

PERFORMANCE YEAR (PY) 16 PoDIs

PY16 PoDI Projects					
Project Phase	Federal Project No.	Project Description / Location	Estimated Cost of Phase	Estimated Cost of Total Project as defined by NEPA	NJDOT Unit (CPM, LPA, TSM, etc.)
DES	TBD	Route 80/Route 15 Interchange Project	6.6M	45.2M	CPM
	TBD	ICM Deployment Grant - I-95, GSP, and US 1&9	.2M	.3M	TSM
CON	STP-BR-000S(116)	Replacement of Rt 50 Bridge over Tuckahoe River	20M	25M	CPM
	TBD	Route 3/Route 46 Valley & Notch/Rifle Camp Road Interchange Contract "A" Project.	69M	81M	CPM
	TBD	Job Order Contracting for ITS Maintenance South	2.5M	2.5M	TSM
	TBD	Job Order Contracting for ITS Maintenance North	2.5M	2.5M	TSM
	TBD	I-195, Route 9, and Route 138 ITS Facilities	8.5M	8.5M	TSM



Integrated Corridor Management (ICM) Deployment Planning Grant for I-95, Garden State Parkway, and US 1 and 9 NJ Division PODI Project Oversight Plan

PURPOSE

The purpose of this FHWA document is to establish the parameters for the New Jersey Division Office to provide oversight with the establishment of a management strategy based on the risks associated with the *planning grant and project deliverables of the Integrated Corridor Management (ICM) Deployment Planning Grant Project*. This is a living document and will be modified as needed as the project is progressed.

PROJECT BACKGROUND

- **Project Scope (Project Cost Estimate, Project Complexity)**

ICM is defined as managing all the networks as a single system to better optimized existing transportation infrastructure along a corridor to reduced travel times, delays, and increased travel time reliability. The New Jersey Northeast Corridor (NJNE) ICM Project is a collaborative effort between the NJDOT, Cities of Elizabeth, Linden, Jersey City, Newark, and Woodbridge, NJ Transit, NJTA, PANY & NJ, TRANSCOM, and NJTPA MPO. The NJ NE Corridor will focus on the primary freeways of the NJ Turnpike (I-95), GSP, and US 1 & 9 from Woodbridge at the south to the Holland Tunnel at the north of the corridor. The primary focus of the corridor is congestion reduction, coordinated response to traffic incidents, and maximizing capacity through the entire corridor. Currently the freeways, tollways, transit, and arterials are operating separately. The NJDOT's proposed project was selected to receive a \$200, 000 USDOT ICM Deployment Planning Grant to developed the System Engineering Analysis documentation needed for project scoping and using the system engineering process to manage the ITS implementation of the ICM deployment.

- **Primary PoDI Type**

- Projects Selected for Risk-Based Stewardship & Oversight; 23 USC 106(g)

- **Project of Corporate Interest**

- No

- **Federal Investment**

- Federal Project Number and Federal Funding Source are TBD
- Project cost (\$296,800) - \$200,000 (ICM Planning Grant) & \$96,800 (Toll Credits will be used in lieu of local match of in-kind contributions)

- **Project Management Organization Structure**

- Director of the Division of Mobility and System Engineering – Wasif Mirza
- NJDOT Project Manager – Sue Catlett

- **Schedule**
 - Start – July 2015
 - Final Completion – TBD

PROJECT RISKS

- **Division Interest Criteria (Risks)**
 - Contract Administration
 - Review of the Cost Principles for Federal Grants: 2 CFR Part 200, providing project management, and NJDOT oversight.
 - Area of Specific Interest
 - Review of the systems engineering analysis and process.
 - ITS project (as determined by criteria defined in the Stewardship and Oversight Agreement) Projects
 - Utilization of the systems engineering analysis and process for managing the ITS project, applicable ITS standards, and testing procedures.

FHWA OVERSIGHT

Federal Involvement - FHWA-NJ will review and approve all applicable elements in each phase listed below.

