

CITY COUNCIL AGENDA ITEM
CITY OF SHORELINE, WASHINGTON

AGENDA TITLE: Motion to delay construction of the Dayton Avenue North at North 175 th Street Retaining Wall Project to 2006
DEPARTMENT: Public Works
PRESENTED BY: Jill M. Marilley, P.E. City Engineer John F. Vicente, P.E., Capital Projects Manager

PROBLEM/ISSUE STATEMENT:

Staff recommends that Council approve delaying construction of the Dayton Avenue North at North 175th Street Retaining Wall Project to 2006.

BACKGROUND:

The Dayton Avenue North at North 175th Street Retaining Wall Project's (Dayton Project) current scope includes evaluating and replacing the timber retaining wall on the west side of Dayton Avenue N between 172ND Street and St. Lukes Place. This scope also includes approximately 150 linear feet of new sidewalk adjacent to the wall.

Dayton Avenue North at this segment is a pedestrian route for students attending Shorewood High School and the St. Lukes Place and Dayton Avenue intersection are adjacent to St. Lukes Elementary. After further evaluation of the project and the surrounding safety and traffic operational needs, additional scope has been proposed to be added to the project. The additional scope would reconfigure the intersection of Dayton Avenue and St. Lukes Place to create pedestrian and traffic safety improvements. Approximately 1,200 to 1,700 lineal feet of new sidewalk, curb and gutter would also be installed along the west side of Dayton Avenue N from St. Lukes Place to N 172nd Street (actual length would be dependent upon available budget). See Attachment A for more details.

These improvements align with City Council Goal No. 2, enhance our program for safe and friendly streets.

Delaying the project to 2006 will provide staff the time needed to further evaluate the additional cost of the added scope items and to determine funding sources for the project. Additional funding will be evaluated during the upcoming 2006-2011 CIP process.

FINANCIAL IMPACT:

The Dayton Project is identified in the 2005 –2010 Capital Improvement Program (CIP). The current budget in the CIP totals \$470,250. The budget for this project does not cover the additional cost to design and construct the additional scope items proposed.

Staff has currently expended \$25,200 in pre-design analysis for the existing retaining wall leaving \$445,050 available to the project.

Staff estimates that the added scope will cost approximately \$400,000. This cost would cover the expense to do the engineering and construction of these additional scope items. If approved, the total budget of the project would be \$870,250.

Grant opportunities will be explored as well as other funding sources to cover the cost of the additional scope items proposed for the project.

SCHEDULE IMPACT:

The current CIP indicates that construction of the Dayton Project to begin the summer of 2005. Evaluation of the added scope items and pursuit of additional funding sources would require that construction be delayed to summer 2006. Construction during the summer months would minimize impacts to the schools.

This delay in construction presents some benefit. With construction on Aurora Avenue North and King County sewer improvements expected to start by the summer of 2005, delaying construction on Dayton Avenue North may relieve some of the traffic issues that may be encountered during these construction. Construction during the summer is also recommended as it minimizes conflicts with both St. Lukes Elementary and Shorewood High School.

There is minimal risk in delaying construction of the Dayton Wall. According to the pre-design report, the slope is stable and the wall is in no immediate danger of failure. All though there is no immediate danger, replacement of the wall is still recommended to reduce risk. Reconfiguring St. Lukes Place will provide for safer, improved operation of the intersection. Construction of the sidewalks with the Dayton Project will provide safe pedestrian access along Dayton. Construction of these improvements in conjunction with the Dayton Project would provide for a one-time impact to Dayton Avenue.

