

ROADS *and* STREETS

HIGHWAYS • BRIDGES • AIR FIELDS • HEAVY CONSTRUCTION

Gillette Publishing Co., 22 West Maple St.
Chicago 10, Illinois Form 3547 Requested.

JANUARY 1955

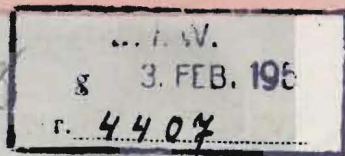
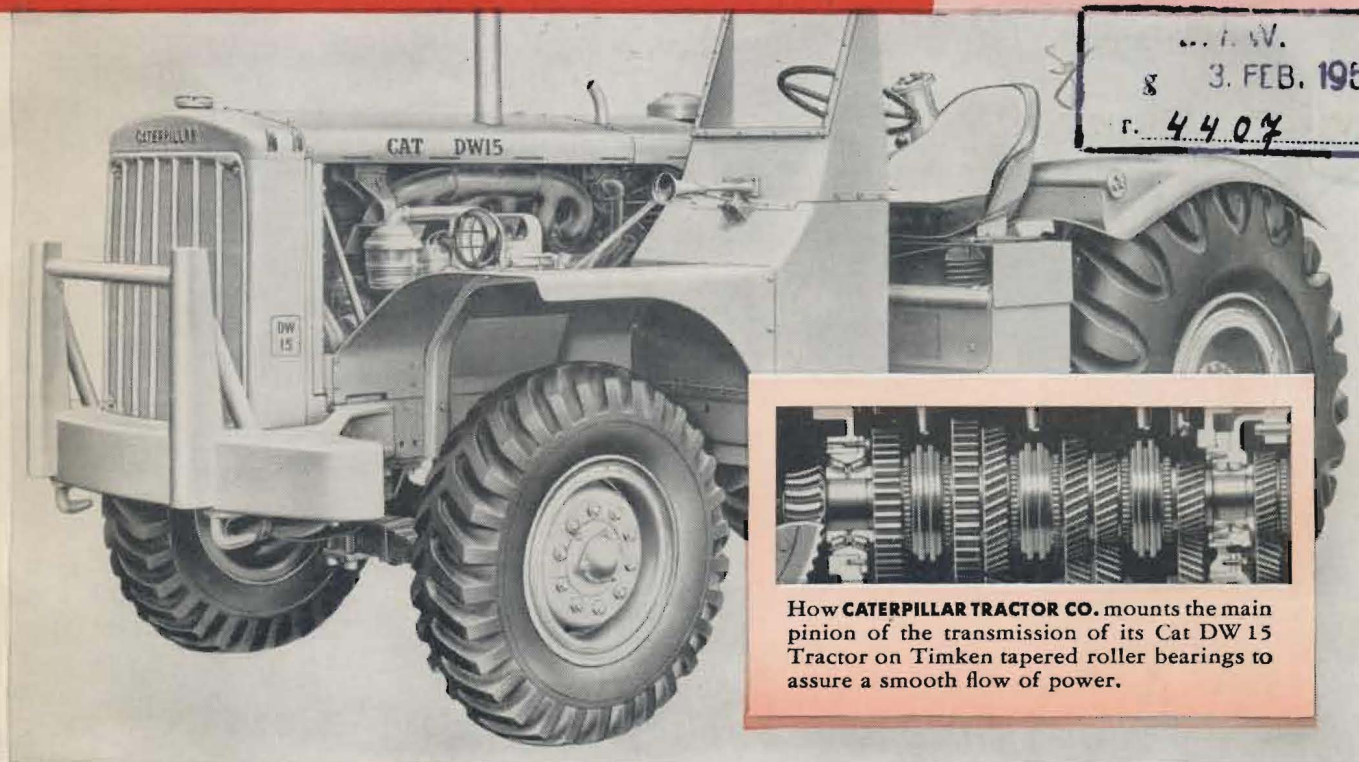
BIG HIGHWAY JOB AHEAD

(Industry Review and Outlook)

**Special 16-Page
Earthmoving Section**

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Acceptance Authorized Under Sec. 34.64 P. L. & R.



How **CATERPILLAR TRACTOR CO.** mounts the main pinion of the transmission of its Cat DW 15 Tractor on Timken tapered roller bearings to assure a smooth flow of power.

Transmission gives 10 speeds forward and 2 reverse, **TIMKEN®** bearings give smooth flow of power

THIS versatile new Caterpillar DW 15 Tractor delivers 150 horsepower with 10 forward speeds and 2 in reverse. To make sure its transmission gives a dependable and smooth flow of power, even under the roughest and most rugged of working conditions, Caterpillar mounts the main pinion on Timken® tapered roller bearings.

Because of their tapered construction, the Timken bearings take both radial and thrust loads in any combination. Full line contact gives extra load-carrying capacity. The pinion stays aligned. Gears mesh accurately and smoothly with minimum time-out for maintenance and repairs. And there's less loss of trans-

mission power because Timken bearings practically eliminate friction. Here's why: Timken bearings are designed to give true rolling motion and they're manufactured to live up to their design.



Timken bearings normally last the life of the tractor. One big reason: they're made of Timken fine alloy steel, the finest ever developed for roller bearings. We have to make our own steel because that's the only way we can get steel good enough for Timken bearings. No other U. S. bearing manufacturer does it.

Look for the trade-mark "Timken" on every bearing. The Timken Roller Bearing Company, Canton 6, Ohio. Canadian plant: St. Thomas, Ont. Cable: "TIMROSCO".

TIMKEN
TRADE-MARK REG. U. S. PAT. OFF.
TAPERED ROLLER BEARINGS



NOT JUST A BALL  NOT JUST A ROLLER  THE TIMKEN TAPERED ROLLER 

BEARING TAKES RADIAL  AND THRUST  LOADS OR ANY COMBINATION 