OVERSIGHT ELEMENTS

Project Management & Grant Administration – This will include oversight of the following project management and grant administration elements as they apply:

- Project Meetings
- Partnering
- Project Authorization and Project Agreements
- Grant Administration
- Project Management and Grantee Oversight
- Financial Management
- State and Metropolitan Planning
- State contracting procedures
- Applicable Work Plan or Implementation Plan
- Buy America
- Project Close-out
- Other project elements as per coordination between FHWA and NJDOT responsible parties

- **Resource Needs**
The division office ITS Engineer will utilize the Transportation Planner and/or Finance Specialist for federal oversight guidance on the grant administration requirements and cost principles of the ITS planning grant project.



Route 50 Tuckahoe Bridge Cape May/Atlantic County

NJ Division PODI Project Oversight Plan

Federal Project # STP-BR-0005(116)

PURPOSE

The purpose of this FHWA document is to establish the parameters for the New Jersey Division Office to provide oversight with the establishment of a management strategy based on the risks associated with the successful delivery of the Route 50 Bridge over Tuckahoe River project in Atlantic & Cape May under Federal Project number STP-BR-0005(116). This is a living document and will be modified as needed as the project is progressed.

PROJECT BACKGROUND

- **Project Scope**
 - Replacement of the Route 50 Bridge over Tuckahoe River. The Bridge replacement includes the replacement of the existing three (3) span single leaf bascule bridge with a single span fixed bridge over the Tuckahoe River. Reconstruction of approaches, including intersection of Rt. 49 & 50. A left-turn lane will be added to Rt. 50 North at Marshall Avenue and a left-turn lane will be added to Rt. 50 North at Rt. 49. Sidewalks, curb and drainage to be replaced. Context sensitive treatments and historic-look lighting are proposed in historic district. The construction contract cost is estimated at \$11,676,863.00 and revised Contract Amount due to Change of Plan is \$17,733,765.00.
- **Project of Corporate Interest**
 - N/A
- **Federal Investment**
 - The project design cost is estimated at \$5,043,265.90
 - The project construction cost is estimated at \$19,793,726.00
- **Project Management Organization Structure**
 - FHWA Engineer: Hadi Pezeshki 609-637-4232
 - NJDOT Project Manager: Mike Kasbekar 609-530-6627
 - NJDOT Executive Regional Manager: Thomas Saylor 609-530-2739
 - NJDOT Resident Engineer : Thomas Gallagher 856-498-8780
 - NJDOT Environmental Team Leader: Brenna Fairfax 609-530-2501
 - South State Inc. Project Manager: Nick Lambert 609-501-8544
 - Designer PM : Nigel Newton 732-537-3563
- **Schedule**
 - Construction Start: 8/1/2013
 - Construction Substantial Completion: 3/29/2017
 - Construction Final Completion: 5/28/2017

PROJECT RISKS

- **Division Interest Criteria (Risks)**
 - Area of Specific Interest Contract Administration as pertain to scope
 - Environmental Mitigation

FHWA OVERSIGHT

Element Specific Review – FHWA-NJ will review necessary contract documentation and/or conduct construction inspection/review explicit to an identified area of specific interest.

OVERSIGHT ELEMENTS

Project Construction & Contract Administration – This will include oversight of the following construction elements:

- Contract Changes/Scope
- NJDOT Inspections
- Environmental Mitigation
- Other project elements as per coordination between FHWA and NJDOT responsible parties

- **Resource Needs**
 - *FHWA Environmental Specialist – Tony Sabidussi 609-637-4221*

- **Additional Project Specific Oversight (if applicable)**
 - *N/A*



Route 3/Route 46 Valley & Notch/Rifle Camp Road Interchange Contract "A"

NJ Division PODI Project Oversight Plan

PURPOSE

The purpose of this FHWA document is to establish the parameters for the New Jersey Division Office to provide oversight with the establishment of a management strategy based on the risks associated with the successful delivery of the *Route 3/Route 46 Valley & Notch/Rifle Camp Road Interchange Contract "A"* Project. This is a living document and will be modified as needed as the project is progressed.

