and Infrastructure | Database / Storage        | Database                           | Redacted   |
| Data Warehouse                    | Service Platform and Infrastructure | Database / Storage        | Storage                            | Redacted   |
| Data Recovery                     | Service Platform and Infrastructure | Database / Storage        | Storage                            | Redacted   |
| Information Retrieval             | Service Platform and Infrastructure | Delivery Servers          | Web Servers                        | Redacted   |
| Computers / Automation Management | Service Platform and Infrastructure | Hardware / Infrastructure | Embedded Technology Devices        | Redacted   |
| Intrusion Detection               | Service Platform and Infrastructure | Hardware / Infrastructure | Embedded Technology Devices        | Redacted   |
| Information Retrieval             | Service Platform and Infrastructure | Hardware / Infrastructure | Embedded Technology Devices        | Redacted   |
| Computers / Automation Management | Service Platform and Infrastructure | Hardware / Infrastructure | Local Area Network (LAN)           | Redacted   |
| Data Exchange                     | Service Platform and Infrastructure | Software Engineering      | Software Configuration Management  | Redacted   |
| Configuration Management          | Service Platform and Infrastructure | Software Engineering      | Software Configuration Management  | Redacted   |
| Computers / Automation Management | Service Platform and Infrastructure | Support Platforms         | Platform Independent               | Redacted   |
| Remote Systems Control            | Service Platform and Infrastructure | Support Platforms         | Wireless / Mobile                  | Redacted   |

a. Service Components identified in the previous question should be entered in this column. Please enter multiple rows for FEA SRM Components supported by multiple TRM Service Specifications

b. In the Service Specification field, agencies should provide information on the specified technical standard or vendor product mapped to the FEA TRM Service Standard, including model or version numbers, as appropriate.

6. Will the application leverage existing components and/or applications across the Government (i.e., FirstGov, Pay.Gov, etc)? No

a. If "yes," please describe.

**Exhibit 300: Part II: Planning, Acquisition and Performance Information**

**Section A: Alternatives Analysis (All Capital Assets)**

Part II should be completed only for investments identified as "Planning" or "Full Acquisition," or "Mixed Life-Cycle" investments in response to Question 6 in Part I, Section A above.

In selecting the best capital asset, you should identify and consider at least three viable alternatives, in addition to the current baseline, i.e., the status quo. Use OMB Circular A-94 for all investments and the Clinger Cohen Act of 1996 for IT investments to determine the criteria you should use in your Benefit/Cost Analysis.

1. Did you conduct an alternatives analysis for this project?      Yes
  - a. If "yes," provide the date the analysis was completed?      8/16/2005
  - b. If "no," what is the anticipated date this analysis will be completed?
  - c. If no analysis is planned, please briefly explain why:

| 2. Alternative Analysis Results:   |                            |  | * Costs in millions                       |
|--|----------------------------|--|---|
| Use the results of your alternatives analysis to complete the following table: |                            |  |   |
| Alternative Analyzed   | Description of Alternative | Risk Adjusted Lifecycle Costs estimate | Risk Adjusted Lifecycle Benefits estimate |
| Redacted   | Redacted                   | Redacted                               | Redacted                                  |
| Redacted   | Redacted                   | Redacted                               | Redacted                                  |
| Redacted   | Redacted                   | Redacted                               | Redacted                                  |
| Redacted   | Redacted                   | Redacted                               | Redacted                                  |

3. Which alternative was selected by the Agency's Executive/Investment Committee and why was it chosen?

Redacted

4. What specific qualitative benefits will be realized?

Redacted

5. Will the selected alternative replace a legacy system in-part or in-whole?      No

a. If "yes," are the migration costs associated with the migration to the selected alternative included in this investment, the legacy investment, or in a separate migration investment.      This Investment

b. If "yes," please provide the following information:

| List of Legacy Investment or Systems     |                  |                               |
|--|------------------|-------------------------------|
| Name of the Legacy Investment of Systems | UPI if available | Date of the System Retirement |
|  |                  |                               |

**Section B: Risk Management (All Capital Assets)**

You should have performed a risk assessment during the early planning and initial concept phase of this investment's life-cycle, developed a risk-adjusted life-cycle cost estimate and a plan to eliminate, mitigate or manage risk, and be actively managing risk throughout the investment's life-cycle.

