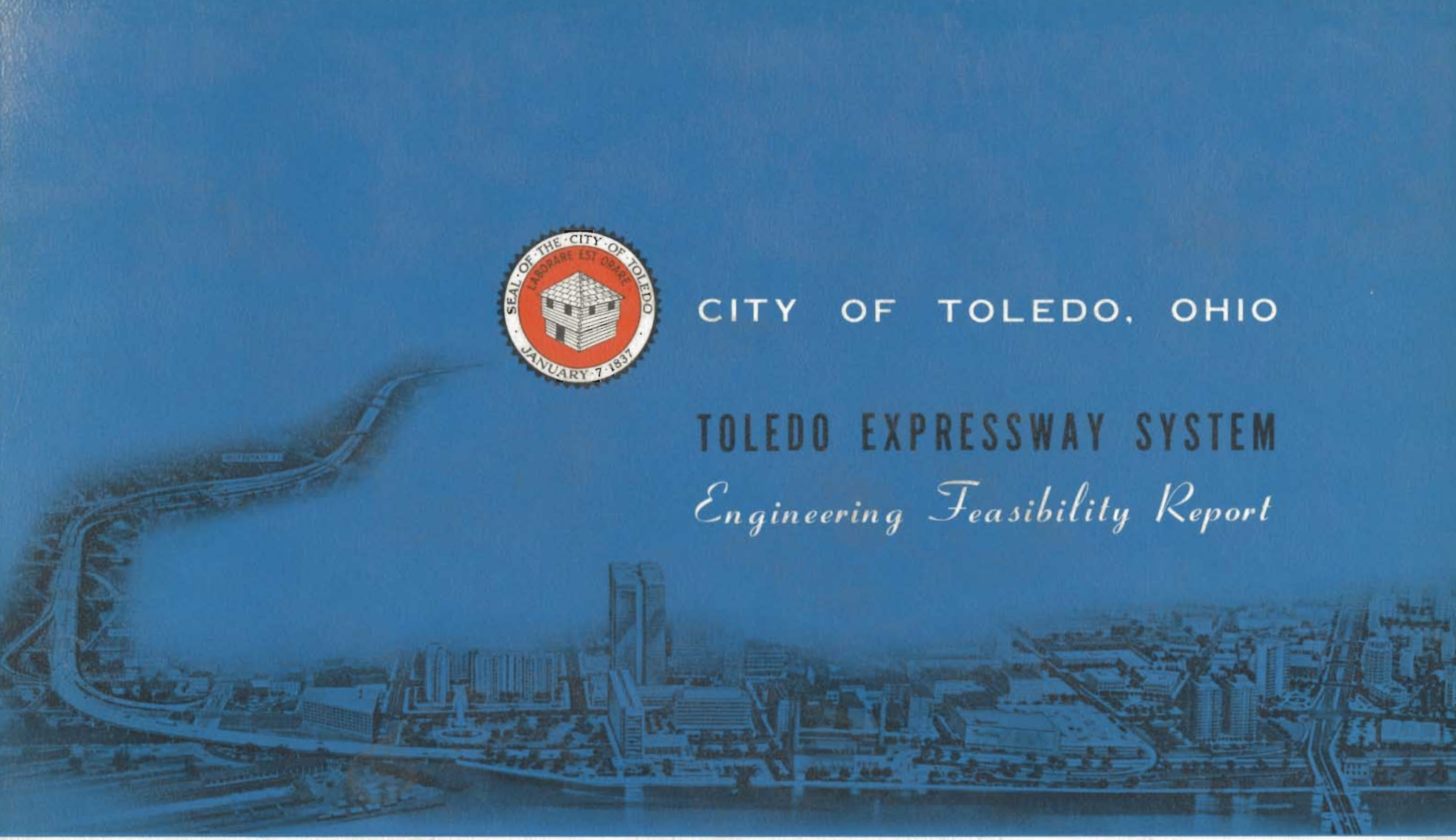

CITY OF TOLEDO, OHIO

TOLEDO EXPRESSWAY SYSTEM

Engineering Feasibility Report

TOLEDO DOWNTOWN DISTRIBUTOR

Howard, Needles, Tammen & Bergendoff
CONSULTING ENGINEERS

Hal G. Sours
ASSOCIATE

SEPTEMBER 1965

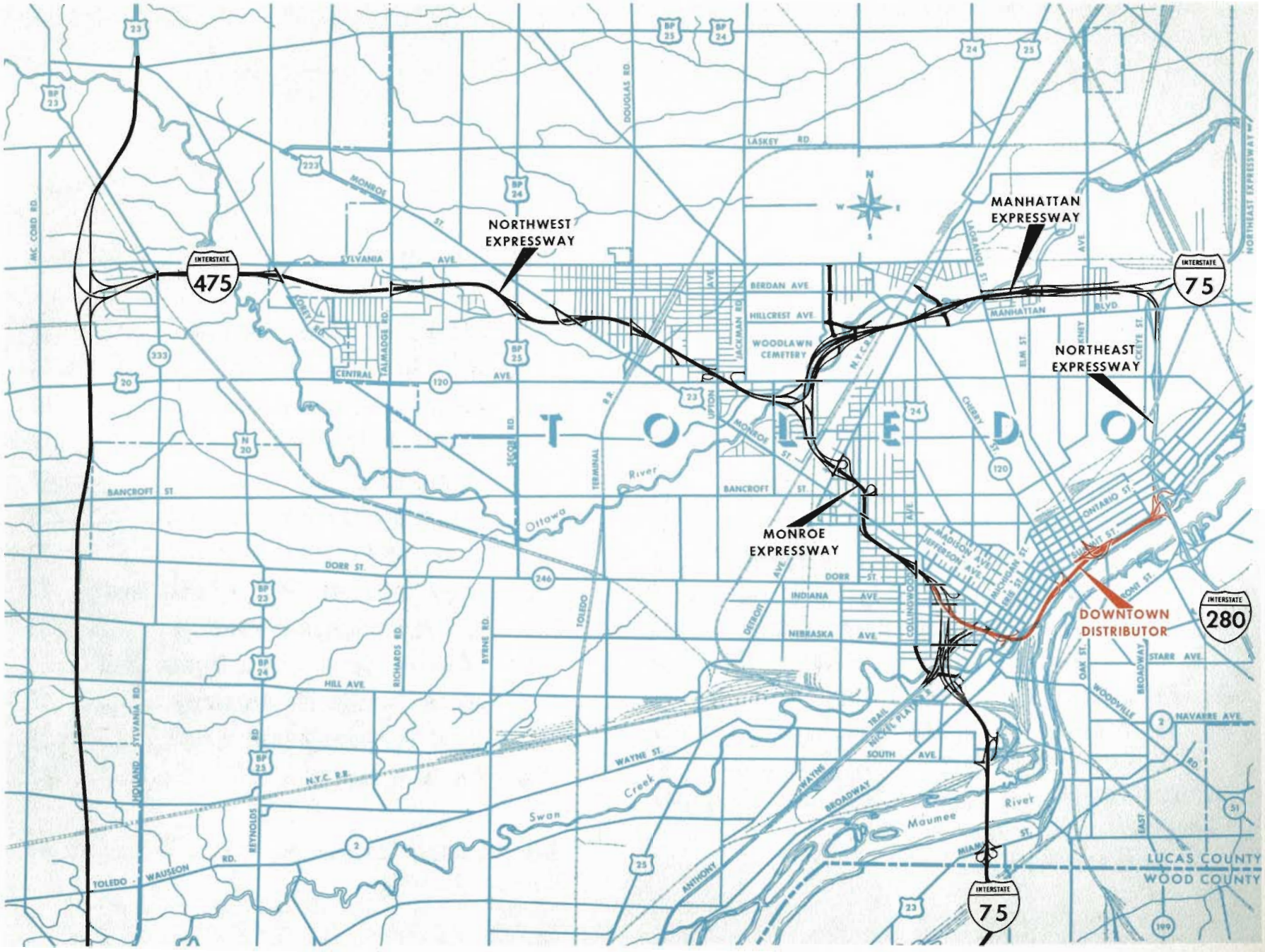

Figure 1 - Toledo Area Map

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ERNEST E. HOWARD
1903 - 1953
HENRY C. TAMMEN
1908 - 1961

HOWARD, NEEDLES, TAMMEN & BERGENDOFF
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MILWAUKEE, WISCONSIN
NEW YORK, NEW YORK
ORLANDO, FLORIDA
OVERLAND PARK, KANSAS
SEATTLE, WASHINGTON
WASHINGTON, D.C.

September 30, 1965

Mr. Frank H. Backstrom
City Manager
565 North Erie Street
Toledo, Ohio

Dear Mr. Backstrom:

We respectively submit our feasibility report for the proposed Toledo Downtown Distributor which summarizes the results of location studies, preliminary designs, interchange type studies and estimates of cost.