PROJECT BACKGROUND

- **Project Scope (Project Cost Estimate, Project Complexity)**
 - *Project Description* – Contract "A": From Notch/Rifle Camp Road to just west of Valley Road, a new two-way service road will be constructed along westbound Route 46 to remove local traffic from the State Highway. Construction of the two-way service road will include three new signalized intersections and two single-lane urban roundabouts. The superstructure of the Notch Road/Rifle Camp Road will be replaced and raised to improve vertical underclearance to 15 feet 6 inches. A new bridge structure and interchange ramps will be constructed at Clove Road to provide access to/from Route 46 westbound. The new bridge structure at Clove Road will be designed to provide a minimum vertical underclearance of 16 feet 6 inches. Two new Third River Culverts will be constructed as well. Existing Bridge Structures to be replaced: 1606-167 Superstructure Replacement.
 - *Project Cost Estimate* – Contract "A" is estimated to have the following costs associated with design and construction:
 - Design – \$12,400,000.00
 - Construction - \$42,893,203
 - Construction Engineering - \$4,581,214
 - Utilities - \$12,000,000.00
 - ROW - \$9,000,000.00

- **Project of Corporate Interest**
 - *Not Applicable*

- **Federal Investment**
 - *Final Design* – \$8,500,000
 - *Construction* - \$48,415,758

- **Project Management Organization Structure**
 - *Area Engineer* – Nunzio Merla (609) 637-4233
 - *Program Manager* – Robert Lee (609) 530-3813
 - *Project Manager* – Shan Sundaram (609) 530-5595
 - *Project Designer* – Stantec Consulting, LTD
 - *Environmental* – Zak Asadpour (609) 530-2727
 - *Resident Engineer* – Phil Petrowski
 - *Field Manager* – John Harder
 - *Contractor* – TBD

- **Schedule**
 - *FD – 04/15/2014*
 - *PS&E – 06/20/2014*
 - *Construction Start – 10/30/2015*
 - *Construction Substantial Completion – 03/29/2019*
 - *Construction Final Completion – 07/23/2019*

PROJECT RISKS

- **Division Interest Criteria (Risks)**
 - Multiple Contract Projects – The construction project will be administered under two (2) contracts. Contract “A” and Contract “B”.
 - NHS Total Project Cost Greater than \$40M – Total project cost is estimated at \$175M
 - Major ROW / Utility Impacts
 - The CE document indicates the following needed for ROW:
 - Total Area Needed – 14.7 Acres
 - Est. Number of Parcels: In Fee – 78
 - Easements – 15
 - Est. Number of Relocations – Residence – 1
 - Business – 7
 - Parking Spaces 128 (1)
 - Constructability – Given the nature and location of the project constructability items such as traffic control and staging will be evaluated.
 - Significant Natural/Cultural Resource Involvement – The CE document indicates that the project area contains natural features such as wetlands, watercourses, wildlife and their habitat. NJDEP Freshwater Wetlands Individual Permit and NJDEP Flood Hazard Area Major Permit will be required.
 - High Community Interests – This project has community interest but has been well received to date during Public Information Center hearings.
 - Civil Rights – Is and will continue to be monitored programmatically as well as on a project-by-project basis. The project specifications will include provisions for Disadvantaged Business Enterprises (DBE).
- **Discretionary** – Not Applicable

FHWA OVERSIGHT

Federal Involvement - FHWA-NJ will review and approve all applicable elements in each phase listed below.

