U.S. Department of Energy
Categorical Exclusion Determination Form

Submit by E-mail

Proposed Action Title: Pantex Road Refurbishment

Program or Field Office: NNSA Production Office (Pantex)

Location(s) (City/County/State): Amarillo, Caron, Texas

Proposed Action Description:

The Pantex Plant has approximately 57 miles of paved road, and 280,000 square yards of parking lot area supporting the site, all of which are in need of replacement/repair. The replacement/repair will involve 24-foot wide or greater collectors, around buildings and all parking lots by mill and fill, and resurface 18-foot wide or greater local streets by overlay. The project will implement proper erosion control measures to manage storm water runoff off of exposed milled asphalt by staking straw wattles in drainage ditches as needed using biodegradable stakes. Recycle the milled asphalt pavement by transporting the millings to a central batch or drum plant for processing and in order to produce recycled asphalt mixes that meet Texas Dept. Of Transportation Reclaimed Asphalt Pavement (RAP) specifications. Recycle the milled asphalt pavement and direct place of RAP mixes meeting requirements using a cold-planning machine, a screening and crushing unit, a mixing device, and conventional lay-down and rolling equipment. A box culvert will be replaced on Pantex Drive south of Playa No. 1, and install 6-12 riprap aggregate to buttress the eroded areas on all four (4) corners of the box culvert and extending placement of riprap approximately 25 feet on either bank south of the crossing.

Categorical Exclusion(s) Applied:

B1.3 - Routine maintenance

For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of 10 CFR Part 1021.

Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

☑ The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D.

To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, 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 facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

☑ There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

☑ The proposal has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

Based on my review of the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), I have determined that the proposed action fits within the specified class(es) of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

NEPA Compliance Officer: Jack Zanger Digitally signed by Jack Zanger Date: 2019.05.17 08:44:42 -05'00' Date Determined: 05/17/2019

(This form will be locked for editing upon signature)