

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:

2. Agency: Department of Transportation

3. Bureau: Federal Highway Administration

4. Name of this Capital Asset: FHWAX026: National Bridge Inventory (NBI)

5. Unique Project (Investment) Identifier: (For IT investment only, see section 53. For all other, use agency ID system.) 021-15-01-14-01-1230-00

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.) Operations and Maintenance

7. What was the first budget year this investment was submitted to OMB? FY2002

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:

The National Bridge Inventory (NBI) system is one of FHWA's mission critical systems. It utilizes information collected under the auspices of the National Bridge Inspection Standards (NBIS) and follows specifications of the Recording and Coding Guide for the Structure Inventory and Appraisal of the Nation's Bridges. With NBI, the Bridge Program Division is able to: 1) apportion funds for the HBP program; 2) generate reports for Congress, Headquarters, Resource Centers, States, and FOIA requests; and 3) track bridge conditions to meet strategic goals. NBI supports FHWA's Bridge Division efforts to collect and report on bridge inspection information for all highway bridges in accordance with Title 23 section 144 and 23 CFR 650 C. The NBI also supports FHWA and DOT strategic goals for Reduced Congestion, Security and Organizational Excellence.

States inspect their bridges in accordance with the NBIS and submit the data to FHWA on an annual basis electronically through the NBI system. Unit cost data pertaining to bridge replacement and rehabilitation, which is required to be collected by regulation, is also collected at that time. A status is assigned to each bridge and an overall sufficiency rating calculated. Approximately 600,000 432-character bridge records are stored and maintained per year. The system contains data beginning in 1983. In addition, the NBI system interfaces with the Fiscal Management Information System (FMIS, FHWAX032); in order to provide FMIS with valid bridge structure numbers and to receive updated financial information for determining eligibility for HBP program funds.

Once a year, distribution of the funds for the HBP program is performed. Eligibility for each bridge is determined based on all the information in NBIS. This information is processed against the mandated Bridge formula from Title 23 and the apportionment amount for each state is calculated.

The NBI system is an operational system that went into production at the end of Fiscal Year 2002. NBI is a web-based system running on an Oracle relational database. Access to NBI is controlled by the User Profile Access Control System (UPACS, FHWAX034).

An E-Government Strategy Review was completed in May 2005. It found that NBI is currently meeting all DOT and FHWA goals and objectives it was supposed to address, is meeting customer needs, and is the most cost-effective and lowest risk alternative at this time.

9. Did the Agency's Executive/Investment Committee approve this request? Yes

a. If "yes," what was the date of this approval? 6/26/2007

10. Did the Project Manager review this Exhibit? Yes

11. Contact information of Project Manager?

Name Applewhite, Kim

Phone Number **Redacted**

Email Kimberly.Applewhite@dot.gov

a. What is the current FAC-P/PM certification level of the project/program manager? TBD

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12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project? Yes

a. Will this investment include electronic assets (including computers)? No

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? No

If "yes," check all that apply:

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.) 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) No

19. Is this a financial management system? No

a. If "yes," does this investment address a FFIA compliance area? No

1. If "yes," which compliance area:

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	0.000000
Software	0.000000
Services	100.000000
Other	0.000000

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 James Kabel

Phone Number **Redacted**

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Title FHWA Privacy Information Officer

E-mail James.Kabel@dot.gov

23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval? No

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 (REPORTED IN MILLIONS)									
(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:	0	0	0	0	Redacted	Redacted	Redacted	Redacted	Redacted
Acquisition:	0	0	0	0	Redacted	Redacted	Redacted	Redacted	Redacted
Subtotal Planning & Acquisition:	0	0	0	0	Redacted	Redacted	Redacted	Redacted	Redacted
Operations & Maintenance:	1.72	0.548	0.564	0.581	Redacted	Redacted	Redacted	Redacted	Redacted
TOTAL:	1.72	0.548	0.564	0.581	Redacted	Redacted	Redacted	Redacted	Redacted
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	0.441	0.095	0.098	0.1	Redacted	Redacted	Redacted	Redacted	Redacted
Number of FTE represented by Costs:	4	1	1	1	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:

N/A

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.

