

**DOE-ID NEPA CX DETERMINATION
Idaho National Laboratory**

SECTION A. Project Title: IRC IF-663 to IF-627 Gravel Road Paving

SECTION B. Project Description and Purpose:

There is a gravel road located between IF-663 and IF-627 on the SW corner of the IRC Complex that is used frequently and has become rough and uneven and needs to be resurfaced to allow for better access to those buildings. The proposed project would rework the roadway to a proper slope and grade by creating a road base of compacted pit run gravel, geotextile fabric, geogrid, 3/4" gravel followed by paving the road with plant mix asphalt. This would take place for the entire length of the road (approximately 520 feet).

Estimated Start Date: July, 2021

Estimated End Date: August, 2021

Approximate Cost: \$84,000

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

Fugitive dust would be generated while disturbing soil during construction. The resulting paved road would eliminate airborne dust that is currently generated while traveling on the gravel road.

Discharging to Surface-, Storm-, or Ground Water

The IRC is located in an area that has potential to discharge to waters of the U.S. The total square footage that will be disturbed during construction will be less than 1 acre and thus the project would not require a Storm Water Pollution Prevention Plan (SWPPP). Permitting authority for storm water permits will transfer to DEQ from EPA on July 1, 2021.

Disturbing Cultural or Biological Resources

Nesting birds such as killdeer may be in the vicinity of the project. A nesting bird survey will be required prior to starting soil disturbing activities.

Generating and Managing Waste

Standard non-hazardous construction waste such as soil/gravel, geotextile fabric scrap, geogrid scrap, packaging material and RCRA empty marking paint cans may be generated while constructing the road.

Releasing Contaminants

Typical construction chemicals such as fuels, lubricants, other vehicle fluids, marking paint and striping paint may be used during the project.

Using, Reusing, and Conserving Natural Resources

Scrap metal and other recyclables will be separated when practicable.

SECTION D. Determine Recommended Level of Environmental Review, Identify Reference(s), and State Justification: Identify the applicable categorical exclusion from 10 Code of Federal Regulation (CFR) 1021, Appendix B, give the appropriate justification, and the approval date.

For Categorical Exclusions (CXs), the proposed action must not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environmental, safety, and health, or similar requirements of Department of Energy (DOE) or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment or facilities; (3) disturb hazardous substances, pollutants, contaminants, or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources (see 10 CFR 1021). In addition, no extraordinary circumstances related to the proposal exist that would affect the significance of the action. In addition, the action is not "connected" to other action actions (40 CFR 1508.25(a)(1)) and is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1608.27(b)(7)).

References:

10 CFR 1021, Appendix B to subpart D, items B1.13, "Pathways, short access roads, and rail lines."

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Justification:

The proposed road upgrade activities are consistent with CX B1.13: Construction, acquisition, and relocation, consistent with applicable right-of-way conditions and approved land use or transportation improvement plans, of pedestrian walkways and trails, bicycle paths, small outdoor fitness areas, and short access roads and rail lines (such as branch and spur lines).

Is the project funded by the American Recovery and Reinvestment Act of 2009 (Recovery Act) Yes No

Approved by Jason Anderson, DOE-ID NEPA Compliance Officer on: 6/22/2021