## Commissioners Open Highland Park Span

# SPAN OFFERS

Colorful Ceremonies Ready For Dedication Event Tomorrow

new Highland Park Bridge over the Allegheny River between Pittsburgh and the Sharpsburg-Aspinwall district will be dedicated and opened tomorrow.

A series of short speeches by county, city, borough and township officials, band music and a parade of Boy Scouts and drum

State Route 8 by way of Sharps-Mr. Kane

County Commissioner John S. Herron will be the first speaker for the occasion. He will introduce Commissioner George Rankin Jr., who will serve as chairman.

der whose supervision the bridge in height and three inches across was constructed. County Commission Chairman John J. Kane will officially receive the span and present it to the public.

Other Speakers Listed Other speakers will be: County

Commistent James L. O'Toole, the resident of East

aintained by Allegheny County 44,

structures is computed by engineers \$710,000 of the cost in a grant. at 58 million dollars. The new Highland Park Bridge The bridge will offer four lanes will be the world's first to provide a for auto traffic and gives pedesconcrete dividing strip as a safety trians two sidewalks, measuring eight

and rising from the bridge floor.

Replaces Old Structure

itricate traffic

Mr. Herron

the county to 1548. Value of these Government provided approximately Four Lanes of Traffic

of traffic separated. This division way. For foot passengers' safety, a the various traffic dividers and an

system of road-

precaution to keep alternate flows feet each at the sides of the road-

Unique in the construction will be the system for separating traffic at the bridge terminals. At the south There are six main river spans. The bridge will replace the old side of the river, there are approxi- feet with 30 feet visible above the Highland Park Bridge, within sight mately 2250 feet of approach road-surface and 50 feet located below

Blinkers will guide motorists along huge piers.

In turn, he will present County will be accomplished with a white- curbing 14 inches high will separate them from the roads over the bridge. Colored concrete ridge nine inches the construction will be lighting system. Twelve piers support the bridge.

end of the bridge, on the Pittsburgh The average height of the piers is 80

end of the span on the north, 1800 River averages 20 feet in depth at feet of concrete roadway and 1370 the span. It was necessary for feet of new Freeport Rd., will be workmen to dig and drill 18 feet below the river bed to anchor the

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PITTSBURGH

Highland Park Bridge

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MA. 2163

PITTSBURGH

The new 21/2 million dollar Highland Park Bridge across Allegheny River, is shown in white at the center of the above aerial photo by Capt. Verne L. Hubbard of Army Air Corps Reserve. At the top is the old Highland Park span, soon to be removed. Between it and the new bridge is a Federal dam, below a Pennsylvania Railroad span. 2-Looking east on Freeport Rd. as it runs under the Sharpsburg-Aspinawll end of the new bridge whose traffic dividing system is partly visible to right. 3-Washington Blvd. is shown passing beneath the Pittsburgh approach to the bridge.