OVERSIGHT ELEMENTS

Preconstruction (PS&E Approval, Advertising, & Award) – This will include oversight of the following design elements that apply:

- Plans, Specifications, and Estimates (PS&E)
- DBE
- OJT
- Contract Provisions FHWA1273, Buy America(n), Changed conditions clauses, Incentive/Disincentives
- Partnering
- Warranties
- ROW Clearances
- Project Authorization and Project Agreements
- Advertisement

- Addenda
- Pre-bid meetings
- Bid Analysis and Award Concurrence
- Innovative contracting
- State contracting procedures
- Utility Agreements/Utility Agreement Modifications
- Railroad agreements
- Other project reviews as per coordination between FHWA and NJDOT responsible parties

Project Construction & Contract Administration – This will include oversight of the following construction elements as they apply:

- Preconstruction Meetings
- Initial Inspections
- Intermediate Inspections
- In-Depth Inspections, Final Inspections
- Work Zone Inspections
- Project Meetings
- Buy America
- Materials testing / certifications
- Change orders
- COPs
- Contractor claims
- Pay Estimate Reviews
- Time extensions/Suspensions of Work
- Value Engineering Change Proposals
- Liquidated damages
- DBE commercial useful functions
- Labor Compliance
- Default/Termination of Contract
- Final Acceptance
- Other project elements and reviews as per coordination between FHWA and NJDOT responsible parties.

- **Resource Needs**

Resource needs may include(as needed) support from HQ, FHWA Resource Center, FHWA NJ Division SME's, or other specialized expertise.

- **Additional Project Specific Oversight (if applicable)**

Not Applicable



*Job Order Contracting
For
ITS Maintenance (South Region)
Federal Project No. TBD
NJ Division PODI Project Oversight Plan*

PURPOSE

The purpose of this FHWA document is to establish the parameters for the New Jersey Division Office to provide oversight with the establishment of a management strategy based on the risks associated with the successful delivery of the *Job Order Contracting for ITS Maintenance – South Region* Project. This is a living document and will be modified as needed as the project is progressed.

PROJECT BACKGROUND

- **Project Scope (Project Cost Estimate, Project Complexity)**
 - *The general scope of the JOC contracts will be for ITS Maintenance - South Region activities.*
 - *Project cost estimate is \$2,500,000*
- **Primary PoDI Type (Select One)**
 - *Projects Selected for Risk-Based Stewardship & Oversight; 23 USC 106(g)*
- **Project of Corporate Interest**
 - *The project is not classified as a project of corporate interest.*
- **Federal Investment**
 - *The project is a federal-aid construction project authorized with TBD funds.*
 - *Federal Project No. TBD*
- **Project Management Organization Structure**
 - *The project management organization structure consists of the following:*
 - *NJDOT Transportation Systems Management Office*
 - *TBD, Project Manager*
 - *TBD, Resident Engineer*
 - *FHWA Division Office*
 - *Ekaraj Phomsavath, ITS Engineer*
 - *Matt Zeller, Technical Services Team Leader*
- **Schedule**
 - *Construction Start – TBD*
 - *Construction Substantial Completion – N/A; individual JOC’s will vary*
 - *Construction Final Completion – TBD*
 - *Project End Date – TBD*

PROJECT RISKS

- **Division Interest Criteria (Risks)**
 - Contract Administration
 - Verification of the required contract provisions of the federal-aid construction contract.
 - Innovative Contracting or Construction
 - The NJDOT regional ITS maintenance job order contracting project proposal is currently under reviewed by FHWA under the SEP-14 (Special Experimental Procedures) Program. As such and once the work plan are approved, the Division will include enhanced oversight during all phases of the project related to the execution and administration of each individual job order.
 - Area of Specific Interest
 - Review of the systems engineering analysis and process.
 - ITS project (as determined by criteria defined in the Stewardship and Oversight Agreement)
 - Utilization of the systems engineering analysis and process for managing the ITS project, applicable ITS standards, and testing procedures.

FHWA OVERSIGHT

- a. *Federal Involvement* - FHWA-NJ DO will review and approve all applicable elements in each phase of the project.

OVERSIGHT ELEMENTS

Preconstruction (PS&E Approval, Advertising, & Award) – This will include oversight of the following design elements:

- Plans, Specifications, and Estimates (PS&E)
- DBE
- OJT
- Contract Provisions (FHWA1273, Buy America(n), Changed conditions clauses, Incentive/Disincentives
- Partnering
- Warranties
- ROW Clearances
- Project Authorization and Project Agreements
- Advertisement
- Addenda
- Pre-bid meetings
- Bid Analysis and Award Concurrence
- Innovative contracting
- Utility agreements/Utility Agreement Modifications
- Railroad agreements
- Other project elements as per coordination between FHWA and NJDOT responsible parties.