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Contracts/Task Orders Table:														* Costs in millions		
Contract or Task Order Number	Type of Contract/ Task Order	Has the contract been awarded (Y/N)	If so what is the date of the award? If not, what is the planned award date?	Start date of Contract/ Task Order	End date of Contract/ Task Order	Total Value of Contract/ Task Order (\$M)	Is this an Interagency Acquisition? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)	Does the contract include the required security & privacy clauses? (Y/N)	Name of CO	CO Contact information (phone/ email)	Contracting Officer Certification Level (Level 1,2,3,N/A)	
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
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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:

Since it is now in steady state, EVM is not required, however, quarterly cost performance reports are submitted.

3. Do the contracts ensure Section 508 compliance? Yes

a. Explain why:

The NBI system meets the Electronic and Information Technology Accessibility Standards as documented in the National Bridge Inventory System Section 508 Standards - Checklist.

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

a. If "yes," what is the date?

4/25/2002

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. 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	Customer Results	Customer Benefit	Customer Impact or Burden	Customer Impact or Burden	There are numerous data errors being made by the State users that are impacting the usefulness of the data.	Beginning to log all of the errors that keep recurring over the last 3 years, so solutions to reduce these errors can be developed.	A report was developed that highlights the recurring errors over the last 3 years. The errors were reported to the State to eliminate the recurring errors.
2005	Security	Mission and Business Results	Disaster Management	Disaster Monitoring and Prediction	Disaster Preparedness and Planning	In FY 04, it took 3 hours to restore NBI during the disaster recovery test.	Maintain or decrease the time it took to fully restore NBI during the next DR test.	In August 2005 during the Disaster Recovery test, NBI was restored in 3 hours.
2005	Security	Mission and Business Results	Homeland Security	Key Asset and Critical Infrastructure Protection	Key Asset and Critical Infrastructure Protection	NBI is a mission critical system which supports Homeland Security Agencies by providing infor. used for emergency planning and other national security activities. In 2005 a NBI contingency/ disaster plan was developed, documented & successfully tested	Provide 100% accessibility to NBI users during a contingency/ disaster recovery test.	NBI was accessible during the Disaster Recovery Test conducted in August 2005.
2005	Mobility	Mission and Business Results	Transportation	Ground Transportation	Ground	The deficient deck area on National Highway System	Reduce the deficient deck area on National Highway System	For FY05 actual percentages were 29.8 for NHS. Failure to

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Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
						(NHS) bridges in 2005 was 29.8%	(NHS) bridges by 2.4% annually.	meet the goal is a function of the bridge program rather than the NBI System.
2005	Mobility	Mission and Business Results	Transportation	Ground Transportation	Ground	The deficient deck area on Non National Highway System (NNHS) bridges in 2004 was 31.1%	Reduce the deficient deck area on Non National Highway System (NNHS) bridges by 2.1% annually.	For FY05 actual percentages were 31.1 for NNHS. Failure to meet the goal is a function of the bridge program rather than the NBI System.
2005	Organizational Excellence	Processes and Activities	Cycle Time and Resource Time	Cycle Time	Cycle Time	The current time to run internal error checks is 8 hrs, which equals 8,000 records checked/hr. On several occasions, States submitted their data late; therefore, the error checking process didn't have time to complete before the nightly shutdown.	Reduce the number of hours it takes to run internal error checking by increasing the number of records checked in a hour to 25,000.	We have modified the code that runs the internal error check and the load process has improved by speeding up the system by a factor of 3.
2005	Organizational Excellence	Processes and Activities	Cycle Time and Resource Time	Cycle Time	Cycle Time	In FY 04 the NBI system owner spends over 10.5 hours generating end of the year reports (approximately 90 reports 7 mins/report to type in parameters and generate).	Reduce the time the NBI system owner spends on producing end of the year reports to 4.5 hours (3 min/report). This will allow the NBI system owner to complete important work faster, meet deadlines easier, and get information to the states quicker.	In October 2005 the NBI Tables were modified due to the availability of the Oracle table partitioning that entitled the NBI reports to run 5x faster.
2005	Security	Technology	Reliability and Availability	Availability	Availability	NBI is posted to be available from 7:00 am EST to 10:00 pm EST daily. The database and server maintenance window is every weekend from Saturday at 10 pm EST to Sunday at 12 noon EST.	Ensure that NBI is available 98% of the posted times.	To date, the system is reported as being available 99% of the time.
2006	Organizational Excellence	Customer Results	Customer Benefit	Customer Impact or Burden	Customer Impact or Burden	There are data errors being made by the State in the annual NBI submittal files.	Modify the error report to include more detail information and provide feedback to the States on these errors annually.	A baseline could not be established at this time. Actual results will be measured by the timely annual feedback on these errors in form of reports.
2006	Safety	Mission and Business Results	Disaster Management	Disaster Preparedness and Planning	Disaster Preparedness and Planning	In FY 05, it took 3 hours to restore NBI during the disaster recovery test.	Maintain or decrease the time it took to fully restore NBI during the next DR test.	In June 2006 during the Disaster Recovery test, there was a 2 hour delay in starting, but once UPACS was up it took a 50 minutes to restore and test NBI.

