"Stone in Tennessee War Memorial"

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Photo captions in article:

"Entrance of New Tennessee War Memorial at Nashville, showing gigantic Indiana Limestone Columns. Architects: McKim, Meade & White and Edward Dougherty."

"Tennessee War Memorial at Nashville, a lasting monument in natural stone, granite, and marble. Indiana Limestone furnished by the Furst-Kerber Cut Stone Company. The D. Y. Johnson Stone Company, cut stone contractors. Architects: McKim, Meade & White and Edward Dougherty."

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Stone In Tennessee War Memorial

THERE was dedicated at Nashville; Tennessee, on September 21st. a magnificent new War Memorial building, presented to the soldiers of the commonwealth by the state, the city of Nashville and Davidson County as a monument to the heroic dead. Turning back the pages of the history of the memorial the instructions to the architects, selected in a competition to draw the plans and erect the building, are worthy of repition, in that they show the desire on part of the building commission to build well and that beauty of design and permanency must not be sacrificed for more utilitarian considerations. The architects, Messrs McKim, Meade & White and Edward Dougherty, were impressed with the ideal of the commission that the memorial should stand long after the generation that erected it had passed away. With this idea in mind the permanency of the materials was decided upon without hesitation and stone, granite and bronze were selected as best suited by every test of science and years of exposure to the elements and most adaptable for the artistic design that the memorial must assume. The design of the architects provided for two buildings, joined by a spacious court 80x100 feet in dimensions and containing twenty Doric columns set in four rows, three of which are under a pediment forming the main entrance to both structures. The fourth row is located some distance from the Western wall of the court on which are inscribed the names of the Tennesseans who perished in the war. In the center of the court there will stand a huge allegorical figure in gilded bronze, fourteen feet high standing on a pedestal nine feet high. This statue is the key to the entire memorial. The office end of the building contains the new archives room, the Confederates room, the assembly room of the American Legion, the Polk Memorial room and other rooms in which articles, relics and paintings of historical value will be placed. The auditorium end of the building contains the one great hall for public gatherings. The construction of the

Entrance of New Tennessee War Memorial at Nashville, showing gigantic Indiana Limestone columns. Architects: McKim, Meade & White and Edward Dougherty.

gardens yet remains to be done. There will be two of these gardens, one between the south wall of the Memorial building and Union Street, and the other in the space between Cedar and Union streets and Sixth Avenue and Victory Boulevard, formerly Dederick Street.

Tennessee War Memorial at Nashville, a lasting monument in natural stone, granite, and marble. Indiana Limestone furnished by the Furst-Kerber Cut Stone Company. The D. Y. Johnson Stone Company, cut stone contractors. Architects: McKim, Meade & White and Edward Dougherty.

It is of especial interest to know that the Memorial Commission and the architects in carrying out the plan for a lasting structure that will retain its monumental sentiments far into other generations that natural stone was selected for the exterior ashlar of the building. This stone came from the quarries at Bedford, Indiana, and was furnished by the Furst-Kerber Cut Stone Company. This Buff Indiana Limestone was used for the entire exterior, including the court. The panels on the Auditorium end of the building at the left of the center pavilion are of Tennessee marble, and the steps and base courses are of Stone Mountain Granit. The contract for furnishing and setting the exterior stone, marble and granite was awarded to the D. Y. Johnson Stone Company of Nashville. Indiana Limestone of the same Standard Buff variety will be used in conjunction with granite in the construction of the gardens.

Hoover Report Praises Construction Industry For Accomplishments

The greatest volume of construction operations on record, representing a total investment of more than 6,000,000,000, was carried out under the most noteworthy circumstances during the fiscal year ending June 30, 1925, according to an excerpt from the annual report of Secretary Hoover of the Department of Commerce.

"Building cost indexes declined perceptibly during the execution of this tremendous program," the report says. "This was possible because the construction industry and building owners responded to the movement for stabilization organized by the industry with the cooperation of this department for the purpose of keeping the industry employed more actively throughout the year, instead of allowing it to operate at only a fraction of its capacity during most months. There was practically none of the obvious and gross inefficiency and waste which has usually accompanied building 'booms' in the past, and the industry continues in a healthy condition ready to meet continuing demands upon it. Building activity was well distributed throughout the different regions of the country, and there was apparently an increased consumption of building materials on farms.

"Expenditures for construction activity find their way into a highly diversified group of industries. In this case, a considerable part of the activity in scores of manufacturing industries, as well as in lumbering, metal mining, and railway transportation, was due to the high rate of construction of the past fiscal year. The immediate demand for construction at a given time is extremely sensitive and liable to variation. Hence, it is a matter of great concern that this industry, the greatest balance wheel in our economic system, should run in fine adjustment to our other economic needs."

The construction accomplished was for the most part well calculated to meet the permanent and growing needs of the Nation, the report declares and adds: "There was no reminder of the extravagant additions to productive capacity of the boom year 1920, when industrial plants were enlarged out of all proportion to reasonable needs, and with but little reference to effecting economies in production. Although some instances may be claimed of expenditures not justified by current needs, the sum spent for construction for the most part represented not only a keeping pace with the needs of expanding population, but also a substantial bettering of the country's housing and commercial facilities."

Machine to Test Strength of Building Materials

A machine which will determine accurately the strength of building tile, brick, or other materials both in the final finished form and in the dry state before burning, has just been developed by A. C. Harrison of the Bureau of Standards, Department of Commerce.

This machine has a much higher degree of accuracy than has been obtainable heretofore over a wide range of loads. The greater flexibility of the machine also permits the testing of a considerable variety of sizes and shapes of laboratory specimens.

It is believed that it will find ready application, because in determining the quality of ceramic products it has been found that the strength of the materials in the finished state may be much greater than before burning, thus making it necessary to carry out tests in both conditions..

Bedford Celebrates Centennial

Bedford, Indiana, known throughout the country and in foreign lands as the home of Indiana Limestone, which for many years bore the name of Bedford Stone, is celebrating its one hundredth birthday. A pageant is the feature of the celebration, which under the title of "Out of the Wilderness" portrays the various periods and stages in the development of the city of Bedford and the great Indiana Limestone industry. The Bedford Stone Club through a committee headed by Mr. M. J. Morgan and consisting of A. E. Dickinson, B. P. Crowe, M. F. McGrath and Mrs. C. L. Walters, arranged for playlet entitled "The Spirit of the Past," with tableaus entitled "The Sculptor", "Spirit of the Builders", "Spirit of Nature", "The Spirit of Art" and "The Spirit of Architecture." This playlet was arranged for the closing scene of the pageant and was to be presented with elaborate panoramic effects. In this scene the stage setting was to represent stone and the development of the industry, the climax being reached in the transformation of a block of stone into a beautiful woman. During the three days of the pageant and celebration, November 15 to 18, Bedford arranged to entertain hundreds of visitors. As the deposits of this justly famed stone are sufficient to supply the demand for another hundred years at least, the future of Bedford and other cities and towns in the district stands assured.