

# **Appendix G**

FRA Categorical Exclusion Worksheet

Expiration 07/31/2015

OMB No. 2130-0548

Public reporting burden for this information collection is estimated to average 176 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. According to the Paperwork Reduction Act of 1995, a federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. The valid OMB control number for this information collection is 2130-0548. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection, including suggestions for reducing this burden to: Information Collection Officer, Federal Railroad Administration, 1200 New Jersey Ave., N.W., Washington D.C. 20590.

**Federal Railroad Administration (FRA)  
CATEGORICAL EXCLUSION WORKSHEET**

The purpose of this worksheet is to assist Project sponsors in gathering and organizing materials for environmental analysis required under the National Environmental Policy Act (NEPA), particularly for projects that may qualify as Categorical Exclusions. Categorical Exclusions are categories of actions (i.e. types of projects) that the FRA has determined, based on its experience, typically do not individually or cumulatively have a significant effect on the human environment and which generally do not require the preparation of either an environmental impact statement (EIS) or an environmental assessment (EA). Decisions to prepare EAs and EISs are made by FRA.

*Submission of the worksheet by itself does not meet NEPA requirements. FRA must concur in writing with the Categorical Exclusion recommendation for NEPA requirements to be met.*

The Project sponsor is responsible for providing FRA with a sufficient level of documentation and analysis to help inform FRA's determination that a Categorical Exclusion is the appropriate NEPA class of action. Documentation and analysis may include background research, results of record searches, field investigations, field surveys, and any past planning or studies.

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Instructions for completing this worksheet are available on the FRA website at: <http://www.fra.dot.gov/eLib/Details/L02708>. Please complete this worksheet using compatible word processing software and submit and transmit the completed form in MS Word electronic format.

*The following documents must be submitted along with this worksheet:*

1. Include maps or diagram of the Project area that identifies locations of critical resource areas, wetlands, potential historic sites, or sensitive noise receptors such as schools, hospitals, and residences.
2. Include maps or diagrams of the proposed modifications to existing railways, roadways, and parking facilities.
3. Copies of all agency correspondence particularly with permitting agencies.
4. Representative photographs of the Project area.

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**I. PROJECT DESCRIPTION**

<b>Project Sponsor</b>	<b>Date Submitted to FRA</b>	<b>FRA Funding (TIGER, HSIPR, Rail Line Relocation, RRIF, etc.) or other FRA Action</b>
<b>Contact Person</b>	<b>Phone</b>	<b>E-mail address</b>
<b>Proposed Project Title</b>		
<b>Location (Include Street Address, City or Township, County, and State)</b>		

NEPA Contact	Phone	E-mail Address
<p><b>Description of Proposed Action (Project):</b> Fully describe the Project including specifics that may be of environmental concern such as: <i>widening an embankment to stabilize roadbed; repairing or replacing bridge pier foundations, extending culverts, including adding rip-rap in a waterway; earthwork and altering natural (existing) drainage patterns and creating a new water discharge; contaminated water needing treatment; building a new or adding on to a shop building; fueling or collection of fuel or oil and contaminated water; building or extending a siding; and building or adding on to a yard. Where applicable fully describe the operational characteristics of the facility to be improved by the proposed action and any anticipated operational changes that may result.</i></p>		
<p><b>Purpose and Need of Proposed Action (Project).</b></p>		

**II. NEPA CLASS OF ACTION**

*Please check the category or categories that the Project best fits. If no category applies, contact FRA as an EA or EIS may need to be prepared.*

- Changes in plans for a Project for which an environmental document has been prepared, where the changes would not alter the environmental impacts of the action. *(Describe the full consequences of the changes only in part III)*
- Maintenance of: existing railroad equipment; track and bridge structures; electrification, communication, signaling, or security facilities; stations; maintenance-of-way and maintenance-of-equipment bases; and other existing railroad-related facilities. *("Maintenance" means work, normally provided on a periodic basis, which does not change the existing character of the facility, and may include work characterized by other terms under specific FRA programs)*
- Temporary replacement of an essential rail facility if repairs are commenced immediately after the occurrence of a natural disaster or catastrophic failure.
- Operating assistance to a railroad to continue existing service or to increase service to meet demand, where the assistance will not result in a change in the effect on the environment.
- Financial assistance for the construction of minor loading and unloading facilities, provided that proposals are consistent with local zoning, do not involve the acquisition of a significant amount of land, and do not significantly alter the traffic density characteristics of existing rail or highway facilities.
- Minor rail line additions *including construction of side tracks, passing tracks, crossovers, short connections between existing rail lines, and new tracks within existing rail yards*, provided that such additions are consistent with existing zoning, do not involve acquisition of a significant amount of right of way, and do not substantially alter the traffic density characteristics of the existing rail lines or rail facilities.
- Acquisition of existing railroad equipment, track and bridge structures, electrification, communication, signaling or security facilities, stations, maintenance of way and maintenance of equipment bases, and other existing railroad facilities or the right to use such facilities, for the purpose of conducting operations of a nature and at a level of use similar to those presently or previously existing on the subject properties.
- Research, development and/or demonstration of advances in signal, communication and/or train control systems on existing rail lines provided that such research, development and/or

demonstrations do not require the acquisition of substantial amounts of right-of-way, and do not substantially alter the traffic density characteristics of the existing rail line.

- Improvements to existing facilities to service, inspect, or maintain rail passenger equipment, *including expansion of existing buildings, the construction of new buildings and outdoor facilities, and the reconfiguration of yard tracks.*
- Alterations to existing facilities, locomotives, stations and rail cars in order to make them accessible for the elderly and persons with disabilities, *such as modifying doorways, adding or modifying lifts, constructing access ramps and railings, modifying restrooms, and constructing accessible platforms.*
- Bridge rehabilitation, reconstruction or replacement, the rehabilitation or maintenance of the rail elements of docks or piers for the purposes of intermodal transfers, and the construction of bridges, culverts, or grade separation projects, predominantly within existing right-of-way, that do not involve extensive in-water construction activities, *such as projects replacing bridge components including stringers, caps, piles, or decks, the construction of roadway overpasses to replace at-grade crossings, construction or reconstruction of approaches and/or embankments to bridges, or construction or replacement of short span bridges.*
- Acquisition (including purchase or lease), rehabilitation, or maintenance of vehicles or equipment that does not cause a substantial increase in the use of infrastructure within the existing right-of-way or other previously disturbed locations, *including locomotives, passenger coaches, freight cars, trainsets, and construction, maintenance or inspection equipment.*
- Installation, repair and replacement of equipment and small structures designed to promote transportation safety, security, accessibility, communication or operational efficiency that take place predominantly within the existing right-of-way and do not result in a major change in traffic density on the existing rail line or facility, *such as the installation, repair or replacement of surface treatments or pavement markings, small passenger shelters, passenger amenities, benches, signage, sidewalks or trails, equipment enclosures, and fencing, railroad warning devices, train control systems, signalization, electric traction equipment and structures, electronics, photonics, and communications systems and equipment, equipment mounts, towers and structures, information processing equipment, and security equipment, including surveillance and detection cameras.*
- Environmental restoration, remediation and pollution prevention activities in or proximate to existing and former railroad track, infrastructure, stations and facilities conducted in conformance with applicable laws, regulations and permit requirements, *including activities such as noise mitigation, landscaping, natural resource management activities, replacement or improvement to storm water oil/water separators, installation of pollution containment systems, slope stabilization, and contaminated soil removal or remediation activities.*
- Assembly or construction of facilities or stations that are consistent with existing land use and zoning requirements, do not result in a major change in traffic density on existing rail or highway facilities and result in approximately less than ten acres of surface disturbance, *such as storage and maintenance facilities, freight or passenger loading and unloading facilities or stations, parking facilities, passenger platforms, canopies, shelters, pedestrian overpasses or underpasses, paving, or landscaping.*
- Track and track structure maintenance and improvements when carried out predominantly within the existing right-of-way that do not cause a substantial increase in rail traffic beyond existing or historic levels, *such as stabilizing embankments, installing or reinstalling track, re-grading, replacing rail, ties, slabs and ballast, installing, maintaining, or restoring drainage ditches, cleaning ballast, constructing minor curve realignments, improving or replacing interlockings, and the installation or maintenance of ancillary equipment.*