The report describes the basic data utilized in the study, the principal features of the facility which connect Interstate Routes 75 and 280, the areas of the project where additional study is warranted, and sets forth possible priorities of construction.

As shown in Table I, the cost of the project is estimated to be $17,557,000 which includes the cost of right of way acquisition and an allowance for contingencies and construction engineering.

This report is intended to provide a basis for subsequent phases of plan development. It is recognized that during the preparation of advanced plans, modifications can be made to satisfy local situations or changed conditions. During preparation of this report, data for a transportation study of the Toledo Metropolitan Area was also being assembled. The proposed Distributor Project should be reviewed as soon as traffic information becomes available to insure proper plan development and coordination.

Full consideration has been given to the suggestions and recommendations resulting from conferences and reviews and previous studies by others. Grateful acknowledgment is made to representatives of the City and Lucas County, the Ohio Department of Highways, the U. S. Bureau of Public Roads and local owners or representatives of property owners for data furnished and cooperation during the preparation of this report.

Respectfully submitted,
HOWARD, NEEDLES, TAMMEN & BERGENDOFF

R. N. Bergendoff

R. N. Bergendoff

Toledo Downtown Distributor

Engineering Feasibility Report

I. INTRODUCTION AND SCOPE

A report entitled "Toledo Urban Expressway System, Corridor Report for Downtown Distributor", prepared and issued by the Consultant on June 29, 1964, concluded the first phase study for a Toledo Downtown Distribution System. Three corridors identified as Lines A, B and C and shown on Figure 2 were presented and compared in this report. The recommended corridor, Line C, was selected after thorough study of the advantages and disadvantages of the most feasible locations between Interstate Routes 75 and 280.

On September 28, 1964, the Toledo City Council approved Corridor Line C as the route for the Distributor. Concurrence of this selection had been made by the City Traffic Engineer, the Lucas County Engineer, the Ohio Department of Highways, the Toledo–Lucas County Plan Commissions, the Urban Renewal Agency and the City of Toledo Division of Engineering and Construction.

This report presents the results of the second phase – the location of a facility within this corridor. Presented as a part of this report are a review of the data used to develop the plan, alternative studies and estimates of construction cost.