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Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2006	Safety	Mission and Business Results	Disaster Management	Disaster Preparedness and Planning	Disaster Preparedness and Planning	NBI is a mission critical system identified in FHWA Disaster Recovery Plan. In 2005 a NBI contingency/disaster plan was developed, documented and successfully tested.	Provide 100% accessibility to NBI users during a contingency/disaster recovery test.	NBI was accessible during the Disaster Recovery Test conducted in June 2006. The next DR test is scheduled for August 2007.
2006	Mobility	Mission and Business Results	Transportation	Ground Transportation	Ground	The deficient deck area on Non National Highway System (NNHS) bridges in 2005 was 31.1%.	Reduce the deficient deck area on Non National Highway System (NNHS) bridges by 2.2% annually.	For FY06 actual percentages were 30.6 for NNHS. Failure to meet the goal is a function of the bridge program rather than the NBI System.
2006	Mobility	Mission and Business Results	Transportation	Ground Transportation	Ground	The deficient deck area on National Highway System (NHS) bridges in 2005 was 29.8%.	Reduce the deficient deck area on National Highway System (NHS) bridges by 2.4% annually.	For FY06 actual percentages were 29.2 for NHS. Failure to meet the goal is a function of the bridge program rather than the NBI System.
2006	Security	Technology	Reliability and Availability	Availability	Availability	NBI is posted to be available from 7:00 am EST to 10:00 pm EST daily. The database and server maintenance window is every weekend from Saturday at 10 pm EST to Sunday at 12 noon EST.	Ensure that NBI is available 98% of the posted times.	To date, the system is reported as being available 99% of the time.
2007	Organizational Excellence	Customer Results	Customer Benefit	Customer Impact or Burden	Customer Impact or Burden	There are data errors being made by the State in the annual NBI submittal files.	Submit error reports to the State to provide feedback on these errors annually.	A error report was submitted to the State. To date, we have not received feedback from the States.
2007	Security	Mission and Business Results	Disaster Management	Disaster Preparedness and Planning	Time to restore in disaster recovery	In FY 06, it took 50 minutes to restore NBI during the disaster recovery test.	Maintain the time from FY06 to fully restore NBI during the next DR test.	In May 2007 during the Disaster Recovery test, NBI was restored in 50 minutes.
2007	Security	Mission and Business Results	Homeland Security	Key Asset and Critical Infrastructure Protection	Availability to users (% of time) during contingency/DR tests	NBI is a mission critical system which supports Homeland Security Agencies by providing data used for emergency planning and other national security activities.	Provide 100% accessibility to NBI users during a contingency/disaster recovery test.	NBI was accessible during the Disaster Recovery Test conducted in May 2007. The next DR test is scheduled for August 2008.
2007	Security	Technology	Reliability and Availability	Availability	Availability -- annual %	NBI is posted to be available from 7:00 am EST to 10:00 pm EST daily. The database and server maintenance window is every weekend from Saturday at 10 pm EST to Sunday at 12 noon EST.	Ensure that NBI is available 98% of the posted times.	To date, the system is reported as being available 99% of the time.

