

DOE-ID NEPA CX DETERMINATION

Idaho National Laboratory

SECTION A. Project Title: Test Reactor Area (TRA)-680 Road Widening

SECTION B. Project Description:

The purpose and need for the proposed action is to widen the gravel interior perimeter road within the Advanced Test Reactor (ATR) Complex at a location near TRA-680 to provide room for vehicles to pass (see Figure 1). The proposed action would widen the road near TRA-680 by placing fill material in an area approximately 16 ft. by 40 ft. Fill material would be obtained from the Monroe Gravel Pit on the Idaho National Laboratory (INL) Site.



Figure 1. Interior perimeter road near TRA-680 proposed for widening.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions - Fugitive dust may be generated while widening the road. All reasonable precautions would be taken to prevent particulate from becoming airborne. If dust control methods are required, the method used must be recorded in the project records and would be used to demonstrate compliance with the INL Title V Air Permit.

Disturbing Cultural or Biological Resources - Cultural and Biological resources are not expected to be encountered during this activity. If objects of potential archaeological or historical significance (e.g., arrowheads, flints, bones, etc.) are encountered, the project would discontinue disturbance in the area and contact the Cultural Resources Office [Brenda Pace (6-0916), Hollie Gilbert (6-2189), Julie Williams (6-0926)]. Biological/Ecological survey would be required if disturbing (removing or mowing) the sagebrush near the edge of the road (Contact Jackie Hafila with Gonzales-Stoller Surveillance [525-9358]).

Generating and Managing Waste - Project activities are expected to generate only minor amounts of uncontaminated industrial waste. The small amount of waste that may be generated could include uncontaminated garbage such as plastic water bottles or other miscellaneous waste. All waste would be disposed of in appropriate recycling containers at INL facilities or in the INL Landfill Complex through Waste Generator Services (WGS). Project personnel would incorporate waste minimization measures by using reusable materials where practical.

Releasing Contaminants - Typical construction chemicals such as fuels and vehicle lubricants would be used during the project. A chemical inventory list with associated material safety data sheets (MSDS) would be submitted by the subcontractor and approved by

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Battelle Energy Alliance, LLC (BEA) in the vendor data system. The Construction Chemical Coordinator would enter these chemicals into the Comply Plus system for tracking purposes. All spills would be reported to the Construction Field Representative and to the Spill Notification Team.

Using, Reusing, and Conserving Natural Resources - Materials will be reused and/or recycled where economically practicable. Applicable waste will be diverted from disposal in the landfill where conditions allow. The project will practice sustainable acquisition, as appropriate and practicable, by procuring construction materials that are bio-based in content, environmentally preferable, have recycled content, or are non-toxic or less toxic alternatives.

SECTION D. Determine the Recommended Level of Environmental Review (or Documentation) and Reference(s): Identify the applicable categorical exclusion from 10 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 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 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 which would affect the significance of the action, and the action is not "connected" nor "related" (40 CFR 1508.25(a)(1) and (2), respectively) to other actions with potentially or cumulatively significant impacts.

References: 10 CFR 1021, Appendix B to Subpart D item B1.32 "Traffic flow adjustments"

Justification: The proposed action is consistent with 10 CFR 1021 Subpart D, item B1.32, "Traffic flow adjustments to existing roads (including, but not limited to, stop sign or traffic light installation, adjusting direction of traffic flow, and adding turning lanes) and road adjustments (including, but not limited to, widening and realignment) that are within an existing right-of-way and consistent with approved land use or transportation improvement plans."

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

Approved by Jack Depperschmidt, DOE-ID NEPA Compliance Officer on: 9/23/2013