



Categorical Exclusion Form

Project: Re-pave Denali Park Road, MP 0-3.4

PEPC Project Number: 70329

Description of Action (Project Description):

The proposed project would entail pulverizing the current asphalt in place to a depth of 6 inches. This pulverized pavement would be mixed with a stabilizing agent and compacted to provide a base layer for the new pavement surface. A 4" layer of asphalt concrete would be placed on top of this stabilized surface to provide the final driving surface; this would result in a 3" rise (in the surface of the road above the existing grade). Pulverizing, compacting, and leaving in place the deteriorating pavement would extend the service life of the new pavement beyond what it would be if the old pavement was removed. As designed the pavement would have a 20-year service life.

Several sections of road that have experienced extreme deterioration would require excavation of the sub-pavement roadway aggregate to install a geotextile which would increase the soil stabilization and ground support of the road bed. Excavation would range in depth from 12" to 36." The stabilizing geotextile would be placed horizontally across the road bed from the existing ground surface vertically every 6" to stabilize the road and prevent future damage.

No structural changes to existing pullouts are proposed for the project; currently paved pullouts would be repaved and existing gravel pullouts would remain gravel with their surface raised to meet that of the repaved road. Any replacement of culverts would be in-kind replacements, using culverts of the same diameter. At this time, the need for additional culverts is not anticipated.

Two permanent inductive loop traffic counters would be installed in the road surface near the post office.

At the roundabout, the pedestrian walkway currently located at the center of the traffic circle would be removed and replaced with pavement, resulting in a wider traffic lane, easing the turn for large vehicles and eliminated a sidewalk that connects with no other pedestrian facilities.

The footprint of the road would remain essentially the same as current conditions, with some modifications where the road is currently too wide or too narrow. The road will be brought to a consistent 24 foot width (with some variance to the 24 feet at corners and intersections). To account for the 2" rise in surface in some locations, additional gravel would be added to the shoulder, resulting in a negligible increase in the grade of the shoulders.

Construction is expected to begin in 2019 and continue through 2020. Contract language and project planning with ensure visitor and bus access, administrative access, and emergency access through construction zones.

30% plans will be posted as soon as provided by FHWA (expected March 2017)

70% drawings to be added once available from Federal Highways (expected ~April 2017).

Project Locations:

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Location

County: Denali Borough

State: AK

Mitigation(s):

- No mitigations identified.

CE Citation: C.9 Repair, resurfacing, striping, installation of traffic control devices, repair/replacement of guardrails, etc., on existing roads.

CE Justification:

Decision: I find that the action fits within the categorical exclusion above. Therefore, I am categorically excluding the described project from further NEPA analysis. No extraordinary circumstances apply.

Signature

Superintendent:

Denise Swanke
Don Striker

Date:

27 Feb 2017

Extraordinary Circumstances:

If implemented, would the proposal...	Yes/No	Notes
A. Have significant impacts on public health or safety?	No	
B. Have significant impacts on such natural resources and unique geographic characteristics as historic or cultural resources; park, recreation, or refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (Executive Order 11990); floodplains (Executive Order 11988); national monuments; migratory birds; and other ecologically significant or critical areas?	No	
C. Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources (NEPA section 102(2)(E))?	No	
D. Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks?	No	
E. Establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects?	No	
F. Have a direct relationship to other actions with individually insignificant, but cumulatively significant, environmental effects?	No	
G. Have significant impacts on properties listed or eligible for listing on the National Register of Historic Places, as determined by either the bureau or office?	No	
H. Have significant impacts on species listed or proposed to be listed on the List of Endangered or Threatened Species, or have significant impacts on designated Critical Habitat for these species?	No	
I. Violate a federal, state, local or tribal law or requirement imposed for the protection of the environment?	No	
J. Have a disproportionately high and adverse effect on low income or minority populations (EO 12898)?	No	
K. Limit access to and ceremonial use of Indian sacred sites on federal lands by Indian religious practitioners or adversely affect the physical integrity of such sacred sites (EO 130007)?	No	
L. Contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act and Executive Order 13112)?	No	