#### SPRING GARDEN BRICK CO.

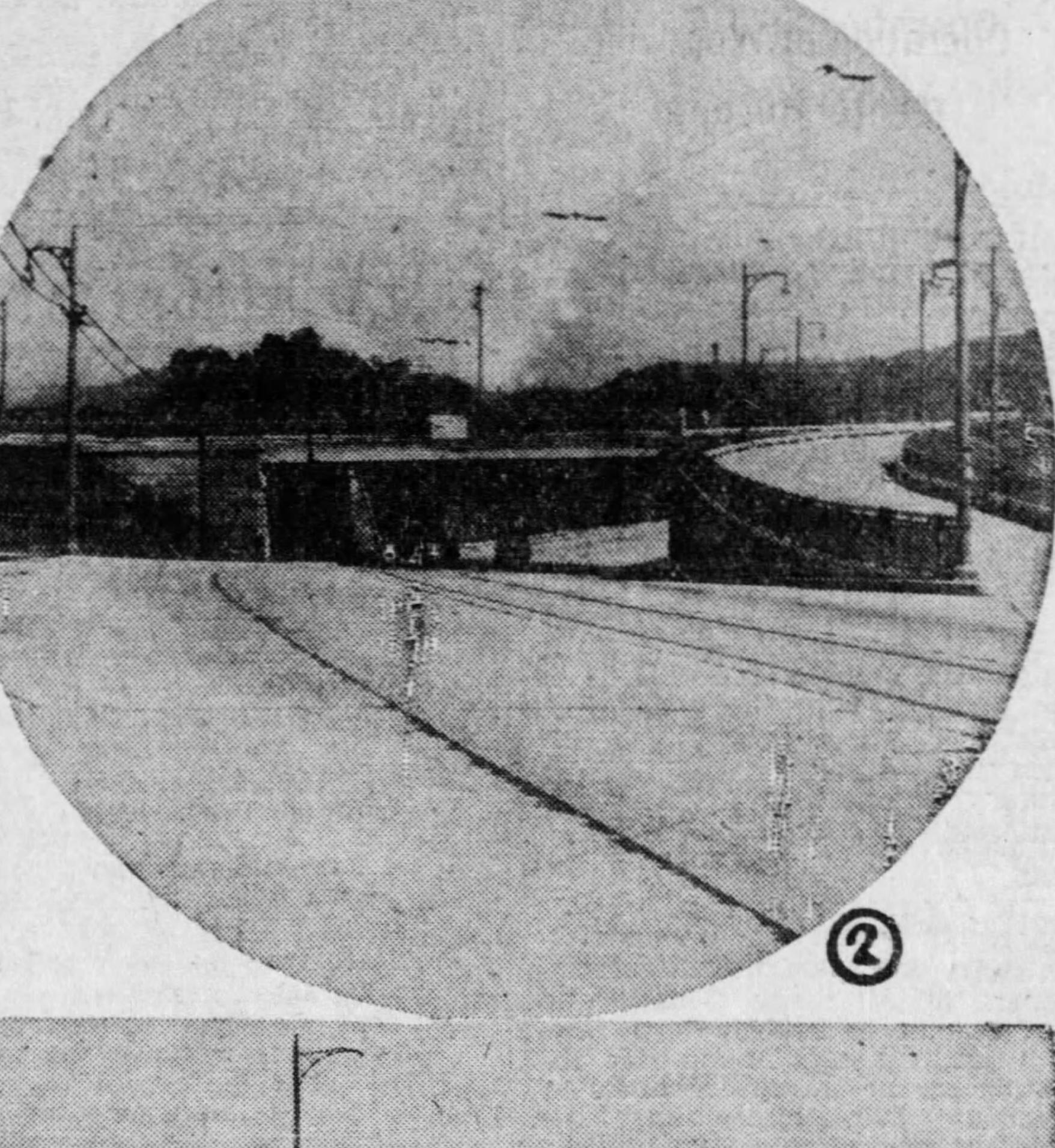
MANUFACTURERS AND DISTRIBUTORS

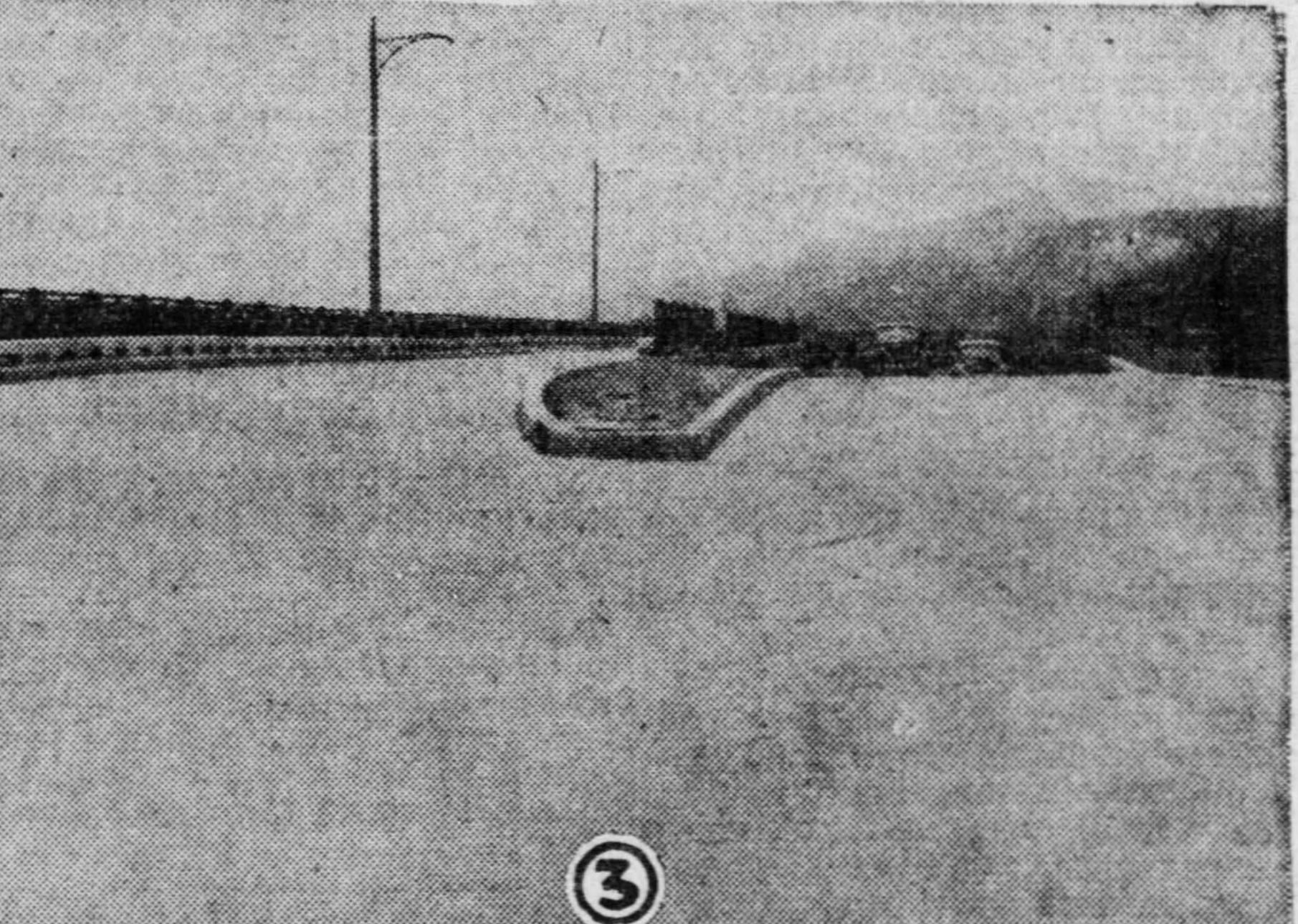
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### The Hillside Stone and Supply Company

BUILDERS' SUPPLIES

ASPINWALL, PA.

Suppliers of materials incorporated into this Bridge's Approaches, extend congratulations to those responsible for the successful completion of the Highland Park Bridge.

#### INGOMAR ROAD

A Much Needed Improvement Through Allegheny County North Park, Is Now Under Construction by

## JOHN KIRCH GENERAL CONTRACTOR

830 BROCKET ST. PITTSBURGH, PA.

## HENRY BUTCH CO.

Endorse and Support the Present County Commissioners in Their Efforts to Give to This County the Improvements Which Are Needed for the Comfort, Convenience, and Safety of Its People.

The South Approach to the NEW HIGHLAND PARK BRIDGE Was Constructed By

HENRY BUTCH CO., Inc. PITTSBURGH, PENNSYLVANIA

## RELIANCE STEEL PRODUCTS CO.

MCKEESPORT, PA.

Fabricators of the Special

#### I Beam Interlock Bridge Flooring

and contractors for the Paving of the Bridge Deck and Sidewalks of the New Highland Park Bridge, take this opportunity to congratulate the Board of County Commissioners and Director John F. Laboon for a notable achievement in bridge construction.

#### ALL ELECTRICAL WORK

INCLUDING

INSTALLATION OF CONDUIT, WIRING AND INSTALLATION OF FIXTURES, AND TRANS-FORMER FACILITIES AND THE PHOTO ELEC-TRIC CELL WHICH CONTROLS AUTOMATIC LIGHTING ON THE NEW HIGHLAND PARK BRIDGE AND APPROACHES.