**III. PROJECT INFORMATION**

Potential impacts from both construction and changes to operations (where applicable) should be analyzed and identified for each resource type below. Where appropriate, the Project

sponsor may commit to mitigation measures to avoid, reduce, or minimize impacts, including the use of Best Management Practices (BMP). Mitigation measures necessary to comply with other laws or regulations (e.g. Clean Water Act Section 404) should also be identified and the impacts from mitigation considered.

**A. Affected Environment:** *Briefly describe the ecosystems and environmental conditions in the area affected by the Project (defined as broadly as necessary to evaluate potential impacts and address Project area habitats).*

**B. Location & Land Use:** *Briefly describe the existing land use of the Project site and surrounding properties and resources and identify and discuss any potential inconsistencies the Project might have with local land use plans and policies.*

The project site is within existing property and right-of-way of the railroad.

**C. Cultural Resources:** *Is the Project of the type where there is no potential to affect historic properties? Check yes or no depending on whether resources have been identified in the immediate vicinity of the Project (Area of Potential Effect)*

*Yes, explain how Project has no potential to affect historic properties. (Continue to D)*

The project site is within existing property and right-of-way of the railroad.

*No, there is potential to affect historic properties. Describe identification procedures to determine the existence of cultural resources in the Project area.*

*Describe any resource(s) identified in the project area and then describe any potential effect of the Project on the resource(s).*

*Has consultation with the State Historic Preservation Office occurred?*

*No, contact FRA*

*Yes, describe and attach relevant correspondence*

*What resources of interest to Federally-recognized Native American Tribes are known to be present in the Project area?*

**D. Parks and Recreational Facilities:** *Are there any publicly owned park, wildlife and waterfowl refuge, or recreational area of national, state, or local significance within or directly adjacent to the Project area?*

*No, include a short statement describe efforts to identify parks and recreational facilities in the Project area.*

Yes, include a detailed description of the property, including map or drawing, describe the recreational uses of the property, any unique characteristics of the property, any consultations with the entity with legal jurisdiction over the property, and the potential impact on the property.

**E. Transportation:** *Would the Project have any effect (beneficial or adverse) on transportation including but not limited to other railway operations, road traffic, or increase the demand for parking?*

No, explain why the Project would have no effect (beneficial or adverse) on transportation

Yes, describe potential transportation, traffic, and parking impacts, and address capacity constraints and potential impacts to existing railroad and highway operations. Also, summarize any consultation that has occurred with other railroads or highway authorities whose operations this Project will impact.

The project will improve railroad freight transportation within the project area.

**F. Noise and Vibration:** *Are there any sensitive receptors in the Project area?*

No, describe why there are no sensitive receptors (residences, parks, schools, hospitals, public gathering spaces) in or near the Project area. (Continue to G)

Yes, will the Project change the noise and/or vibration exposure of the sensitive receptors when applying the screening distances for noise and vibration assessment found in FRA and Federal Transit Administration's noise impacts assessment guidance manuals? Such changes in exposure might include changes in noise emissions and/or events, or changes in vibration emissions and/or events.

If the Project is anticipated to change the noise or vibration exposure of sensitive receptors, complete and attach a General Noise and/or Vibration Assessment. Describe the results of the Assessment and any mitigation that will address potential impacts.

**G. Air Quality:** *Is the Project located in a Non-Attainment or Maintenance area?*

No, identify any air emissions increases or benefits that the project will create.  
(Continue to H)

Yes, for which of the following pollutants:

- Carbon Monoxide (CO)     Ozone (O<sub>3</sub>), volatile organic compounds or Nitrous Oxides (NO<sub>x</sub>)  
 Particulate Matter (PM<sub>10</sub> and PM<sub>2.5</sub>)

*Will the Project, both during construction and operation, result in new emissions of criteria pollutants including Carbon Monoxide (CO), Ozone (O<sub>3</sub>), volatile organic compounds, or Nitrous Oxides NO<sub>x</sub>, Particulate Matter (PM<sub>10</sub> and PM<sub>2.5</sub>)?*

No     Yes, Attach an emissions analysis for General Conformity regarding CO, O<sub>3</sub>, PM<sub>10</sub>, and NO<sub>x</sub>.

*Based on the emissions analysis, will the Project increase concentrations of ambient criteria pollutants to levels that exceed the NAAQS, lead to the establishment of a new non-attainment area, or delay achievement of attainment?*

No     Yes, Describe any substantial impacts from the Project.

**H. Hazardous Materials:** *Does the Project involve the use or handling of hazardous materials?*

No (continue to I)

Yes, describe the use and measures that will mitigate any potential for release and contamination.

**I. Hazardous Waste:** *Is the Project site in a developed area or was previously developed or used for industrial or agricultural production,*

No, describe the steps taken to determine that hazardous materials are not present on the Project site. (Continue to J)

The project site has been a freight transportation railroad for over one hundred years. No industrial or agricultural production has taken place with the project site.

Yes. *If yes, is it likely that hazardous materials will be encountered by undertaking the Project? (Prior to acquiring land or a facility with FRA funds, FRA must be consulted regarding the potential presence of hazardous materials)*

Yes, complete a Phase I site assessment and attach.

No, explain why it is unlikely that hazardous materials will be encountered.

*If a Phase I survey was completed, is a Phase II site assessment recommended?*

No, explain why a Phase II site assessment is not recommended.

Yes, describe the mitigation and clean-up measures that will be taken to remediate any hazardous materials present and what steps will be taken to ensure that the local community is protected from contamination during construction and operation of the Project.

**J. Property Acquisition:** *Is property acquisition needed for the Project?*

No (continue to K)

Yes, indicate how much property and whether the acquisition will result in relocation of businesses or individuals. **Note:** *acquiring property prior to completing the NEPA process and receiving written FRA concurrence in the NEPA recommendation may jeopardize Federal financial participation in the Project.*

**K. Community Impacts and Environmental Justice:** *Is the Project likely to result in impacts to adjacent communities? Impacts might be both beneficial (e.g. economic benefits) or adverse (e.g. reduction in community cohesion).*

No, describe the steps taken to determine whether the Project might result in impacts to adjacent communities. (Continue to L)

Yes, characterize the socio-economic profile of the affected community, including the presence of minority or low-income populations.

Describe any potential adverse effects to communities, including noise, visual and barrier effects. Indicate whether the Project will have a disproportionately high and adverse effect on minority or low-income populations. Describe outreach efforts targeted specifically at minority or low-income populations.

