



DATE: JUL 08 1986

TO: ~~Engineers, C&S~~ - *B.E. Miller*

FROM: *R.H. Koch*  
R. H. Koch Room 1203, 15 N. 32nd Street  
Philadelphia, PA

SUBJECT: Installation of Flashing Light Signal Light Units and Gate Arms prior to Final In-service Cutover

The following System Guideline will be established on all new crossing installations:

Flashing Light Lamp Units

Mount, test, focus and after tests are completed, remove bulbs and cover units with suitable material, such as burlap, canvas, or black plastic wrapping until cutover date. (This condition should be for a minimal amount of time.)

Gate Arms

Mount, adjust for proper operation and after testing is completed, remove until cutover date.

- cc: G. I. Molusky
- E. T. Eveland
- W. D. Bryce
- R. G. Edeburn
- D. O. Stout
- S. P. Kohler
- R. W. Yetman
- B. T. Ervin

*By [Signature]*  
*Signal C&S*  
*used P.E. [Signature]*  
*K.H. [Signature]*  
*E.F. [Signature]*  
*F.J. [Signature]*  
*S.M. [Signature]*  
*W.B. [Signature]*  
*P.A. [Signature]*

*This will end the cutover [Signature]*

REG. ENGR. & SIGNALS

JUL 14 1986

DETROIT

*7/31/86*

February 4, 1985

J. W. Alexander  
D. R. Burgoon  
W. R. Ford  
E. R. Hanchett  
R. J. Hyttenhove  
D. R. Lewis

P. E. Miller

Regional Engineer Signals

Detroit, Michigan

Grounding and Surge Protection

22.6, 94.1

521-4087

We have lost electronic equipment in the past. Surge protection and proper arrestors are very important to help eliminate lightning. If you do not have them installed now, arrange to get a program started so we can cut down the damage and delays in the future.

Attached is copy of ground grid and instructions on properly grounding a case (note that wire from grid to rod is straight, not coiled or sharp bends). Distribute to your men in the field so they can check their location for proper grounding and make any necessary corrections.

Distribution

D. S. Cargill  
T. E. Dinger  
J. J. Kasprzycki  
J. Palloni  
R. P. Diets  
C. R. Haldi  
N. A. Montegano

Attachment