

ATTACHMENT 2

**STATEMENT OF WORK
(ARRA-HSIPR Track 1b Projects – with NEPA)**

[Project Title]

BACKGROUND

Briefly describe the events that lead to the development of this capital project and the underlying issue that the project will address (less than ½ page)

GENERAL OBJECTIVE

Provide a general description of the work to be accomplished through this grant, including project work effort, project location, and other parties involved. Describe the end-state of the project, and the benefit that will be achieved as a result of the project.

Example: The Grantee shall complete preliminary engineering (30% design) and environmental review of [a capital Project] (from approximately Milepost [here] to [there]) on the [American Railroad] [Railroad Subdivision], in/near [Anywhere, State]. Completion of this project will provide preliminary engineering (30% design) and environmental review to support the final design and construction of [a railroad facility that will improve the utility of intercity passenger railroad operations].

DESCRIPTION OF WORK

Provide a detailed description of the work to be accomplished through this grant by Task.

Project Limits:

Provide a description of the geographical and physical boundaries of the project work scope below:

Example: The Grantee shall perform preliminary engineering (30% design) and environmental review of railroad facility improvements [Describe Project Limits] located between Milepost [here] to [there] on the [American Railroad] [Railroad Subdivision].

Task 1: Preliminary Engineering (30% Design)1

1 The Preliminary Engineering supporting this Project shall comply with all requirements and include all elements as defined in Appendix 2.2, Preliminary Engineering of the FRA published the High-Speed Intercity Passenger Rail Interim Program Guidance in the Federal Register on June 23, 2009.

Describe the specific elements of the project to be completed to preliminary engineering design.

Notes:

- 1. The design drawings shall be prepared at a scale of no less than 100 or 500 feet to the inch for rural projects and 40 feet to the inch for complex urban projects.*
- 2. The track design shall include design speeds, track centers, spiral and curve data, super-elevation and under balance, switch numbers and location, and preliminary track profiles.*
- 3. The signal design shall include route and aspect charts, preliminary block design, and signal locations.*

Example: The Grantee shall complete preliminary engineering (30% design) of [a capital Project] on infrastructure owned by the [American Railroad Abbreviation] in/near [Anywhere, State] with the following characteristics:

Provide a description of the preliminary engineering design requirements below:

- [Describe Underlying Project Physical Elements "feet of track"].
- [Describe Project Component "type of rail"].
- [Describe Signaling and Speed Requirements].
- Track design conforming to the standards of FRA track [FRA Track Classification "Class-4"] or above.
- [List more details as necessary].

Task 2: Environmental Review

Describe the environmental review elements required in accordance with the National Environmental Policy Act (NEPA) to complete the project.

Depending on the level of environmental review required, the grantee shall either request a Categorical Exclusion for the project, or prepare an Environmental Assessment.

- *Categorical Exclusion:*
If the project is site-specific and has no known potential for significant impacts for which FRA has established a category of action, the Grantee may request for Categorical Exclusion from detailed NEPA evaluation.
- *Environmental Assessment:*
If a detailed NEPA evaluation is required, the Grantee, in coordination with the FRA, shall prepare an Environmental Assessment, which will identify the purpose and the need of the project, identify project alternatives and a no-action alternative, and analyze environmental impacts that would occur under each alternative, as set forth in the FRA's procedures for considering environmental impacts (64 Fed. Reg. 28550). The Grantee will submit a Draft Environmental Assessment to the FRA for review and comment. Through consultation with the FRA and confirmation that no significant impacts are

anticipated, the Grantee will produce a draft Finding of No Significant Impact (FONSI) and submit it to the FRA for review and completion.

PROJECT SCHEDULE

Provide schedule information in this section including any deliverables that are required to support the project.

Schedule of Work:

The period of performance for the above work shall be [Project Length in Months], beginning [February 13, 2009] and ending [Project End Date – (no later than ARRA 2-Year Requirement)].

Prerequisites:

Prior to commencing with project design and environmental review activities, the Grantee must provide FRA with verification of the following completed planning and management documents for the administration of the project.

1. A detailed budget for the preliminary engineering (30% design) and environmental review of the project. (attach)
2. [List other Prerequisites as Applicable]

PERFORMANCE OBJECTIVES AND DELIVERABLES

The Grantee shall provide FRA with a projected schedule to achieve the deliverables and performance objectives listed below. The Grantee shall achieve these performance objectives in order to be authorized for funding of project components, and for the project to be considered complete.

Task 1: Preliminary Engineering (30% design) 2

List all elements of the preliminary engineering design that must be accomplished in order to complete the project, as applicable.

1. [Survey Drawings by Type]
2. [Preliminary Engineering Drawings signed by all parties]
3. [List Final Engineering Track and Structure Drawings by Type]
4. [Route and aspect chart depicting the proposed signal configuration of the project]

Task 2: Environmental Review

2 The Preliminary Engineering supporting this Project shall comply with all requirements and include all elements as defined in Appendix 2.2, Preliminary Engineering of the FRA published the High-Speed Intercity Passenger Rail Interim Program Guidance in the Federal Register on June 23, 2009.

List all elements of environmental review that must be accomplished in order to complete the project, as applicable.

1. Draft environmental review document or Categorical Exclusion worksheet submitted to FRA for review
2. [List more deliverables as necessary]

Project Administration:

List administrative tasks that are required in order to complete the project, as applicable.

1. Project receipts and documents submitted to FRA.
2. [List more deliverables as necessary]

PROJECT ESTIMATE/BUDGET

Provide an overall cost summary in this section with a detailed description of project costs by element attached as an appendix.

The total estimated cost of the project is [Total Project Cost \$X,XXX,XXX], for which the FRA grant will contribute an estimated [FRA Share XX.XXXX%] of the total cost, but no more than [Total Amount of FRA Award \$X,XXX,XXX]. Any additional expense required beyond that provided in this grant to complete the project shall be borne by the Grantee. (See attached budget for additional financial details of the project.)

Project Cost Details (See attached budget for additional financial details)

Task 1: Preliminary Engineering	\$	<u>[Task 1 Cost]</u>
Task 2: Environmental Review	\$	<u>[Task 2 Cost]</u>
Total Project Cost:	\$	<u>[X,XXX,XXX]</u>

[Project Title] (FRA Grant)

FRA (<u>[XX.XXXX% Same as Above]</u> of project cost):	\$	<u>[FRA Share]</u>
Grantee Contribution (<u>[XX.XXXX%]</u> of project cost):	\$	<u>[Grantee Match]</u>
Total Project Cost:	\$	<u>[X,XXX,XXX]</u>

PROJECT COORDINATION

List major partners, sub-awardees or sub-grantees that will be implementing this program. In addition, please attach a basic organizational chart as an appendix that demonstrates the titles/company name of those empowered to make management authority or direct project management responsibility.

The Grantee shall perform all tasks required for the project through a coordinated process, including all railroad owners, operators, and funding partners within the project area.

- [Host Railroad Name]

- [Freight/Passenger Railroad Operator(s)]
- [Funding Partners "xDOT", "City of XXX", "Transportation Authority"]
- FRA

PROJECT MANAGEMENT

Describe any critical assumptions, special requirements and contingency plans. Provide updated project management plan as an attachment. Describe how the project will be monitored and evaluated for progress.