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COVER

Working up to 280 feet above grade, two Caterpillar D8 bulldozer-equipped tractors start a large cut on the relocation of U.S. 30 and the Union Pacific rail line in Columbia River Gorge near The Dalles, Oregon. The job, involving 2½ million yards of dirt and rock, was made necessary by The Dalles dam project, and is due for completion next summer. Contract is held by the Fred Slate Co. and E. C. Hall Co., Portland.

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COVER

In a cart-before-the-horse procedure, Bethlehem Steel ironworkers are shown hoisting a 30-ton steel truss into place 84 ft. above ground where it had to stand for a while without any horizontal truss bracing. In erecting steelwork for the New York City Coliseum, the workers had to select this method because the portion of the building which later acted as horizontal bracing for the truss depended on it (the truss) for support and could not be built until the truss was in place. Ninety-four ft. long and 21 ft. deep the truss is one of 13 massive supports in the structure.

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COVER

Host lowers 65-ton roadway slab for Dauphin Island Bridge, near Mobile, Ala., into place from barge. Concrete was poured into re-usable steel forms 27 miles away at dock-side plant and towed to construction site in Mississippi Sound. This unique casting method, plus the use of paper concrete forms for pouring bridge piles, reportedly has reduced construction costs on the \$3.5 million job. Other pictures and story on pages 34-35. (Photo by Thigpen of Mobile).

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COVER

John MacLeod, A.G.C. president for 1954, left, as his final act in office, hands the gavel denoting the presidency of The Associated General Contractors of America to George C. Koss, A.G.C. president for 1955. Mr. Koss is president of the Koss Construction Co., Des Moines, Iowa. Mr. MacLeod is president of the Macco Corporation, Paramount, Calif. (Cover and other convention photographs, unless otherwise credited, are by Leon Trice Photography.)

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COVER

Spillway of Garrison Dam in North Dakota will require 282,000 cubic yards of concrete and 12,000 tons of reinforcing steel and miscellaneous metals before it is completed in August. More than 500 men have been working on the spillway. Garrison Spillway Contractors have received safety award for 9.89 accident frequency rating and severity rating of .14 with 770,928.5 man hours of exposure and safety record is credited to thorough indoctrination in safety measures and extensive safety equipment.

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COVER

Two cranes work in unison to put into place 40-ton section of a huge Vierendeel truss that will support the new \$2.7 million Hartford, Conn., public library being built over a six-lane interstate highway. Two of these all-welded trusses, each 104 feet long and weighing 94 tons, are being used in the construction of the library. Fabricated by the Lehigh Structural Steel Co., Allentown, Pa., they are believed to be the largest trusses of their type used in this country. General contractor for the job is Wadhams and May Co., A.G.C.

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COVER

By the use of hydraulic slipforms the upper eight stories of the 10-story Memphis apartment building on cover were poured and erected in five days and nights around the clock. The weary workmen who completed the continuous operation at midnight, June 26, made history, because they had taken part in the first apartment construction job in the U. S. to use this process known as Concretor. In the past, structures as silos and grain elevators were erected in this manner, but never a conventional building like an apartment. (Story and additional pictures, page 33. Photos by Memphis Commercial Appeal.)

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COVER

A bulldozer cleans mud and debris from this street in Waterbury, Conn., hard hit by last month's devastating floods which took a heavy toll in life and property damage in six Northeastern states. Group of National Guardsmen move down street to apartment building, in center, that was moved from its foundations a block away and deposited in the street. In scenes like this throughout many Northeastern towns damaged by the raging waters contractors are working closely with federal, state and local agencies to bring about the restoration of essential facilities. Story begins on page 25. (Wide World Photo)

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COVER

Fitting out of the steel tubes that will make up the tunnel portion of the bridge-tunnel project being constructed at Hampton Roads, Va., continues at the Baldwin-Lima-Hamilton Corp. plant. The Baldwin Corp. is fabricating 23 of these tubes for the general contractor, Merritt-Chapman and Scott, A.G.C., New York. Each tube is 300 feet long and contains 570 tons of structural steel, and when put in place will include 11,430 tons of built-in concrete. Story on page 60.

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COVER

Dramatic view of work on the \$68 million, four-mile Richmond-San Rafael Bridge spanning San Francisco Bay shows workmen driving pile in the final bottom chord of the east cantilever span. Big project of Judson Pacific Murphy-Kiewit involves unique construction methods. The top deck of the two-decker is scheduled for completion next October, completing triangulation of the Bay. (Story and more pictures, page 51.)

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COVER

This dramatic aerial view of the canyons of New York City shows the site of the 57th annual convention of The Associated General Contractors of America, February 13-16, 1955. In the immediate foreground can be seen under construction the latest addition to the skyline—the Socony Mobil Building, world's largest stainless steel-clad skyscraper. (Flying Camera, Inc.)

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