

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: 9/10/2007
2. Agency: Department of Transportation
3. Bureau: Federal Railroad Administration
4. Name of this Capital Asset: FRAXX014: Railroad Safety Information System (RSIS)
5. Unique Project (Investment) Identifier: (For IT investment only, see section 53. For all other, use agency ID system.) 021-27-01-19-01-1060-00
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? FY2001 or earlier
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 Railroad Safety Information System (RSIS) is a database system that captures data on railroad accidents, injuries, highway-rail crossing collisions, railroad operation data, FRA-conducted railroad inspections, and maintenance of the highway-rail crossing site inventory. The purpose of RSIS is to provide government agencies, railroad labor and management, and the general public with information on railroad safety. RSIS collects and disseminates railroad accident and casualty statistics. RSIS also provides the railroads, labor organizations, and the public with railroad safety statistics and resource allocation tools for improving the warning systems for highway-rail crossings. Finally, RSIS provides the tools for resource allocation of FRA safety inspectors to ensure that high-risk aspects of the rail infrastructure are in compliance with Federal law and regulations. RSIS is comprised of 3 major integrated sub-systems and a web component with a public domain and a secured private section as follows:
- 1) Railroad Accident/Incident Reporting System (RAIRS)
 - 2) Railroad Inspection Reporting System (RIRS)
 - 3) Highway-Rail Grade Crossing Inventory System (GCIS)
- RAIRS provides for collection of reports, receipts control, keying (in some cases), and extensive validation and cross database validation and produces the safety statistics for the entire agency. This system is the scorecard for determining if the industry has become safer, or a railroad is safer, and provides a tool to focus FRA conducted inspections. Without RAIRS, the agency would have to rely on anecdotal information on rail related accidents and serious injuries. RIRS also provides for collection of reports, receipts control, and extensive validation and produces the best means of determining systemic problems that affect a large railroad over many states and regions. Without RIRS, many defective conditions, (e.g., deferred maintenance, improper repair orders, etc.) would not be known until a serious train accident occurred. The GCIS is a database that stores physical attributes and exposure (frequency of automobile traffic and number of trains per day) for the highway/rail intersections (crossings). The costs for RSIS are for mixed life cycle operations for the collection and validation of records. The FRA Capital Planning Working Group and Capital Planning Board reviewed and approved the investment for continuance, as part of FRA's Capital Planning Investment Control review cycles.
9. Did the Agency's Executive/Investment Committee approve this request? Yes
- a. If "yes," what was the date of this approval? 11/26/2006
10. Did the Project Manager review this Exhibit? Yes
11. Contact information of Project Manager?
- Name Cisse, Pape
- Phone Number Redacted
- Email pape.cisse@dot.gov
- a. What is the current FAC-P/PM certification level of the project/program manager? TBD
12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project? Yes

Exhibit 300: FRAXX014: Railroad Safety Information System (RSIS) (Revision 12)

- 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: Expanded E-Government
- 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?) This initiative supports the PMA goal of Expanded E-Government by improving service to citizens and by providing railroad safety datahouse functionality to other federal government agencies and the railroad industry. In that a significant amount of RSIS data is collected and accessed via the Internet, the program has promoted Government to Government, Government to Business, and Government to Citizen on-line communications on various railroad safety issues.
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.) Yes
- a. If "yes," does this investment address a weakness found during a PART review? No
- b. If "yes," what is the name of the PARTed program? Federal Railroad Administration Railroad Safety Program
- c. If "yes," what rating did the PART receive? Moderately Effective
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 1
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 FFMI compliance area?
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 | 5.000000 |
| Software | 3.000000 |
| Services | 87.000000 |
| Other | 5.000000 |
21. If this project produces information dissemination products for the public, are these products published to the Yes

Internet in conformance with OMB Memorandum 05-04 and included in your agency inventory, schedules and priorities?

