

**CENTER CITY TWO-WAY CONVERSION PROJECT – PHASE II**  
**(Broad Street: S. Clinton Avenue – South Avenue)**  
**(S. Clinton Avenue: I-490 – Broad Street)**

**I. DESCRIPTION OF PROJECT**

The City has received a Transportation Community and System Preservation grant from the Federal Highway Administration has been made available to convert Broad Street to two way traffic between Stone street and S. Clinton Avenue. The changes to the roadway necessary for this conversion will be from S. Clinton Avenue to South Avenue. This conversion was originally planned to be done as part of the Midtown Project, and the traffic analysis for the conversion was included in the approved Midtown Redevelopment Final Design Report.

The City also has Federal Aid available for a preventive maintenance project on S. Clinton Avenue from I-490 to Broad Street. Except as necessary for the Broad Street conversion, curblines will remain the same. This project was included in a prior Initial Project Proposal when it was part of a larger preventive maintenance project.

In addition to the usual preventive maintenance activities on S. Clinton Avenue, we have budgeted City funds to replace the existing lighting along this portion of S. Clinton Avenue.

**BROAD STREET CONVERSION**

**A. Roadway Modifications**

A preliminary layout for the conversion indicates that the northern curbline can remain unchanged, the southern curbline between Bausch & Lomb Place and S. Clinton Avenue will be moved to widen the pavement and to line up with the travel lane to the west, the island at the south east corner of the Stone Street/Bausch & Lomb Place /Broad Street intersection will be removed and the median between Stone Street/Bausch & Lomb Place will be modified. Final geometrics shall be determined during Planning and Preliminary Engineering.

Not included in the existing layout are curbline changes needed to convert S. Clinton Avenue to function as a 2 way street from Main Street to Broad Street. Geometric changes at the S. Clinton Avenue/Broad Street intersection necessary for this conversion will be determined during Planning and Preliminary Engineering.

**B. Pavement Marking Modifications**

Lane assignments shown on the preliminary layout will be reviewed by the Consultant and revised as necessary. Synchro files prepared under the conversion of St Paul and N Clinton to 2-way, and which includes this section of Broad Street is available for use.

Once lane layout is done, a pavement marking plan will be developed. Material will consist of epoxy for longitudinal markings, with stop bars, crosswalks, arrows and letters being preformed thermoplastic. Crosswalks will be the continental style striping.

In order to have the optimum surface for placing the pavement markings, Broad Street within the project limits will be milled 1 ½” deep and resurfaced with 1 ½” top course.

**C. Traffic Signal Modifications**

It is anticipated that both the S Clinton Avenue/Broad Street and the Stone Street/Bausch & Lomb Place /Broad Street intersections will require both modifications to the existing signals and new signal equipment. It is expected that the South Avenue/Broad Street intersection will only need modifications to the existing signal. Traffic loops in the milled and resurfaced area will be replaced.

D. Signing Modifications

Signing improvements will be required throughout the project area to eliminate obsolete signs and install other signs as appropriate. New granite curbing will be replaced as needed.

S. CLINTON AVENUE PREVENTIVE MAINTENANCE

A. Pavement

It is proposed S Clinton Avenue from I-490 to Broad Street will receive a 1 ½" milling and resurfacing. Adjustments of existing water valve covers and adjustment and/or replacement of receiving basins frame and grates and manhole frame and covers are proposed.

B. Sidewalk

The Consultant will perform a sidewalk survey and identify concrete sidewalk pavers to be replaced. Sidewalk Curb Ramps will be reviewed and upgraded to assure compliance with current ADA standards.

C. Traffic Improvements

It is proposed that new pavement markings, signs (if necessary) and traffic signal loops be installed within the project limits.

D. Street Lighting

The existing street lighting along S. Clinton Avenue will be replaced using the same light fixture/pole system as was installed along the west side of S Clinton Avenue between Broad Street and Main Street. The consultant will investigate the possibility of using the existing pole bases and conduit systems. The post top poles in the pocket park at the southeast corner of Broad Street and S Clinton Avenue will also be replaced.

II. Approximate Construction Budget (including contingency and RPR): \$ 838,400

III. SCOPE OF SERVICES

The consultant shall perform all phases of basic engineering services including:

A. Scoping and Design Phase I – VI .