

CITY COUNCIL AGENDA ITEM
CITY OF SHORELINE, WASHINGTON

AGENDA TITLE:	East Boeing Basin Stormwater Improvement Project Design Award
DEPARTMENT:	Public Works
PRESENTED BY:	Mark Relph, Public Works Director Jesus Sanchez, Public Works Operations Manager Jerry Shuster, Surface Water and Environmental Services Manager

EXECUTIVE SUMMARY

The objectives for this project are to implement two flood protection and one water quality improvement project from the City's 2005 Surface Water Master plan (SWMP). The flood protection projects are the Midvale Ave N. and Darnell Park Neighborhood Drainage projects (see Attachment 1). These two projects have been combined with the Darnell Park Wet Pond water quality project into the East Boeing Basin Stormwater Improvement Project. This combining of projects streamlines the design and construction process and will result in cost saving compared to implementing three individual projects.

In late 2006, the City sent out a request for qualifications (RFQ) for this project. Five responses were received. RW Beck was selected based on their scoring in the RFQ evaluation criteria. In 1994, RW Beck produced a design solution for King County to address the Darnell Neighborhood Drainage issue. The County had to delay the project due to private easement issues and it never was completed prior to Shoreline's incorporation. The current solution will rely heavily on this previous design and RW Beck's expertise in this area to streamline the design process and provide cost savings compared to a firm not familiar with this issue.

This new professional service contract will complete the design of the project and produce construction-ready documents. The scope of work for this award includes:

- Evaluation and Selection of Design Alternatives (Midvale Ave only)
- Regulatory Permitting Support
- Public Meeting Support
- Production of 60%, 90 %, and 100% design submittals
- Production of Bid Documents

The project will be designed and permitted in 2007 with construction beginning and ending in 2008.

FINANCIAL IMPACT

The 2007-2012 Capital Improvement Plan reserves \$1.085 Million for completion of the flood protection portion of this project and \$108,000 for the water quality improvement portion. The value of this design contract is \$179,000 approximately 15% of the total dollars identified for the entire project. This project will be funded by Surface Water fees.

STAFF RECOMMENDATION

Staff recommends Council authorize the City Manager to sign a contract in the amount of \$179,000 with RW Beck for engineering design services for the East Boeing Basin Stormwater Improvement Project.

Approved By: City Manager  City Attorney _____

INTRODUCTION

During the Summer of 2005, Council approved the Surface Water Master Plan (SWMP). The 2007-2012 Capital Improvement Plan (CIP) was approved in 2007. Both these documents included several CIP projects in the East Boeing Basin. This contract will provide construction-ready plans and specifications for the three of these projects that are all hydraulically connected (see Attachment 1).

BACKGROUND

The SWMP contains several Priority Level 1 flood protection projects to be implemented through 2011. Two of these, Midvale Ave N. and Darnell Park Neighborhood Drainage projects are proposed in the 2007-2012 CIP. These two flood protection project have been combined with a Priority Level 1 water quality project, the Wet pond addition to Darnell Park Detention Pond, into one, more cost effective project.

The Midvale Ave N project is intended to provide increased conveyance capacity to reduce local flooding of property and roadways to mitigate for past unchecked development. The Darnell Neighborhood project is located approximately 3,000 feet downstream of the Midvale Ave N project location. The storm system between the two sites will be assessed for capacity to ensure the problem is not moved downstream. The Darnell Project includes providing increased detention and conveyance capacity. The wet pond addition to the Darnell project will add a water quality component to the project. The RFQ for the projected stressed the City's desire to incorporate low-impact development features into the solutions, to the extent practicable. The City intends to work closely with the permitting agencies and residents to addresses the interests of all stakeholders involved in the project.

This new professional service contract will complete the design of the project and produce construction-ready documents. The scope of work for this award includes:

- Evaluation and Selection of Design Alternatives (Midvale Ave N. only)
- Regulatory Permitting Support
- Public Meeting Support
- Production of 60%, 90 %, and 100% design submittals
- Landscape Design (Darnell Park)
- Production of Bid Documents

The project will be designed and permitted in 2007 with construction beginning and ending in 2008.

