

**CITY COUNCIL AGENDA MEMORANDUM**

**SUBJECT**

Three actions to advance implementation of the NE 4<sup>th</sup> Street Extension from 116<sup>th</sup> to 120<sup>th</sup> Avenues NE (CIP Plan No. PW-R-160):

1. Resolution No. 8080 authorizing execution of a consultant agreement with PB Americas, Inc. (PB) in the amount of \$1,341,656 to complete the final design and prepare Plans, Specifications and Estimates for the project;
2. Resolution No. 8081 authorizing the execution of a consultant agreement with The Transpo Group, Inc. in the amount of \$93,012 to conduct a traffic assessment and public involvement process supporting a traffic calming plan for NE 5<sup>th</sup> Street (from 120<sup>th</sup> to 124<sup>th</sup> Avenues NE) to serve as mitigation for potential impacts anticipated as a result of the NE 4<sup>th</sup> Street Extension; and
3. Motion to authorize Transportation Department staff to file an application for a FY2012 Public Works Trust Fund Construction Program loan of up to \$10,000,000 to provide funding for the construction phase of the project.

**FISCAL IMPACT**

The two Resolutions obligate the City to \$1,434,668 to complete the final design and prepare Plans, Specifications and Estimates for NE 4<sup>th</sup> Street Extension from 116<sup>th</sup> to 120<sup>th</sup> Avenues NE and to complete the analysis supporting a traffic calming plan for NE 5<sup>th</sup> Street from 120<sup>th</sup> to 124<sup>th</sup> Avenues NE. This amount is fully funded through the Amended 2009-2015 Capital Investment Program (CIP Plan No. PW-R-160).

Project Category: Transportation Roadway  
 CIP Plan No: PW-R-160  
 Project Name: NE 4<sup>th</sup> Street Extension, 116<sup>th</sup> Avenue NE to 120<sup>th</sup> Avenue NE

	(Rounded to nearest \$100,000)				
	Current Project Budget	Actual/ Projected Expenditures	<i>THIS ACTION</i>	Projected Balance	Projected/Actual Completion Date
Phase I (Pre-Design)	\$ 1.2	1.2	0	\$0	Q2 - 2010
Phase II (Design, Engineering)	2.3	2.3	1.3	0 *	Q4 - 2010
Phase II-A (NE 5 <sup>th</sup> Analysis)	0.1	0.1	0.1	0	Q4 - 2010
Phase III (Property Acquisition)	0	0	0	0	Q2 - 2011
Phase IV (Construction)	0	0	0	0	Q4 - 2012
<i>Total</i>	<b>\$3.6</b>	<b>\$3.6</b>	<b>\$1.4</b>	<b>\$0</b>	

\*Total projected expenditures for Phase II includes staff time on project development, survey and title work supporting right of way appraisal efforts, potential mitigation plans for the BNSF trail connection, and other pre-construction activities, as required.

Design, right of way, and construction costs will be tracked and included in the NE 4th Street/ 120th Avenue NE Local Improvement District (proposed as a funding strategy in the Mobility & Infrastructure Initiative Finance Plan), should it be formed.

The Motion authorizing the application for a Public Works Trust Fund (PWTF) FY2012 Construction Program loan has no fiscal impact. The application (due May 11, 2010) does not commit the City to utilize this financing mechanism, but it does keep the option open for further evaluation. If the loan application is selected for funding, staff will return to Council for authorization to execute the loan agreement.

### **STAFF CONTACT**

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Mike Mattar, Design Division Manager, 425-452-4318

Karen Gonzalez, Neighborhood Services Manager, 425-452-4598

*Transportation Department*

### **POLICY CONSIDERATION**

These actions support the implementation of a new east-west roadway along the NE 4<sup>th</sup> Street alignment from 116<sup>th</sup> to 120<sup>th</sup> Avenues NE, a segment identified as a high priority project in the Mobility & Infrastructure Initiative due to its connecting corridor role between Downtown Bellevue and Wilburton/Bel-Red Subareas. The project is consistent with policies in the 2008 update to the Wilburton/NE 8<sup>th</sup> Subarea Plan, including improving local access and circulation (S-WI-25) and improving pedestrian/bicycle facilities on arterial streets (S-WI-28).