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Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2008	Organizational Excellence	Customer Results	Customer Benefit	Customer Satisfaction	Time to resolve user problems/issues	Feedback system has been provided to track system satisfaction and problems. Work with customers to resolve minor problems within 60 days and complex problems within 180 days.	Resolve minor problems within 45 days and complex problems within 120 days.	Results will be available in December 2008.
2008	Security	Mission and Business Results	Disaster Management	Disaster Preparedness and Planning	Disaster Preparedness and Planning.	In FY 07, it took X hours to restore NBI during the disaster recovery test.	Maintain the time from FY07 to fully restore NBI during the next DR test.	The next DR test is scheduled for August 2008.
2008	Security	Mission and Business Results	Homeland Security	Key Asset and Critical Infrastructure Protection	Key Asset and Critical Infrastructure Protection.	NBI is a mission critical system which supports Homeland Security Agencies by providing data used for emergency planning and other national security activities.	Provide 100% accessibility to NBI users during a contingency/ disaster recovery test.	Actual results will be available in December 2008.
2008	Organizational Excellence	Processes and Activities	Cycle Time and Resource Time	Timeliness	Load 100% of the files by August 30th.	Law requires annual reporting of inspection data; files must be updated by 8/30 to enable apportionment of bridge program funds.	Process all data submittal files required by the National Bridge Inspection Standards on time for proper apportionment of Bridge Program Funds.	Actual Results will be available in December 2008.
2008	Security	Technology	Reliability and Availability	Availability	Availability	NBI is posted to be available from 7:00 am EST to 10:00 pm EST daily. The database and server maintenance window is every weekend from Saturday at 10 pm EST to Sunday at 12 noon EST.	Ensure that NBI is available 98% of the posted times.	Actual results will be available in December 2008.
2009	Organizational Excellence	Customer Results	Customer Benefit	Customer Satisfaction	Time to resolve user problems/issues	Feedback system has been provided to track system satisfaction and problems. Work with customers to resolve minor problems within 60 days and complex problems within 180 days.	Resolve minor problems within 30 days and complex problems within 90 days.	Results will be available in December 2009
2009	Security	Mission and Business Results	Disaster Management	Disaster Preparedness and Planning	Disaster Preparedness and Planning	In FY 08, it took x hours to restore NBI during the disaster recovery test.	Maintain or decrease the time it took to fully restore NBI during the next DR test.	The next DR test is scheduled for August 2009.
2009	Security	Mission and Business Results	Homeland Security	Key Asset and Critical Infrastructure Protection	Availability to users (% of time) during contingency/DR tests	NBI is a mission critical system which supports Homeland Security Agencies by providing data used for emergency planning and other national	Provide 100% accessibility to NBI users during a contingency/ disaster recovery test.	Actual results will be available in December 2009.

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Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
						security activities.		
2009	Organizational Excellence	Processes and Activities	Cycle Time and Resource Time	Timeliness	Load 100% of the files by August 30th.	Law requires annual reporting of inspection data; files must be updated by 8/30 to enable apportionment of bridge program funds.	Process all data submittal files required by the National Bridge Inspection Standards on time for proper apportionment of Bridge Program Funds.	Results will be available in December 2009
2009	Security	Technology	Reliability and Availability	Availability	Availability	NBI is posted to be available from 7:00 am EST to 10:00 pm EST daily. The database and server maintenance window is every weekend from Saturday at 10 pm EST to Sunday at 12 noon EST.	Ensure that NBI is available 98% of the posted times.	Actual results will be available in December 2009.
2010	Organizational Excellence	Processes and Activities	Cycle Time and Resource Time	Timeliness	Load 100% of the files by August 30th.	Law requires annual reporting of inspection data; files must be updated by 8/30 to enable apportionment of bridge program funds.	Process all data submittal files required by the National Bridge Inspection Standards on time for proper apportionment of Bridge Program Funds.	Results will be available in December 2010.
2010	Security	Technology	Reliability and Availability	Availability	Availability	NBI is posted to be available from 7:00 am based on user location daily. The database and server maintenance window is every weekend from Saturday at 10 pm EST to Sunday at 12 noon based on user location.	Ensure that NBI is available 98% of the posted times.	Actual results will be available in December 2010.