CONSULTANT SELECTION

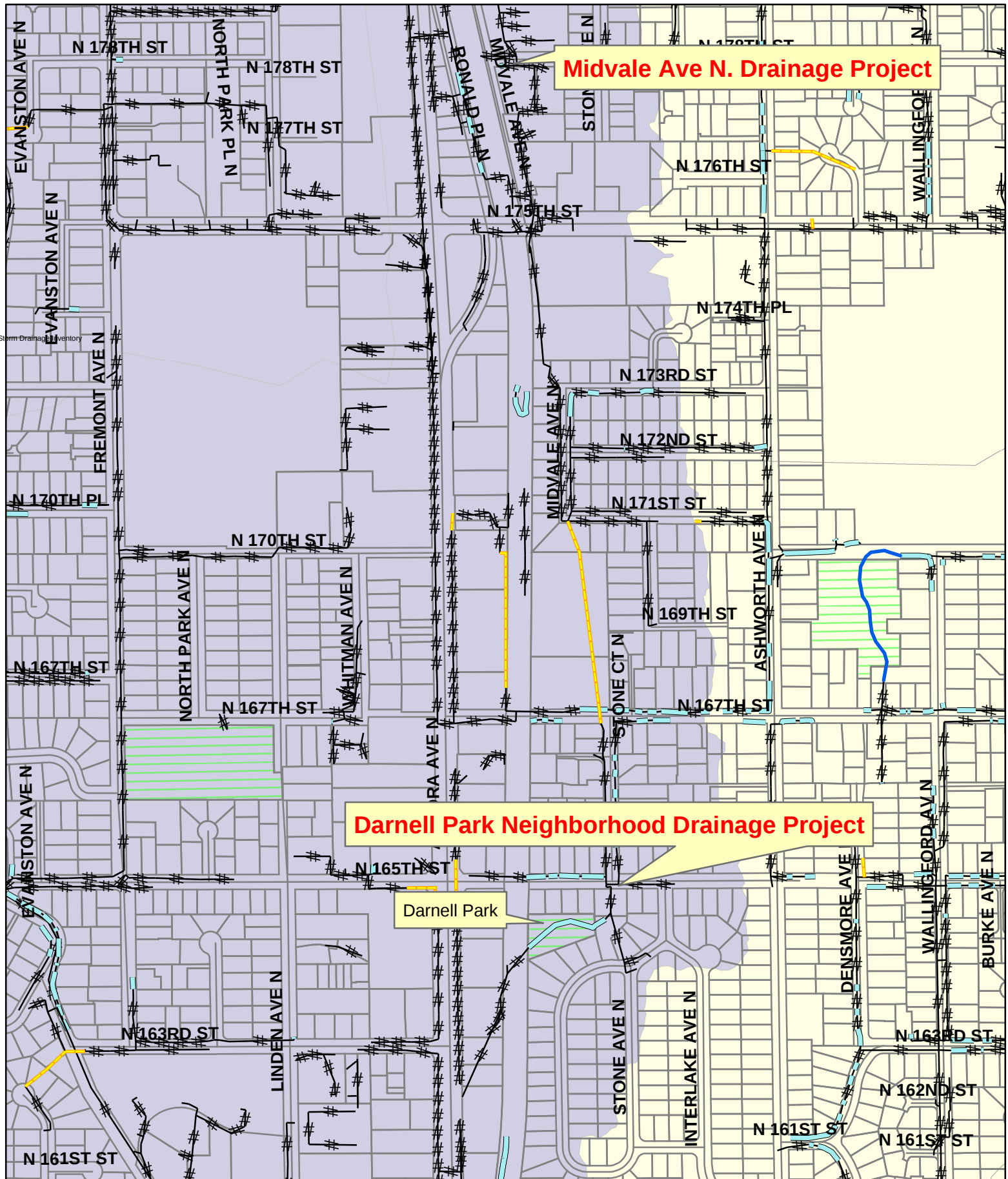
In late 2006, the City sent out a request for qualifications (RFQ) for this project. Five responses were received. RW Beck was selected based on their scoring in the RFQ evaluation criteria. In 1994, RW Beck produced a design solution for King County to address the Darnell Neighborhood Drainage issue. The County had to delay the project due to private easement issues and it never was completed prior to Shoreline's incorporation. The current solution will rely heavily on this previous design and RW Beck's expertise in this area to streamline the design process and provide cost savings.

FINANCIAL IMPACT

The 2007-2012 Capital Improvement Plan reserves \$1.085 Million for completion of the flood protection portion of this project and \$108,000 for the water quality improvement portion. The value of this design contract is \$179,000 approximately 15% of the total dollars identified for the entire project. This project will be entirely funded by Surface Water Management fees.

RECOMMENDATION

Staff recommends Council authorize the City Manager to sign a contract in the amount of \$179,000 with RW Beck for engineering design services for the East Boeing Basin Stormwater Improvement Project.



Attachment A **East Boeing Basin Stormwater Improvement Project**

No warranties of any sort, including accuracy, fitness, or merchantability, accompany this product.

