

## SUMMARY OF ENGINEERING RECOMMENDATIONS

### **Ruth Street Paving Project**

City Project No. 12-T-1364

State Aid Project No. 164-215-013

Report Prepared – 3/6/12

Public Hearing –5/16/12

### **PROJECT**

The project seeks to reconstruct the pavement on Ruth Street between Upper Afton Road and Burns Avenue.

### **EXISTING CONDITIONS**

Ruth Street was originally paved in 1964 at 42' wide. Concrete curb and gutter and street lighting were installed at that time. The existing curbs are in good to fair condition. However, the pavement was designed for a projected Average Daily Traffic (ADT) of 2,500 vehicles per day (vpd). Today's ADT is 5,600 vpd and is projected to be 8,800 vpd in the next 20 years. The current Pavement Condition Index (PCI) ranges from 6 to 26 out of 100.

### **PROPOSED IMPROVEMENTS**

It is proposed to reconstruct the street with a new, thicker section of bituminous pavement, construct ADA compliant pedestrian ramps at the intersections, install new storm sewer catch basins and new concrete driveway aprons. Although the curbs will predominately remain in place, spot repairs to curbs and sidewalks will also be done as part of this project. Existing lantern style street lighting will remain in place. The designated bike lane striping would be re-installed.

### **ALTERNATES**

To do nothing would allow an already marginal roadway surface to further deteriorate.

### **POSITIVE BENEFITS**

A newly reconstructed street would improve drivability on this increasingly utilized collector corridor.

### **ADVERSE EFFECTS**

Normal problems associated with construction such as noise, dust, reduced access to the neighborhood, and general disruption will be present.

**EFFECTS ON TREES**

Ash trees will be removed and replaced with other species in conjunction with this project.

**TIME SCHEDULE**

The project will begin in the summer of 2012 and will be completed by the fall of 2012.

**COST ESTIMATE**

Construction	\$ 1,025,600
Engineering	\$ <u>256,400</u>
<b>PROJECT TOTAL</b>	<b>\$ 1,282,000</b>

**ESTIMATED FINANCING**

MSA (Municipal State Aid)	\$ 1,090,000
Assessments	\$ <u>192,000</u>
<b>PROJECT TOTAL</b>	<b>\$ 1,282,000</b>

The anticipated 2012 assessment rates for this project will be \$51.12 per ASSESSABLE FOOT.

**SOURCE OF ADDITIONAL INFORMATION**

For additional information, contact the Project Engineer, Barb Mundahl, at 266-6112.

**SUMMARY AND RECOMMENDATION**

The Department of Public Works feels that this is a worthwhile project, and the Engineering Recommendation is for approval of the project and financing.

Respectfully submitted,  
Barbara Mundahl