

'Cat'

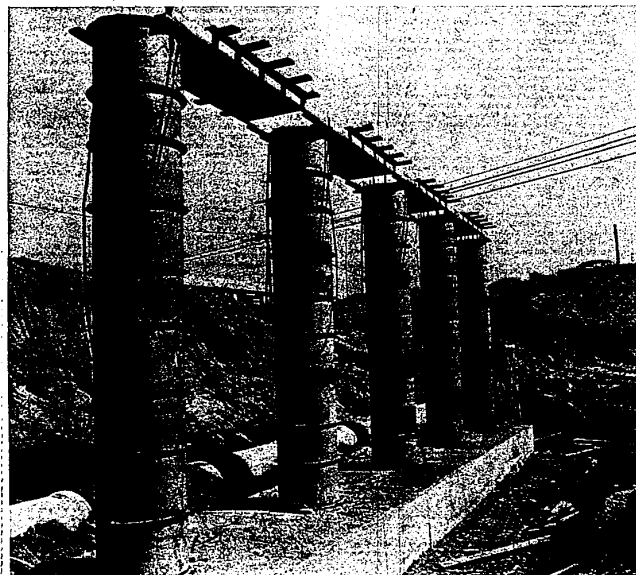
"CAT" IS actually a trademark of the Caterpillar Co., a major manufacturer. A "Cat" is "dozing" in the foreground while earthmoving scrapers and a crane are at work along the

ridge. Scrapers are sometimes called "Turnapulls" by the unknowing, but that term is a trademark of the LeTourneau-Westinghouse Company.



'Back-Hoe'

"BACK-HOE" IS A term applied to all excavation equipment, whether operated by cable or hydraulically. It pulls a bucket toward the operator and is primarily used for excavation, although in this photo it's being used to break up ground for 'dozing and grading. This back-hoe is mounted on a Case tractor which also has a front-end loader.



'Cans'

These steel forms are referred to by workmen as "cans." Trucks with bathtub-like buckets carry "mud" to these sites from a central mixing plant to pour concrete columns for overpasses.

Road Jargon

Construction Crews Have Pet Names For Equipment.

Most occupations have their own jargon. Doctors have their technical terms; printers talk about picas and points, and Ben Days; physicists talk a language closer to mathematics than to English.

You can hear the jargon of the highway construction men on the I-96 and I-275 freeway projects in the corridors of Haggerty, and Schoolcraft roads in Farmington Hills, Livonia, Plymouth, Redford and Westland.

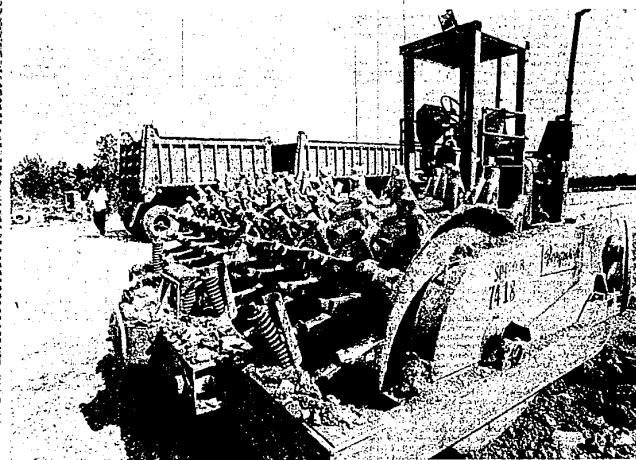
Actually, most of us whiz by and mutter about dust and "heavy equipment." But Bob Woodring, the Observer Newspapers' chief photographer, is the kind of fellow who stops and looks at things and sees a rugged kind of beau-

ty in the giant machines that move earth and cement and steel.

I-96, in a rough way, will parallel the general route of old Grand River Avenue from downtown Detroit to the western edge of the Farmington community.

I-275 will run from the intersection of what are now Haggerty and Schoolcraft roads south and meet I-75 near Monroe. It will form a north-south bypass along the west side of metropolitan Detroit.

Statewide, Michigan has completed nearly 85 per cent of its 1,175 mile segment of the interstate freeway system. The entire national system will total 42,500 miles.



'Sheep's Foot'

Many years ago, flocks of sheep were herded along road constructions to help compact the soil. Later a roller with sheep-like hooves protruding was used, and it evolved into this machine.



'Terex'

This 'dozer looks like any other, but GM calls it a "Terex." The blade is still in front, but the radiator and fan for engine cooling are mounted in the rear behind the operator.