

OFFICE MEMORANDUM



MICHIGAN

STATE HIGHWAY DEPARTMENT

JOHN C. MACKIE, COMMISSIONER

137

May 25, 1960

To: W. W. McLaughlin
Testing and Research Engineer

From: E. A. Finney

Subject: Contract Signing, Interstate 94 (US 12), 5 mi. East from Paw Paw,
BI 80024, C2RN & C5RN; I 94-2 (5) - 60. Research Project 60 G-100,
Report No. 326A.

To complete the evaluation of signs on the subject project first reported in our memorandum of April 7, 1960, as Report No. 326, another trip was made on April 13 to inspect temporary signs made and erected by the Department on the same route between Jackson and Benton Harbor. The specific purpose was to compare the material and workmanship of Department-made signs with those of signs produced and installed under contract. The inspection was made by A. J. Permoda, G. M. Smith, and M. H. Janson of the Research Laboratory Division; M. R. Hoffman of the Traffic Division, and R. F. Trim of the Office of Maintenance. The following report was prepared by M. H. Janson.

Representative signs of each type were observed and typical examples were photographed (Figs. 1-4). The comparative observations did not reveal noticeable differences other than differences expected from aging between the subject contract signing and the signing on adjacent sections of I 94 (US 12). The signs on these adjacent sections had been up considerably longer than those installed under contract. Conclusions reported in Report No. 326 were supported. Day and night observations on the speed limit sign (Fig. 5) in the contract signing section were repeated. The daytime "65" did not effectively change to "55" at night. It was decided that the camouflage black sheeting, which can be seen as the gray areas in the numeral 6, was not functioning properly.

OFFICE OF TESTING AND RESEARCH

E. A. Finney, Director
Research Laboratory Division

EAF:MHJ:js

cc: H. E. Hill
J. E. Meyer
H. G. Bauerle
Leon Luke



Figure 1. White and green reflectorized sheeting on aluminum panels.



Figure 2. Non-reflectorized green tape and white reflectorized background on plywood.



Figure 3. Black paint and white reflectorized background on plywood.



Figure 4. White reflectorized sheeting on black plywood.



Figure 5. Speed limit sign.