CANADIAN CONTRACT RECORD

June 10, 1007

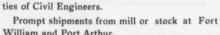
beams at about the same load at which the plain beams fail. It is therefore considered probable that concrete reinforced with steel will not stretch more before cracking than plain concrete and that consequently the tensile resistance of concrete should not be taken into consideration in reinforced concrete design. A discussion of the subject has recently been published by the university, in the form of a bulletin prepared by Mr. E. A. Moritz. This bulletin also gives information concerning tests made in the laboratory to determine the best form of steel reinforcement. The anchoring of the rods at the ends of the beams, which has been frequently advocated, did not seem to strengthen them materially. The experiments apparently demon-strate that the cracking in the plane of reinforcement is not due to the pulling out of the rod, but rather to the pulling of the concrete upward away from the rod, and cannot be prevented by anchoring the rod at the end. In most reinforcements with bent rods, the angle of these rods with the horizontal has been too large and the area of the rods too small .- Engineering Record.

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Mr. J. Telford's brick plant at Coyne's Corners, Ont., was damaged to the extent of \$3,000 last week



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