INSTALLED BY

## LORD ELECTRIC CO. INC.

FORTY-FOUR YEARS EXPERIENCE

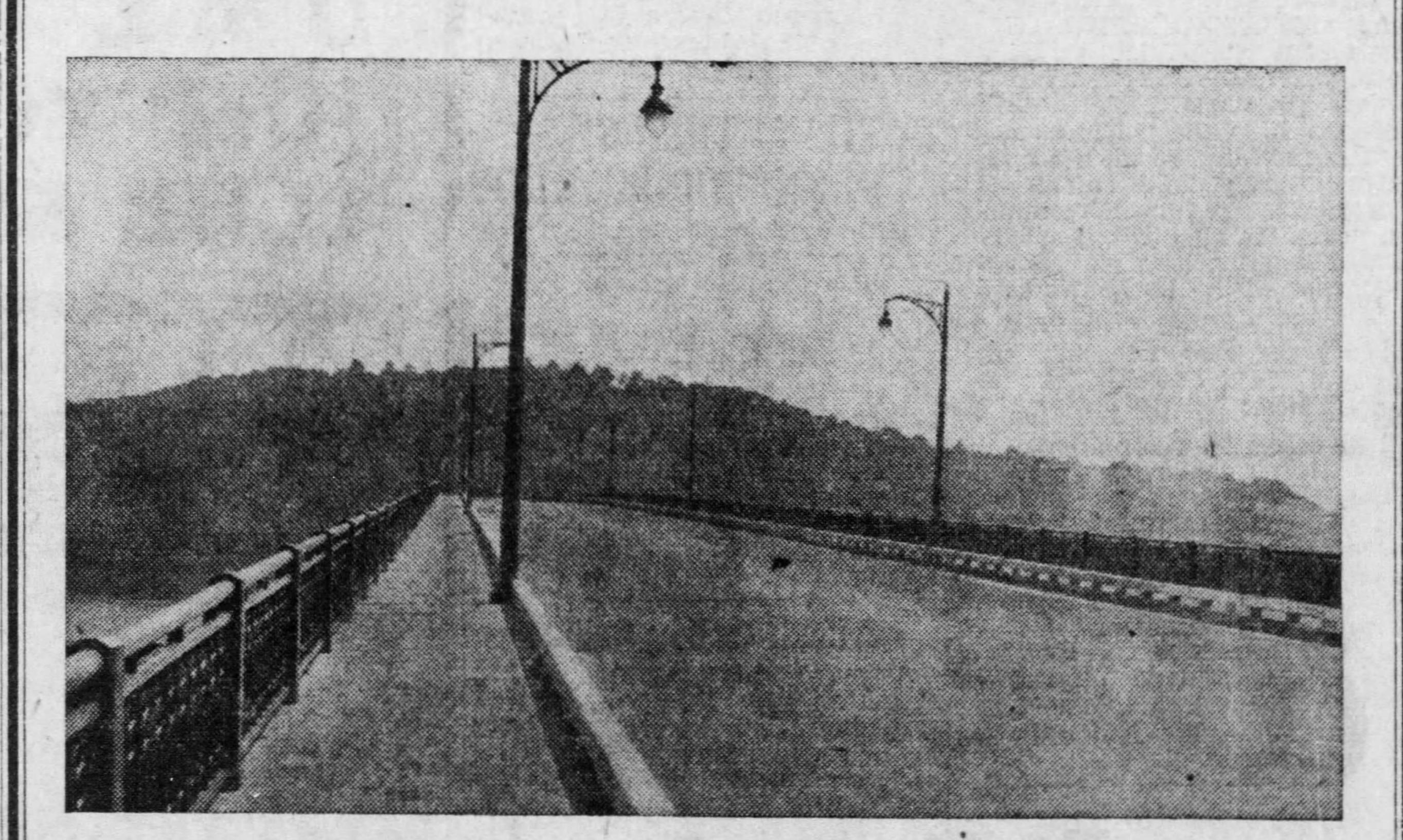
PITTSBURGH, PA.

## MIKE MANNELLA

GENERAL CONTRACTOR

1943 Oliver Building Pittsburgh, Pa.

CONTRACTOR FOR THE PAVING OF THE NEW HIGHLAND PARK BRIDGE



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#### Mason & Hanger Co. Bid Low on Lackawack Dam

The Mason & Hanger Co., New York City, submitted the low bid of \$15,486,-150 to the New York Board of Water Supply on July 25 for the construction of Lackawack Dam on the Delaware River water supply project for the city. Jahn-Bressi-Bevanda Const. Co., Inc., Los Angeles, was second low with a figure of \$16,195,700. The three other bids received were: Keystone Co., San Francisco, \$16,720,150; Perini-Maney-Rugo, Framingham, Mass., \$19,794,287; Lackawack Dam Corp., Pleasantville, N. Y., \$22,134,000.

