Research Review

Wheel Lock Causes Hazards of Skidding

Skidding, one of the worst haz-| Using this tester, the joint proards to plague motorists on the ject has measured more than 5,000 highway, is involved in at least sections of pavement in a 4,000-

search Program, which was organized in 1955

IN BRAKING, a skid develops because one or more wheels lock, Wolfgang E. Meyer, professor of mechanical engineering and head of this research program, said. "The most effective means of preventing wheel lock and in-

suring rapid stops is to make sure that high friction between tire and pavement is maintained even though the pavement is wet,'

Meyer said.
Hartwig W. Kummer, research
assistant of mechanical engineering, developed a full-scale tester that consists of a single-wheeled trailer towed by a light truck and adapted to measure the force developed when the trailer is locked.

The testing device attracted the attention of the Pennsylvania Department of Highways and led to the establishment of a cooperative project with the University that is known as the Joint Road Friction Project.



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35 to 45 per cent of the accidents in the Eastern United States. This road hazard is currently under study at the University and is part of the Automotive Research Program which was a read to the Department of Highways.

WITH THIS DEVICE, the Department will be able to deter-mine periodically the skid resistance of various roads and dif-ferent pavements and to study how the skid resistance of various pavements changes from year to year under varying traffic densi-

It is known that the inclusion of small, hard particles in softer material will make a pavement skid resistant for longer periods, Meyer said. However, more must be learned about the wear process before it will be possible to design skid-resistant pavements economically from locally abundant materials, he added.

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Tourist Trade Destroys Amish Towns

The tourist trade, which brings coutsiders" into the Old Order Amish areas, is destroying these communities, John A. Hostetler, professor of sociology at the Ogontz campus; said recently.

American Anthropological Association, Hostetler, who is Amish the rest of the world, he said, by birth, cited the "commercial- The adult Amish, Host County as one example where the group's "self-respect."

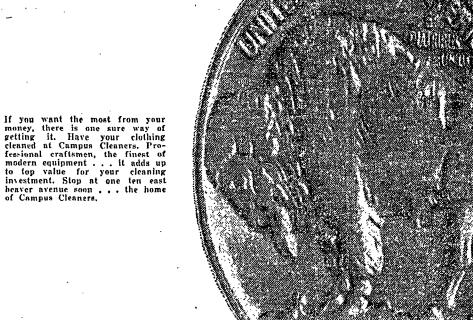
Speaking at a meeting of the which calls for the Amish to live close to the soil and apart from

The adult Amish, Hostetler ization" of the Amish in Lancaster added, are becoming aware of signs of stress and change within tourist trade in destroying that their communities. Fathers are group's "self-respect."

Community disorganization, migration, suicides and moral dehaving difficulty in controlling their children who, under the influence of "outsiders," are obtain-

ple," according to Hostetler, are helping the younger Amish generation in their trend toward becoming a part of American so-ciety without the knowledge of their parents or church,

Sure is a difference between good, sound reasons and reasons that sound good.



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