The Knowledge Bank at The Ohio State University Ohio State Engineer

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CIVIL ENGINEERING

The Chicago Alumni Association owes much to the Engineering Graduates of Ohio State. Friday noon lunches are held at the Chicago Engineers' Club, 314 S. Federal St. Joseph H. Chubb, '94, is President and Vernon Ward, '03, is Secretary. Mr. Chubb is a brother of Professor Chubb of the Department of Architecture and graduated in the same class at Ohio State. He has been employed by the Universal Portland Cement Association for nearly twenty years and has offices in the Continental & Commercial Bank Bldg., 208 South La Salle St. Mr. Ward is connected with the American Bridge Co. and also has offices at 208 South La Salle St.

Howard E. Reynolds, '20, is with the Whiting Corporation at 945 Monadnock Bldg., Chicago, Ill.

C. A. Richards, '09, is in Chicago with the Pennsylvania R. R. His office is at 323 S. Wells St.

Joseph Lichtner, '24, is at present located with W. Z. Lozier, Sanitary Civil Engineer, Rochester, N. Y., in capacity of Designing Engineer. He reports his work very interesting, as they are engaged at present in building one disposal plant and designing another. His residence address is 181 Bernard St., Rochester, N. Y.

John I. Wood, '20, was a caller on the Campus recently. He is working in the Sewer Department of the City of Detroit, and may be addressed care of the City Engineer, or his house address, 9031 Third Ave., Detroit, Mich.

Guy B. Bebout, of the class of '05, was a caller on the Campus recently after an absence of ten years or more. He is in the contracting business at Zanesville, O., and his company is known as "The Muskingum River Gravel Co."

H. H. Harsh, '07, writes from 1663 New Haven Ave., South Hills, Pittsburgh, Pa., that he is planning to attend the Chicago game and sends his membership in the Faculty Club.

M. A. Dvsinger, '24, is working for the City Civil Engineer at Cleveland on grade crossing elimination work. He called recently to employ more help. He lives at 2014 E. 105th St., Cleveland, O.

Lester L. Dickson, '24, is working for the A. Y. & C. Railroad at Akron in the office of A. D. Bailey, Division Engineer. He reports the work very interesting, as it embraces a wide variety of field and office work.

Charles B. Cox, ex-'11, was a caller on the Campus after ten years or so of absence. He is with the Youghiogheny & Ohio Coal Co., which is moving its office from Barton, O., to Martins Ferry.

F. J. Murray, '24, is working with the East Ohio Gas Co. at Cleveland, but at present has a special assignment with the Standard Oil Co. in the northern part of the state, on the construction of a gasoline absorption plant, the idea being to extract gasoline from natural gas by passing it through charcoal. He rooms with his classmate, Dysinger, at Cleveland.

John P. Rannels, '24, writes from No. 1 South Third St., Steelton, Pa., that he has been having most interesting work. Starting June 26th last in what they call the "Probationary Observation Circuit" at the Bethlehem Steel Works, he completed the "loop" in three months. He said the three months of observation of all phases of the steel industry is an education by itself, although the steady diet of observing only, gets trying toward the end. He has finished the "loop" and is at work in the Steelton shops with the official title of "helper." After working in the shops, the Company will place him in the office at Bethlehem, so as to give as wide experience as possible to its employees.

W. E. Owens, '20, has been putting up some large school buildings as General Engineer and Contractor. His address is 728 Walnut St., Coshocton, O.

W. A. Campbell, ex-'26, has taken a position at Charleston, W. Va., with the N. Y. Central line there, under K. A. Borntrager, '16, Assistant Division Engineer.

G. E. Johnson, '92, writes from 1105 S. 28th St., Louisville, Ky., that he is with the Louisville & Nashville R. R. Co., with which company he has worked since graduation.

H. G. Collins, '22, was a caller on the Campus recently. He is with The Blaw Knox Co., Pittsburgh, Pa.

H. C. Barnes, ex-25, has left school to go with The Barnes Boyd Motor Co. at Mexico, Mo.

P. E. Masheter, '24, is working for the State Highway Department at Seaman, Adams Co., Ohio, on highway construction.

Sanders Frye, '21, is in the contracting business with offices at 1518 Clifton Ave., Columbus, O. His residence is 1439 N. Fourth St.

E. P. Knollman, '12, sends announcement of the removal of his office from the Edmonds Bldg. to the Union Trust Bldg. at the corner of 15th and H Streets, Northwest, Washington, D. C. He is in the construction business with R. H. H. Spidel, of the class of '13.

