

CONSTRUCTOR

AGC's Management Magazine for the Construction Industry — January 1983

Features

AGC Market Forecast

Results from AGC's annual survey shows contractors predicting a 7.7 percent increase in construction volume this year — more than twice that of 1982

16

Division Forecasts

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The passage of the Surface Transportation Assistance Act of 1982 portrayed in a painting by Washington, D.C. artist Marsha Donahue.

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An analysis of the construction industry's ability to provide the manpower necessary to meet the challenge of rebuilding America's infrastructure

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Protect Your Investment With Preventive Maintenance

A well-designed, comprehensive, preventive maintenance program is the key to increased equipment life.

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Featured in this issue — Investments In The Future — through manpower, equipment and political action.

Photo of the U S Capitol © Robert M. Anderson/UNIPHOTO

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NewsLine..... AGC leadership encouraged by meeting with President Reagan. AGC of Illinois honors Congressional delegation. AGC's management conference claims and liabilities returns. New appointments made at OSHA. Oregon-Columbia chapter, other groups ask state to shift to contracting out. DAR Council plans to require actual costs in revised regulations. Horace J. Gunn retires from Utah Chapter. Rebuilding America consumer benefits booklet available.

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The AGC leadership meets with President Reagan on February 10.

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Profile: Richard S. Pepper — AGC Builder

Richard S. Pepper, chairman of Pepper Construction Company, Chicago, Ill., and AGC's 64th president plans to concentrate the association's resources in a drive toward accomplishments that will benefit not only the association but the entire construction industry and its future workforce. He discusses some of his objectives in this CONSTRUCTOR exclusive.

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Report from the 64th Annual AGC Convention: Construction Agenda in Public and Private Markets Set to Respond to Economic Upturn

A report on convention actions and construction market information that will shape the industry in the coming years.

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Chapter Public Relations Contest Winners

The outstanding public relations programs of the Michigan Road Builders Association, the Oregon-Columbia Chapter, AGC and the Kansas Contractors Association were top winners in AGC's Chapter Public Relations Contest.

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CONSTRUCTOR Exposition — Signs of a Construction Recovery in 1983

Thousands of contractors from across the country met with over 150 construction equipment manufacturers, material suppliers and consultants at the recent CONSTRUCTOR Exposition.

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Build/America Awards Competition Winners

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On-the-Job: Steel Bridge Construction

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How the Construction Industry Serves the Community

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AGC's 64th President, Richard S. Pepper, Chairman of Pepper Construction Company, Chicago, Ill.

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Building



Municipal-Utilities



Heavy-Industrial



Highway



Features

America's Infrastructure

In November 1982, CONSTRUCTOR published a major report to the nation entitled "Our Fractured Framework: Why America Must Rebuild" which analyzed the deteriorating infrastructure crisis facing the U.S. Since then, a special AGC Infrastructure Task Force has been investigating the topic to gain a better perspective. This new report presents a more complete picture of our nation's building, municipal-utilities, heavy-industrial and highway needs and contains the task force's suggestions for addressing them.

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Economic Benefits of the Surface Transportation Assistance Act

CONSTRUCTOR discusses the economic impact of the Surface Transportation Assistance Act with AGC chapter managers, contractors and transportation officials.

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On-the-Job: Contractor Slashes Bridge Redecking Time

A strong, durable, lightweight, polymer concrete is being used by Cianbro Corporation (AGC), Pittsfield, Maine, to accelerate the redecking of the Woodrow Wilson Memorial Bridge just outside of Washington, D.C.

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NewsLine.....AGC calls for increased funding in infrastructure repair at Senate hearing. Construction recovery is stronger than expected. Bargaining impasse ends obligation for fringes contributions.

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The cost to repair America's crumbling infrastructure is depicted in artwork by Ronald Flemmings of Alexandria, Va.

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ESTIMATING

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CONSTRUCTOR

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Preliminary Report America's State-By-State Infrastructure Needs



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A preliminary report on America's state-by-state infrastructure needs.

Rural Development

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A discussion of America's deteriorating rural infrastructure and measures being taken by federal officials to ease the problem.