**L. Impacts On Wetlands:** *Does the Project temporarily or permanently impact wetlands or require alterations to streams or waterways?*

No, describe the steps taken to determine that the Project is not likely to temporarily or permanently impact wetlands or require alterations to streams or waterways.

The project site is within existing property and right-of-way of the railroad.

Yes, show wetlands and waters on the site map and classification. Describe the Project's potential impact to on-site and adjacent wetlands and waters and attach any correspondence with the US Army Corps of Engineers.

*Is a Section 404 Permit necessary?*

Yes, attach all permit related documentation

No

**M. Floodplain Impacts:** *Is the Project located within the 100-year floodplain or are regulated floodways affected?*

No (continue to N)

Yes, describe the potential for impacts due to changes in floodplain capacity or water flow, if any and how the Project will comply with Executive Order 11988. If impacts are likely, attach scale maps describing potential impacts and describe any coordination with regulatory entities.

**N. Water Quality:** *Are protected waters of special quality or concern, or protected drinking water resources present at or directly adjacent to the Project site?*

No, describe the steps taken to identify *protected waters of special quality or concern, or protected drinking water resources present at or directly adjacent to the Project site.*

Yes, describe water resource and the potential for impact from the Project, and any coordination with regulatory entities.

See attached photo, Milepost 10.78, Prospect. Drinking water resource notice.

**O. Navigable Waterways:** *Does the Project cross or have effect on a navigable waterway?*

No (continue to P)

Yes, describe potential for impact and any coordination with US Coast Guard.

**P. Coastal Zones:** *Is the Project in a designated coastal zone?*

No (continue to Q)

Yes, describe coordination with the State regarding consistency with the coastal zone management plan and attach the State finding if available.

Searsport

**Q. Prime and Unique Farmlands:** *Does the Project impact any prime or unique farmlands?*

No, describe the steps taken to identify *impacts to prime or unique farmlands.*

Yes, describe potential for impact and any coordination with the Soil Conservation Service of the US Department of Agriculture.

**R. Critical Habitat and Endangered Species:** *Are there any designated critical habitat areas (woodlands, prairies, wetlands, rivers, lakes, streams, and geological formations determined to be essential for the survival of a threatened or endangered species) within or directly adjacent to the Project site?*

No, describe the steps taken to identify critical habitat within or directly adjacent to the Project site.

Yes, describe them and the potential for impact.

*Are any Threatened or endangered species located in or adjacent to the site?*

No, describe the steps taken to identify the presence of endangered species directly adjacent to the Project site.

Yes, describe them and the potential for impact. Describe any consultation with the State and the US Fish and Wildlife Service about the impacts to these natural areas and on threatened and endangered fauna and flora that may be affected. If required prepare a biological assessment and attach it and any applicable agency correspondence.

**S. Public Safety:** *Will the Project result in any public safety impacts?*

No, describe method used to determine whether the Project results in any safety or security impacts

Yes, describe the safety or security concerns and the measures that would need to be taken to provide for the safe and secure operation of the Project during and after its construction.

**T. Cumulative Impacts:** A "cumulative impact" is the impact on the environment that results from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency (Federal or non-Federal) or person undertakes such other actions. Cumulative impacts may include ecological (such as the effects on natural resources and on the components, structures, and functioning of affected ecosystems), aesthetic, historic, cultural, economic, social, or health, whether direct, indirect, or resulting from smaller actions that individually have no significant impact. Determining the cumulative environmental consequences of an action requires delineating the cause-and-effect relationships between the multiple actions and the resources, ecosystems, and human communities of concern.

*Are cumulative impacts likely?*  No  Yes, describe the impacts:

**U. Indirect Impacts:** "Indirect impacts" are those that are caused by the action and are later in time or farther removed in distance, but are still reasonably foreseeable. Indirect impacts may include growth inducing effects and other effects related to induced changes in the pattern of land use, population density or growth rate, and related effects on air and water and other natural systems, including ecosystems.

*Are Indirect impacts likely?*  No  Yes, describe the impacts:

**V. Commitments:** List all measures, procedures and practices that have been incorporated into the Project avoid and minimize impacts, if any, as identified in the above sections of this worksheet.

**W. Public Notification:** *Briefly describe any public outreach efforts undertaken on behalf of the Project, if any. Indicate opportunities the public has had to comment on the Project (e.g., Board meetings, open houses, special hearings).*

*Has the Project generated any public discussion or concern, even though it may be limited to a relatively small subset of the community? Indicate any concerns expressed by agencies or the public regarding the Project.*

**X. Related Federal, State, or Local Actions:** *Does the Project require any additional actions (e.g., permits) by other Agencies? Attach copies of relevant correspondence. It is not necessary to attach voluminous permit applications if a single cover Agency transmittal will indicate that a permit has been granted. Permitting issues should be described in the relevant resource discussion above.*

**Section 106** *Historic Properties*

**Section 401/404 of the Clean Water Act;** *Wetlands and Water Quality*

**Section 402 of the Clean Water Act**

**USCG 404** *Navigable Waterways*

**Migratory Bird Treaty Act**

**Endangered Species Act** *Threatened and Endangered Biological Resources*

**Magnuson-Stevens Fishery Conservation and Management Act** *Essential Fish Habitat*

**Safe Drinking Water Act**

**Section 6(f) Land and Conservation Act**

**Other State or Local Requirements** (Describe)



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**Federal Railroad Administration (FRA)  
CATEGORICAL EXCLUSION WORKSHEET**

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Instructions for completing this worksheet are available on the FRA website at: <http://www.fra.dot.gov/eLib/Details/L02708>. Please complete this worksheet using compatible word processing software and submit and transmit the completed form in MS Word electronic format.

*The following documents must be submitted along with this worksheet:*

1. Include maps or diagram of the Project area that identifies locations of critical resource areas, wetlands, potential historic sites, or sensitive noise receptors such as schools, hospitals, and residences.
2. Include maps or diagrams of the proposed modifications to existing railways, roadways, and parking facilities.
3. Copies of all agency correspondence particularly with permitting agencies.
4. Representative photographs of the Project area.

**I. PROJECT DESCRIPTION**

<b>Project Sponsor</b> State of Maine Department of Transportation	<b>Date Submitted to FRA</b> 5/28/15	<b>FRA Funding (TIGER, HSIPR, Rail Line Relocation, RRIF, etc.) or other FRA Action</b> TIGER
<b>Contact Person</b> Nathan Moulton	<b>Phone</b>	<b>E-mail address</b> nathan.moulton@maine.gov
<b>Proposed Project Title</b> Maine Regional Railways Project		
<b>Location (Include Street Address, City or Township, County, and State)</b> Bangor-Waterville Maine Central rail corridor		

NEPA Contact	Phone	E-mail Address
<p><b>Description of Proposed Action (Project):</b> Fully describe the Project including specifics that may be of environmental concern such as: <i>widening an embankment to stabilize roadbed; repairing or replacing bridge pier foundations, extending culverts, including adding rip-rap in a waterway; earthwork and altering natural (existing) drainage patterns and creating a new water discharge; contaminated water needing treatment; building a new or adding on to a shop building; fueling or collection of fuel or oil and contaminated water; building or extending a siding; and building or adding on to a yard. Where applicable fully describe the operational characteristics of the facility to be improved by the proposed action and any anticipated operational changes that may result.</i></p> <p>Rail replacement in active rail corridor, crossing replacement at roadways in rail corridor</p>		
<p><b>Purpose and Need of Proposed Action (Project).</b></p> <p>See project application</p>		