Project Construction & Contract Administration – This will include oversight of the following construction elements:

- Preconstruction Meetings
- Initial Inspections
- Intermediate Inspections

- In-Depth Inspections, Final Inspections
 - Work Zone Inspections
 - Project Meetings
 - Buy America
 - Materials testing / certifications
 - Each Individual Job Order approval
 - All elements associated with each Job Order (RFP's, Field Visits, etc.)
 - Contractor claims
 - Pay Estimate Reviews
 - Time extensions/Suspensions of Work
 - Value Engineering Change Proposals
 - Liquidated damages
 - DBE commercial useful functions
 - Labor Compliance
 - Default/Termination of Contract
 - Final Acceptance
 - Other project elements and reviews as per coordination between FHWA and NJDOT responsible parties.
- **Resource Needs**
 - Once the work plan proposal is approved, the Technical Services Teams will provide all federal oversight guidance on the contract provisions of the construction project. We will continue to utilize FHWA-HQ resources for any additional SEP-14 guidance and reporting.*
- **Additional Project Specific Oversight**
 - **Reporting in accordance with approved SEP14 Work Plan**
 - NJDOT Transportation Systems Management (Bureau of Mobility and Systems Engineering) will submit an annual status report to FHWA that addresses the schedule and cost efficiencies associated with this delivery method.
 - NJDOT Transportation Systems Management (Bureau of Mobility and Systems Engineering) will submit a final evaluation report to FHWA within four months after completion of the pilot program.



*Job Order Contracting
For
ITS Maintenance (North Region)
Federal Project No. TBD
NJ Division PODI Project Oversight Plan*

PURPOSE

The purpose of this FHWA document is to establish the parameters for the New Jersey Division Office to provide oversight with the establishment of a management strategy based on the risks associated with the successful delivery of the *Job Order Contracting for ITS Maintenance – North Region* Project. This is a living document and will be modified as needed as the project is progressed.

PROJECT BACKGROUND

- **Project Scope (Project Cost Estimate, Project Complexity)**
 - *The general scope of the JOC contracts will be for ITS Maintenance - North Region activities.*
 - *Project cost estimate is TBD*
- **Primary PoDI Type (Select One)**
 - *Projects Selected for Risk-Based Stewardship & Oversight; 23 USC 106(g)*
- **Project of Corporate Interest**
 - *The project is not classified as a project of corporate interest.*
- **Federal Investment**
 - *The project is a federal-aid construction project authorized with TBD funds.*
 - *Federal Project No. TBD*
- **Project Management Organization Structure**
 - *The project management organization structure consists of the following:*
 - *NJDOT Transportation Systems Management Office*
 - *TBD, Project Manager*
 - *TBD, Resident Engineer*
 - *FHWA Division Office*
 - *Ekaraj Phomsavath, ITS Engineer*
 - *Matt Zeller, Technical Services Team Leader*
- **Schedule**
 - *Construction Start – TBD*
 - *Construction Substantial Completion – N/A; individual JOC's will vary*
 - *Construction Final Completion – TBD*
 - *Project End Date – TBD*

PROJECT RISKS

- **Division Interest Criteria (Risks)**
 - Contract Administration
 - Verification of the required contract provisions of the federal-aid construction contract.
 - Innovative Contracting or Construction
 - The NJDOT regional ITS maintenance job order contracting project proposal is currently under reviewed by FHWA under the SEP-14 (Special Experimental Procedures) Program. As such and once the work plan are approved, the Division will include enhanced oversight during all phases of the project related to the execution and administration of each individual job order.
 - Area of Specific Interest
 - Review of the systems engineering analysis and process.
 - ITS project (as determined by criteria defined in the Stewardship and Oversight Agreement)
 - Utilization of the systems engineering analysis and process for managing the ITS project, applicable ITS standards, and testing procedures.