R. J. Shaffer, '23, is now Inspector of the State Highway Department on the Columbus and Marvsville road. He lives at 2598 McKinley Ave., Linden, Columbus, O.

Edmund Mesloh, '23, writes that he has been working at Zanesville, O. His address is 1235 Euclid Ave., Zanesville, O.

H. F. Stoltz, '20, is now in the office of the Commissioner of Sewerage, at Louisville, Ky.

E. J. Weigand, '18, is Assistant Engineer to the Commissioner of Sewerage, at Louisville, Ky.

CHEMICAL ENGINEERING

Clifford Landin, '24, has returned to Ohio State and is enrolled in the Graduate School this year.

Henry N. Case, '13, is with Sears Roebuck & Co., Chicago.

Walter J. Klaiber, '22, is employed by the Chicago By-Product Coke Co., 31st and Kastner Ave., Chicago.

A. I. Andrews, Ph.D. in Industrial Chemistry and Chemical Engineering '24, is now Professor of Ceramic Engineering at Alfred University, Alfred, N. Y. BELL, MAIN 6010 CITIZENS 9077

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Wm. S. Jones. Ph.D., '24, is on the research staff of the E. I. Squibb Co., Brooklyn, N. Y.

Paul Guise, who took his master's degree in Industrial Chemistry at Ohio State, and later secured the degree of Ph.D. at Columbia, is Director of Research at the Squibb Laboratory.

H. E. Fritz, Ph.D. '24, is again an instructor in chem-

istry at Ohio State.

H. M. Meiter, Ph.D. '24, is on the Research Staff of the U. S. Bureau of Mines and is located at the Pittsburgs Experiment Station. He is working under Sidney Katz, a former graduate of Ohio State. Mr. A. C. Fieldner, also a graduate of the Ohio State University, is General Director of the Experiment Station. Mr. Fieldner went abroad this summer and sat at the same table on the steamer with Dean Hitchcock on the way to the World Power Conference in London. Mr. Fieldner is still traveling in Europe.

Homer L. Cupples, Ph.D. '24, has returned to Ohio State as an Instructor in Chemical Engineering. He was with the DuPont Powder Co. at Wilmington. Del.,

during the summer.

Dr. H. E. Fritz, of the Department of Chemistry, worked upon sulphuric acid development problems for the Smith Agricultural Chemistry Co. during the sum-

Dr. Withrow spent the early part of the summer in Porto Rico. Returning to the United States by way of New York City, he visited a number of miscellaneous chemical companies in New York and Pennsylvania.

ELECTRICAL ENGINEERING

Lester S. Bernhard, '24, is with the Curtis Lighting Company, Chicago, III.

L. N. Forbes, '24, is enrolled in the Central Station Institute at the Commonwealth Edison Company, Chiago, Ill.

James M. Cornly, '24, is a student at Yale University. New Haven, Conn.

Paul G. Edwards, '24, is with the American Telephone & Telegraph Co., New York City.

John Fien, '24, is at Schenectady, N. Y., with the General Electric Co.

Russel T. Flora, '24, is working for Hobart Brothers Company, Troy, Ohio.

Louis N. Forward, '24, is in Texas with the Guly

Refining Company.

Lorenz G. Fritz, '24, is with the Western Electric Company in Cleveland.

George Johns, '24, is doing electrical engineering work for the Utah Power & Light Co. at Salt Lake City, Utah. Raymond R. Murdock, '24, is in Pittsburgh with the

Duquesne Light Company.

S. E. Rush, '24, is with the Union Gas and Electric Company in Cincinnati. His address is 263 Earnshaw Ave., Mt. Auburn, Cincinnati, O.

Hobart S. Winbigler, B.M.E. '23, B.E.E. '24, is doing development and research work for the American Tele-

phone & Telegraph Co. at New York City.

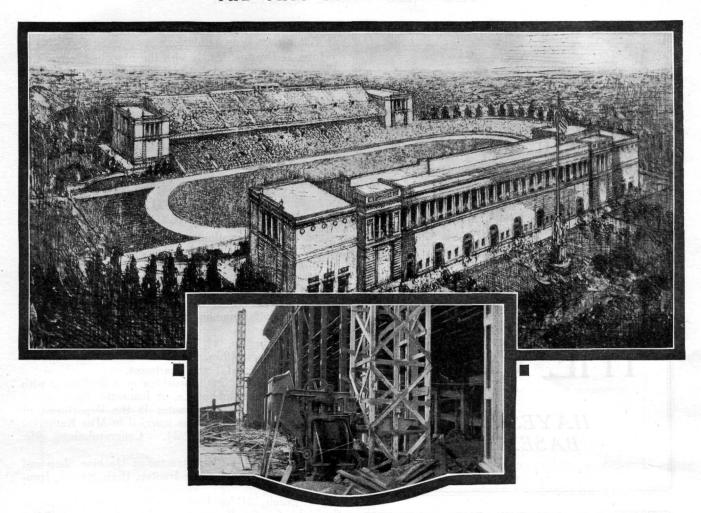
The following Ohio State men are at the Hawthorne plant of the Western Electric Co. at Chicago: Willard B. Marshall, B.M.E. '09, Charles A. Melsheimer, '07, Sam'l R. Ryan, '23, Robert N. Feitch, '22, Paul Frederick, '22, and Charles Bell, B.M.E. '24.