**II. NEPA CLASS OF ACTION**

*Please check the category or categories that the Project best fits. If no category applies, contact FRA as an EA or EIS may need to be prepared.*

- Changes in plans for a Project for which an environmental document has been prepared, where the changes would not alter the environmental impacts of the action. *(Describe the full consequences of the changes only in part III)*
- Maintenance of: existing railroad equipment; track and bridge structures; electrification, communication, signaling, or security facilities; stations; maintenance-of-way and maintenance-of-equipment bases; and other existing railroad-related facilities. *("Maintenance" means work, normally provided on a periodic basis, which does not change the existing character of the facility, and may include work characterized by other terms under specific FRA programs)*
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- Operating assistance to a railroad to continue existing service or to increase service to meet demand, where the assistance will not result in a change in the effect on the environment.
- Financial assistance for the construction of minor loading and unloading facilities, provided that proposals are consistent with local zoning, do not involve the acquisition of a significant amount of land, and do not significantly alter the traffic density characteristics of existing rail or highway facilities.
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- Acquisition of existing railroad equipment, track and bridge structures, electrification, communication, signaling or security facilities, stations, maintenance of way and maintenance of equipment bases, and other existing railroad facilities or the right to use such facilities, for the purpose of conducting operations of a nature and at a level of use similar to those presently or previously existing on the subject properties.

- Research, development and/or demonstration of advances in signal, communication and/or train control systems on existing rail lines provided that such research, development and/or demonstrations do not require the acquisition of substantial amounts of right-of-way, and do not substantially alter the traffic density characteristics of the existing rail line.
- Improvements to existing facilities to service, inspect, or maintain rail passenger equipment, *including expansion of existing buildings, the construction of new buildings and outdoor facilities, and the reconfiguration of yard tracks.*
- Alterations to existing facilities, locomotives, stations and rail cars in order to make them accessible for the elderly and persons with disabilities, *such as modifying doorways, adding or modifying lifts, constructing access ramps and railings, modifying restrooms, and constructing accessible platforms.*
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- Acquisition (including purchase or lease), rehabilitation, or maintenance of vehicles or equipment that does not cause a substantial increase in the use of infrastructure within the existing right-of-way or other previously disturbed locations, *including locomotives, passenger coaches, freight cars, trainsets, and construction, maintenance or inspection equipment.*
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- Environmental restoration, remediation and pollution prevention activities in or proximate to existing and former railroad track, infrastructure, stations and facilities conducted in conformance with applicable laws, regulations and permit requirements, *including activities such as noise mitigation, landscaping, natural resource management activities, replacement or improvement to storm water oil/water separators, installation of pollution containment systems, slope stabilization, and contaminated soil removal or remediation activities.*
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**III. PROJECT INFORMATION**

Potential impacts from both construction and changes to operations (where applicable) should be analyzed and identified for each resource type below. Where appropriate, the Project sponsor may commit to mitigation measures to avoid, reduce, or minimize impacts, including the use of Best Management Practices (BMP). Mitigation measures necessary to comply with other laws or regulations (e.g. Clean Water Act Section 404) should also be identified and the impacts from mitigation considered.

**A. Affected Environment:** *Briefly describe the ecosystems and environmental conditions in the area affected by the Project (defined as broadly as necessary to evaluate potential impacts and address Project area habitats).*

The Project entails railroad track and infrastructure improvements within an existing railroad right of way that has been utilized for rail freight service for a number of years.

**B. Location & Land Use:** *Briefly describe the existing land use of the Project site and surrounding properties and resources and identify and discuss any potential inconsistencies the Project might have with local land use plans and policies.*

The Railroad line and infrastructure to be improved as part of the Project is an existing right of way that extends approximately from Waterville, Maine to Northern Maine Junction, Maine. The historical use has always been for rail freight transportation purposes.

**C. Cultural Resources:** *Is the Project of the type where there is no potential to affect historic properties? Check yes or no depending on whether resources have been identified in the immediate vicinity of the Project (Area of Potential Effect)*

Yes, explain how Project has no potential to affect historic properties. (Continue to D)

No, there is potential to affect historic properties. Describe identification procedures to determine the existence of cultural resources in the Project area.

At present, it is expected the Project has no potential to affect historical properties. Additional research will be performed with relevant regulatory agencies to confirm this expectation.

*Describe any resource(s) identified in the project area and then describe any potential effect of the Project on the resource(s).*

*Has consultation with the State Historic Preservation Office occurred?*

No, contact FRA

Yes, describe and attach relevant correspondence

*What resources of interest to Federally-recognized Native American Tribes are known to be present in the Project area?*

None.

**D. Parks and Recreational Facilities:** *Are there any publicly owned park, wildlife and waterfowl refuge, or recreational area of national, state, or local significance within or directly adjacent to*

*the Project area?*

No, include a short statement describe efforts to identify parks and recreational facilities in the Project area.

The Project will be conducted within an existing railroad right of way that does not abut any of the above mentioned areas.

Yes, include a detailed description of the property, including map or drawing, describe the recreational uses of the property, any unique characteristics of the property, any consultations with the entity with legal jurisdiction over the property, and the potential impact on the property.

**E. Transportation:** *Would the Project have any effect (beneficial or adverse) on transportation including but not limited to other railway operations, road traffic, or increase the demand for parking?*

No, explain why the Project would have no effect (beneficial or adverse) on transportation

Yes, describe potential transportation, traffic, and parking impacts, and address capacity constraints and potential impacts to existing railroad and highway operations. Also, summarize any consultation that has occurred with other railroads or highway authorities whose operations this Project will impact.

The Project will result in increased speeds on an existing rail line that will improve transit times for goods moving through Northern Maine. Increased transit times will also reduce congestion on the rail lines further decreasing delays.

**F. Noise and Vibration:** *Are there any sensitive receptors in the Project area?*

No, describe why there are no sensitive receptors (residences, parks, schools, hospitals, public gathering spaces) in or near the Project area. (Continue to G)

Not that we are aware of, but will consult with relevant regulatory agencies to confirm.

Yes, will the Project change the noise and/or vibration exposure of the sensitive receptors when applying the screening distances for noise and vibration assessment found in FRA and Federal Transit Administration's noise impacts assessment guidance manuals? Such changes in exposure might include changes in noise emissions and/or events, or changes in vibration emissions and/or events.

If the Project is anticipated to change the noise or vibration exposure of sensitive receptors, complete and attach a General Noise and/or Vibration Assessment. Describe the results of the Assessment and any mitigation that will address potential impacts.

**G. Air Quality:** *Is the Project located in a Non-Attainment or Maintenance area?*

No, identify any air emissions increases or benefits that the project will create.  
(Continue to H)

We are not aware of any Non-Attainment or Maintenance area within the Project area, but will consult with relevant regulatory agencies to confirm.

Yes, for which of the following pollutants:

- Carbon Monoxide (CO)     Ozone (O<sub>3</sub>), volatile organic compounds or Nitrous Oxides (NO<sub>x</sub>)  
 Particulate Matter (PM<sub>10</sub> and PM<sub>2.5</sub>)

*Will the Project, both during construction and operation, result in new emissions of criteria pollutants including Carbon Monoxide (CO), Ozone (O<sub>3</sub>), volatile organic compounds, or Nitrous Oxides NO<sub>x</sub>, Particulate Matter (PM<sub>10</sub> and PM<sub>2.5</sub>)?*

No     Yes, Attach an emissions analysis for General Conformity regarding CO, O<sub>3</sub>, PM<sub>10</sub>, and NO<sub>x</sub>.

