

NOTICE TO EECBG GRANTEES involved in Overhead Street Lighting Projects:

Part of your requirements under the Energy Efficiency and Conservation Block Grant (EECBG) Program as set out in the Financial Aid Agreement are that you provide to the Nebraska Energy Office *“documentation demonstrating compliance with Nebraska Department of Roads (NDOR) requirements for any LED lights which will be installed on State highways/roads.”*

The Energy Office has discovered that the NDOR is unable to approve any overhead LED or other newer street lighting technology for State highways at this time. This is because currently no national guidance exists from the American Association of State Highway and Transportation Officials (AASHTO) or the Federal Highway Administration (FHWA) that details the illumination criteria for using LED or other newer street lighting technology on highways. A research project that would help fill this gap is being proposed.

Because of this gap in guidance and the potential liability for using new technologies without national guidance, NDOR does not intend to use these technologies for street lighting on engineered lighting systems until the technologies are researched and guidelines for their use is established by national transportation authorities. “Engineered lighting systems” means any systems which have been designed by the NDOR or another, accredited engineering firm to provide adequate lighting on a State or Federal highway in Nebraska.

This does not include any overhead street lighting systems which have not been engineered and were installed by a City, Village or utility. These luminaires may be replaced at the discretion of the City, Village or utility.

IMPORTANT INSTRUCTIONS: Every EECBG grantee involved in Overhead Street Lighting Project will need to:

1. Define the name/number of the State highway upon which any of your proposed EECBG replacement street lights currently are located.
2. Contact **Carl Humphrey** at the NDOR and inquire if any of the street lights identified in #1 above are an “engineered lighting system”:

Carl R. Humphrey, P.E.
Urban & Lighting Engineer – Roadway Design
Nebraska Department of Roads
carl.humphrey@nebraska.gov
Phone - (402) 479-3842
Cellular – (402) 440-2323

3. Mr. Humphrey will respond back to you as to which of those street lights are an “engineered lighting system” that may not be replaced as part of your EECBG project.
 - a. If you have street lights that may not be replaced because they are an engineered lighting system, you should analyze how this will impact the Scope of work as set out in Appendix B of the EECBG Aid Agreement with the Nebraska Energy Office.
 - b. Will your approved EECBG budget(s) need to change?

- c. Are there other street lights within your community that could be replaced as a substitution for the State highway lights originally proposed to be replaced?
- d. Based on your analysis, determine if you need to prepare and submit a Request for Amendment to the Aid Agreement in order to document and seek approval of how you propose to change the Scope of work to accommodate this issue. The Request for Amendment form (attached and also located at <http://neo.ne.gov/grants/GAcenter.htm>) requires an original signature, and should be mailed to the Nebraska Energy Office. Any alternate proposal must meet the minimum energy saving requirements of the EECBG program.

The Energy Office regrets this inconvenience, and appreciates your cooperation. If you have any questions, please contact me or James Lucas, EECBG Technical Advisor at james.w.lucas@nebraska.gov or 402-471-3662. Thank you.

Jan E. Fox

Energy Conservation Program Coordinator

Nebraska Energy Office

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