Lackawack Dam will be a rolled earth fill structure 200 ft. high, 2,500 ft. long, containing some 9,000,000 cu.yd. of fill. Included in the contract are also Shaft No. 1 of the aqueduct, 980 ft. deep, 1 mile of aqueduct tunnel, caisson cutoff wall under the dam to rock, 1,400 ft. blowoff tunnel and a long waste weir. The diversion tunnel, earth cofferdams and part of the base of the dam are being completed under a previous contract.

#### Rio Grand Survey Completed

Surveys for a proposed 300,000-acre irrigation development on the Texas side of the lower Rio Grande River have been completed by an engineering board headed by J. L. Burkholder of El Paso, senior engineer of the international boundary commission.

Development of the irrigation projects by the Mexican government has caused, at certain periods each year, such a decrease in the normal flow of the international boundary stream that but little water is obtainable for crops on the American side.

#### A.S.C.E. Directors Approve Salary and Grading Plan

At a meeting of the Board of Directors of the American Society of Civil Engineers in San Francisco prior to the convention this week, Glenn L. Parker was appointed to fill the unexpired term of the late R. K. Tiffany, director from District 12. W. J. E. Binnie, president of the Institution of Civil Engineers, London, England and J. M. R. Fairbairn, until recently chief engineer of Canadian Pacific and past president of the Engineering Institute of Canada, were elected honorary members.

The most important action of the board was to approve the salary schedule and grading plan that has been developed over a long time and through intense effort by a special committee. A pre-professional grade (salary range \$1,320-\$1,980) was added to the three grades put out for discussion last January. Minimum requirements for the professional grades include two years experience plus graduation from an accredited school or eight years experience for non-graduates. Salaries range from \$2,040 in grade one to \$3,900 in grade three.