Hazardous Waste Clean-up: A Contractor's Market

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The clean-up of hazardous waste sites in the U.S. is developing into a promising market for qualified municipal-utilities contractors.

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A comprehensive presentation of the tremendous resources contained in AGC's numerous publications and audio-visual presentations.

On-the-Job: Fixing America's Pipes

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A number of municipalities are turning to rehabilitation to fight their sewer and water pipe problems and AGC contractors are playing a vital role.

A Decade of Progress: America's Quest for Clean Water

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Excerpts from a Water Pollution Control Federation publication which marks the beginning of the second decade of the Clean Water Act

Privatization: Financing for Public Works Construction.

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"Is time running out for the states?" is the visual question posed in artwork by Ronald Flemmings for the cover story on state-by-state infrastructure needs.

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Chapters Publicize Infrastructure Repair Needs

A number of AGC chapters have embarked on campaigns to publicize the fact that America's infrastructure is in need of immediate repair.

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On-the-Job: Security at the Jobsite: New Products Help Put Obstacles Between Your Valuable Construction Equipment and Thieves

CONSTRUCTOR looks at some of the newest crime prevention product innovations.

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AGC Contractors Fight Back with Crime Prevention Programs

A look at what AGC contractors are doing to combat crime.

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Cutting the Cost of Running the Federal Government: A Private Sector Approach

Last year, President Reagan appointed a special private sector cost control task force to investigate ways of decreasing the cost of operating the federal government. Here are its findings.

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STP: Good Preventive Medicine

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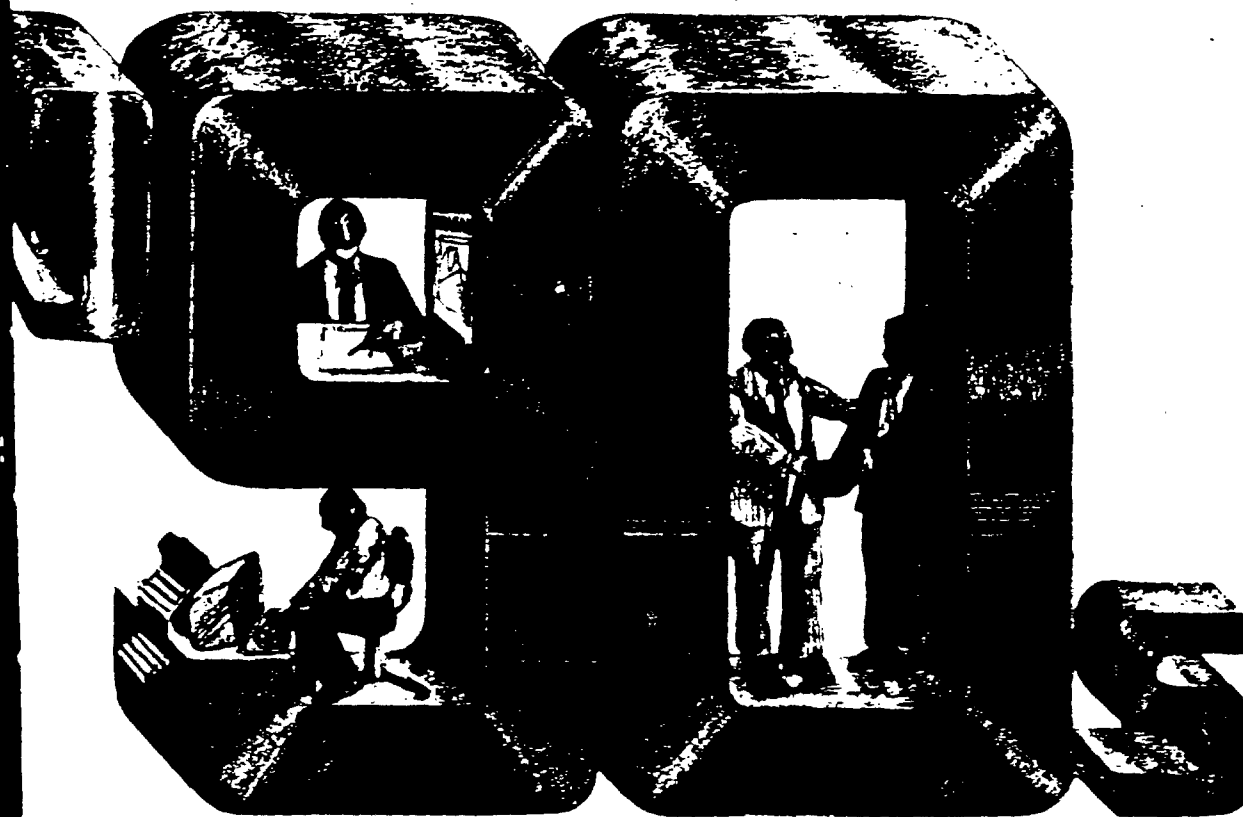
Photo of Earth by the ATS-III satellite from 22,300 miles above South America. PHOTO: The National Aeronautics and Space Administration.