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

Name: Wissman, David
 Phone Number: Redacted
 Title: FRA Privacy Officer
 E-mail: david.wissman@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 (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:	0.3	0.09	0.09	0.1	Redacted	Redacted	Redacted	Redacted	Redacted
Acquisition:	1.24	0.239	0.241	0.556	Redacted	Redacted	Redacted	Redacted	Redacted
Subtotal Planning & Acquisition:	1.54	0.329	0.331	0.656	Redacted	Redacted	Redacted	Redacted	Redacted
Operations & Maintenance:	5.521	1.577	1.665	1.736	Redacted	Redacted	Redacted	Redacted	Redacted
TOTAL:	7.061	1.906	1.996	2.392	Redacted	Redacted	Redacted	Redacted	Redacted
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	0.32	0.106	0.106	0.113	Redacted	Redacted	Redacted	Redacted	Redacted
Number of FTE represented by Costs:	3	9	9	9	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: Redacted

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.

Exhibit 300: FRAXX014: Railroad Safety Information System (RSIS) (Revision 12)

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)	If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition ? (Y/N)
Redacted																

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:

3. Do the contracts ensure Section 508 compliance? Yes

a. Explain why:

The RSIS contract has the standard provisions that software and web development are Section 508 compliant. Software designed to ensure 508 compatibility has also been used. All software development and upgrades include a section requiring the vendor to develop and test software to meet the current 508 standards. Software designed to review compliance with 508 will scan the web site. The scan will be performed by the FRA (government employee) web master/integrator.

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

a. If "yes," what is the date? 8/30/2006

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
2006	Safety	Customer Results	Customer Benefit	Customer Impact or Burden	Increase number of rail defects found	292,653 rail defects found	298,500 rail defects found	313,589 rail defects found
2006	Safety	Mission and Business Results	Transportation	Ground Transportation	Increase percent remediation actions taken	86% remediation actions taken	88% remediation actions taken	88.7% remediation actions taken
2006	Organizational Excellence	Processes and Activities	Quality	Errors	Decrease number of errors found in data repository	120 errors found	108 error found	106 errors found
2006	Safety	Technology	Information and Data	External Data Sharing	Increase percent of fulfillment of rail safety data request	95% rail safety data request fulfilled	97% rail safety data request fulfilled	98% rail safety data request fulfilled
2006	Organizational Excellence	Technology	Information and Data	External Data Sharing	Increase percent of fulfillment of rail safety data request	95% rail safety data request fulfilled	97% rail safety data request fulfilled	98% rail safety data request fulfilled
2006	Organizational Excellence	Technology	Reliability and Availability	Availability	Maintain 99.8% RSIS availability during FRA working hours (6:00 a.m. to 8:00 p.m. EST)	99.6% RSIS availability	99.8% RSIS availability	99% RSIS availability
2007	Safety	Customer Results	Customer Benefit	Customer Impact or Burden	Increase number of rail defects found	313,589 rail defects found	2%	TBD March 2008
2007	Organizational Excellence	Customer Results	Service Accessibility	Automation	Establish the number of Class 1 railroads reporting through XML automation	None. No automation exists	50%	TBD March 2008
2007	Safety	Mission and Business Results	Transportation	Ground Transportation	Increase percent remediation	88.7% remediation	2%	TBD March 2008

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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
					actions taken	actions taken		
2007	Organizational Excellence	Processes and Activities	Quality	Errors	Decrease number of errors found in data repository	106 errors found	10%	TBD March 2008
2007	Safety	Technology	Information and Data	External Data Sharing	Establish electronic data interchange through the safety databases	None. No data interchange exists	33%	TBD March 2008
2007	Organizational Excellence	Technology	Information and Data	External Data Sharing	Reduce the timeframe for the remediation of high level system security vulnerabilities from the time of discovery	24-48 hours	6-18 hours	TBD October 2007
2007	Organizational Excellence	Technology	Information and Data	External Data Sharing	Reduce the timeframe for the remediation of medium and low level system security vulnerabilities from the time of discovery	Medium: 120-160days, Low: 160-360-months	Medium: < 60 days, Low: < 180 days	TBD October 2007
2008	Safety	Customer Results	Customer Benefit	Customer Impact or Burden	Increase number of rail defects found	Baseline TBD on prior year's actual performance	2%	TBD March 2009
2008	Organizational Excellence	Customer Results	Service Accessibility	Automation	Increase by 25% the number of Class 1 railroads reporting through XML automation	Baseline TBD on prior year's actual performance	75%	TBD March 2009
2008	Safety	Mission and Business Results	Transportation	Ground Transportation	Increase percent remediation actions taken	Baseline TBD on prior year's actual performance	2%	TBD March 2009
2008	Organizational Excellence	Processes and Activities	Quality	Errors	Decrease number of errors found in data repository	Baseline TBD on prior year's actual performance	10%	TBD March 2009
2008	Safety	Technology	Information and Data	External Data Sharing	Increase by 33% percent the safety databases enabled through electronic data interchange	Baseline TBD on prior year's actual performance	66%	TBD March 2009
2008	Organizational Excellence	Technology	Information and Data	External Data Sharing	Reduce the timeframe for the remediation of high level system security vulnerabilities from the time of discovery	24-48 hours	6-18 hours	TBD October 2008
2008	Organizational Excellence	Technology	Information and Data	External Data Sharing	Reduce the timeframe for the remediation of medium and low level system security vulnerabilities from the time of discovery	Medium: 120-160days, Low: 160-360-months	Medium: < 60 days, Low: < 180 days	TBD October 2008
2009	Safety	Customer Results	Customer Benefit	Customer Impact or Burden	Increase number of rail defects found	Baseline TBD on prior year's actual performance	2%	TBD March 2010
2009	Organizational Excellence	Customer Results	Service Accessibility	Automation	Increase by 25% the number of Class 1 railroads reporting through XML automation	Baseline TBD on prior year's actual performance	75%	TBD March 2010
2009	Safety	Mission and Business Results	Transportation	Ground Transportation	Increase percent remediation actions taken	Baseline TBD on prior year's actual performance	2%	TBD March 2010

