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COVER

Days of railroad pioneering are being recalled as construction of a 350-mi. line pushes forward in the far reaches of Labrador. The cover photo, by John A. Rodriguez, a member of the contracting firm, shows one of the big culvert operations required. This 120-in. pipe (174 ft. long) is shown being laid under grade at Mile 19. About 81,000 ft. of corrugated iron culvert, ranging from 24 in. to 144 in., is being installed along the route. Steel has been laid for about 190 mi. thus far. Joint venturers are Cartier-McNamara-Mannix-Morrison-Knudsen.

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COVER

The Moslem call to prayers will soon be heard five times daily in the nation's capital when construction of the first American mosque is completed. The ornate structure, with an exquisitely figured minaret rising above it, is being built by A. Joseph Howar, Washington, D. C., contractor. Egyptian craftsmen have come to the U. S. to design moldings for the $3-million edifice. Photos on cover and on Page 58 by Harold Flecknoe.

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COVER

Concrete-covered pipes laid in a winding trail over California hills make a pretty picture of a project just being completed by Guy F. Atkinson Co., A.G.C., San Francisco. They will carry water reserves from the new Lexington Dam near Los Gatos through a rich agricultural area.

—Photo Courtesy of Caterpillar Tractor Co.

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COVER

The New York Thruway, a 427-mi. superhighway between New York City and Buffalo, is well under way with only 98 mi. still to be advertised for bids. The four-lane route is laid out on a right-of-way that is up to 250 ft. wide. Shown on this month's cover is part of a 150-mi. toll section between Batavia and Utica to be opened late this year.

—*Photo courtesy of Fairchild Aerial Surveys*

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COVER

Steel swings into place on the Red Owl Building in Green Bay, Wis.

—Photo by Lefebvre-Luebke

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COVER

New bleach plant for Hollingsworth and Whitney's pulp and paper mill in Mobile, Ala., takes shape, about one-third completed. Rust Engineering Co., general contractors, "poured" the entire structure including columns and nine bleaching towers all at the same time using the sliding form method of concrete construction. Story on Page 37.

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COVER

Steel skeleton of an $11-million elevated highway link extends southward under Manhattan and Brooklyn bridges as a part of an express dual highway planned to encircle Manhattan Island, New York. City officials praised work of Bethlehem and other contractors. (See Page 43)

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COVER

Goin' fishin'! The splash of a Caterpillar-powered dragline in the cool waters of the American River looks for all the world like a big fish breaking surface on the end of a giant casting rod. Apart from his fellow workers, busy at the nearby dam site, the Marion dragline operator is stockpiling gravel to be used as fill in wing dams of Folsom Dam under construction in California.

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COVER

One of the world's largest subaqueous tubes, the longest in Texas, was opened to traffic last month. The $10-million tunnel stretches 3,009 ft. from Baytown to La Porte. The tube is 35 ft. in diameter with 22-ft. wide roadway.

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COVER

Building concrete piers for a bridge across the Missouri River and an arm of the lake formed by Garrison Dam near Sanish, North Dakota. A two-yard bucket suspended from a crane was used to pour concrete. A.G.C. members, Massman Construction Co., and Kansas City Bridge Co., both of Kansas City, are the builders.

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COVER

Workers on the 21-story Montreal General Hospital lift base form into position and temporarily secure it to steel beam. A saving of nearly 80 percent in man-hours was effected on this job by the Canadian firm of Anglin-Norcross Corp., Ltd., through the use of steel strapping for fastening concrete floor joist forms to I beams. Light weight tensioning and sealer tools enabled it to apply 14 straps in five minutes, the firm reported. *Details on page 30.*

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