*Based on the emissions analysis, will the Project increase concentrations of ambient criteria pollutants to levels that exceed the NAAQS, lead to the establishment of a new non-attainment area, or delay achievement of attainment?*

No     Yes, Describe any substantial impacts from the Project.

**H. Hazardous Materials:** *Does the Project involve the use or handling of hazardous materials?*

No (continue to I)

Yes, describe the use and measures that will mitigate any potential for release and contamination.

The Project will involve the use of hazardous materials to fuel and operate machinery performing the work, as well as installation of crossties. Best Management Practices will be utilized to minimize the risk of release of these materials into the environment.

**I. Hazardous Waste:** *Is the Project site in a developed area or was previously developed or used for industrial or agricultural production,*

No, describe the steps taken to determine that hazardous materials are not present on the Project site. (Continue to J)

Any hazardous materials on the site are likely the result of historical railroad operations and at levels that are consistent with background use. The Project will not result in disturbance of historical hazardous materials.

Yes. *If yes, is it likely that hazardous materials will be encountered by undertaking the Project? (Prior to acquiring land or a facility with FRA funds, FRA must be consulted regarding the potential presence of hazardous materials)*

Yes, complete a Phase I site assessment and attach.

No, explain why it is unlikely that hazardous materials will be encountered.

*If a Phase I survey was completed, is a Phase II site assessment recommended?*

No, explain why a Phase II site assessment is not recommended.

Yes, describe the mitigation and clean-up measures that will be taken to remediate any hazardous materials present and what steps will be taken to ensure that the local community is protected from contamination during construction and operation of the Project.

**J. Property Acquisition: *Is property acquisition needed for the Project?***

No (continue to K)

Yes, indicate how much property and whether the acquisition will result in relocation of businesses or individuals. **Note:** *acquiring property prior to completing the NEPA process and receiving written FRA concurrence in the NEPA recommendation may jeopardize Federal financial participation in the Project.*

**K. Community Impacts and Environmental Justice: *Is the Project likely to result in impacts to adjacent communities? Impacts might be both beneficial (e.g. economic benefits) or adverse (e.g. reduction in community cohesion).***

No, describe the steps taken to determine whether the Project might result in impacts to adjacent communities. (Continue to L)

The Project is limited to an existing railroad right of way.

Yes, characterize the socio-economic profile of the affected community, including the presence of minority or low-income populations.

Describe any potential adverse effects to communities, including noise, visual and barrier effects. Indicate whether the Project will have a disproportionately high and adverse effect on minority or low-income populations. Describe outreach efforts targeted specifically at minority or low-income populations.

**L. Impacts On Wetlands: *Does the Project temporarily or permanently impact wetlands or require alterations to streams or waterways?***

No, describe the steps taken to determine that the Project is not likely to temporarily or permanently impact wetlands or require alterations to streams or waterways.

The Project will be performed within an existing railroad right of way and will not require expansion beyond the corridor that may impact wetlands or alter streams or waterways.

Yes, show wetlands and waters on the site map and classification. Describe the Project's potential impact to on-site and adjacent wetlands and waters and attach any correspondence with the US Army Corps of Engineers.

*Is a Section 404 Permit necessary?*

Yes, attach all permit related documentation

No

**M. Floodplain Impacts:** *Is the Project located within the 100-year floodplain or are regulated floodways affected?*

No (continue to N)

Yes, describe the potential for impacts due to changes in floodplain capacity or water flow, if any and how the Project will comply with Executive Order 11988. If impacts are likely, attach scale maps describing potential impacts and describe any coordination with regulatory entities.

**N. Water Quality:** *Are protected waters of special quality or concern, or protected drinking water resources present at or directly adjacent to the Project site?*

No, describe the steps taken to identify *protected waters of special quality or concern, or protected drinking water resources present at or directly adjacent to the Project site.*

We are not aware of protected waters at or directly adjacent to the Project site, but will consult with relevant regulatory agencies to confirm.

Yes, describe water resource and the potential for impact from the Project, and any coordination with regulatory entities.

**O. Navigable Waterways:** *Does the Project cross or have effect on a navigable waterway?*

No (continue to P)

Yes, describe potential for impact and any coordination with US Coast Guard.

The Project is within an existing railroad right of way that crosses navigable waterways today. No part of the Project will impact those navigable waterways.

**P. Coastal Zones:** *Is the Project in a designated coastal zone?*

No (continue to Q)

Yes, describe coordination with the State regarding consistency with the coastal zone management plan and attach the State finding if available.

**Q. Prime and Unique Farmlands:** *Does the Project impact any prime or unique farmlands?*

No, describe the steps taken to identify *impacts to prime or unique farmlands.*

Yes, describe potential for impact and any coordination with the Soil Conservation Service of the US Department of Agriculture.

**R. Critical Habitat and Endangered Species:** *Are there any designated critical habitat areas (woodlands, prairies, wetlands, rivers, lakes, streams, and geological formations determined to be essential for the survival of a threatened or endangered species) within or directly adjacent to the Project site?*

No, describe the steps taken to identify critical habitat within or directly adjacent to the Project site.

We are not aware of any designated critical habitat areas within or directly adjacent to the Project site, but will consult with relevant regulatory agencies to confirm.

Yes, describe them and the potential for impact.

*Are any Threatened or endangered species located in or adjacent to the site?*

No, describe the steps taken to identify the presence of endangered species directly adjacent to the Project site.

We are not aware of any Threatened or endangered species located in or adjacent to the site, but will consult with relevant regulatory agencies to confirm.

Yes, describe them and the potential for impact. Describe any consultation with the State and the US Fish and Wildlife Service about the impacts to these natural areas and on threatened and endangered fauna and flora that may be affected. If required prepare a biological assessment and attach it and any applicable agency correspondence.

**S. Public Safety:** *Will the Project result in any public safety impacts?*

No, describe method used to determine whether the Project results in any safety or security impacts

The Project will be conducted within an existing railroad right of way and public access is restricted.

Yes, describe the safety or security concerns and the measures that would need to be taken to provide for the safe and secure operation of the Project during and after its construction.

**T. Cumulative Impacts:** A "cumulative impact" is the impact on the environment that results from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency (Federal or non-Federal) or person undertakes such other actions. Cumulative impacts may include ecological (such as the effects on natural resources and on the components, structures, and functioning of affected ecosystems), aesthetic, historic, cultural, economic, social, or health, whether direct, indirect, or resulting from smaller actions that individually have no significant impact. Determining the cumulative environmental consequences of an action requires delineating the cause-and-effect relationships between the multiple actions and the resources, ecosystems, and human communities of concern.

*Are cumulative impacts likely?*  No  Yes, describe the impacts:

FRA Categorical Exclusion Worksheet

Cumulative Impacts are not expected as the Project will result in improved transit times and additional freight traffic on an existing right of way.

- U. Indirect Impacts:** "Indirect impacts" are those that are caused by the action and are later in time or farther removed in distance, but are still reasonably foreseeable. Indirect impacts may include growth inducing effects and other effects related to induced changes in the pattern of land use, population density or growth rate, and related effects on air and water and other natural systems, including ecosystems.

