PMC-EF2a

(2.04.02)

U.S. DEPARTMENT OF ENERGY
EERE PROJECT MANAGEMENT CENTER
NEPA DETERMINATION

RECIPIENT: St. Louis County **STATE:** MO

PROJECT TITLE: ITS Phase 1 (T1)

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000013	DE-EE0000760		0

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

B5.1 Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting, improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.

Rational for determination:

B4.7 Adding fiber optic cable to transmission structures or burying fiber optic cable in existing transmission line rights-of-way.

The County of St. Louis, MO would implement a portion of their Intelligent Transportation System (ITS). The proposed activity is part of a coordinated effort to improve the flow of traffic through major intersections throughout the St. Louis region. This project would implement the most critical parts of the County's Hanley Road corridor between the City of Clayton and the City of Florissant. The specific segments of the ITS that would be implemented with EECBG funds are detailed in the "Special Provisions to the General Specifications" document provided to DOE on February 26, 2010.

Specifically, the County would install fiber optic cable linking signal systems and adding pan/tilt/zoom cameras for monitoring traffic flow. The ITS would be connected to the St. Louis County Traffic Operations Center. Cable would be installed in both new and existing subsurface conduit within high traffic volume suburban, commercial, and residential areas. All activities would take place within existing rights of way or easements. Trenching and/or direct bore drilling would be used to install conduit (where not already in place) and cable. Approximately 9.828 miles of new conduit would be installed, and approximately 5.034 miles of existing conduit would be utilized. New pre-formed pull boxes would be installed along all new conduit runs and along existing conduit runs if an existing box is damaged or unavailable for use.

The County received a Cultural Resource Assessment Section 106 Review from the State Historic Preservation Office on February 19, 2010 which concluded that there would be no historic properties affected by the proposed project. St. Louis County has incorporated pollution control and waste management into their contract documents.

Implementing the planned segments of the ITS would result in significant fuel savings and GHG reductions by improving traffic flow through the major arterial roadway in the northern part of the county. This activity is therefore categorically excluded under NEPA under B5.1 (actions to conserve energy) and B4.7 (adding/burying fiber optic cable).

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 3/31/10

NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION

☐ Field Office Manager review required

NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:

☐ Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.

☐ Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: _____ Date: _____

Field Office Manager