

PMC-EF2a

(2.04.02)

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



RECIPIENT: Kane County, IL

STATE: IL

PROJECT TITLE : EECBG Kane County Illinois Activity 7- ITS

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000013	DE-EE0000818.005		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:

- B1.32** Traffic flow adjustments to existing roads at DOE sites (including , but not limited to, stop sign or traffic light installation, adjusting direction of traffic flow, and adding turn lanes). Road adjustments such as widening or realignment are not included.
- 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:

Kane County, Illinois Division of Transportation would utilize EECBG funds to implement improvements to Kane County's Intelligent Transportation System (ITS). Specific projects to be supported include:

1. Arterial Operations Center (AOC) - An operations center (approx. 2,500 sf) is planned to be constructed within or immediately adjacent to an existing KDOT office to serve as the control point for the County's current Advance Traffic Management System (ATMS) and would provide a greatly increased level of real time management and monitoring of arterial traffic and maintenance operations. EECBG funds would be utilized for the purchase and installation of various ITS equipment to be used within the AOC.
2. Roadway Weather Information Systems (RWIS) – The County would install roadway weather stations at two (2) locations (Kirk Road over Union Pacific Railroad, Randall Road over Union Pacific Railroad) which would integrate into the County's current ATMS and provide real time information on local environmental and roadway conditions. Information collected would be used to better direct road maintenance operations and inform drivers of roadway conditions. EECBG funds would be used for the installation of the RWIS equipment. Installations would include four (4) 30" concrete foundations within 10 feet of existing roadways and a small amount of steel conduit running to the roadway. All other construction would occur in/on the adjacent roadway and bridge structures.
3. ATMS System Integration (Randall Road Traffic Signal Interconnection)
4. ATMS System Integration (Randall and Huntley Road Traffic Signal Interconnection)
5. ATMS System Integration (Orchard Road Traffic Signal Interconnection) – For the three ATMS System Integration projects, the County would integrate an existing closed loop traffic signal system and fiber optic network into their current ATMS, including communications upgrade and deployment of various ITS field devices (CCTV cameras, etc.). EECBG funds would be utilized to construct and install new ITS equipment in existing traffic control infrastructure (conduits, traffic signal cabinets, etc.). Minimal excavation work would be required to support the activity.

This activity constitutes efforts to conserve energy used in transportation through implementation of traffic control projects and is categorically excluded under NEPA under B1.32 and B5.1.

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: 
NEPA Compliance Officer

Date: 4/15/10

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: _____
Field Office Manager

Date: _____