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:

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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: 18.000000
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)

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, NIST 800-26, Other, N/A)	Date Complete(d): Security Control Testing	Date the contingency plan tested
Redacted	Redacted	Redacted	Redacted	Redacted	Redacted	Redacted	Redacted

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. **Redacted**
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
National Bridge Inventory (NBI)	No	No	This system does not contain, process, or transmit personal identifying information. Therefore, a PIA is not required (H.R. 2458, Section 208)	No	This system is not a Privacy Act system of records. Therefore, a SORN is not required (5 U.S.C., § 552a)

Details for Text Options:
 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

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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 FHWAX026: National Bridge Inventory (NBI) Strategy provided in the agency's most recent annual EA Assessment.

b. If "no," please explain why?

3. Is this investment identified in a completed (contains a No target architecture) and approved segment architecture?

a. If "yes," provide the name of the segment architecture as provided in the agency's most recent annual EA Assessment.

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 <http://www.egov.gov>.

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)
Data Classification	Defines the set of capabilities that allow the classification of data.	Back Office Services	Data Management	Data Classification			No Reuse	4
Data Cleansing	Defines the set of capabilities that support the removal of incorrect or unnecessary characters and data from a data source.	Back Office Services	Data Management	Data Cleansing			No Reuse	4
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	4
Data Recovery	Defines the set of capabilities that support the restoration and stabilization of data sets to a consistent, desired state.	Back Office Services	Data Management	Data Recovery			No Reuse	4
Data Extraction and Transformation	Defines the set of capabilities that support the manipulation and change of data.	Back Office Services	Data Management	Extraction and Transformation			No Reuse	4
Mathematical	Support the formulation and mathematical analysis of probabilistic models for random phenomena and the development and investigation of methods and principles for statistical inference.	Business Analytical Services	Analysis and Statistics	Mathematical			No Reuse	4
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	4
Standardized Reporting	Defines the set of capabilities that support the use of pre-conceived, pre-written, or pre-formatted reports.	Business Analytical Services	Reporting	Standardized / Canned			No Reuse	4
Portfolio Management	Defines the set of capabilities that support the administration of a group of investments held by an organization.	Business Management Services	Investment Management	Portfolio Management			No Reuse	2
Change Management	Defines the set of capabilities that control the process for updates or modifications to the existing documents, software or business processes of an organization.	Business Management Services	Management of Processes	Change Management			No Reuse	4

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4. Service Component Reference Model (SRM) Table:								
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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)
Configuration Management	Defines the set of capabilities that control the hardware and software environments, as well as documents of an organization.	Business Management Services	Management of Processes	Configuration Management			No Reuse	4
Program/Project Management	Defines the set of capabilities for the management and control of a particular effort of an organization.	Business Management Services	Management of Processes	Program / Project Management			No Reuse	2
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	4
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	4
Risk Management	Defines the set of capabilities that support the identification of risks; impact of the risk, estimation of probabilities or chances of hazards as they relate to a task, decision or long-term goal; and mitigation or management of such risks.	Business Management Services	Management of Processes	Risk Management			No Reuse	4
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	4
Workgroup / Groupware	Defines the set of capabilities that support multiple users working on related tasks.	Business Management Services	Organizational Management	Workgroup / Groupware			No Reuse	4
Online Help	Defines the set of capabilities that provide an electronic interface to customer assistance.	Customer Services	Customer Initiated Assistance	Online Help			No Reuse	2
Partner Relationship Management	Provide a framework to promote the effective collaboration between an organization and its business partners, particularly members of the distribution chain (e.g. Channel and alliance partners, resellers, agents, brokers, and dealers) and other third parties that support operations and service delivery to an organization's customers.	Customer Services	Customer Relationship Management	Partner Relationship Management			No Reuse	4
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	4
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	Digital Asset Services	Knowledge Management	Information Sharing			No Reuse	4