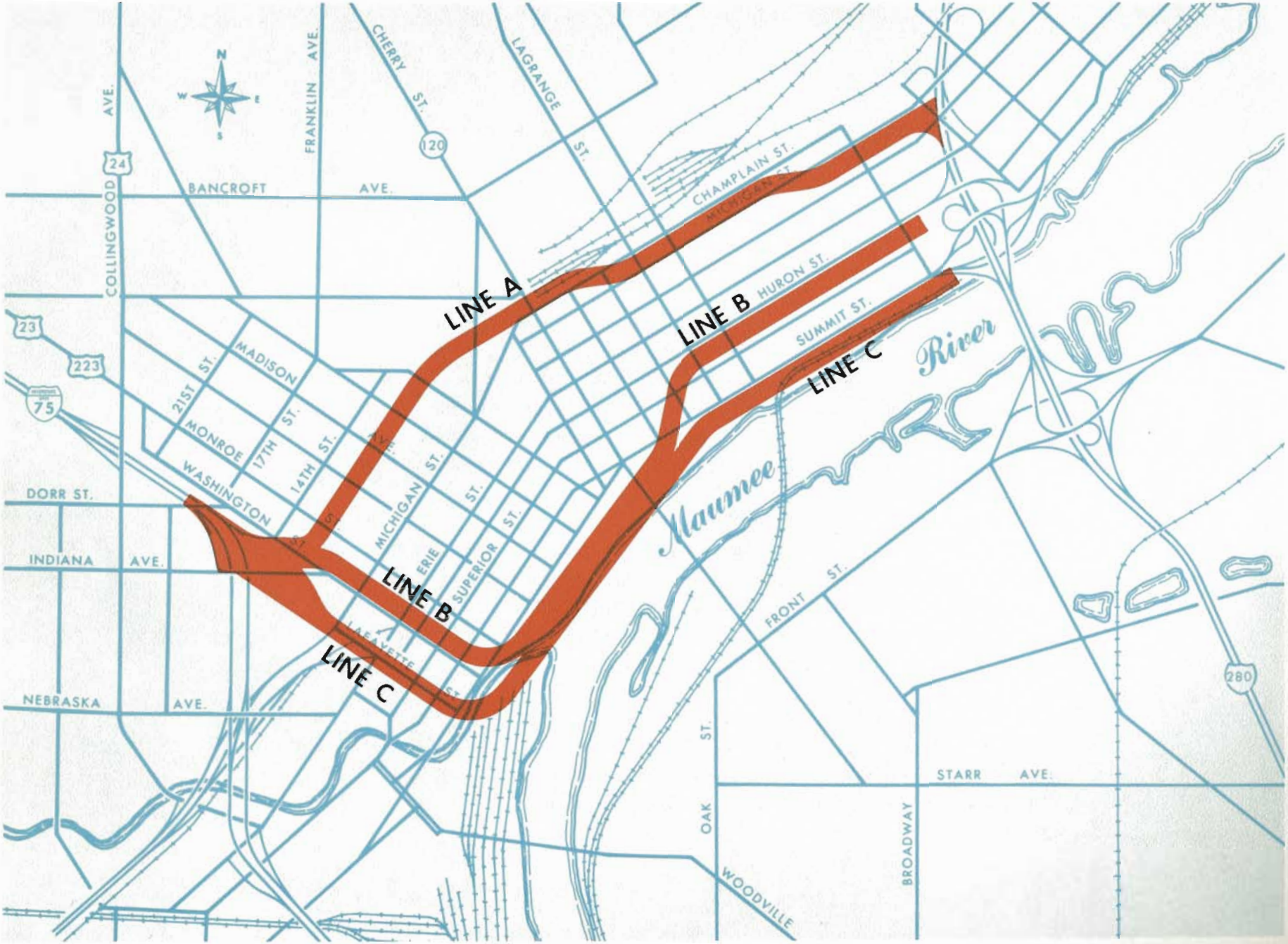

Figure 2 - Phase I Corridors

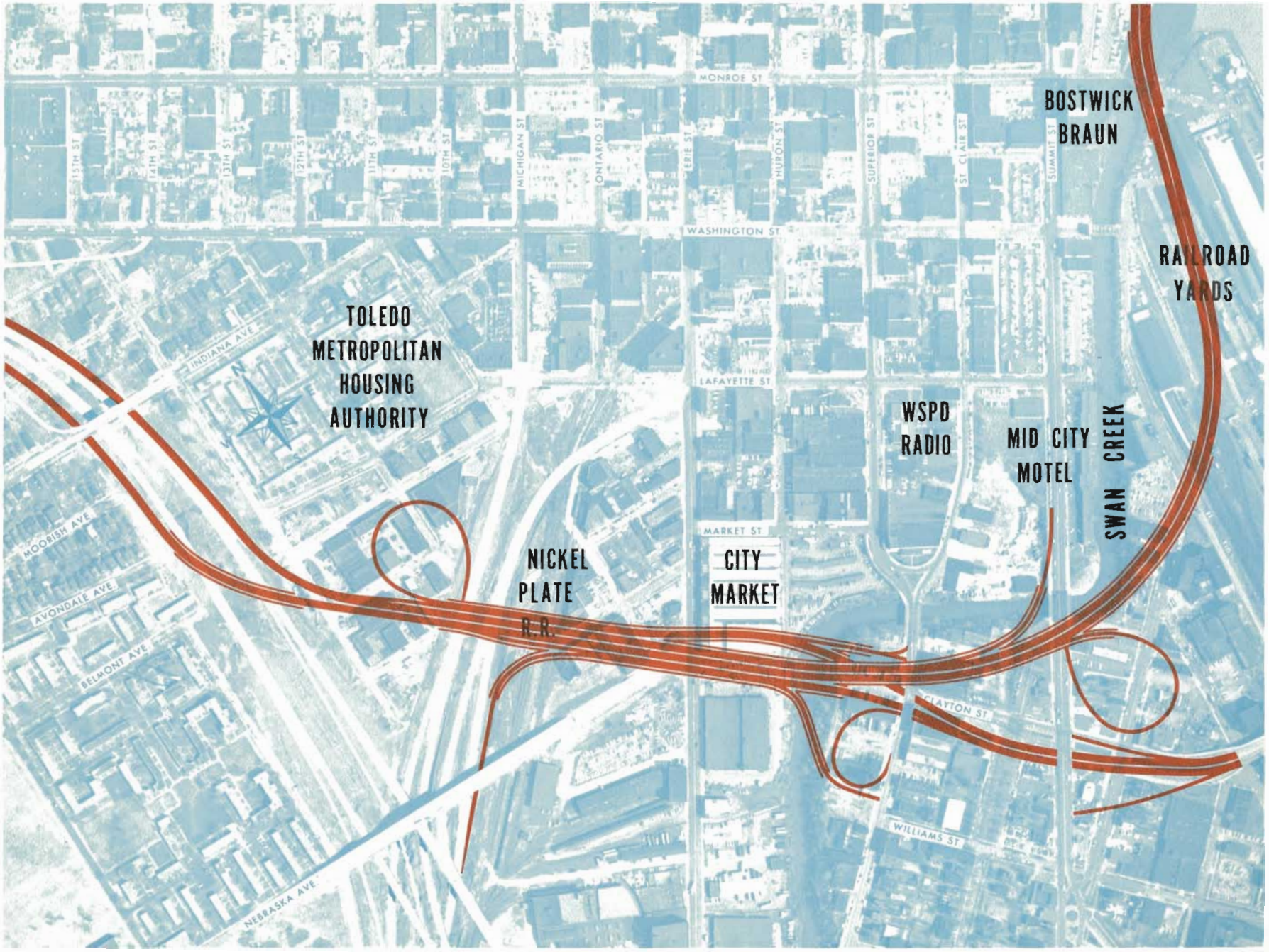

Figure 7 - Alternate Clayton Street Alignment