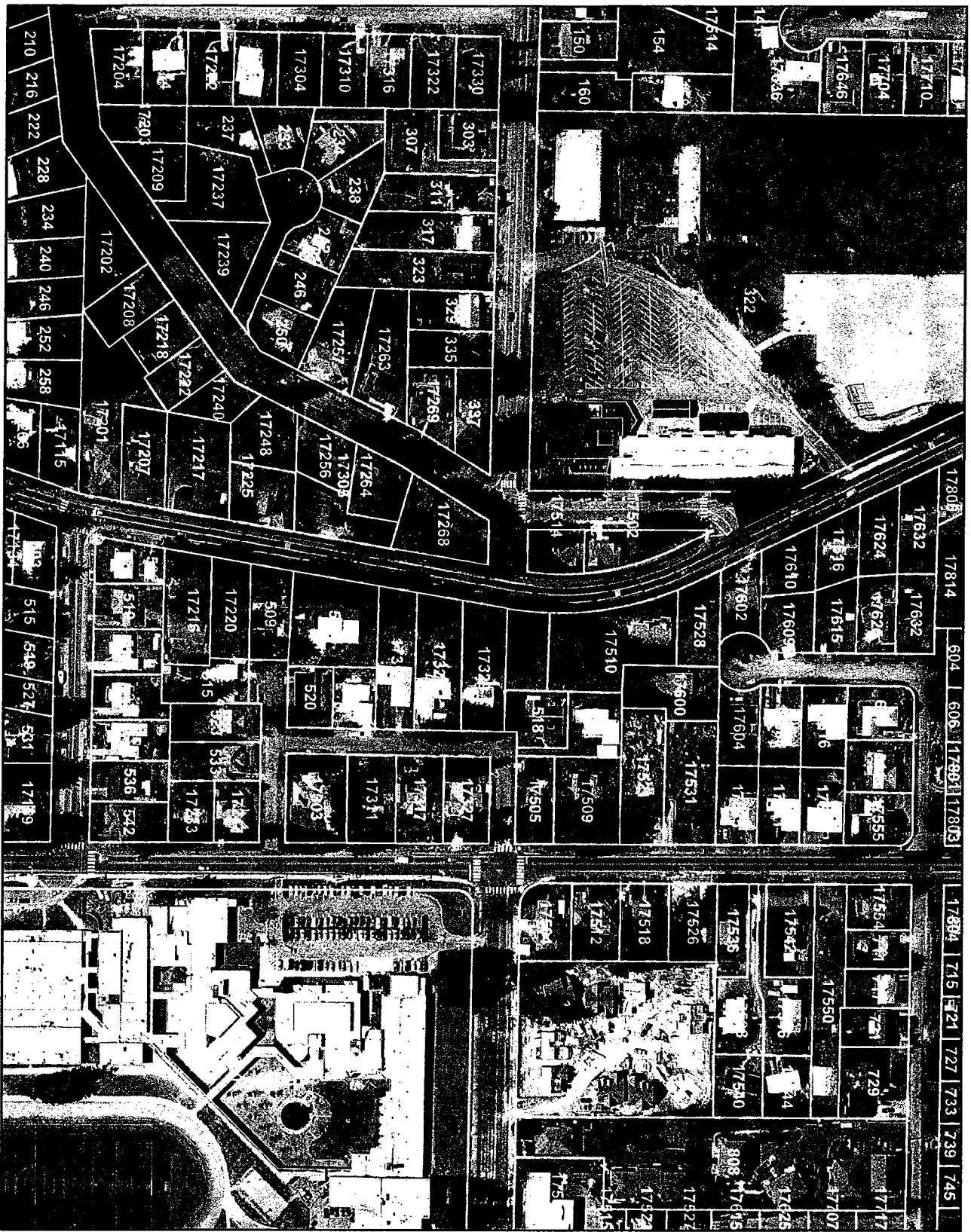
RECOMMENDATION

Staff recommends that Council approve delaying construction of the Dayton Avenue North at North 175th Street Retaining Wall Project to 2006.

ATTACHMENTS

Attachment A Site Map
Attachment B Current CIP Scope

Approved By: City Manager  City Attorney 






SHORELINE

**Dayton Avenue N at
North 175th Street
Retaining Wall Project**

ATTACHMENT A

Site Map

- Legend**
-  Proposed New Sidewalk
 -  Proposed Landscape Area
 -  Current Wall and Sidewalk Scope



ATTACHMENT B

City of Shoreline 2005 - 2010 Capital Improvement Plan
Dayton Avenue North @ North 175th Street Retaining Wall

Orgkey: 2918162

J.L. # ST106200

Phase	Prior Years Expenditures	2004 Budget	2004 Projected	2005 Budget	2006 Budget	2007 Budget	2008 Budget	2009 Budget	2010 Budget	Total Project Cost
Project Expenditures:										
Planning/Design	\$16,250	\$46,750	\$54,000	\$0	\$0	\$0	\$0	\$0	\$0	\$70,250
Real Estate Acquisition	\$0	\$308,000	\$0	\$400,000						\$400,000
Construction	\$0									
Total Project Expenditures	\$16,250	\$354,750	\$54,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$470,250
Revenue Sources:										
Roads Capital Fund	\$16,250	\$354,750	\$54,000	\$400,000						\$470,250
Total Project Revenues	\$16,250	\$354,750	\$54,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$470,250
1% for Public Art (Included in Construction budget)		\$ 3,080	\$ -	\$ 4,000	\$ -	\$ -	\$ -	\$ -	\$ -	
Impact on Operating Budget										\$0

This project will have no significant operation and maintenance impact on the operating budget.

Project Time Line:	2004	2005	2006	2007	2008	2009	2010
Planning/Design							
Real Estate Acquisition	Q3 Q4 Q1 Q2						
Construction		Q3 Q4					

Project: DAYTON AVENUE NORTH AT NORTH 175TH STREET RETAINING WALL

<p>Fund: Roads Capital</p> <p>Project Category: Safety / Operations Projects</p> <p>Critical Success Factor: Quality services and facilities</p> <p>Strategies Establish regular, routine assessment of facilities and services to identify renovation and replacement costs and schedules</p> <p>COUNCIL GOAL #2 Enhance our program for safe and friendly street</p>	
<p>Project Description: Evaluate the existing 150-foot long, 10-foot high wall conditions and provide a pre-design report. The pre-design report will detail options for repair or replacement as well as cost estimates for each option, long term and short term possibilities, construction timeline for each option, and liabilities of implementing a repair or "do nothing" option. After preferred option is selected, design of option will begin followed by construction.</p>	<p>Comprehensive Plan Goal T 1 Develop a safe and efficient street system that accommodates all users and maximizes the people carrying capacity of the surface transportation system.</p> <p>Service Impact: The existing wood wall is deteriorating and the adjacent roadway is subsiding. The pre-design will evaluate the condition of the wall and determine the safety and operational risks to the public and operational and maintenance liabilities to the City.</p> <p>Total Project Budget: \$ 470,250</p> <p>Funding Source:</p> <ul style="list-style-type: none"> ▶ Roads Capital Fund <p>Critical Milestones:</p> <ul style="list-style-type: none"> ▶ Pre-design will be completed in Q3 of 2004. ▶ Design will begin in Q4 of 2004 and will be completed by Q2 of 2005. ▶ Construction will begin in Q3 of 2005.