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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 http://www.egov.gov .								
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)
	stakeholders.							
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	4
Pattern Matching	Defines the set of capabilities that support retrieval of records generated from a data source by inputting characteristics based on patterns in the content or context.	Support Services	Search	Pattern Matching			No Reuse	4
Query	Defines the set of capabilities that support retrieval of records that satisfy specific query selection criteria.	Support Services	Search	Query			No Reuse	4
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	2
Audit Trail Capture and Analysis	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	4
Intrusion Detection	Defines the set of capabilities that support the detection of illegal entrance into a computer system.	Support Services	Security Management	Intrusion Detection			No Reuse	4

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) (i.e., vendor and product name)
Extraction and Transformation	Component Framework	Business Logic	Platform Independent	Redacted
Extraction and Transformation	Component Framework	Business Logic	Platform Independent	Redacted
Extraction and Transformation	Component Framework	Business Logic	Platform Independent	Redacted
Extraction and Transformation	Component Framework	Data Interchange	Data Exchange	Redacted
Network Management	Component Framework	Data Management	Database Connectivity	Redacted
Standardized / Canned	Component Framework	Presentation / Interface	Content Rendering	Redacted
Standardized / Canned	Component Framework	Presentation / Interface	Dynamic Server-Side Display	Redacted
Standardized / Canned	Component Framework	Presentation / Interface	Static Display	Redacted
Intrusion Detection	Component Framework	Security	Certificates / Digital Signatures	Redacted
Data Exchange	Service Access and Delivery	Access Channels	Other Electronic Channels	Redacted
Information Sharing	Service Access and Delivery	Access Channels	Other Electronic Channels	Redacted
Partner Relationship Management	Service Access and Delivery	Access Channels	Other Electronic Channels	Redacted
Information Retrieval	Service Access and Delivery	Access Channels	Other Electronic Channels	Redacted
Knowledge Distribution and	Service Access and Delivery	Access Channels	Web Browser	Redacted

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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) (i.e., vendor and product name)
Delivery				
Knowledge Distribution and Delivery	Service Access and Delivery	Delivery Channels	Extranet	Redacted
Knowledge Distribution and Delivery	Service Access and Delivery	Delivery Channels	Intranet	Redacted
Access Control	Service Access and Delivery	Service Requirements	Authentication / Single Sign-on	Redacted
Quality Management	Service Access and Delivery	Service Requirements	Hosting	Redacted
Program / Project Management	Service Access and Delivery	Service Requirements	Hosting	Redacted
Portfolio Management	Service Access and Delivery	Service Requirements	Hosting	Redacted
Risk Management	Service Access and Delivery	Service Requirements	Hosting	Redacted
Online Help	Service Access and Delivery	Service Requirements	Hosting	Redacted
Requirements Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	Redacted
Requirements Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	Redacted
Requirements Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	Redacted
Configuration Management	Service Access and Delivery	Service Transport	Service Transport	Redacted
Configuration Management	Service Access and Delivery	Service Transport	Service Transport	Redacted
Configuration Management	Service Access and Delivery	Service Transport	Service Transport	Redacted
Configuration Management	Service Access and Delivery	Service Transport	Service Transport	Redacted
Configuration Management	Service Access and Delivery	Service Transport	Service Transport	Redacted
Configuration Management	Service Access and Delivery	Service Transport	Service Transport	Redacted
Configuration Management	Service Access and Delivery	Service Transport	Supporting Network Services	Redacted
Data Exchange	Service Interface and Integration	Integration	Middleware	Redacted
Data Exchange	Service Interface and Integration	Interface	Service Description / Interface	Redacted
Ad Hoc	Service Interface and Integration	Interoperability	Data Format / Classification	Redacted
Data Classification	Service Interface and Integration	Interoperability	Data Format / Classification	Redacted
Pattern Matching	Service Interface and Integration	Interoperability	Data Format / Classification	Redacted
Query	Service Interface and Integration	Interoperability	Data Format / Classification	Redacted
Mathematical	Service Interface and Integration	Interoperability	Data Transformation	Redacted
Data Cleansing	Service Interface and Integration	Interoperability	Data Types / Validation	Redacted
Data Recovery	Service Interface and Integration	Interoperability	Data Types / Validation	Redacted
Audit Trail Capture and Analysis	Service Interface and Integration	Interoperability	Data Types / Validation	Redacted
Configuration Management	Service Platform and Infrastructure	Database / Storage	Database	Redacted
Configuration Management	Service Platform and Infrastructure	Database / Storage	Database	Redacted
Network Management	Service Platform and Infrastructure	Delivery Servers	Application Servers	Redacted
Network Management	Service Platform and Infrastructure	Delivery Servers	Web Servers	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	Redacted