Are Indirect impacts likely?  No  Yes, describe the impacts:

We do not believe that Indirect Impacts are likely because the Project will be conducted in an existing railroad right of way and will only result in increased transit times and freight traffic within the right of way.

- V. Commitments:** List all measures, procedures and practices that have been incorporated into the Project avoid and minimize impacts, if any, as identified in the above sections of this worksheet.

The Project will be limited to existing railroad right of way, and best management practices will be followed to minimize impacts.

- W. Public Notification:** Briefly describe any public outreach efforts undertaken on behalf of the Project, if any. Indicate opportunities the public has had to comment on the Project (e.g., Board meetings, open houses, special hearings).

We have not performed public outreach for the Project, assuming that this aspect will be addressed by the State of Maine, Department of Transportation

*Has the Project generated any public discussion or concern, even though it may be limited to a relatively small subset of the community? Indicate any concerns expressed by agencies or the public regarding the Project.*

Not that we are aware of.

- X. Related Federal, State, or Local Actions:** Does the Project require any additional actions (e.g., permits) by other Agencies? Attach copies of relevant correspondence. It is not necessary to attach voluminous permit applications if a single cover Agency transmittal will indicate that a permit has been granted. Permitting issues should be described in the relevant resource discussion above.

- Section 106 Historic Properties**
- Section 401/404 of the Clean Water Act; Wetlands and Water Quality**
- Section 402 of the Clean Water Act**
- USCG 404 Navigable Waterways**
- Migratory Bird Treaty Act**
- Endangered Species Act Threatened and Endangered Biological Resources**
- Magnuson-Stevens Fishery Conservation and Management Act Essential Fish Habitat**
- Safe Drinking Water Act**

**Section 6(f) Land and Conservation Act**

**Other State or Local Requirements** (Describe)

We are not aware of any permits that may be required for the Project, but will consult with relevant regulatory agencies to confirm.



FRA Categorical Exclusion Worksheet

Expiration 07/31/2015

OMB No. 2130-0548

Public reporting burden for this information collection is estimated to average 176 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. According to the Paperwork Reduction Act of 1995, a federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. The valid OMB control number for this information collection is 2130-0548. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection, including suggestions for reducing this burden to: Information Collection Officer, Federal Railroad Administration, 1200 New Jersey Ave., N.W., Washington D.C. 20590.

**Federal Railroad Administration (FRA)  
CATEGORICAL EXCLUSION WORKSHEET**

The purpose of this worksheet is to assist Project sponsors in gathering and organizing materials for environmental analysis required under the National Environmental Policy Act (NEPA), particularly for projects that may qualify as Categorical Exclusions. Categorical Exclusions are categories of actions (i.e. types of projects) that the FRA has determined, based on its experience, typically do not individually or cumulatively have a significant effect on the human environment and which generally do not require the preparation of either an environmental impact statement (EIS) or an environmental assessment (EA). Decisions to prepare EAs and EISs are made by FRA.

*Submission of the worksheet by itself does not meet NEPA requirements. FRA must concur in writing with the Categorical Exclusion recommendation for NEPA requirements to be met.*

The Project sponsor is responsible for providing FRA with a sufficient level of documentation and analysis to help inform FRA's determination that a Categorical Exclusion is the appropriate NEPA class of action. Documentation and analysis may include background research, results of record searches, field investigations, field surveys, and any past planning or studies.

Instructions for completing this worksheet are available on the FRA website at: <http://www.fra.dot.gov/eLib/Details/L02708>. Please complete this worksheet using compatible word processing software and submit and transmit the completed form in MS Word electronic format.

*The following documents must be submitted along with this worksheet:*

1. Include maps or diagram of the Project area that identifies locations of critical resource areas, wetlands, potential historic sites, or sensitive noise receptors such as schools, hospitals, and residences.
2. Include maps or diagrams of the proposed modifications to existing railways, roadways, and parking facilities.
3. Copies of all agency correspondence particularly with permitting agencies.
4. Representative photographs of the Project area.

**I. PROJECT DESCRIPTION**

<b>Project Sponsor</b>	<b>Date Submitted to FRA</b>	<b>FRA Funding (TIGER, HSIPR, Rail Line Relocation, RRIF, etc.) or other FRA Action</b>
<b>Contact Person</b>	<b>Phone</b>	<b>E-mail address</b>
<b>Proposed Project Title</b>		
<b>Location (Include Street Address, City or Township, County, and State)</b>		

NEPA Contact	Phone	E-mail Address
<p><b>Description of Proposed Action (Project):</b> Fully describe the Project including specifics that may be of environmental concern such as: <i>widening an embankment to stabilize roadbed; repairing or replacing bridge pier foundations, extending culverts, including adding rip-rap in a waterway; earthwork and altering natural (existing) drainage patterns and creating a new water discharge; contaminated water needing treatment; building a new or adding on to a shop building; fueling or collection of fuel or oil and contaminated water; building or extending a siding; and building or adding on to a yard. Where applicable fully describe the operational characteristics of the facility to be improved by the proposed action and any anticipated operational changes that may result.</i></p>		
<p><b>Purpose and Need of Proposed Action (Project).</b></p>		

**II. NEPA CLASS OF ACTION**

*Please check the category or categories that the Project best fits. If no category applies, contact FRA as an EA or EIS may need to be prepared.*

- Changes in plans for a Project for which an environmental document has been prepared, where the changes would not alter the environmental impacts of the action. *(Describe the full consequences of the changes only in part III)*
- Maintenance of: existing railroad equipment; track and bridge structures; electrification, communication, signaling, or security facilities; stations; maintenance-of-way and maintenance-of-equipment bases; and other existing railroad-related facilities. *("Maintenance" means work, normally provided on a periodic basis, which does not change the existing character of the facility, and may include work characterized by other terms under specific FRA programs)*
- Temporary replacement of an essential rail facility if repairs are commenced immediately after the occurrence of a natural disaster or catastrophic failure.
- Operating assistance to a railroad to continue existing service or to increase service to meet demand, where the assistance will not result in a change in the effect on the environment.
- Financial assistance for the construction of minor loading and unloading facilities, provided that proposals are consistent with local zoning, do not involve the acquisition of a significant amount of land, and do not significantly alter the traffic density characteristics of existing rail or highway facilities.
- Minor rail line additions *including construction of side tracks, passing tracks, crossovers, short connections between existing rail lines, and new tracks within existing rail yards*, provided that such additions are consistent with existing zoning, do not involve acquisition of a significant amount of right of way, and do not substantially alter the traffic density characteristics of the existing rail lines or rail facilities.
- Acquisition of existing railroad equipment, track and bridge structures, electrification, communication, signaling or security facilities, stations, maintenance of way and maintenance of equipment bases, and other existing railroad facilities or the right to use such facilities, for the purpose of conducting operations of a nature and at a level of use similar to those presently or previously existing on the subject properties.
- Research, development and/or demonstration of advances in signal, communication and/or train control systems on existing rail lines provided that such research, development and/or

demonstrations do not require the acquisition of substantial amounts of right-of-way, and do not substantially alter the traffic density characteristics of the existing rail line.