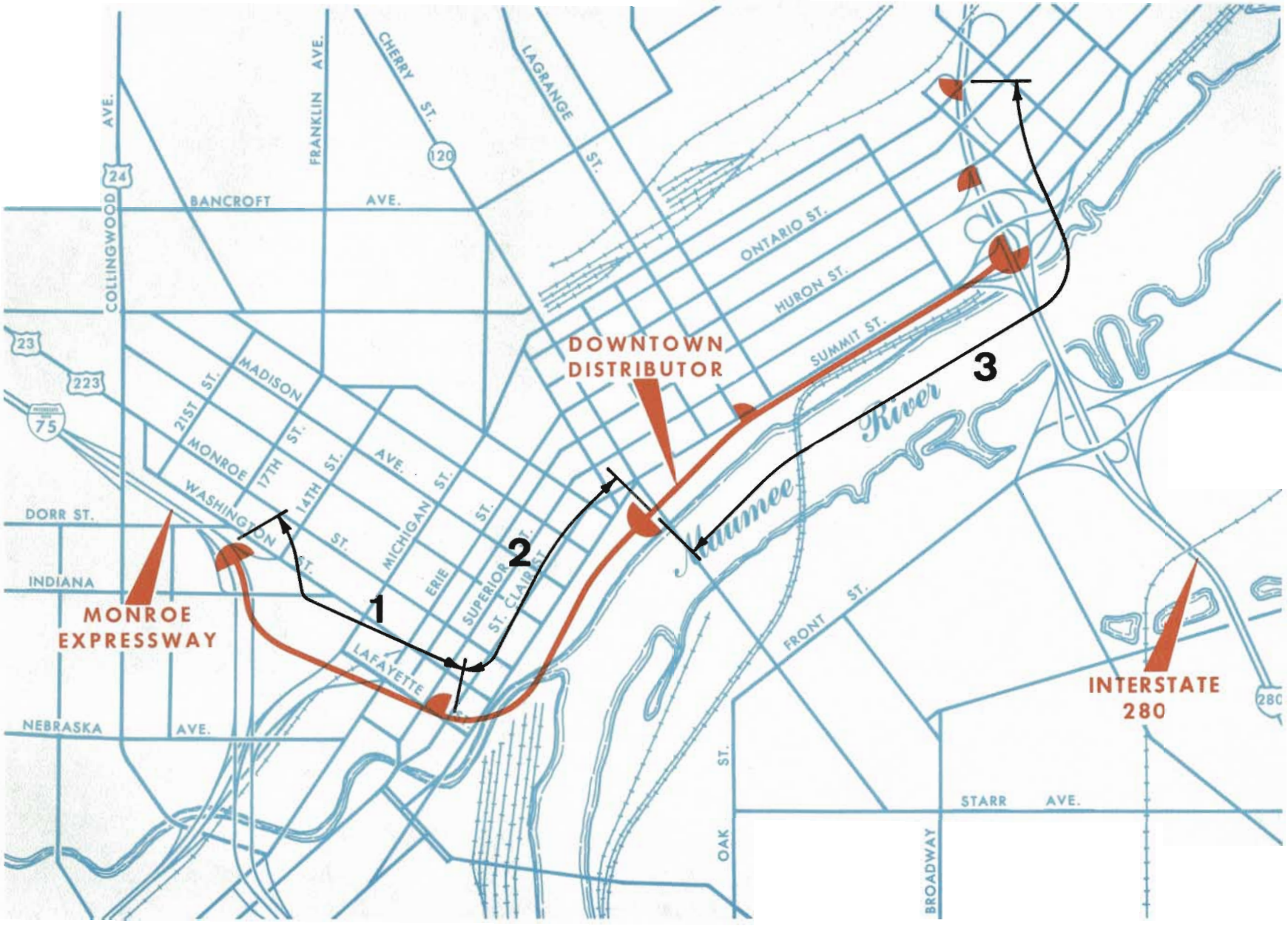

Figure 15 - Priorities of Construction

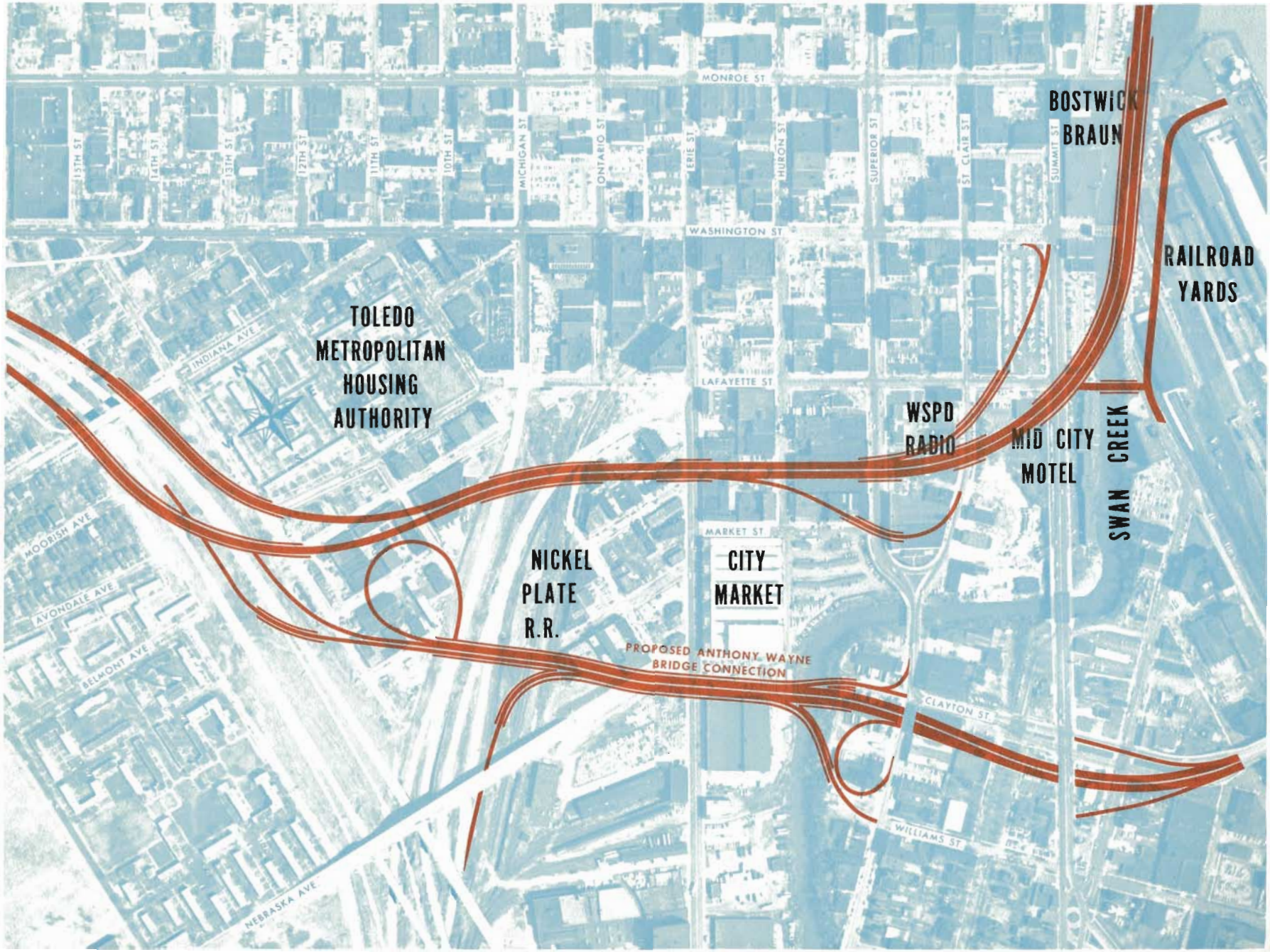

