

DESIGN SUMMARY
(Roadway Lighting Replacement)

Figure 72-2C

Route: _____
Des. No.: _____
Project No.: _____
County: _____
Federal Oversight: _____

Location and Project Description

This project involves the modernization of roadway lighting on _____, about _____ km _____ of _____ to about _____ km _____ of _____.

Existing Conditions

The existing roadway lighting system consists of conventional lights with pole heights of 15 m or less and highmast poles with pole heights of 24 m or more. This system was installed before July 1, 1990. The conductors were made from aluminum material. The highmast poles are equipped with top latch devices.

Need for Improvement

The conventional pole breakaway supports do not meet the AASHTO criteria for small vehicular crash tests. This policy became effective July 1, 1990. Aluminum conductors tend to corrode when they come in contact with moisture. This corrosion may cause lighting outages. Top latch devices on highmast sometimes do not sit properly and the ring cannot be lowered. A bottom latch system is installed to correct this problem. No right-of-way will be required for this project.

Route _____ Des. No. _____

Prior Studies and Considerations

Environmental Documentation: This project meets the requirement of the Categorical Exclusion under 23 CFR 771.117(c)(8).

Public Hearings: This project conforms to the INDOT Public Involvement Procedures for Project Development approved by FHWA.

Permits and Agreements:
(List all permits required and dates received. If not received yet, enter "Pending."

Railroad Agreement _____
Utility Agreements _____

Cost

The estimated cost of this project is) \$ _____.

Design Engineer

Sign and Lighting Design Unit Supervisor