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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
2009	Organizational Excellence	Processes and Activities	Quality	Errors	Decrease number of errors found in data repository	Baseline TBD on prior year's actual performance	10%	TBD March 2010
2009	Safety	Technology	Information and Data	External Data Sharing	Increase by 33% the safety databases enable through electronic data interchange	Baseline TBD on prior year's actual performance	66%	TBD March 2010
2009	Organizational Excellence	Technology	Information and Data	External Data Sharing	Reduce the timeframe for the remediation of high level system security vulnerabilities from the time of discovery	24-48 hours	6-18 hours	TBD October 2009
2009	Organizational Excellence	Technology	Information and Data	External Data Sharing	Reduce the timeframe for the remediation of medium and low level system security vulnerabilities from the time of discovery	Medium: 120-160 days, Low: 160-360-months	Medium: < 60 days, Low: < 180 days	TBD October 2009
2010	Safety	Customer Results	Customer Benefit	Customer Impact or Burden	Increase number of rail defects found	Baseline TBD on prior year's actual performance	2%	TBD March 2011
2010	Organizational Excellence	Customer Results	Service Accessibility	Automation	Increase by 25% the number of Class 1 railroads reporting through XML automation	Baseline TBD on prior year's actual performance	75%	TBD March 2011
2010	Safety	Mission and Business Results	Transportation	Ground Transportation	Increase percent remediation actions taken	Baseline TBD on prior year's actual performance	2%	TBD March 2011
2010	Organizational Excellence	Processes and Activities	Quality	Errors	Decrease number of errors found in data repository	Baseline TBD on prior year's actual performance	10%	TBD March 2011
2010	Safety	Technology	Information and Data	External Data Sharing	Increase by 33% the safety databases inable through electronic data interchange	Baseline TBD on prior year's actual performance	66%	TBD March 2011
2010	Organizational Excellence	Technology	Information and Data	External Data Sharing	Reduce the timeframe for the remediation of high level system security vulnerabilities from the time of discovery	24-48 hours	6-18 hours	TBD October 2010
2010	Organizational Excellence	Technology	Information and Data	External Data Sharing	Reduce the timeframe for the remediation of medium and low level system security vulnerabilities from the time of discovery	Medium: 120-160 days, Low: 160-360-months	Medium: < 60 days, Low: < 180 days	TBD October 2010
2011	Safety	Customer Results	Customer Benefit	Customer Impact or Burden	Increase number of rail defects found	Baseline TBD on prior year's actual performance	2%	TBD March 2012
2011	Organizational Excellence	Customer Results	Service Accessibility	Automation	Increase by 25% the number of Class 1 railroads reporting through XML automation	Baseline TBD on prior year's actual performance	75%	TBD March March 2012
2011	Safety	Mission and Business Results	Transportation	Ground Transportation	Increase percent remediation actions taken	Baseline TBD on prior year's actual performance	2%	TBD March 2012