Figure 6 - Alternate Market Street Alignment

Figure 9 - Oblique View I-75 to Jackson Street

Vistula Meadows Urban Redevelopment

Figure 10 - Oblique View Jackson Street to Locust Street

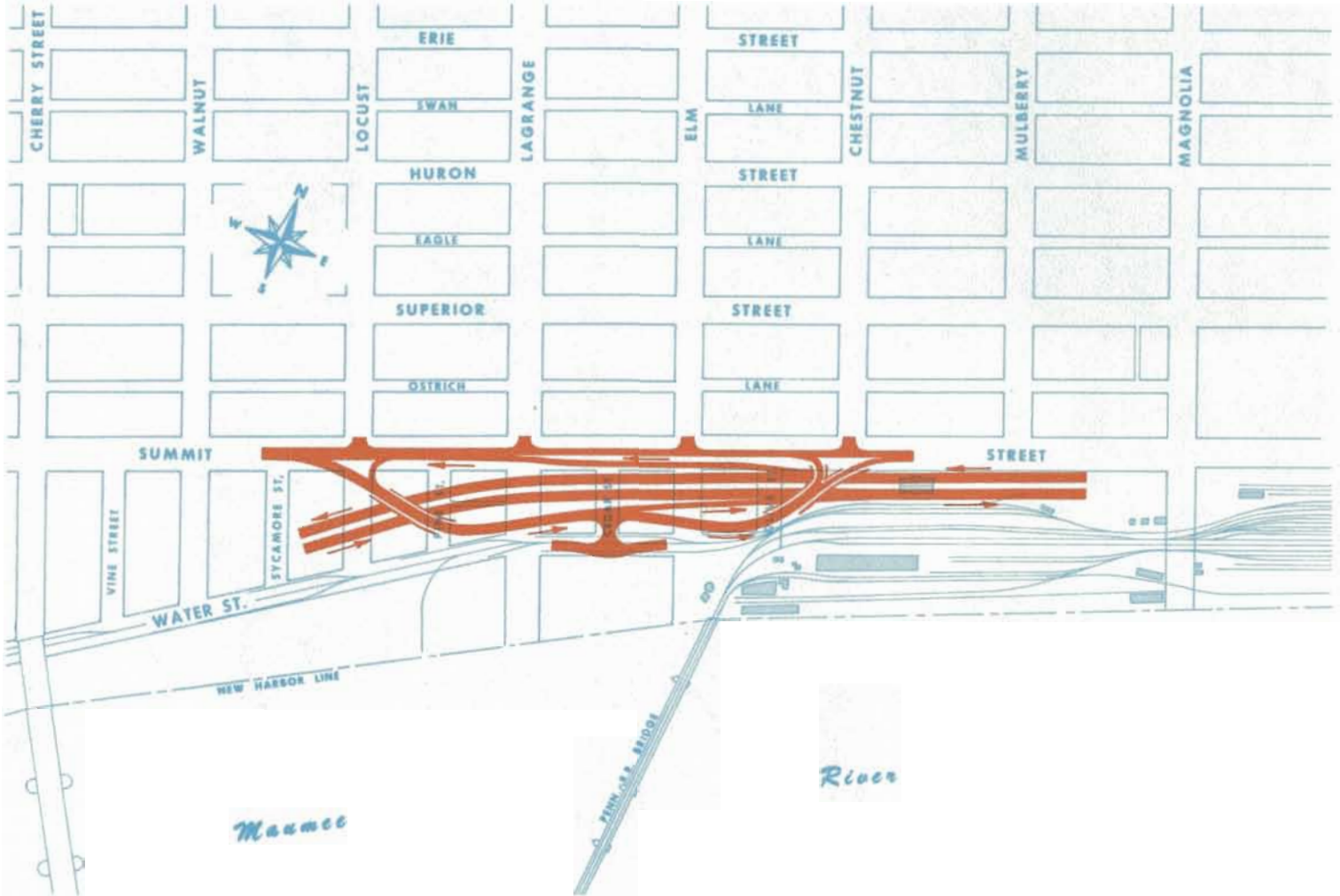

Figure 11 - Alternate Lagrange Street Interchange

Figure 12 - Oblique View Locust Street to Magnolia Street