The NE 5<sup>th</sup> Street Traffic Assessment and Implementation Plan supports Project No. 583 in the East Bellevue Transportation Plan that states “Identify and install traffic calming mitigation measures to reduce neighborhood impacts in accordance with a neighborhood implementation plan” for the project location of NE 5<sup>th</sup> Street between 120<sup>th</sup> Avenue NE and 124<sup>th</sup> Avenue NE. Neighborhood preservation and reduction of cut-through traffic are high priorities for Bellevue residents. The Transportation Element of the Comprehensive Plan addresses this issue and specifically identifies preserving the safety of residential streets and the livability of residential neighborhoods (Policy TR-115).

The PWTF loan application is consistent with Comprehensive Plan Policy TR-105 (aggressively seek state and federal funds for transportation capital, maintenance, operational, service, and demand-oriented improvements) and is consistent with the Mobility and Infrastructure Initiative Finance Plan.

### **BACKGROUND**

Past Council actions supporting the recommendations in this Agenda item:

- February 25, 2008 Council approved Ordinance No. 5803 amending the Wilburton/NE 8<sup>th</sup> Street Subarea Plan to include a new east/west extension.

- December 1, 2008 Council approved Ordinance No. 5851 adopting the 2009-2010 Budget and 2009-2015 Capital Investment Program (CIP) Plan, which included the Mobility and Infrastructure Initiative (CIP Plan No. G-80).
- January 20, 2009 Council approved Resolution No. 7874 endorsing the City's Mobility and Infrastructure Initiative and Finance Plan.
- October 5, 2009 Council approved Resolution No. 7993 authorizing the execution of a Phase I consultant agreement with PB to prepare an Engineering Design report and identify the preferred alignment for a new NE 4<sup>th</sup> Street roadway.
- February 1, 2010 Council approved Ordinance No. 5936 authorizing the amendment of the 2009-2015 Capital Investment Program (CIP) to create a new CIP project "NE 4<sup>th</sup> Street Extension-116<sup>th</sup> to 120<sup>th</sup> Avenues NE (CIP Plan NO. PW-R-160) with an initial budget of \$3,600,000.

On April 12, 2010 staff provided Council with a Study Session update on the status of the Wilburton Connections projects, including the NE 4<sup>th</sup> Street Extension and associated mitigation for NE 5<sup>th</sup> Street, and on the Mobility & Infrastructure Initiative funding package.

### **NE 4<sup>TH</sup> STREET EXTENSION**

The NE 4<sup>th</sup> Street extension from 116<sup>th</sup> to 120<sup>th</sup> Avenue NE (adopted in the Wilburton/NE 8<sup>th</sup> Street Subarea plan and assumed in the Bel-Red Corridor plan) was identified as a high priority project within the Mobility & Infrastructure Initiative. When combined with improvements to 120<sup>th</sup> Avenue NE, this project provides a new alternative route between I-405 and SR 520 to connect downtown Bellevue with centers east of I-405, including the Bel-Red Corridor. This new route will bypass two key chokepoints, the intersections of 112<sup>th</sup> Avenue NE and 116<sup>th</sup> Avenue NE with NE 8<sup>th</sup> Street, and will improve travel times for cars, transit, freight, and non-motorized modes.

The Phase I NE 4<sup>th</sup> Street Extension consultant agreement (Resolution No. 7993 approved on October 5, 2009 in an amount not to exceed \$1,189,845) funded the Engineering Design Report phase and identification of the horizontal and vertical alignments for the new NE 4<sup>th</sup> Street roadway. The alternatives analysis is completed, a preferred alternative has been identified, and 30% plans drafted in support of the preferred alignment. The alternative, known as the "Best Buy Alternative" was selected because it limited impacts to the least number of parcels possible, is the most cost effective, and is compatible with the overall long term vision for the Wilburton commercial district, including the proposed urban village concept.

This proposed action is a supplement to the Phase I consultant agreement and would complete the final design and prepare the construction contract documents for the identified alternative. The contract supplement also includes a placeholder to complete the design for any engineering modifications identified in the NE 5<sup>th</sup> Street Traffic Analysis project. The design contract is anticipated to be complete by early 2011.