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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
2011	Organizational Excellence	Processes and Activities	Quality	Errors	Decrease number of errors found in data repository	Baseline TBD on prior year's actual performance	10%	TBD March 2012
2011	Safety	Technology	Information and Data	External Data Sharing	Increase by 33% the safety databases enable through data interchange	Baseline TBD on prior year's actual performance	66%	TBD March 2012
2011	Organizational Excellence	Technology	Information and Data	External Data Sharing	Reduce the timeframe for the remediation of high level system security vulnerabilities from the time of discovery	24-48 hours	6-18 hours	TBD October 2011
2011	Safety	Technology	Information and Data	External Data Sharing	Reduce the timeframe for the remediation of medium and low level system security vulnerabilities from the time of discovery	Medium: 120-160 days, Low: 160-360 months	Medium: < 60 days, Low: < 180 days	TBD October 2011
2012	Safety	Customer Results	Customer Benefit	Customer Impact or Burden	Increase number of rail defects found	Baseline TBD on prior year's actual performance	2%	TBD March 2013
2012	Organizational Excellence	Customer Results	Service Accessibility	Automation	Increase by 25% the number of Class 1 railroads reporting through XML automation	Baseline TBD on prior year's actual performance	75%	TBD March 2013
2012	Safety	Mission and Business Results	Transportation	Ground Transportation	Increase percent remediation actions taken	Baseline TBD on prior year's actual performance	2%	TBD March 2013
2012	Organizational Excellence	Processes and Activities	Quality	Errors	Decrease number of errors found in data repository	Baseline TBD on prior year's actual performance	10%	TBD March 2013
2012	Safety	Technology	Information and Data	External Data Sharing	Increase by 33% the safety databases enable through electronic data interchange	Baseline TBD on prior years actual performance	66%	TBD March 2013
2012	Organizational Excellence	Technology	Information and Data	External Data Sharing	Reduce the timeframe for the remediation of high level system security vulnerabilities from the time of discovery	24-48 hours	6-18 hours	TBD October 2012
2012	Organizational Excellence	Technology	Information and Data	External Data Sharing	Reduce the timeframe for the remediation of medium and low level system security vulnerabilities from the time of discovery	Medium: 120-160 days, Low: 160-360 - months	Medium: < 60 days, Low: < 180 days	TBD October 2012
2013	Safety	Customer Results	Customer Benefit	Customer Impact or Burden	Increase number of rail defects found	Baseline TBD on prior performance 2%	2%	TBD March 2014
2013	Organizational Excellence	Customer Results	Service Accessibility	Automation	Increase by 25% the number of Class 1 railroads reporting through XML automation	Baseline TBD on prior year's actual results	75%	TBD March 2014
2013	Safety	Mission and Business Results	Transportation	Ground Transportation	Increase percent remediation actions taken	Baseline TBD on prior year's actual performance	2%	TBD March 2014
2013	Organizational Excellence	Processes and Activities	Quality	Errors	Decrease number of errors	Baseline TBD on prior year's	10%	TBD March 2014

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
					found in data repository	actual performance		
2013	Safety	Technology	Information and Data	External Data Sharing	Increase by 33% the safety databases enable through electronic data interchange	Baseline TBD on prior year's actual results	66%	TBD March 2014
2013	Organizational Excellence	Technology	Information and Data	External Data Sharing	Reduce the timeframe for the remediation of high level system security vulnerabilities from the time of discovery	24-48 hours	6-18 hours	TBD October 2013
2013	Organizational Excellence	Technology	Information and Data	External Data Sharing	Reduce the timeframe for the remediation of medium and low level system security vulnerabilities from the time of discovery	Medium: 120-160 days, Low: 160-360 months	Medium: < 60 days, Low: 180 days	TBD October 2013

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:
 - a. If "yes," provide the "Percentage IT Security" for the budget year: 5.000000
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)
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, NIST 800-26, Other, N/A)	Date Complete(d): Security Control Testing	Date the contingency plan tested
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
Railroad Safety Information System (RSIS) - Operational	No	No		No	
Railroad Safety Information System (RSIS) - Planning	No	No		No	

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

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. FRA Railroad Safety Information System (RSIS)

b. If "no," please explain why?