FHWA OVERSIGHT

- a. *Federal Involvement* - FHWA-NJ DO will review and approve all applicable elements in each phase of the project.

OVERSIGHT ELEMENTS

Preconstruction (PS&E Approval, Advertising, & Award) – This will include oversight of the following design elements:

- Plans, Specifications, and Estimates (PS&E)
- DBE
- OJT
- Contract Provisions (FHWA1273, Buy America(n), Changed conditions clauses, Incentive/Disincentives
- Partnering
- Warranties
- ROW Clearances
- Project Authorization and Project Agreements
- Advertisement
- Addenda
- Pre-bid meetings
- Bid Analysis and Award Concurrence
- Innovative contracting
- Utility agreements/Utility Agreement Modifications
- Railroad agreements
- Other project elements as per coordination between FHWA and NJDOT responsible parties.

Project Construction & Contract Administration – This will include oversight of the following construction elements:

- Preconstruction Meetings
- Initial Inspections
- Intermediate Inspections

- In-Depth Inspections, Final Inspections
 - Work Zone Inspections
 - Project Meetings
 - Buy America
 - Materials testing / certifications
 - Each Individual Job Order approval
 - All elements associated with each Job Order (RFP's, Field Visits, etc.)
 - Contractor claims
 - Pay Estimate Reviews
 - Time extensions/Suspensions of Work
 - Value Engineering Change Proposals
 - Liquidated damages
 - DBE commercial useful functions
 - Labor Compliance
 - Default/Termination of Contract
 - Final Acceptance
 - Other project elements and reviews as per coordination between FHWA and NJDOT responsible parties.
- **Resource Needs**
 - Once the work plan proposal is approved, the Technical Services Teams will provide all federal oversight guidance on the contract provisions of the construction project. We will continue to utilize FHWA-HQ resources for any additional SEP-14 guidance and reporting.*
- **Additional Project Specific Oversight**
 - **Reporting in accordance with approved SEP14 Work Plan**
 - NJDOT Transportation Systems Management (Bureau of Mobility and Systems Engineering) will submit an annual status report to FHWA that addresses the schedule and cost efficiencies associated with this delivery method.
 - NJDOT Transportation Systems Management (Bureau of Mobility and Systems Engineering) will submit a final evaluation report to FHWA within four months after completion of the pilot program.



I-195, Route 9, and Route 138 ITS Facilities NJ Division PODI Project Oversight Plan

PURPOSE

The purpose of this FHWA document is to establish the parameters for the New Jersey Division Office to provide oversight with the establishment of a management strategy based on the risks associated with the successful delivery of the *I-195, Route 9, and Route 138 ITS Facilities* Project. This is a living document and will be modified as needed as the project is progressed.

PROJECT BACKGROUND

- **Project Scope (Project Cost Estimate, Project Complexity)**
 - *Installation of five Dynamic Message Signs (DMS), fourteen surveillance cameras, and thirteen Travel Time System (TTS) detectors. All ITS facilities will be connected to Traffic Operations Center South (TOCS) Cherry Hill and Statewide Traffic Management Center in Woodbridge for central control and monitoring.*
 - *The proposed DMS sign locations are at the following Routes and mile posts:*
 1. EB Interstate 195 at 28.65 – Ground Mounted
 2. WB Interstate 195 at 28.72 – Cantilever
 3. EB Interstate 195 at 32.65 – Cantilever
 4. EB Route 138 at 0.85 – Cantilever
 5. WB Route 138 at 1.90 – Ground Mounted
 - *The proposed TTS locations are at the following Routes and mile posts:*
 1. EB Interstate 195 at 25.90 – 75' Standard
 2. SB Route 9 at 107.20 – 75' Standard
 3. WB Interstate 195 at 27.38 – 75' Standard
 4. EB Interstate 195 at 28.65 – Ground Mounted
 5. WB Interstate 195 at 28.72 – Cantilever
 6. WB Interstate 195 at 30.40 – 75' Standard
 7. WB Interstate 195 at 31.57 – 75' Standard
 8. EB Interstate 195 at 32.65 – Cantilever
 9. WB Route 138 at 0.28 – 55' Standard
 10. EB Route 138 at 0.85 – Cantilever
 11. EB Route 138 at 1.75 – 75' Standard
 12. WB Route 138 at 1.90 – Ground Mounted
 13. WB Route 138 at 3.37 – 75' Standard
 - *The proposed CCTV locations are at the following Routes and mile posts:*
 1. EB Interstate 195 at 25.90 – 75' Standard
 2. SB Route 9 at 107.20 – 75' Standard
 3. WB Interstate 195 at 27.38 – 75' Standard
 4. EB Interstate 195 at 28.65 – Ground Mounted
 5. WB Interstate at 28.72 – Cantilever
 6. WB Interstate at 30.40 – 75' Standard
 7. WB Interstate at 31.57 – 75' Standard
 8. EB Interstate 195 at 32.65 – Cantilever
 9. WB Route 138 at 0.28 – 55' Standard (2 CCTVs)
 10. EB Route 138 at 0.85 – Cantilever