1. Does the investment have a Risk Management Plan?      Yes
  - a. If "yes," what is the date of the plan?      8/4/2003
  - b. Has the Risk Management Plan been significantly changed since last year's submission to OMB?      No
  - c. If "yes," describe any significant changes:

2. If there currently is no plan, will a plan be developed?

- a. If "yes," what is the planned completion date?
- b. If "no," what is the strategy for managing the risks?

3. Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule:

Life cycle costs were risk-adjusted by 20% to compensate for additional resources should the consolidation project incur delays. This adjustment was identified as a standard industry practice by the consultant contracted to advise on consolidation benefits



and practices as set forth under Alternative 1 (OST-Managed Consolidation). Funding for this project was cut in FY 2005 and DOT reverted to Alternative 2 (Federated Consolidation) where the Operating Administrations bore the costs of consolidation. Because they had not previously identified this requirement in budget requests, the necessary resources came from existing administration IT operating funds.

**Section C: Cost and Schedule Performance (All Capital Assets)**

EVM is required only on DME portions of investments. For mixed lifecycle investments, O&M milestones should still be included in the table (Comparison of Initial Baseline and Current Approved Baseline). This table should accurately reflect the milestones in the initial baseline, as well as milestones in the current baseline.

1. Does the earned value management system meet the criteria in ANSI/EIA Standard-748? No
2. Is the CV% or SV% greater than +/- 10%? (CV%= CV/EV x 100; SV%= SV/PV x 100) Yes
  - a. If "yes," was it the CV or SV or both? CV
  - b. If "yes," explain the causes of the variance:
  - c. If "yes," describe the corrective actions:
3. Has the investment re-baselined during the past fiscal year? No
  - a. If "yes," when was it approved by the agency head?

Exhibit 300: DOTXX070: DOT IT Combined Infrastructure (Revision 14)

4. Comparison of Initial Baseline and Current Approved Baseline

Complete the following table to compare actual performance against the current performance baseline and to the initial performance baseline. In the Current Baseline section, for all milestones listed, you should provide both the baseline and actual completion dates (e.g., "03/23/2003"/ "04/28/2004") and the baseline and actual total costs (in \$ Millions). In the event that a milestone is not found in both the initial and current baseline, leave the associated cells blank. Note that the 'Description of Milestone' and 'Percent Complete' fields are required. Indicate '0' for any milestone no longer active.

| Milestone Number      | Description of Milestone | Initial Baseline                     |                            | Current Baseline             |          |                  |          | Current Baseline Variance |            | Percent Complete |
|-----------------------|--------------------------|--------------------------------------|----------------------------|------------------------------|----------|------------------|----------|---------------------------|------------|------------------|
|                       |                          | Planned Completion Date (mm/dd/yyyy) | Total Cost (\$M) Estimated | Completion Date (mm/dd/yyyy) |          | Total Cost (\$M) |          | Schedule (# days)         | Cost (\$M) |                  |
|                       |                          |                                      |                            | Planned                      | Actual   | Planned          | Actual   |                           |            |                  |
| Redacted              | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 100.00%          |
| 2                     | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 100.00%          |
| 3                     | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 100.00%          |
| 4                     | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 100.00%          |
| 5                     | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 100.00%          |
| 6                     | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 100.00%          |
| 7                     | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 100.00%          |
| 8                     | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 100.00%          |
| 9                     | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 100.00%          |
| 10                    | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 100.00%          |
| 11                    | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 100.00%          |
| 12                    | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 100.00%          |
| 13                    | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 100.00%          |
| 14                    | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 0.00%            |
| 15                    | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 0.00%            |
| 16                    | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 0.00%            |
| 17                    | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 0.00%            |
| 18                    | Redacted                 | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | 0.00%            |
| <b>Project Totals</b> |                          | Redacted                             | Redacted                   | Redacted                     | Redacted | Redacted         | Redacted | Redacted                  | Redacted   | Redacted         |