### **NE 5<sup>TH</sup> STREET TRAFFIC ANALYSIS AND NEIGHBORHOOD PLAN**

During the Wilburton/NE 8<sup>th</sup> Subarea planning process and update to the East Bellevue Transportation Plan, residents living east of 120<sup>th</sup> Avenue NE expressed concern about the potential impacts of increased traffic volumes brought about by proposed improvements to NE 4<sup>th</sup> Street and 120<sup>th</sup> Avenue NE from NE 4<sup>th</sup> to NE 8<sup>th</sup> Streets. In particular, they anticipated

increased cut through traffic on NE 5<sup>th</sup> Street, which connects 120<sup>th</sup> to 124<sup>th</sup> Avenue NE and transitions vehicles from Wilburton's commercial area to the residential area.

As a result of community input, the East Bellevue Transportation Plan now includes Project No. 583 for installation of traffic calming measures. This proposed action would support the development of a traffic calming plan in accordance with adopted Council policies and with support of the Wilburton Community.

The Transpo Group was selected to be the City's engineering consultant for this project. City staff evaluated ten consultant firms that replied to Request for Qualifications #10032. Firms were rated on experience in traffic analysis and developing traffic calming plans, experience with public involvement, and approach to the project. Four firms (HW Lochner; Fehr and Peers; Caseday Consulting; and The Transpo Group, Inc.) were then invited to participate in interviews with a panel of City staff to present how their firm's qualifications would meet our goals for the project.

The Transpo Group was selected for their approach to the project, quality of presentation, integration of the traffic analysis with the public involvement process, and team dynamics. Public involvement with area stakeholders is expected to begin immediately, with the plan concepts completed by October 2010. Staff anticipates final design of any modifications to NE 5<sup>th</sup> Street will be incorporated into the construction documents for NE 4<sup>th</sup> Street so that implementation would be completed as part of the NE 4<sup>th</sup> Street construction contract.

#### **PUBLIC WORKS TRUST FUND (PWTF) LOAN**

The Washington State Public Works Board is authorized by state statute (RCW 43.155) to loan money to counties, cities, and special purpose districts to repair, replace, or create new public works infrastructure. Low interest loans are made from the public works assistance account, which was established by bond in 1983 and is replenished through loan payments and small allocations of state taxes related to the eligible systems (primarily state Real Estate Excise Taxes). Jurisdictions may receive up to \$10 million in loans within the state's biennial budget.

The City is eligible to submit an application to the Public Works Trust Fund FY2012 Construction Program for a loan of up to \$10,000,000 with a ½ of 1 percent (0.5%) interest rate (assuming a 15 percent local match) over a term of up to 20 years. The application deadline is May 11, 2010. The Public Works Board will make a recommendation to the State Legislature during the fourth quarter of 2010, with loan agreements executed by July 2011.

Staff recommends the City submit an application in support of the NE 4<sup>th</sup> Street Extension construction phase. Council authorization of the application does not commit the City to utilize this financing mechanism, but keeps the option open for further consideration and evaluation.

The City is currently paying off one existing transportation PWTF loan for \$750,000 in support of the NE 24<sup>th</sup> Street Non-motorized Improvements project. Payments are programmed to continue through 2026 utilizing Public Works Loan – Principal (CIP Plan No. PW-R-82) and Public Works Trust Fund Loan – Interest (CIP Plan No. PW-R-83).

#### **EFFECTIVE DATE**

If approved, these actions become effective immediately upon Council adoption.

## OPTIONS

1. Approve all three actions to advance implementation of the NE 4<sup>th</sup> Street Extension from 116<sup>th</sup> to 120<sup>th</sup> Avenues NE (CIP Plan No. PW-R-160):
  - Resolution No. 8080 authorizing execution of a consultant agreement with PB Americas, Inc. in the amount of \$1,341,656 to complete the final design and prepare Plans, Specifications and Estimates for the project;
  - Resolution No. 8081 authorizing the execution of a consultant agreement with The Transpo Group, Inc. in the amount of \$93,012 to conduct a traffic assessment and public involvement process supporting a traffic calming plan for NE 5<sup>th</sup> Street (from 120<sup>th</sup> to 124<sup>th</sup> Avenues NE) to serve as mitigation for potential impacts anticipated as a result of the NE 4<sup>th</sup> Street Extension; and
  - Motion to authorize Transportation Department staff to file an application for a FY2012 Public Works Trust Fund Construction Program loan of up to \$10,000,000 to provide funding for the construction phase of the project.
2. Approve Resolution No. 8080 and No. 8081 to advance the NE 4<sup>th</sup>/NE 5<sup>th</sup> Streets design phase and do not approve the application for a Public Works Trust Fund FY2012 Construction Program loan.
3. Do not approve Resolution No. 8080 and No. 8081 or the PWTF loan application and provide alternative direction to staff.

