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January 1972

CONSTRUCTOR

THE MANAGEMENT MAGAZINE OF THE CONSTRUCTION INDUSTRY

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M. J. Davis, Associate Editor
Booth Mooney, Consulting Editor
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Cover: Side-by-side subway tubes of the Bay Area Rapid Transit System (San Francisco). Reprinted with permission from EM-Kayan Magazine of Morrison-Knudsen Co., Inc.

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...er photo of President McClary by ...ur Johnson, Boise, Idaho.

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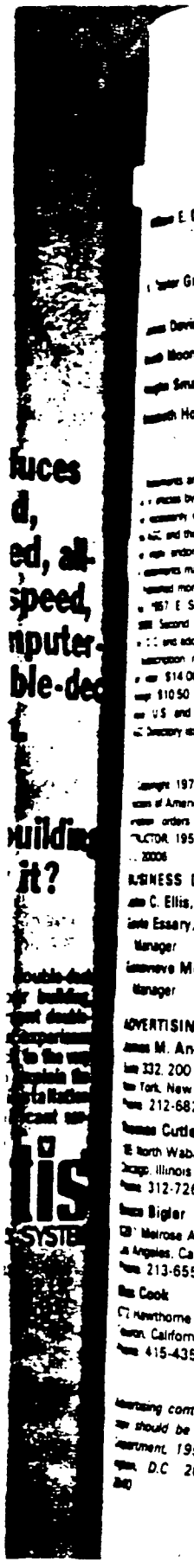

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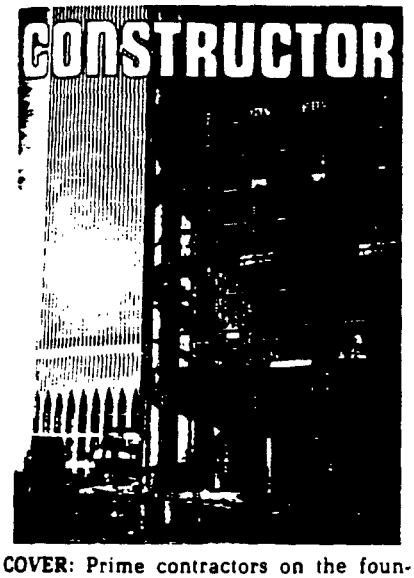

COVER: Prime contractors on the foundation work for the World Trade Center in New York City was a combine called West Street Associates, consisting of Slattery Associates, Inc. (AGC), Gull Contracting Co., Inc., Poirier and McLane Corp., Tully & DiNapoli, Inc. and Spencer, White & Prentis, Inc. (AGC), all of New York City.

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25 **PROPOSED TAX BILL** That Would Eliminate Fifty-four Present "Tax Preferences" Is Now Before The Congress

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Illustration and pp 12-13, 14
Righteous Apple

12 **PROBLEMS THAT WHITE** general contractors have getting together with black contractors to comply with local and federal regulations can be solved in a number of ways

16 **FRENCH BRIDGE BUILDERS** find a simple, efficient method to construct highway bridges in mountainous terrain

22 **A ROUND TABLE DISCUSSION** examines the pros and cons of the increasingly popular management weapon of Area Wide Bargaining

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20 **HEAVY AND HIGHWAY** contractors in New Jersey are holding workshops to streamline the cost reporting techniques of their foremen

28 **CAMPAIGN PROMISES** provide a picture of what the presidential candidates propose for the construction industry during the next four years

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CONSTRUCTOR ANNUAL

VOLUME 4

A pictorial review of the year in construction, featuring jobs in progress or completed during 1971-72, in the U.S. and other countries by AGC contractors 11

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Hoover Dam, the largest single construction contract in U. S. history when it was let, was designed to harness the mighty Colorado River. The $48.9 million contract was awarded in March 1931 to a six-company joint venture created expressly to bid on the job. The joint venture included Kaiser & Bechtel Construction Co. of Oakland and San Francisco, California (AGC), Morrison-Knudsen Co. of Boise, Idaho (AGC), J. F. Shea & Co., Portland, Oregon (AGC), Pacific Bridge Co., Portland, Oregon (AGC), McDonald & Kahn, San Francisco, California, and Utah Construction Co. of Ogden, Utah.

When completed in 1936 the structure was known as the Boulder Canyon Dam. Congress changed the name to Hoover Dam in honor of President Herbert Hoover in 1947.

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6 **MID YEAR BOARD MEETING** Marks Progress In Dealing With The Industry's Myriad Problems, Especially Labor Relations

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10 **CRACKS IN THE HIGHWAY TRUST FUND** Are Widening As Mass Transit Proponents Continue Their Attempts To Divert Highway Funds

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22 **STATE COURT DECISIONS** Hold General Contractors Liable For Injuries Caused By Their Subcontractors

24 **AGC HEAVY AND UTILITY CONTRACTORS** Put Together A Massive Water Treatment Project In Upstate New York

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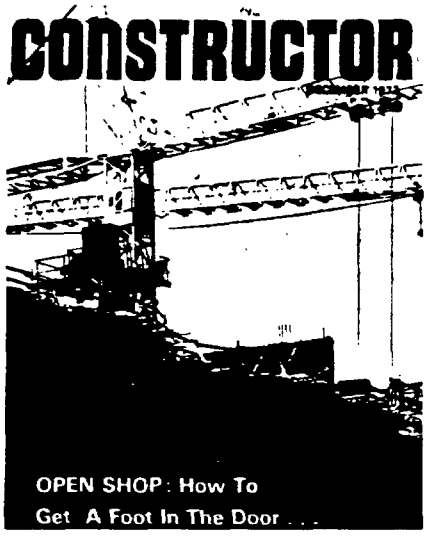

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18 **STEEL UTILITY LEVELS** Between Floors Replace The Utility Core In New Children's Hospital

20 **A HUGE ORANGE CURTAIN** Is Hung At Rifle Gap, Colorado, By An AGC Heavy Contractor

23 **LAWYER LAVERNE O'DELL** Tells Union Contractors How To Do Open Shop Work And Still Be Legal

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