William J. Anglemeyer, '15. is with the Kellog Switchboard & Supply Co. in Chicago.

John E. Fast, '08, is manufacturing electrical apparatus at 649 N. Parkside Ave., Chicago.

David P. Moreton, '01, is Professor of Electrical Engineering at Armour Institute of Technology, 33d and Federal St., Chicago, Ill.

(Continued on page 24)



Illinois Stadium and Koehring

ILLINOIS Memorial Stadium, one of the mightiest arenas built to accommodate the ever increasing throngs of football enthusiasts stands completed, an awe-inspiring, peerless monument to Illinois spirit. Covering eight acres, located on a 56 acre field, it has a present seating capacity of over 60,000, two-thirds of which are within the limits of the goal posts. The enclosure of both ends will bring the capacity to 120,000 seats—a truly gargantuan achievement. Each side is 546 feet long and the top is 112 feet above the playing field.

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Geo. C. Kehrer, '17, is with the Ingersoll Rand Co. at 708 Fisher Bldg., Chicago.

John E. Dustine, '24, is with the Lincoln Electric Co., 1257 Monadnock Bldg., Chicago, Ill.

Lawrence S. Neeb, '24, is in New York City with the American Telephone & Telegraph Co.

Emmet G. Gardner is with the Illinois Bell Telephone Co. in Chicago.

Geo. O. Hawk, ex-21, is a lighting specialist with the Public Service Co. of Northern Illinois, at Chicago. Mr. Hawk was formerly with the Columbus Rail and Light Co.

MECHANICAL ENGINEERING

The following graduates of the class of '24 are with the Ohio Inspection Bureau: R. W. Hogan, E. J. Oswalt, G. M. Kuechle, J. D. Chench, W. C. Wagner, and George Dunbar. Mr. Dunbar has been working in southern Ohio, but manages to get back to Columbus to see the football games. George reports that he has had a card from "Shorty" Hammond, who is now "seeing things" in England.

Carl D. Laughlin, '24, is now with the Griscom-Russell Co. at Massilon, Ohio. He is assistant test engineer

in the Experimental Test Department.

Walter N. Ford, '24, is working as a draftsman with the Pennsylvania Rubber Co. at Jeannette, Pa.

S. R. Beitlier, '20, instructor in the Department of Mechanical Engineering, was married to Miss Katherine L. Lathouse, Sept. 16, 1924. Congratulations, Mr.

John M. Lynn, '17, is instructor of Machine Shop and Mechanical Drawing at the Ironton High School, Iron-

J. P. Borch, '24, has been installing a steam turbine in Sandusky for the Westinghouse E. & M. Co. of Phila-

delphia, Pa.

#

Carl H. Heldenbrand, '24, is with the Goodyear Tire & Rubber Co. at Akron. It was a pleasant surprise for us to learn that "Hildy" was recently married to Miss Olive Davy of North Canton, O. Both Mr. and Mrs. Heldenbrand have many friends at Ohio State this year who wish them happiness.

H. D. Gibson, '22, is with the Ingersoll-Rand Company of New York City and has applied for Junior Member-

ship in the A. S. M. E.

Arnold Mac Spaddin, '24, is working on the Baldwin Reservoir project in Cleveland and is living at 1636 Pontiac St., East Cleveland, O. Geo. O. Ellstrom, '05, is with the Jeffrey Mfg. Co.,

1858 McCormick Bldg., Chicago, Ill.
Eugene E. Landohl, '05, is with the Webster Mfg.
Co., 4500 Cortland St., Chicago, Ill. His son Richard expects to enter Ohio State next fall.

William H. Noble, '14, is with the Johns Manville

Co., 18th and Michigan Ave., Chicago, Ill.