## RECOMMENDATION

Approve Option 1.

## MOTION

Move to approve all three actions to advance implementation of the NE 4<sup>th</sup> Street Extension from 116<sup>th</sup> to 120<sup>th</sup> Avenues NE (CIP Plan No. PW-R-160):

Resolution No. 8080 authorizing execution of a consultant agreement with PB Americas, Inc. in the amount of \$1,341,656 to complete the final design and prepare Plans, Specifications and Estimates for the project;

Resolution No. 8081 authorizing the execution of a consultant agreement with The Transpo Group, Inc. in the amount of \$93,012 to conduct a traffic assessment and public involvement process supporting a traffic calming plan for NE 5<sup>th</sup> Street (from 120<sup>th</sup> to 124<sup>th</sup> Avenues NE) to serve as mitigation for potential impacts anticipated as a result of the NE 4<sup>th</sup> Street Extension; and

Motion to authorize Transportation Department staff to file an application for a FY2012 Public Works Trust Fund Construction Program loan of up to \$10,000,000 to provide funding for the construction phase of the project.

## ATTACHMENTS

CIP Project Description – CIP Plan No. PW-R-160

Proposed Resolution No. 8080 and No. 8081

## AVAILABLE IN COUNCIL OFFICE:

Draft Consultant Agreements

## PW-R-160 NE 4th Street Extension – 116th to 120th Avenues NE

Category: **Roadways**  
 Department: **Transportation**

Status: **New**  
 Location:

**Programmed Funding**

Programmed Funding	Appropriated To Date	FY 2009 Budget	FY 2010 Budget	FY 2011 Budget	FY 2012 Budget	FY 2013 Budget	FY 2014 Budget	FY 2015 Budget
3,600,000	-	200,000	3,400,000	-	-	-	-	-

**Description and Scope**

This project will implement a new five lane arterial, with two travel lanes in each direction and a center turn lane where necessary, between 116th Avenue NE and 120th Avenue NE. The project will include bike lanes, curb, gutter and sidewalk on both sides, illumination, landscaping and irrigation, storm drainage and detention. The project will accommodate other utility infrastructure as needed. The final roadway alignment will be determined in coordination with existing and potential future development and with the ownership interests of the Burlington Northern Santa Fe (BNSF) railway corridor. The project will be designed not to preclude potential future uses of the BNSF corridor. The project will include a new signalized intersection at NE 4th Street/120th Avenue NE and will modify the existing signalized intersection at NE 4th Street/116th Avenue NE. Implementation of the project will be closely coordinated with the complementary 120th Avenue NE Improvements project (Segment 1; CIP Plan No. PW-R-161). A neighborhood protection plan, to address potential traffic impacts along NE 5th Street to the east of 120th Avenue NE, may be developed in coordination with the neighborhood.

The initial project budget is intended to fund work associated with the project design phase only.

**Rationale**

The NE 4th Street Extension project is one of a number of high priority transportation investments that make up the Mobility and Infrastructure (M&I) Initiative. The M&I Initiative was formed to address unprecedented growth in Downtown Bellevue and to support planned growth in the Bel-Red and Wilburton areas. The NE 4th Street Extension project in association with a widened and improved 120th Avenue NE, the planned extension of NE 6th Street, the planned NE 15th/16th Street multi-modal corridor, and improvements to 124th Avenue NE will support increased connectivity between Downtown Bellevue, the new Bel-Red transit-oriented-development node, and the Overlake regional growth center. The new route will provide an alternate to and relieve congestion at key intersections including NE 8th Street at 112th Avenue NE and NE 8th Street at 116th Avenue NE. Improvements will enhance travel time and mobility options for passenger cars, transit, freight, pedestrians, and bicycles.