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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) (i.e., vendor and product name)
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Redacted
Workgroup / Groupware	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Wide Area Network (WAN)	Redacted
Standardized / Canned	Service Platform and Infrastructure	Software Engineering	Integrated Development Environment	Redacted
Change Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Redacted
Configuration Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Redacted
Requirements Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Redacted
Change Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Redacted
Change Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Redacted
Quality Management	Service Platform and Infrastructure	Software Engineering	Test Management	Redacted
Quality Management	Service Platform and Infrastructure	Software Engineering	Test Management	Redacted
Quality Management	Service Platform and Infrastructure	Software Engineering	Test Management	Redacted
Quality Management	Service Platform and Infrastructure	Software Engineering	Test Management	Redacted
Quality Management	Service Platform and Infrastructure	Software Engineering	Test Management	Redacted
Quality Management	Service Platform and Infrastructure	Software Engineering	Test Management	Redacted
Quality Management	Service Platform and Infrastructure	Software Engineering	Test Management	Redacted
Configuration Management	Service Platform and Infrastructure	Support Platforms	Platform Independent	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 III: For "Operation and Maintenance" investments ONLY (Steady State)**Section A: Risk Management (All Capital Assets)**

Part III should be completed only for investments identified as "Operation and Maintenance" (Steady State) in response to Question 6 in Part I, Section A above.

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? 3/13/2006
 - 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?

Section B: Cost and Schedule Performance (All Capital Assets)

1. Was operational analysis conducted? Yes
 - a. If "yes," provide the date the analysis was completed. 6/1/2005
 - b. If "yes," what were the results?

FHWA completed an E-Gov Strategy Review in May 2005, in which an operational analysis of the NBI system was performed. As part of this review it was verified that this investment continues to meet the agency needs, achieve performance goals, meet E-Gov requirements for customer service, to be best value and delivers services that are satisfactory. A market survey was conducted, and two commercial-off-the-shelf (COTS) systems, identified as the most viable alternatives, were evaluated against the incumbent NBI system.

The NBI system was deemed to be the most cost-effective and least risky alternative. As the current system is meeting all major DOT, FHWA, and program requirements, and has been largely meeting performance, budget, and schedule goals, only a very low level of investment is required to address issues or to comply with requirements. By contrast, any alternative system would require significant monetary investment and time (based on engineering estimates to fulfill requirements identified as missing) to be integrated into the FHWA architecture, meet all requirements, and reduce risks to an acceptable level.

- c. If "no," please explain why it was not conducted and if there are any plans to conduct operational analysis in the future:

2. Complete the following table to compare actual cost performance against the planned cost performance baseline. Milestones reported may include specific individual scheduled preventative and predictable corrective maintenance activities, or may be the total of planned annual operation and maintenance efforts).

- a. What costs are included in the reported Cost/Schedule Performance information (Government Only/Contractor Only/Both)? Contractor Only

- 2.b Comparison of Plan vs. Actual Performance Table:

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Comparison of Plan vs. Actual Performance Table							
Milestone Number	Description of Milestone	Planned		Actual		Variance	
		Completion Date (mm/dd/yyyy)	Total Cost(\$M)	Completion Date (mm/dd/yyyy)	Total Cost(\$M)	Schedule (# days)	Cost(\$M)
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	Redacted