

the rails of said side track or spur track, and for a distance of eighteen inches outside thereof and to at all times during the life of this grant, re-pave, re-surface the roadway between the rails of said side track or spur track and for a distance of eighteen inches outside thereof whenever so directed by said Commissioner of Public Works; which agreement shall be further conditioned that the said grantee shall indemnify and save harmless the City of Detroit from any and all damages growing out of the defective condition of so much of said roadway as it is obligated hereunder to maintain and that the failure of the Commissioner of Public Works to give to said grantee notice of such defective condition shall in no event operate to defeat the right of the City of Detroit to be indemnified and saved harmless from any and all such damages, and which agreement shall contain a stipulation that the privilege hereby granted shall be automatically terminated by any change of grade which may effect the relevant physical situation obtaining at the date hereof; the City Clerk shall not accept this agreement unless it is accompanied by or has in it incorporated a good and sufficient bond in the sum of \$5,000, guaranteeing to the City of Detroit the performance by the grantee herein of the conditions herein imposed, and shall also contain a waiver of all grade separation damages that may be suffered by said grantee in connection with said side track or spur track herein granted.

Adopted as follows:

Yeas—Councilmen Bielman, Bradley, Castator, Kronk, Littlefield, Nagel, Simons and the President Pro Tem.—8.
Nays—None.

By Councilman Bradley:

Resolved, That the Department of Public Works be and is hereby authorized and directed to issue a permit to Sanders and Ames to install a gasoline pump at curb line in front of premises at 371-373 Myrtle street, upon payment of a fee of \$5.00 to said Department;

Provided; That said work shall be performed under the supervision of the Department of Public Works and in accordance with plans submitted to and approved by said Department;

Provided; That no rights in the public streets shall be considered waived by this permission, which is granted expressly on the condition that said gasoline pump and all obstructions in connection therewith shall be removed at any time when so directed by the Common Council; and further

Provided, That said permit issued by the Department of Public Works is granted with the distinct understanding that in the event of Charter being amended in such manner as will provide for the levying of a fee to be hereafter determined upon, for the occupancy of public property, that the grantee will pay said fee provided for in said act, and that said grantee does hereby bind himself thereunto and accept said permit on the conditions hereby imposed.

Adopted as follows:

Yeas—Councilmen Bielman, Bradley, Castator, Kronk, Littlefield, Nagel, Simons and the President Pro Tem.—8.
Nays—None.

By Councilman Bradley

Resolved, That the Department of

Public Works be and is hereby authorized and directed to issue a permit to Detroit Creamery Company to construct one 1¼" Steam Line, one 1" Return Condensation Line, one 1½" Air Line to be placed 3½ feet under street paving and enclosed in one 4" conduit, across Middle street;

Provided, Said tunnel and steam lines shall be approved by the City Plan Commission;

Provided; That said work shall be performed under the supervision of the Department of Public Works and in accordance with plans submitted to and approved by said Department;

Provided; That no rights in the public streets shall be considered waived by this permission, which is granted expressly on the condition that said tunnel and steam pipes, and all obstructions in connection therewith shall be removed at any time when so directed by the Common Council; and further

Provided; That said permit issued by the Department of Public Works is granted with the distinct understanding that in the event of Charter being amended in such manner as will provide for the levying of a fee to be hereafter determined upon, for the occupancy of public property, that the grantee will pay said fee provided for in said act, and that said grantee does hereby bind himself thereunto and accept said permit on the conditions hereby imposed.

Adopted as follows:

Yeas—Councilmen Bielman, Bradley, Castator, Kronk, Littlefield, Nagel, Simons and the President Pro Tem.—8.
Nays—None.

Streets.

To the Honorable the Common Council Gentlemen—Your Committee of the Whole has had under consideration petitions of the Fisher Body Corporation (1698) for permit to place area with iron grating in Riopelle street adjoining their property, and of Good Service Tire Repair Co., (1567) for permit to place gasoline pump in front of premises at 1683 Michigan avenue. Your Committee have consulted with the Department of Public Works and recommend that said petitions be denied.

Respectfully submitted,

W. P. BRADLEY,
Chairman.

Accepted and adopted.

Street Openings.

To the Honorable the Common Council: Gentlemen—Your Committee of the Whole has had under consideration the petition of the Enterprise Foundry Company (1707) for hearing in matter of opening of street extending from Warren to Theodore avenues, recently ordered by your Honorable Body. Your Committee find that it will be proper to accede to the request of said company that the property known as lots "M" and "H" in said block for the opening of a thirty foot street, for the reason that same will conform to the present "Dennis" street in the adjoining block and we therefore recommend that the Corporation Counsel be directed to cause the necessary steps to be taken for said street opening in accordance with the foregoing and we further recommend that the alley deeded by the Enterprise Foundry Company to the city in conjunction with the former

closing of Meldrum avenue be returned to said company.

Respectfully submitted,
W. P. BRADLEY,
Chairman.

Accepted and adopted.

