

**Federal-Aid Policy Guide**July 6, 2005, [Transmittal 34](#)

NS 23 CFR 646B

Attachment 4

**Non-Regulatory Supplement  
Attachment**

OPI: HSA-10

**EXAMPLE OF DESCRIPTION OF IMPROVEMENT AND PRELIMINARY ESTIMATE OF COST  
FOR GRADE CROSSING WARNING DEVICES FOR PROGRAMMING AND AGREEMENT  
PURPOSES**

Description of improvement and preliminary estimate of cost for installation of two automatic gate units with cantilever mounted flashing light signals controlled by motion sensor and other track circuit equipment at the crossing of Road and a single main line track, replacing existing reflectorized crossbuck signs: \$190,450.

NOTE: Where agreed to by the State and the railroad and concurred in by FHWA, this estimate format is acceptable for program purposes and for agreement purposes on projects where a detailed estimate of the attachment 1 or 2 type as appropriate will be submitted by the railroad and approved by the State and FHWA prior to authorization to proceed with the installation.

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