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

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 Warehouse	Defines the set of capabilities that support the archiving and storage of large volumes of data	Back Office Services	Data Management	Data Warehouse			No Reuse	10
Software Development	Support the creation of both graphical and process application or system software.	Back Office Services	Development and Integration	Software Development			No Reuse	5
Data Mining	Provide for the efficient discovery of non-obvious, valuable patterns and relationships within a large collection of data.	Business Analytical Services	Knowledge Discovery	Data Mining			No Reuse	2
Ad Hoc	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	2
Standardized / Canned	Defines the set of capabilities that support the use of pre-conceived or pre-written reports	Business Analytical Services	Reporting	Standardized / Canned			No Reuse	2
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	10
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	20
Network Management	Monitor and maintain a communications network in order to diagnose problems, gather statistics, and provide general usage.	Business Management Services	Organizational Management	Network Management			No Reuse	7
On Line Help	Defines the set of capabilities that provide an electronic interface to customer assistance	Customer Services	Customer Initiated Assistance	Online Help			No Reuse	2
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	9
Information Sharing	Defines the set of capabilities that support the use of documents and	Digital Asset Services	Knowledge Management	Information Sharing			No Reuse	25

Exhibit 300: FRAXX014: Railroad Safety Information System (RSIS) (Revision 12)

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 in a multi-user environment for use by an organization and its stakeholders							
Email	Support the transmission of memos and messages over a network.	Support Services	Collaboration	Email			No Reuse	2
Intrusion Prevention	Perform penetration testing and other measures to prevent unauthorized access to a government information system.	Support Services	Security Management	Intrusion Prevention			No Reuse	2
Virus Protection	Provide anti-virus service to prevent, detect, and remediate infection of government computing assets.	Support Services	Security Management	Virus Protection			No Reuse	2

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)
Ad Hoc	Component Framework	Data Management	Database Connectivity	Redacted
Standardized / Canned	Component Framework	Data Management	Reporting and Analysis	Redacted
Data Mining	Component Framework	Data Management	Reporting and Analysis	Redacted
Intrusion Prevention	Component Framework	Security	Supporting Security Services	Redacted
Virus Protection	Component Framework	Security	Supporting Security Services	Redacted
Virus Protection	Component Framework	Security	Supporting Security Services	Redacted
Email	Service Access and Delivery	Access Channels	Collaboration / Communications	Redacted
Information Sharing	Service Access and Delivery	Access Channels	Other Electronic Channels	Redacted
Online Help	Service Access and Delivery	Access Channels	Other Electronic Channels	Redacted
Information Retrieval	Service Interface and Integration	Integration	Enterprise Application Integration	Redacted
Information Sharing	Service Interface and Integration	Interoperability	Data Format / Classification	Redacted
Standardized / Canned	Service Platform and Infrastructure	Database / Storage	Database	Redacted
Data Recovery	Service Platform and Infrastructure	Database / Storage	Storage	Redacted
Quality Management	Service Platform and Infrastructure	Delivery Servers	Web Servers	Redacted
Program / Project Management	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	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)
Intrusion Prevention	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	Peripherals	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Redacted
Email	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Redacted
Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Redacted
Software Development	Service Platform and Infrastructure	Software Engineering	Integrated Development Environment	Redacted
Software Development	Service Platform and Infrastructure	Software Engineering	Integrated Development Environment	Redacted
Data Warehouse	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 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? 8/1/2003
 - 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			

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 No or in-whole?

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.

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? 7/16/2007
 - 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:

The RSIS program management performed a comprehensive risk assessment of the program in May 2006 as part of the yearly planning and assessment of the investment life-cycle cost and schedule. The RSIS program management, in conjunction with the project manager, have determined that the overall risk rating of this investment is low and have developed a risk-adjusted life-cycle cost estimate of approximately 5% of the yearly budget. The risk management plan is updated periodically and all identified risks are quantified and ranked. Based on the probability of the risk occurring, the project cost is adjusted and

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submitted for management approval. The risks are monitored throughout the investment lifecycle with a comprehensive yearly review and periodic updates are reflected in the risk management plan.

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? Yes

2. Is the CV% or SV% greater than +/- 10%? (CV% = $CV/EV \times 100$; SV% = $SV/PV \times 100$) No

- a. If "yes," was it the CV or SV or both?
- 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?

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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										