To the Honorable the Common Council:
Gentlemen: To your Committee of the Whole was referred the petition of Charles W. Munz (1577), for the vacation of alley first west of and parallel to Fourteenth avenue, and extending from Ferry Park avenue to alley south of and parallel to West Grand Boulevard. Petitioner being the owner of all property abutting on the alley requested to be vacated, your committee recommends that the petition be granted.

Respectfully submitted,
W. P. BRADLEY,
Chairman.

By Councilman Castator:

Resolved, That "All of the public alley, 20 feet wide, first west of and parallel to Fourteenth avenue, and lying between the north line of Ferry Park avenue and the south line of the alley first north thereof, and adjoining lots 13, 14, 15, 16, 17, 18, 19 and west 35 feet of lots 20 and 21, of Thos. W. Wreford's sub., of lots 1 and 2 of the sub. of the east part of the Messmore Farm, Frac. Sec. T. 1. S. R. 11 E. as recorded in Liber 10, page 35, of plats. Wayne County Records, be and the same is hereby vacated;

Provided, That petitioner pays into the City Treasury, within 30 days from the date of the adoption of this resolution, whatever expense may have been incurred by the City of Detroit in the matter of paving, crosswalks, sidewalks, etc., as may be certified by the City Engineer; and further

Provided, That by reason of the vacation of the above described alley, the City of Detroit does not waive any rights in the sewer located in the alley aforesaid, and shall at all times have the right to enter upon the premises if found necessary on account of the sewer located therein, to repair same.

Adopted as follows:
Yeas—Councilmen Bielman, Bradley, Castator, Kronk, Littlefield, Nagel, Simons and the President Pro Tem.—8.
Nays—None.

**Majority Report
Sewers.**

To the Honorable the Common Council:
Gentlemen: To your Committee of the Whole was referred the resolution presented by Councilman Bradley at the session of July 29 (J. C. C. p. 1186) directing the City Controller to provide a credit for the certification of contracts in a sum not to exceed \$3,675,000.00, and authorizing the Commissioner of Public Works to enter into contract as soon as practicable, for the construction of the proposed Connors Creek sewage treatment plant and sewer therefrom to the Detroit River. Your Committee has had under consideration in conjunction with the aforementioned resolution the different plans upon which the City Engineer reports as follows:

Gentlemen: In compliance with your resolution of the 5th instant, I submit herewith a report of the various studies made covering the project of outlet sewer from the Connors Creek sewage treatment plant to the Detroit River. Six different projects have been

considered and preliminary estimates prepared on each of them. The general conditions to be met are as follows:

Total length from sewage treatment plant to the harbor line is approximately 13,000 ft., depending on the route selected.

Width of existing channel below Jefferson Ave., 80 ft.

Connors Creek, from Jefferson Ave. to the plant—unimproved.

Present flood discharge, approximately 1,500 cu. ft. per second.

Capacity of water ways under existing bridges, about 1,500 cu. ft. per second.

Ultimate flood discharge to be cared for—5,000 cu. ft. per second.

The treatment plant contemplates use of tanks, which will remove 95 per cent of the organic matter capable of settling, and in addition the use of disinfectant to sterilize the effluent. The sewage leaving the tanks will still contain organic matter in solution and in colloidal form. To remove this matter would require expensive trickling filters, which in the opinion of the State Board of Health, the International Joint Commission and ourselves is not necessary for Detroit conditions, due to the fact that the large dilution of the Detroit river will properly oxidize the organic matter still remaining in the sterilized effluent from the Imhoff tanks. Taking advantage of the dilution factor of the Detroit river makes trickling filters unnecessary and effects an enormous saving both in the first cost of the plant and in the annual operating costs. However, the sewage after passing through the treatment plant will still contain a percentage of putrescible matter in solution and in colloidal form. Also the storm water floods will contain organic matter washed off the streets, and a small percentage of sanitary sewage during times of storm. For these reasons, a covered sewer is considered advisable and eventually will be imperative.

Six plans for the outlet sewer have been considered. They are:

(1st)—The construction of a dredged channel, 16 ft. deep; 20 ft. wide on the bottom; 68 ft. wide on the top, in the present Connors Creek valley, from the plant to Jefferson Ave., having a capacity of 2,500 cubic feet per second, or one-half the ultimate discharge. The estimated cost of this construction is \$600,000, exclusive of right-of-way. This plan involves the minimum straightening of the present channel and will make use of existing bridges so far as feasible. The right-of-way required for this channel will be approximately 100 ft. wide by 8,535 ft. long, containing about 20 acres. This channel will care for flood discharge for the next five years, at the end of which period additional construction will be required. The annual cost of such a channel for a five years' life, with money costing 4½ per cent per annum, will be approximately: Sinking Fund, \$109,700; Interest, \$27,000; Maintenance, \$11,500. Total, \$148,200.

(2nd). To dredge a channel of size sufficient to take afflow of 5,000 cubic feet per second, which will eventually occur. This would involve rebuilding of bridges and channels under existing buildings. The channel will be 20 ft. deep, 33 ft. wide on the bottom; 93 ft. wide on the top, and will require right-of-way of about 150 feet wide to properly care for banks. The