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THE CLOSELY-HELD CONSTRUCTION COMPANY OF THE...



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AGC's Management Magazine for the Construction Industry □ September 1983



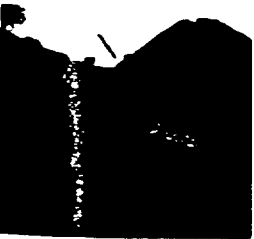
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Mr. Reynolds, U.S. Assistant Attorney General in charge of the Justice Department's Civil Rights Division discusses reverse discrimination.

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Inter-City High Speed Rail Lines: An Emerging Market

Construction of inter-city high speed rail lines could develop into a lucrative market for AGC heavy-industrial contractors.

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The Business Roundtable: Local User Groups Play A Key Role

Richard F. Kibben, executive director of construction for The Business Roundtable discusses the role local user groups are playing in the implementation of the group's Construction Industry Cost Effectiveness Project.

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The Errant Federal Policy on Mistakes in Bids

Chris F. Woods, chairman of AGC's Heavy-Industrial Division discusses current federal policy on corrections of mistakes in bids — and AGC's position.

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Flood Control: A Justifiable Federal Role

Robert H. Boh, vice chairman of AGC's Heavy-Industrial Division explains the need for federal structural solutions to flood control.

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Outlook for Construction in the Electric Power Industry

John S. Alberici assesses the growth of the electric utility industry in the next ten years and its capacity to be a giant user of construction services.

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EPA's Ruckelshaus Speaks to the Isaak Walton League

EPA Administrator William D. Ruckelshaus' speech before the Isaak Walton League of America in Harrisburg, Pa., addresses acid rain, water quality issues, toxics control and other topics.

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Market Opportunities for Coal Slurry

Legislation clearing the way for coal slurry pipelines is headed for a vote in Congress this month. If it passes, as many as four pipelines could be built.

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Houston Contractors Solve Problems with STP

AGC's Supervisory Training Program (STP) is helping contractors solve day to day construction management problems.

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Emerging markets for the heavy-industrial contractor. Large photo, courtesy of the Electric Power Research Institute and photographer Ron May. Inset photos of Reynolds and Kibben by Diane B Snow. Flood photo courtesy of the U.S. Army Corps of Engineers.

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Collective Bargaining
AGC's services to collective bargaining contractors are varied. In addition to ongoing information about bargaining trends and legal developments, the association serves as a focal point for general contractors' relationship with the building trades international unions.

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Open Shop Services
AGC provides its open shop contractors with a contractor supervised and carefully planned program of specific open shop information, meetings and seminars, unilateral training programs, practical and useful publications and medical and life insurance trust.

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Heavy-Industrial Division
Through the activities of the Heavy-Industrial Division, AGC maintains liaison with every government agency charged with responsibility in the areas of water resources development - the BuRec, Corps of Engineers, and Soil Conservation Services - energy policy and military construction.



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Highway Division
AGC's Highway Division provides continuous efforts to secure adequate revenues at the federal level for transportation construction programs.

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Building Division

AGC's Building Division committees work both with the industry's suppliers and owners. The Federal Building Procedures Committee keeps members abreast of the government's building construction plans while other committees work with suppliers through the Construction Products Manufacturers Council. The division's committees also have developed building contract documents for the single contract, design-build and construction management methods of project delivery.

