

**CITY COUNCIL AGENDA MEMORANDUM**

**SUBJECT:**

Resolution No. 8655, authorizing execution of a Professional Services Agreement with David Evans & Associates, in the amount of \$160,924 to provide Engineering Plans, Specifications, Estimates (PS&E) and Maximum Extent Feasible (MEF) Documentation on the Americans with Disabilities Act (ADA) Design for the 2015 Overlay Program.

**FISCAL IMPACT:**

This action obligates the City to the maximum amount of \$160,924 for the Professional Engineering Services and development of engineering PS&E and MEF documentation for the ADA Design for 2015 Overlay Program. This project will provide ADA sidewalk ramp design and MEF documentation for approximately 75 ADA ramps on candidate streets for the 2015 Overlay Program.

This amount is fully funded through the 2013 – 2019 Capital Investment Program (CIP Plan No. PW-M-1)

<b>CIP Plan No.</b>	<b>Description</b>	<b>Amount</b>
PW-M-1	Overlay Program	\$160,924.00

**STAFF CONTACT:**

David Berg, Director, 452-6468  
Ron Kessack, Interim Assistant Director Capital Projects, 452-4631  
Teresa Becker, Pavement Manager, 452-7942  
*Transportation Department*

**POLICY CONSIDERATION:**

Comprehensive Plan

*Policy TR-26.* Address the special needs of physically challenged and disabled citizens with various degrees of mobility in planning, designing, implementing, and maintaining transportation improvements particularly non-motorized improvements, and other transportation facilities and in delivering transportation services and programs, in accordance with the Americans with Disabilities Act (ADA).

Comprehensive Financial Management Policies

The City's Comprehensive Financial Management policies guide capital investment decisions during the budget process. Specifically, existing policy language states "Preserve existing capital infrastructure before building new facilities". The annual overlay program addresses this policy.

**BACKGROUND:**

The City places a high priority on allocating adequate resources to maximize the benefits of previously-made investments in the transportation system. Expenditures on maintenance and preservation defer and can prevent costly reconstruction projects in addition to contributing to the overall safety of the system.

Preservation of the City's 1,067 lane-miles of streets is achieved through a rigorous pavement management program. The condition of each street is reviewed every two years to document information about how the street should best be maintained. Through this practice the City prioritizes and invests in preventative maintenance rather than wait for major pavement failure, which is significantly more expensive to repair.

The 2015 Overlay Program will resurface five roadways in the Central Business District, as well as 116<sup>th</sup> Avenue from NE 12<sup>th</sup> to Northup Way, and two major segments of Lakemont Boulevard between Newport Way and the south City limits. These roadways were selected for overlay based on pavement management criteria. Federal case law requires curb ramp upgrades be constructed when a roadway is altered by overlay. The roadway slopes that exist at these sites, existing signal/utility boxes within the sidewalk, and pedestrian signal equipment will require Maximum Extent Feasible (MEF) Documentation for ramps that cannot be built to meet all the standards but will still be greatly improved. The complex nature of these particular sites, the potential for signal system modifications, and the added documentation effort were deciding factors in choosing David Evans and Associates.

Developing the ADA ramp design in advance of the planned overlay contract will provide the City the greatest amount of flexibility to complete the overlay paving contract within the planned year. As the ADA element has developed over the past several years, the level of effort has increased creating challenges in completing both the ADA ramp improvements and the overlay paving in the same construction season. By developing the ADA ramp design in advance, this allows the ability to separate this work from the paving component and complete the ramp work at the most optimal time in advance of the paving. This will allow resurfacing and complete traffic detection and channelization before adverse weather conditions restrict the construction effort.

A notice of the ADA design project was sent out to engineering consultant firms on the Professional Services/Architectural & Engineering roster on the City's Shared Procurement Portal. Interested firms were urged to update their Statement of Qualifications (SOQ's) that are on file with the City. The updated SOQ's, evaluated the qualifications of eight consultant firms, and selected the following three firms for interviews:

- David Evans and Associate, Inc.
- CM Design Group
- Tetra Tech.

The selection criteria used for evaluating each firm during the interviews included:

- Qualifications and expertise of the consultant-proposed project manager
- Qualifications and expertise of the proposed project consultant team
- The firm's understanding of the ADA guidelines and challenges for this project and their strategy for completing the design in the desired time frame
- The firm's past experience on similar projects requiring ADA ramp design and the Maximum Extent Feasible (MEF) Documentation.

David Evans & Associates was selected as the most qualified firm because they displayed detailed knowledge of the ADA guidelines and MEF Documentation, presented several examples of designing and documenting similar projects in signalized intersections, and had the best understanding of our project needs.

**EFFECTIVE DATE:**

If approved, this Resolution becomes effective immediately upon Council adoption.

**OPTIONS:**

1. Approve Resolution No. 8655 authorizing execution of a Professional Engineering Services Agreement with David Evans & Associates in the amount of \$160,924 to complete Engineering Plans, Specifications and Estimates for the ADA Design for 2015 Overlay Program (CIP Plan No. PW-M-1).
2. Do not approve Resolution No. 8655 and provide alternative direction to staff.