- Improvements to existing facilities to service, inspect, or maintain rail passenger equipment, *including expansion of existing buildings, the construction of new buildings and outdoor facilities, and the reconfiguration of yard tracks.*
- Alterations to existing facilities, locomotives, stations and rail cars in order to make them accessible for the elderly and persons with disabilities, *such as modifying doorways, adding or modifying lifts, constructing access ramps and railings, modifying restrooms, and constructing accessible platforms.*
- Bridge rehabilitation, reconstruction or replacement, the rehabilitation or maintenance of the rail elements of docks or piers for the purposes of intermodal transfers, and the construction of bridges, culverts, or grade separation projects, predominantly within existing right-of-way, that do not involve extensive in-water construction activities, *such as projects replacing bridge components including stringers, caps, piles, or decks, the construction of roadway overpasses to replace at-grade crossings, construction or reconstruction of approaches and/or embankments to bridges, or construction or replacement of short span bridges.*
- Acquisition (including purchase or lease), rehabilitation, or maintenance of vehicles or equipment that does not cause a substantial increase in the use of infrastructure within the existing right-of-way or other previously disturbed locations, *including locomotives, passenger coaches, freight cars, trainsets, and construction, maintenance or inspection equipment.*
- Installation, repair and replacement of equipment and small structures designed to promote transportation safety, security, accessibility, communication or operational efficiency that take place predominantly within the existing right-of-way and do not result in a major change in traffic density on the existing rail line or facility, *such as the installation, repair or replacement of surface treatments or pavement markings, small passenger shelters, passenger amenities, benches, signage, sidewalks or trails, equipment enclosures, and fencing, railroad warning devices, train control systems, signalization, electric traction equipment and structures, electronics, photonics, and communications systems and equipment, equipment mounts, towers and structures, information processing equipment, and security equipment, including surveillance and detection cameras.*
- Environmental restoration, remediation and pollution prevention activities in or proximate to existing and former railroad track, infrastructure, stations and facilities conducted in conformance with applicable laws, regulations and permit requirements, *including activities such as noise mitigation, landscaping, natural resource management activities, replacement or improvement to storm water oil/water separators, installation of pollution containment systems, slope stabilization, and contaminated soil removal or remediation activities.*
- Assembly or construction of facilities or stations that are consistent with existing land use and zoning requirements, do not result in a major change in traffic density on existing rail or highway facilities and result in approximately less than ten acres of surface disturbance, *such as storage and maintenance facilities, freight or passenger loading and unloading facilities or stations, parking facilities, passenger platforms, canopies, shelters, pedestrian overpasses or underpasses, paving, or landscaping.*
- Track and track structure maintenance and improvements when carried out predominantly within the existing right-of-way that do not cause a substantial increase in rail traffic beyond existing or historic levels, *such as stabilizing embankments, installing or reinstalling track, re-grading, replacing rail, ties, slabs and ballast, installing, maintaining, or restoring drainage ditches, cleaning ballast, constructing minor curve realignments, improving or replacing interlockings, and the installation or maintenance of ancillary equipment.*

**III. PROJECT INFORMATION**

Potential impacts from both construction and changes to operations (where applicable) should be analyzed and identified for each resource type below. Where appropriate, the Project

sponsor may commit to mitigation measures to avoid, reduce, or minimize impacts, including the use of Best Management Practices (BMP). Mitigation measures necessary to comply with other laws or regulations (e.g. Clean Water Act Section 404) should also be identified and the impacts from mitigation considered.

- A. Affected Environment:** *Briefly describe the ecosystems and environmental conditions in the area affected by the Project (defined as broadly as necessary to evaluate potential impacts and address Project area habitats).*

Several crossings within the project area will be rehabilitated to promote the safe passage of road traffic over rail crossings.

- B. Location & Land Use:** *Briefly describe the existing land use of the Project site and surrounding properties and resources and identify and discuss any potential inconsistencies the Project might have with local land use plans and policies.*

All maintenance activities will be completed within the Railways right of way

- C. Cultural Resources:** *Is the Project of the type where there is no potential to affect historic properties? Check yes or no depending on whether resources have been identified in the immediate vicinity of the Project (Area of Potential Effect)*

*Yes, explain how Project has no potential to affect historic properties. (Continue to D)*

All maintenance activities will be completed within the Railways right of way

*No, there is potential to affect historic properties. Describe identification procedures to determine the existence of cultural resources in the Project area.*

*Describe any resource(s) identified in the project area and then describe any potential effect of the Project on the resource(s).*

*Has consultation with the State Historic Preservation Office occurred?*

*No, contact FRA*

*Yes, describe and attach relevant correspondence*

*What resources of interest to Federally-recognized Native American Tribes are known to be present in the Project area?*

- D. Parks and Recreational Facilities:** *Are there any publicly owned park, wildlife and waterfowl refuge, or recreational area of national, state, or local significance within or directly adjacent to the Project area?*

*No, include a short statement describe efforts to identify parks and recreational facilities in the Project area.*

Yes, include a detailed description of the property, including map or drawing, describe the recreational uses of the property, any unique characteristics of the property, any consultations with the entity with legal jurisdiction over the property, and the potential impact on the property.

**E. Transportation:** *Would the Project have any effect (beneficial or adverse) on transportation including but not limited to other railway operations, road traffic, or increase the demand for parking?*

No, explain why the Project would have no effect (beneficial or adverse) on transportation

Yes, describe potential transportation, traffic, and parking impacts, and address capacity constraints and potential impacts to existing railroad and highway operations. Also, summarize any consultation that has occurred with other railroads or highway authorities whose operations this Project will impact.

Several Crossings within the project area will be rehabilitated to promote the safe passage of road traffic over rail crossings. Also the overall objective of this project is to promote the overall safety of operation and movement of rail freight throughout the state of Maine

**F. Noise and Vibration:** *Are there any sensitive receptors in the Project area?*

No, describe why there are no sensitive receptors (residences, parks, schools, hospitals, public gathering spaces) in or near the Project area. (Continue to G)

Yes, will the Project change the noise and/or vibration exposure of the sensitive receptors when applying the screening distances for noise and vibration assessment found in FRA and Federal Transit Administration's noise impacts assessment guidance manuals? Such changes in exposure might include changes in noise emissions and/or events, or changes in vibration emissions and/or events.

If the Project is anticipated to change the noise or vibration exposure of sensitive receptors, complete and attach a General Noise and/or Vibration Assessment. Describe the results of the Assessment and any mitigation that will address potential impacts.

**G. Air Quality:** *Is the Project located in a Non-Attainment or Maintenance area?*

No, identify any air emissions increases or benefits that the project will create.  
(Continue to H)

Yes, for which of the following pollutants:

- Carbon Monoxide (CO)     Ozone (O<sub>3</sub>), volatile organic compounds or Nitrous Oxides (NO<sub>x</sub>)  
 Particulate Matter (PM<sub>10</sub> and PM<sub>2.5</sub>)

*Will the Project, both during construction and operation, result in new emissions of criteria pollutants including Carbon Monoxide (CO), Ozone (O<sub>3</sub>), volatile organic compounds, or Nitrous Oxides NO<sub>x</sub>, Particulate Matter (PM<sub>10</sub> and PM<sub>2.5</sub>)?*

No     Yes, Attach an emissions analysis for General Conformity regarding CO, O<sub>3</sub>, PM<sub>10</sub>, and NO<sub>x</sub>.

*Based on the emissions analysis, will the Project increase concentrations of ambient criteria pollutants to levels that exceed the NAAQS, lead to the establishment of a new non-attainment area, or delay achievement of attainment?*

No     Yes, Describe any substantial impacts from the Project.