Figure 13 - Alternate Interstate 280 Interchange

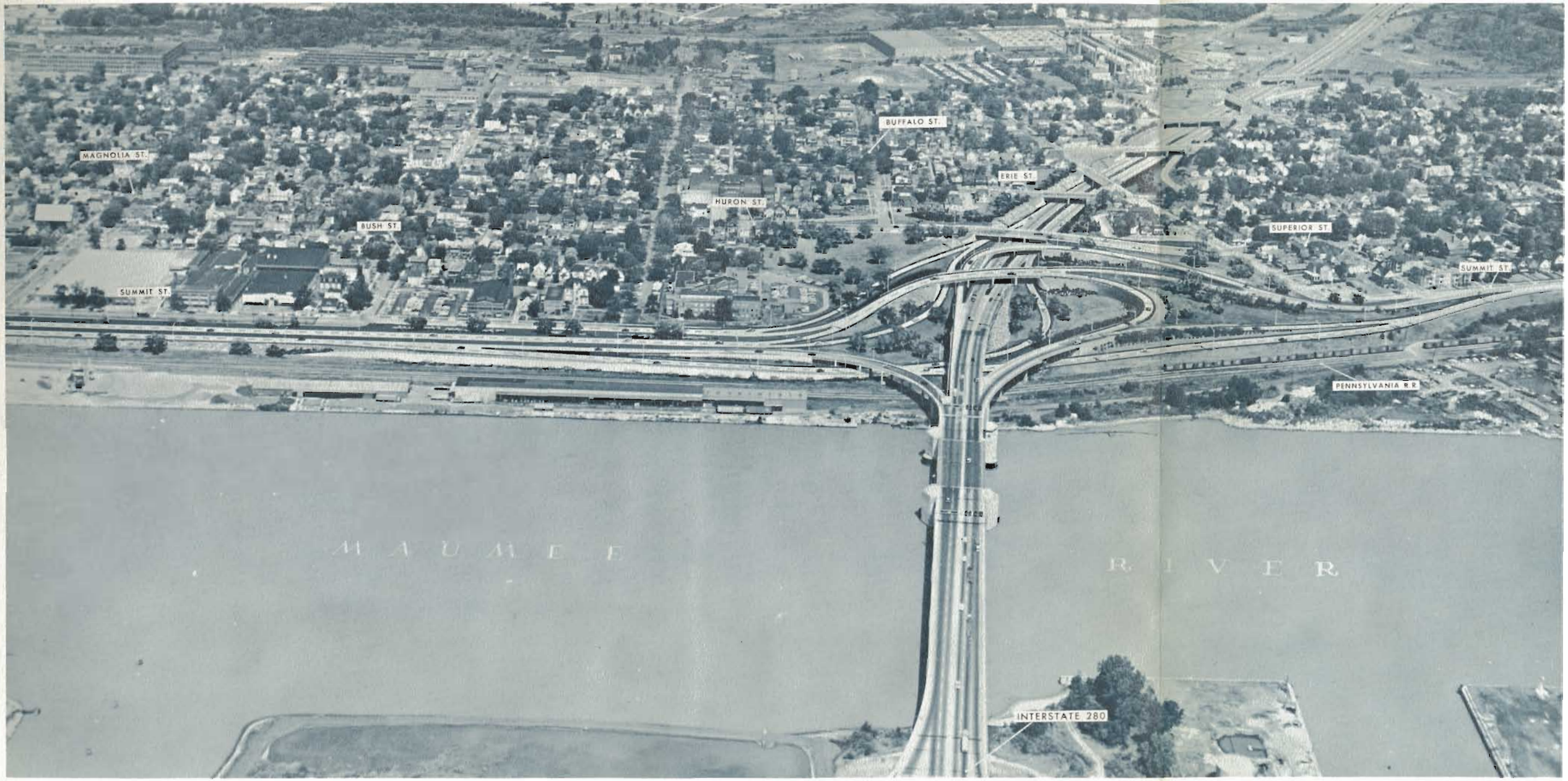

Figure 14 - Oblique View Magnolia Street to I-280