**RECOMMENDATION:**

Approve Resolution No. 8655 authorizing execution of a Professional Engineering Services Agreement with David Evans & Associates in the amount of \$160,924 to complete Engineering Plans, Specifications and Estimates for the ADA Design for 2015 Overlay Program (CIP Plan No. PW-M-1).

**MOTION:**

Move to approve Resolution No. 8655 authorizing execution of a Professional Engineering Services Agreement with David Evans & Associates in the amount of \$160,924 to complete Engineering Plans, Specifications and Estimates for the ADA Design for 2015 Overlay Program (CIP Plan No. PW-M-1).

**ATTACHMENTS:**

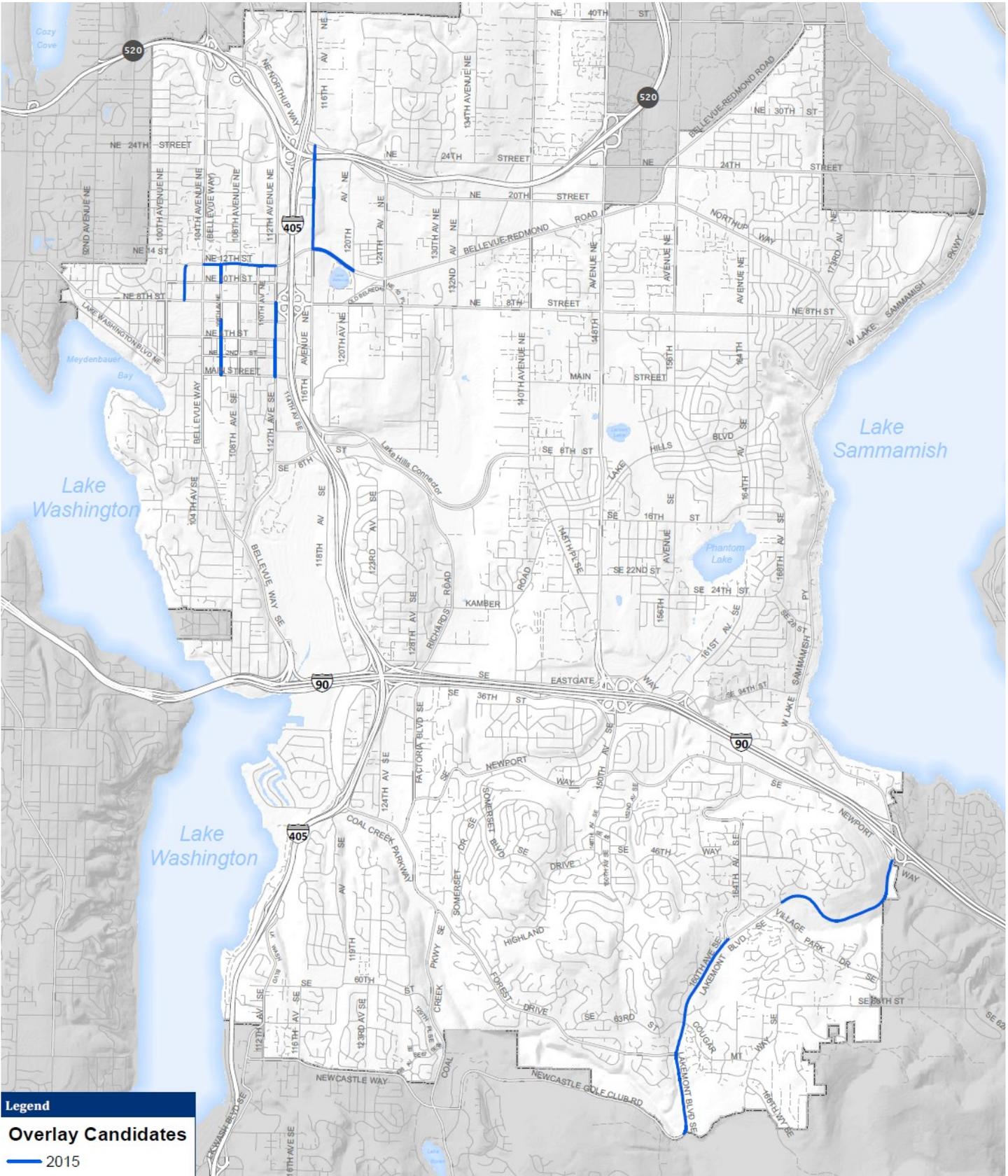
- Vicinity Map
- CIP Project Description
- Proposed Resolution No. 8655