**H. Hazardous Materials:** *Does the Project involve the use or handling of hazardous materials?*

No (continue to I)

Yes, describe the use and measures that will mitigate any potential for release and contamination.

**I. Hazardous Waste:** *Is the Project site in a developed area or was previously developed or used for industrial or agricultural production,*

No, describe the steps taken to determine that hazardous materials are not present on the Project site. (Continue to J)

Yes. *If yes, is it likely that hazardous materials will be encountered by undertaking the Project? (Prior to acquiring land or a facility with FRA funds, FRA must be consulted regarding the potential presence of hazardous materials)*

Yes, complete a Phase I site assessment and attach.

No, explain why it is unlikely that hazardous materials will be encountered.

*If a Phase I survey was completed, is a Phase II site assessment recommended?*

No, explain why a Phase II site assessment is not recommended.

Yes, describe the mitigation and clean-up measures that will be taken to remediate any hazardous materials present and what steps will be taken to ensure that the local community is protected from contamination during construction and operation of the Project.

**J. Property Acquisition:** *Is property acquisition needed for the Project?*

No (continue to K)

Yes, indicate how much property and whether the acquisition will result in relocation of businesses or individuals. **Note:** *acquiring property prior to completing the NEPA process and receiving written FRA concurrence in the NEPA recommendation may jeopardize Federal financial participation in the Project.*

**K. Community Impacts and Environmental Justice:** *Is the Project likely to result in impacts to adjacent communities? Impacts might be both beneficial (e.g. economic benefits) or adverse (e.g. reduction in community cohesion).*

No, describe the steps taken to determine whether the Project might result in impacts to adjacent communities. (Continue to L)

Yes, characterize the socio-economic profile of the affected community, including the presence of minority or low-income populations.

The workforce utilized to execute the work covered under this Project will be pulled primarily from local residents.

Describe any potential adverse effects to communities, including noise, visual and barrier effects. Indicate whether the Project will have a disproportionately high and adverse effect on minority or low-income populations. Describe outreach efforts targeted specifically at minority or low-income populations.

**L. Impacts On Wetlands:** *Does the Project temporarily or permanently impact wetlands or require alterations to streams or waterways?*

No, describe the steps taken to determine that the Project is not likely to temporarily or permanently impact wetlands or require alterations to streams or waterways.

Yes, show wetlands and waters on the site map and classification. Describe the Project's potential impact to on-site and adjacent wetlands and waters and attach any correspondence with the US Army Corps of Engineers.

*Is a Section 404 Permit necessary?*

Yes, attach all permit related documentation

No

**M. Floodplain Impacts:** *Is the Project located within the 100-year floodplain or are regulated floodways affected?*

No (continue to N)

Yes, describe the potential for impacts due to changes in floodplain capacity or water flow, if any and how the Project will comply with Executive Order 11988. If impacts are likely, attach scale maps describing potential impacts and describe any coordination with regulatory entities.

**N. Water Quality:** *Are protected waters of special quality or concern, or protected drinking water resources present at or directly adjacent to the Project site?*

No, describe the steps taken to identify *protected waters of special quality or concern, or protected drinking water resources present at or directly adjacent to the Project site.*

Yes, describe water resource and the potential for impact from the Project, and any coordination with regulatory entities.

**O. Navigable Waterways:** *Does the Project cross or have effect on a navigable waterway?*

No (continue to P)

Yes, describe potential for impact and any coordination with US Coast Guard.

**P. Coastal Zones:** *Is the Project in a designated coastal zone?*

No (continue to Q)

Yes, describe coordination with the State regarding consistency with the coastal zone management plan and attach the State finding if available.

**Q. Prime and Unique Farmlands:** *Does the Project impact any prime or unique farmlands?*

No, describe the steps taken to identify *impacts to prime or unique farmlands.*

Yes, describe potential for impact and any coordination with the Soil Conservation Service of the US Department of Agriculture.

**R. Critical Habitat and Endangered Species:** *Are there any designated critical habitat areas (woodlands, prairies, wetlands, rivers, lakes, streams, and geological formations determined to be essential for the survival of a threatened or endangered species) within or directly adjacent to the Project site?*

No, describe the steps taken to identify critical habitat within or directly adjacent to the Project site.

Yes, describe them and the potential for impact.

*Are any Threatened or endangered species located in or adjacent to the site?*

No, describe the steps taken to identify the presence of endangered species directly adjacent to the Project site.

Yes, describe them and the potential for impact. Describe any consultation with the State and the US Fish and Wildlife Service about the impacts to these natural areas and on threatened and endangered fauna and flora that may be affected. If required prepare a biological assessment and attach it and any applicable agency correspondence.

**S. Public Safety:** *Will the Project result in any public safety impacts?*

No, describe method used to determine whether the Project results in any safety or security impacts

Yes, describe the safety or security concerns and the measures that would need to be taken to provide for the safe and secure operation of the Project during and after its construction.

**T. Cumulative Impacts:** A "cumulative impact" is the impact on the environment that results from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency (Federal or non-Federal) or person undertakes such other actions. Cumulative impacts may include ecological (such as the effects on natural resources and on the components, structures, and functioning of affected ecosystems), aesthetic, historic, cultural, economic, social, or health, whether direct, indirect, or resulting from smaller actions that individually have no significant impact. Determining the cumulative environmental consequences of an action requires delineating the cause-and-effect relationships between the multiple actions and the resources, ecosystems, and human communities of concern.

*Are cumulative impacts likely?*  No  Yes, describe the impacts:

**U. Indirect Impacts:** "Indirect impacts" are those that are caused by the action and are later in time or farther removed in distance, but are still reasonably foreseeable. Indirect impacts may include growth inducing effects and other effects related to induced changes in the pattern of land use, population density or growth rate, and related effects on air and water and other natural systems, including ecosystems.

*Are Indirect impacts likely?*  No  Yes, describe the impacts:

**V. Commitments:** List all measures, procedures and practices that have been incorporated into the Project avoid and minimize impacts, if any, as identified in the above sections of this worksheet.

**W. Public Notification:** *Briefly describe any public outreach efforts undertaken on behalf of the Project, if any. Indicate opportunities the public has had to comment on the Project (e.g., Board meetings, open houses, special hearings).*

Meetings will be arranged with all applicable municipalities to discuss the benefits of the Project relative to rail safety and to discuss any of their concerns relative to the execution and result of the over porject also

*Has the Project generated any public discussion or concern, even though it may be limited to a relatively small subset of the community? Indicate any concerns expressed by agencies or the public regarding the Project.*

**X. Related Federal, State, or Local Actions:** *Does the Project require any additional actions (e.g., permits) by other Agencies? Attach copies of relevant correspondence. It is not necessary to attach voluminous permit applications if a single cover Agency transmittal will indicate that a permit has been granted. Permitting issues should be described in the relevant resource discussion above.*

- Section 106** *Historic Properties*
- Section 401/404 of the Clean Water Act;** *Wetlands and Water Quality*
- Section 402 of the Clean Water Act**
- USCG 404** *Navigable Waterways*
- Migratory Bird Treaty Act**
- Endangered Species Act** *Threatened and Endangered Biological Resources*
- Magnuson-Stevens Fishery Conservation and Management Act** *Essential Fish Habitat*
- Safe Drinking Water Act**
- Section 6(f) Land and Conservation Act**
- Other State or Local Requirements** (Describe)