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Municipal-Utilities Division

AGC's Municipal-Utilities Division activities include contractor testimony to Congress on Municipal-Utilities issues such as appropriations, orderly administration of the EPA Construction Grants program, funding of local public works, rural development and revenue sharing.

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Construction Education

AGC's Construction Education Services program places prime importance on promoting careers in construction, supervisory training, technical school and college level education programs including scholarships and top level management conferences.

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AGC's Management Conferences
AGC Management Conferences are designed by contractors for contractors on a variety of subjects including computers, CM, claims and liabilities, financial management, collective bargaining, open shop, ERISA, and tax planning.



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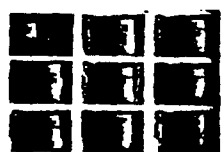
AGC Education and Research Foundation

AGC's non-profit charitable Education and Research Foundation has a 15-year track record of successful programs.

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STP

AGC's 11 unit STP program is a practical classroom discussion training program designed to improve supervisor's productivity and efficiency at the jobsite - to give participants the competitive edge.



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Manpower and Training Services

AGC's Manpower & Training Services Division provides contractors with the resources to train workers in the skills necessary

on a particular project through its competency based training program.

AGC's International Division

AGC's International Construction Division continually strives to maintain and expand world markets for U.S. contractors wanting to work abroad.

Insurance and Bonding

Through joint committees with the insurance industry, AGC contractors influence features of insurance and bonding coverage for industry related risks.

Crime Prevention Services

AGC and its 112 chapters offer a carefully planned crime prevention program designed to make construction crime less profitable and more risky.



Safety & Health Services

AGC's safety program has the double purpose of reducing disabling jobsite injuries and giving proper recognition to member firms achieving the best safety records.

Tax and Fiscal Affairs

Through its Tax and Fiscal Affairs Committee and its active general contractor membership,



AGC represents the membership before legislative and regulatory groups on tax and fiscal issues which affect the industry.



Equal Opportunity

Through its Equal Opportunities Services, AGC seeks to transform affirmative action into a positive effort.

Public Relations

AGC's public relations program is geared toward bringing the importance of the construction industry to the American public.

An Exciting Convention Format



There is more to do at every AGC Convention than you will possibly have time for.

National Associate Members

National Associate Members of AGC are the suppliers, subcontractors, specialty contractors and manufacturers that service the nation's largest industry.

AGC Cooperates With a Multiplicity of Government and Trade Organizations

AGC maintains close liaison with the White House, The Executive Offices, Congress, government agencies and other trade associations.

AGC Chapters

AGC's 112 chapters have more than 900 employees implementing the policies and programs determined by the principals of the general contracting firms.

Cover: PHOTO CREDITS: Highway photo by Mike Mitchell, World Trade Towers by Jon Riley, and suburban housing by Jon Bowden, all FOLIO, Inc. Sepia-tone historical photos from The Bettmann Archive, Inc. Seabees photo courtesy of the Naval Construction Battalion Center. R.M. Clayton Wastewater Treatment Plant courtesy of The Water Pollution Control Federation.

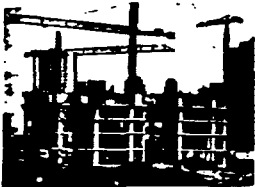
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CONSTRUCTOR interviews Secretary Donovan on DOL's return to reason in regulatory enforcement, combating unemployment in construction, on training, labor-management cooperation and other topics. 43

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U.S. Department of Labor Secretary Raymond J. Donovan.

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Programs,
Products,
Services
Implementing The
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AGC Report on the Business Roundtable's Construction Industry Cost Effectiveness Studies

The full text of AGC's Task Force Report on the Business Roundtable's Construction Industry Cost Effectiveness (CICE) Project looks at ways to eliminate inefficiencies in the construction industry. **15**

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The world of computers for construction is previewed in CONSTRUCTOR's computer software inventory starting on page 62. Photo of globe by Greg L'Heureux. Computer photo by Ira Wexler/FOLIO. **Vol. LXV, No. 12**