11. EB Route 138 at 1.75 – 75’ Standard
12. WB Route 138 at 1.90 – Ground Mounted
13. WB Route 138 at 3.37 – 75’ Standard

- **Primary PoDI Type (Select One)**
 - Projects Selected for Risk-Based Stewardship & Oversight; 23 USC 106(g)
- **Project of Corporate Interest**
 - No
- **Federal Investment**
 - Federal Project Number and Federal Funding Source are TBD
 - Project cost - \$8,500,000
- **Project Management Organization Structure**
 - NJDOT Field Manager - TBD
 - NJDOT Project Manager - TBD
- **Schedule**
 - Construction Start – TBD
 - Construction Substantial Completion - TBD
 - Construction Final Completion - TBD

PROJECT RISKS

- **Division Interest Criteria (Risks)**
 - Contract Administration
 - Verification of the required contract provisions of the federal-aid construction contract.
 - Area of Specific Interest
 - Review of the systems engineering analysis and process.
 - ITS project (as determined by criteria defined in the Stewardship and Oversight Agreement)
 - Utilization of the systems engineering analysis and process for managing the ITS project, applicable ITS standards, and testing procedures.

FHWA OVERSIGHT

Federal Involvement - FHWA-NJ will review and approve all applicable elements in each phase listed below.

OVERSIGHT ELEMENTS

Preconstruction (PS&E Approval, Advertising, & Award) – This will include oversight of the following design elements that apply:

- Plans, Specifications, and Estimates (PS&E)
- DBE
- OJT
- Contract Provisions (FHWA1273, Buy America(n), Changed conditions clauses, Incentive/Disincentives
- Partnering
- Warranties
- ROW Clearances

- Project Authorization and Project Agreements
- Advertisement
- Addenda
- Pre-bid meetings
- Bid Analysis and Award Concurrence
- Innovative contracting
- State contracting procedures
- Utility agreements/Utility Agreement Modifications
- Railroad agreements
- Other project elements as per coordination between FHWA and NJDOT responsible parties.

Project Construction & Contract Administration – This will include oversight of the following construction elements as they apply:

- Preconstruction Meetings
 - Initial Inspections
 - Intermediate Inspections
 - In-Depth Inspections, Final Inspections
 - Work Zone Inspections
 - Project Meetings
 - Buy America
 - Materials testing / certifications
 - Change orders
 - COPs
 - Contractor claims
 - Pay Estimate Reviews
 - Time extensions/Suspensions of Work
 - Value Engineering Change Proposals
 - Liquidated damages
 - DBE commercial useful functions
 - Labor Compliance
 - Default/Termination of Contract
 - Final Acceptance
 - Other project elements and reviews as per coordination between FHWA and NJDOT responsible parties.
- **Resource Needs**
The division office ITS Engineer will utilize the Area Engineers if needed for federal oversight guidance on the contract provisions of the ITS construction project.