METALLURGICAL ENGINEERING

C. H. Bischoff, '24, is working in the Metallurgical Department of the Timken Roller Bearing Co., Canton, Ohio.

R. C. Conklin, '24, is with the Toledo Furnace Co.. at Toledo, Ohio.

Kenneth Brintlinger, '24, is working under Mr. Earl Smith of the Central Steel Co. at Massilon. Mr. Smith is an Ohio State graduate.

Geo. Bierly, '24, is with the Columbus Bolt Co., Columbus, Ohio.

(Continued on page 26)

A Memo for **Roads Scholars**

Alton Brick Company Alton, Ill. Binghamton Brick Company Binghamton, N. Y.

Cleveland Brick & Clay Company Cleveland, Ohio Clydesdale Brick & Stone Co. Pittsburgh, Pa.

Coffeyville Vitrified Brick & Tile Co. Coffeyville, Kans. Collinwood Shale Brick Company Cleveland, Ohio

Francis Vitric Brick Company Boynton, Okla,

Boynton, Okla.
Georgia Vitrified Brick & Clay Co.
Augusta, Ga.
Globe Brick Company
East Liverpool, Ohio
Hisylvania Coal Co.
Columbus, Ohio

Hocking Valley Brick Company Columbus, Ohio

Independence Paving Brick Co. Independence, Kans. Metropolis Paving Brick Co. Pittsburg, Kans.

Metropolitan Paving Brick Co. Canton, Ohio Mineral Wells Paving Brick Co. Mineral Wells, Texas

Moberly Paving Brick Company Moberly, Mo.

Murphysboro Paving Brick Co. Murphysboro, Ill.

Nelsonville, Brick Co. Nelsonville, Ohio

Peebles Paving Brick Company Portsmouth, Ohio

Purington Paving Brick Company Galesburg, Ill.

Southern Clay Mfg. Company Chattanooga, Tenn.

Springfield Paving Brick Company Springfield, Ill.

Sterling Brick Company Olean, N. Y. Streator Clay Mfg. Company Streator, Ill.

Thurber Brick Company Ft. Worth, Texas

Toronto Fire Clay Company Toronto, Ohio

Trinidad Brick & Tile Company Trinidad, Colo. Veedersburg Paver Company Veedersburg, Ind. Western Shale Products Company Fort Scott, Kans.

Westport Paving Brick Company Baltimore, Md.

HERE will always be engineers who will be attracted by every novelty, anxious to try every new experiment. Let them gam-

ble, if they wish, with their

reputations - play safe with

your own.

When you come to your first paving project, advocate brick, specify brick, pave with brick and continue to do so -then you'll never have a skeleton in your paving closet. Remember this-no vitrified brick pavement ever wore out from the top down. Get your sub-construction right, surface it with brick and don't worry. (You won't need to.)

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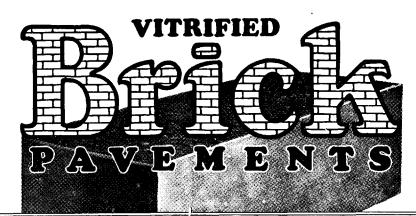
ASPHALT for Filler because it makes the trafficbearing surface a water-proof, flexible armor not subject to the cracks which follow rigid slab construction, and because repair costs are insignificant where each brick is an easily removable unit.

BRICK for *Surface* because it furnishes the best surface for traffic; hard, but not brittle -tough, but not rough -dense, and non-absorbent -smooth, but not "slick;" because its fire-hardened toughness resists wear and tear so sturdily that upkeep expense is squeezed to a minimum and because any margin of higher first-cost is speedily offset by low maintenance. long life and uninterrupted

CONCRETE, CRUSHED ROCK, CRUSHED SLAGOR GRAVEL for Base because some one of these bases meets any conceivable sub-soil condition, and with a bedding course of sand or screenings makes the best sub-structure yet developed for modern street or highway traffic.

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MINING ENGINEERING

- H. C. Lee, '24, is with the Wright Hargreaves Gold Mines, Limited, Kirkland Lake, Ontario.
- H. C. Rose and Geo. O. Zeigler, '24, are now in the Engineering Corps of the U. S. Gypsum Co. at Oakfield, New York.
- H. Y. Lin, '24, left for China on October 7th. His father owns a large tract of undeveloped coal fields which Mr. Lin expects to prospect.
- W. H. Cameron, '23, is superintendent of a limestone quarry for the U. S. Gypsum Co. at York, Pa. He has about seventy-five men working under him and he reports that he has to work from 18 to 20 hours a day to hold his job.

Lewis Daniels, '23, is selling machinery and supplies for the Jeffrey Mfg. Co. in southern Ohio.

James Johnson, '23, is mine foreman and assistant engineer for the Coal Mining Company of Wheelright, Ky.