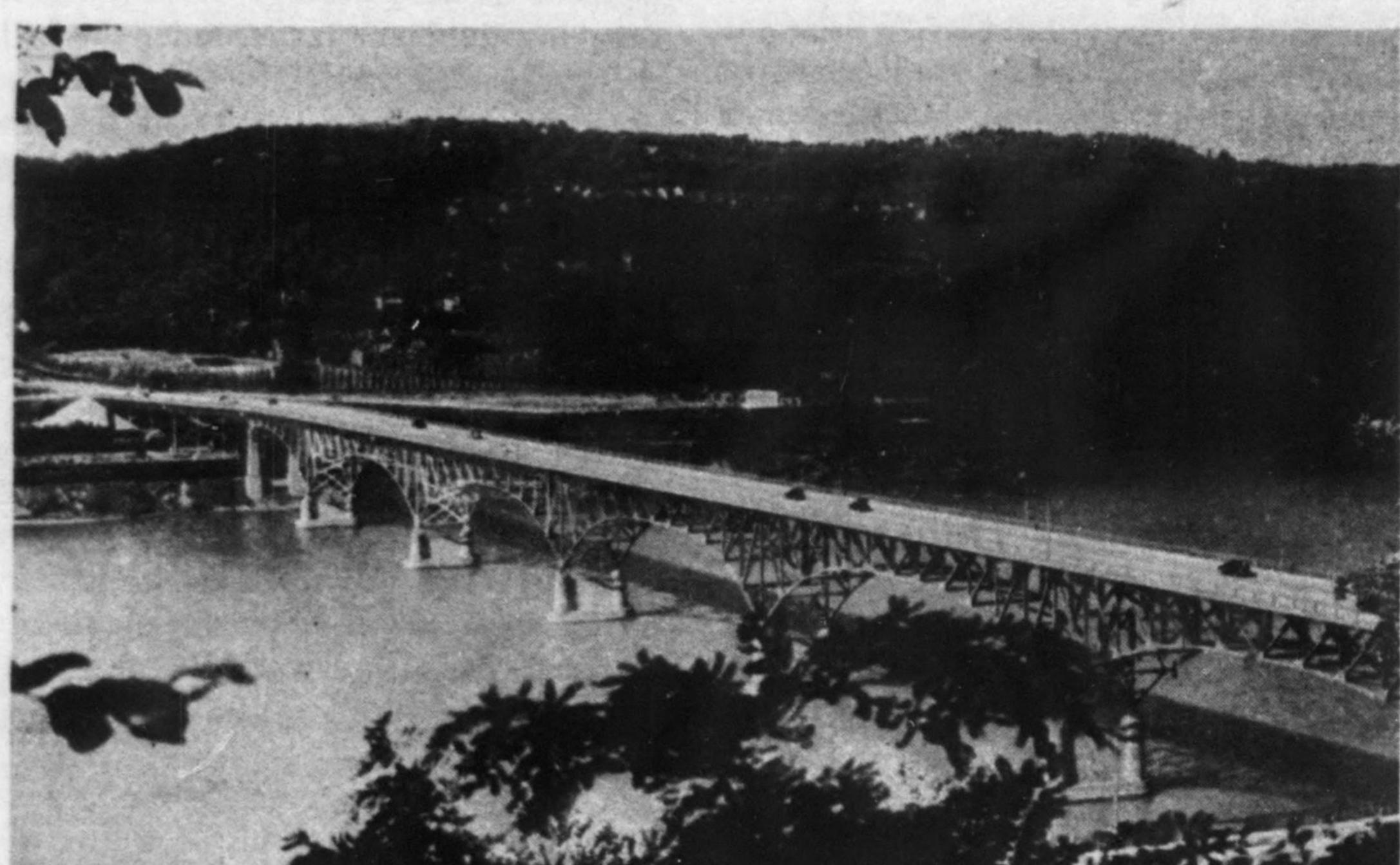


Photo by John R. Heckman

#### BRIDGE OVER ALLEGHENY AT PITTSBURGH COMPLETED

The new Highland Park Bridge over the Allegheny River at Pittsburgh has been opened to traffic. Built at a cost of \$2,500,000, the bridge will replace the old Highland Park Bridge farther downstream, which was erected in the eighties and now is to be dismantled. Construction started in November, 1937

with a federal grant of \$710,000. The main crossing totals 1718 ft. and the approach spans 589 ft. A 42-ft. roadway flanked by  $2\frac{1}{2}$  ft. sidewalks, is provided. The Holmes Construction Co. was the contractor for the substructure and the Bethlehem Steel Co. for the superstructure.

## WASHINGTON HIGHLIGHTS

Special reports by Paul Wooton

Rumors currently circulating to the effect that the U.S. Housing Authority was planning to do something about public housing for the middle income group between \$1,100 and \$1,800 were laid at rest, at least as far as the administration is concerned, when USHA Administrator Straus said in a speech that the lowest income group alone is now being served and that future efforts will be confined to this group. He pointed out that USHA monthly rentals now range \$6 or \$7 per dwelling in the South to \$17 or \$18 in the North. USHA can help the middle group, he said, by providing an example of low cost construction to private builders. If builders duplicated the \$3,100-\$3,600 construction costs of USHA, he asserted. they could serve the \$1,500 income group and, with a slight reduction in interest rates, the \$1,200 income group.

TIME FOR STARTING work on the new Niagara Falls Bridge at Niagara Falls, N. Y., was extended until June 16, 1940, by a bill signed by the President on July 26. The new measure repeals a provision in the 1938 bill authorizing construction of the bridge which would have exempted bonds of the Niagara Falls Bridge Commission from taxation. It also requires that the commission receive competitive bids on its securities. An extension of the starting deadline was passed earlier in this session but was vetoed by the President because he objected to the tax-exemption feature in the original authorization.

#### A Driver and His Horse Wait to be Unionized

Richard H. Smith, of Springfield, Mass., last week awaited a ruling on whether he and his horse would have to join the local Hoisting Engineers' Union.

James Bird, business agent for the local, advised a contractor building a new school that a licensed hoisting engineer should be employed to lead the horse, which is used to haul up pails of mortar to masons building a smoke-stack.

Smith, driver of the horse, said he was willing to join the union and so was his horse. Union officials went into a huddle with the construction foreman to work out the answer.