**AVAILABLE IN COUNCIL OFFICE:**

Draft Consultant Scope of Work

# ADA Upgrades for 2015 Overlay Program

## Vicinity Map



**FY2013-2019 Capital Investment Program**

**PW-M-1 Overlay Program**

Category: **Maintenance/Minor Capital**  
 Department: **Transportation**

Status: **Ongoing**  
 Location: **Citywide**

**Programmed Funding**

<u>Programmed Funding</u>	<u>Appropriated To Date</u>	<u>FY 2013 Budget</u>	<u>FY 2014 Budget</u>	<u>FY 2015 Budget</u>	<u>FY 2016 Budget</u>	<u>FY 2017 Budget</u>	<u>FY 2018 Budget</u>	<u>FY 2019 Budget</u>
125,437,607	87,811,000	5,392,661	5,061,285	5,177,694	5,296,781	5,429,201	5,564,931	5,704,054

**Description and Scope**

This project provides major street maintenance including street overlays, pavement rehabilitation, curb, gutter, and sidewalk or walkway rehabilitation, bridge condition inventory and maintenance and appropriate Americans with Disabilities Act (ADA) retrofit work.

**Rationale**

Investment in roadway and walkway maintenance contributes to smooth traffic circulation and reduces the long-term cost of major reconstruction by extending the life of Bellevue's transportation system and preserving the City's investment in existing facilities. The project also funds Federal Highway Administration mandated bridge inspection, inventory and minor maintenance activities.

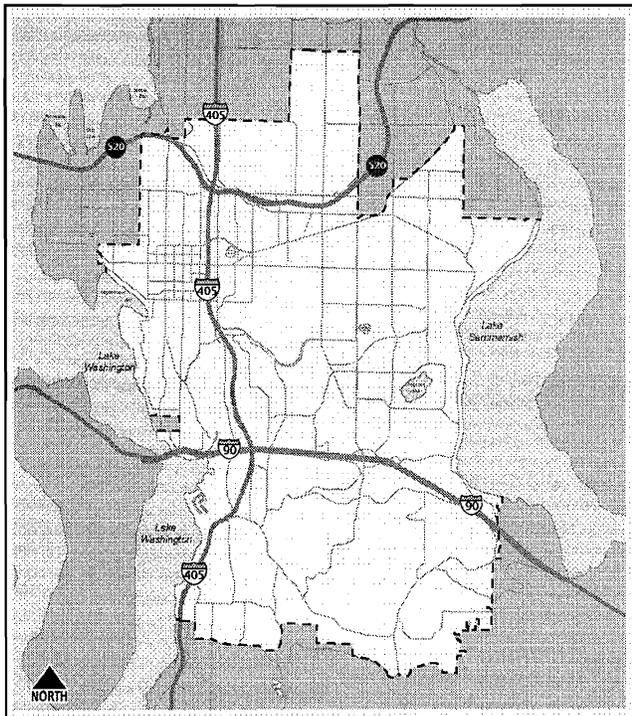
**Environmental Impacts**

Environmental impacts are minimal and are addressed as appropriate on a location-by-location basis.

**Operating Budget Impacts**

This program will have no impact on operating revenues and/or expenditures.

**Project Map**



**Schedule of Activities**

<u>Project Activities</u>	<u>From - To</u>	<u>Amount</u>
Project Costs	Ongoing	125,437,607
<b>Total Budgetary Cost Estimate:</b>		<b>125,437,607</b>

**Means of Financing**

<u>Funding Source</u>	<u>Amount</u>
General Taxes & LTGO Bond Proceeds	11,006,579
Grants	2,108,184
Grants	1,138,237
Intergovernmental Contributions	13,019,512
Miscellaneous Revenue	110,007
Operating Transfers In	1,617,559
REET	96,335,558
SBO/LID	101,971

**Total Programmed Funding:** 125,437,607  
**Future Funding Requirements:** 0

**Comments**

This program funds projects in multiple locations throughout the City.

Capital Costs/Revenue: Capital costs increased by \$9,496,000 reflecting continuation of the program in 2018-2019. Annual funding includes inflationary adjustments.

CITY OF BELLEVUE, WASHINGTON

RESOLUTION NO. 8655

A RESOLUTION authorizing the execution of a Professional Services Agreement with David Evans & Associates, in an amount not to exceed \$160,924, to provide Engineering Plans, Specifications, Estimates (PS&E) and Maximum Extent Feasible (MEF) Documentation on the Americans with Disabilities Act (ACT) Design for the 2015 Overlay Program.

THE CITY COUNCIL OF THE CITY OF BELLEVUE, WASHINGTON, DOES RESOLVE AS FOLLOWS:

Section 1. The City Manager or his designee is hereby authorized to execute a professional services contract with David Evans & Associates, in an amount not to exceed \$160,924, to provide Engineering Plans, Specifications, Estimates (PS&E) and Maximum Extent Feasible (MEF) Documentation on the Americans with Disabilities Act (ACT) Design for the 2015 Overlay Program, a copy of which agreement has been given Clerk's Receiving No. \_\_\_\_\_.

Passed by the City Council this \_\_\_\_\_ day of \_\_\_\_\_, 2013, and signed in authentication of its passage this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

(SEAL)

\_\_\_\_\_  
Conrad Lee, Mayor

Attest:

\_\_\_\_\_  
Myrna L. Basich, City Clerk