H. L. Porter, '22, has been in Belgian Congo since January, 1923. In the fall of 1923 he contracted jungle fever and was removed to the coast where he recovered sufficiently to return to his work in the interior of the Congo district.

ARCHITECTURAL ENGINEERING

Clarence O. Badgley, '23, is now a student at Columbia University. Along with his school work Mr. Badgley works part time for Corbett & Helmle, one of America's most distinguished architectural firms. In a recent

(Continued on page 28)

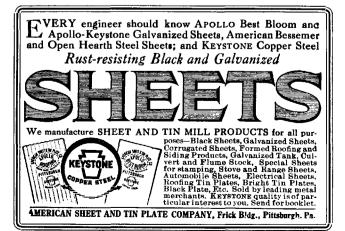
OPEN 11 A. M. TO 8 P. M.

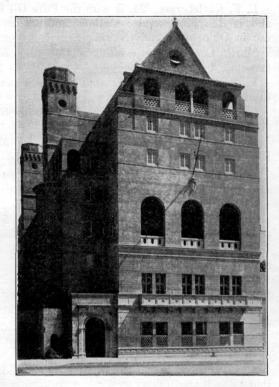
The Bronze Lantern

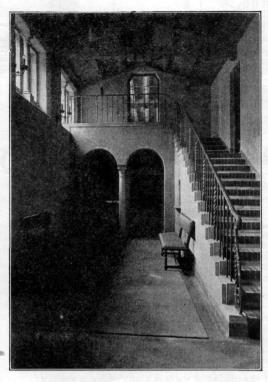
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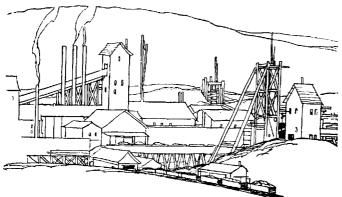
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competition for the Fellowship of the American Academy in Rome, Mr. Badgley placed second.

Howard E. Carr, '15, is located at 1006 S. Third St., Maywood, Illinois.

L. F. Karlsberger, '24, is with the Pure Oil Company and is designing service stations and warehouses for use in Ohio and Pennsylvania.

Martin Cody, '24, is working in Columbus for D. W. McGrath & Son.

V. R. McQuilken, '24, is staff photographer for the Chicago Art Institute.

Isabelle Chancellor is teaching at South Blooming-ville,

Raymond D. Galler, '24, is working for Meanar & Handloser at Huntington, W. Va.

CERAMIC ENGINEERING

Don McCann, '22, is on the campus for a few weeks conducting an investigation in connection with his work.

A. S. Adcock, '24, is employed with the Standard Sanitary Mfg. Co., Tiffin, Ohio.

A. D. De Val, '24, is in Zanesville with the Zanesville Stone Ware Co.

Walter Hughes, '24, is also in Zanesville and is employed by the Caustic Tile Co.

A. D. Keuchler, '24, is with the U. S. Bureau of Mines at Rollo, Montana.

N. M. Mellich, '24, is employed by the Nelson McCoy Pottery at Roseville.

Frank C. Schultz, '24, is working in Los Angeles for the Los Angeles Pressed Brick Co.

The following Ohio State Ceramics are with the Northwestern Terra Cotta Co. in Chicago: D. F. Alberry, '09; H. D. Callahan, '19, and H. E. Davis, '19.

Walter A. Hull, '02, who was with the Northwestern Terra Cotta Co. for a number of years, is now Ceramic Engineer for the Clay Service Corporation, 728 N. Wells Ct., Chicago, Ill.

MECHANICALS

O. J. Stallkamp, '22 and J. E. Keller, '21, have accepted positions with the Standard Oil Company of Indiana.

Ezra K. Nicholson, '21, is assistant to the Assistant Chief Engineer of the C. & G. Cooper Co., Mt. Vernon. Ohio. He is doing experimental and research work on stationary gas engines and compressors and supervising the lay-out of complete gas compressing stations.

E. L. Andrews, Jr., '24, is taking the special factory training course with the General Electric Company, and is living at No. 17 Eagle St., Schenectady, N. Y. The course covers training the technical graduates for the managing and business end of the electrical industry as well as for the engineering end.

Mr. H. M. Richards has recently been appointed district manager in charge of the Cleveland District Office of The American Rolling Mill Company. For a number of years he was located at the home offices of the company, and in recent years has been attached to the Pittsburgh District Office. Mr. J. T. Hagan, of Cleveland, is associated with Mr. Richards in his new work, and the office is now established at 1408 B. F. Keith Building.