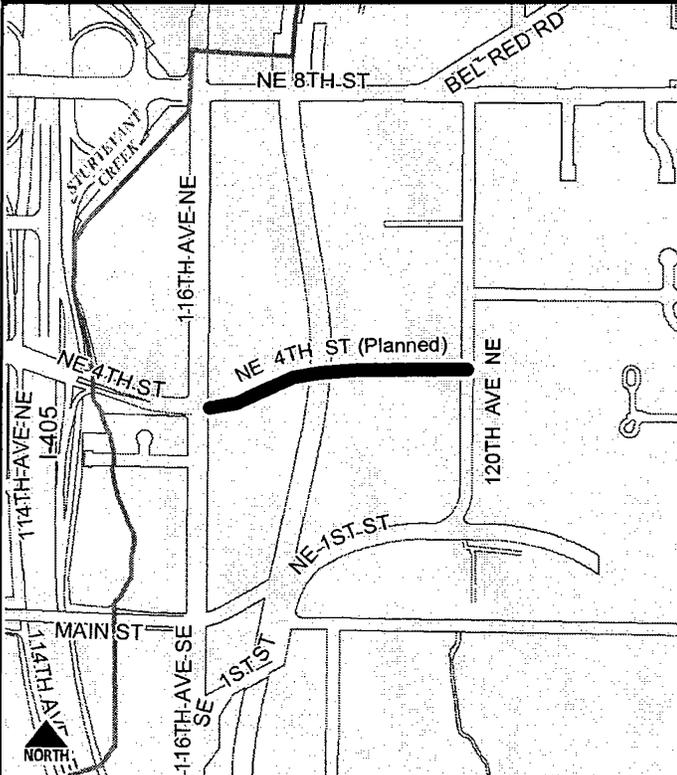
**Environmental Impacts**

A project specific environmental determination, consistent with federal requirements, will be made during the project design phase. A citywide programmatic environmental review including this project was conducted as part of the citywide 2009-2020 Transportation Facilities Plan update. Programmatic impact and mitigation documentation is included in the 2009-2020 TFP Final Environmental Impact Statement, published in March 2009.

**Operating Budget Impacts**

Ongoing maintenance and operations costs of the new facilities will be determined during the project's design phase.

**Project Map**



**Schedule of Activities**

Project Activities	From - To	Amount
Project Costs	2009-2010	3,600,000
<b>Total Budgetary Cost Estimate:</b>		3,600,000
<b>Means of Financing</b>		
<b>Funding Source</b>		<b>Amount</b>
Mobility & Infrastructure Initiative – General Taxes		1,200,000
Supplemental CIP LTGO Bonds		2,400,000
<b>Total Programmed Funding:</b>		3,600,000
<b>Future Funding Requirements:</b>		0

CITY OF BELLEVUE, WASHINGTON

RESOLUTION NO. 8080

A RESOLUTION authorizing execution of a Consultant Agreement with PB Americas, Inc., in an amount not to exceed \$1,341,656.00, to complete the final design and prepare plans, specifications and estimates to advance implementation of the NE 4<sup>th</sup> Street Extension from 116<sup>th</sup> to 120<sup>th</sup> Avenues NE (CIP Plan No. PW-R-160).

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 Consultant Agreement with PB Americas, Inc., in an amount not to exceed \$1,341,656.00, to complete the final design and prepare plans, specifications, and estimates to advance implementation of the NE 4<sup>th</sup> Street Extension from 116<sup>th</sup> to 120<sup>th</sup> Avenues NE (CIP Plan No. PW-R-160), a copy of which Consultant Agreement has been given Clerk's Receiving No. \_\_\_\_\_.

Passed by the City Council this \_\_\_\_\_ day of \_\_\_\_\_, 2010, and signed in authentication of its passage this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

(SEAL)

\_\_\_\_\_  
Don Davidson, DDS  
Mayor

Attest:

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

CITY OF BELLEVUE, WASHINGTON

RESOLUTION NO. 8081

A RESOLUTION authorizing execution of a Consultant Agreement with The Transpo Group Inc, in an amount not to exceed \$93,012, to conduct a traffic assessment and public involvement process supporting a traffic calming plan for NE 5<sup>th</sup> Street (from 120<sup>th</sup> to 124<sup>th</sup> Avenues NE) to serve as mitigation for potential impacts anticipated as a result of the NE 4<sup>th</sup> Street Extension.

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 Consultant Agreement with The Transpo Group, Inc, in an amount not to exceed \$93,012, to conduct a traffic assessment and public involvement process supporting a traffic calming plan for NE 5<sup>th</sup> Street (from 120<sup>th</sup> to 124<sup>th</sup> Avenues NE) to serve as mitigation for potential impacts anticipated as a result of the NE 4<sup>th</sup> Street Extension, a copy of which Consultant Agreement has been given Clerk's Receiving No. \_\_\_\_\_.

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(SEAL)

\_\_\_\_\_  
Don Davidson, DDS  
Mayor

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