

CITY COUNCIL AGENDA MEMORANDUM

SUBJECT:

Resolution No. 8130 authorizing the execution of a contract supplement with INCA Engineering, Inc., to prepare 30% engineering work for 120th Avenue NE, NE 8th Street to NE 12th Street, part of the Wilburton Connections projects (CIP Plan No. PW-R-164).

FISCAL IMPACT:

This action obligates the City to \$308,660 to prepare 30% engineering work for 120th Avenue NE, NE 8th Street to NE 12th Street. This project will be funded through the 120th Avenue NE project, NE 8th Street to Northup Way (Segment 2 and 3), as appropriated by Council on July 6, 2010 (CIP Plan No. PW-R-164).

There are sufficient funds budgeted in the 2010 CIP Budget to cover costs associated with this contract.

Project Category: Roadways
CIP Plan No: PW-R-164
Project Name: 120th Avenue NE Improvements (Segment 2) – NE 8th to NE 12th Street

(\$ 000)

	Current Budget	LTD Expenditures	Total Projected Expenditures	Projected Balance	<i>This Action</i>	Actual / Projected Completion Date
Phase I (Design)	\$3,220	\$20		\$ 0	\$309	Q4-10
Phase II (Right of Way)	0	0		0	0	NA
Phase III (Construction)	0	0		0	0	NA
Total	\$3,220	\$20		\$ 0	\$309	

All engineering design, right-of-way and construction costs will be tracked for inclusion in a potential Bel-Red Corridor Local Improvement District (LID), which is a proposed funding strategy in the Mobility and Infrastructure Finance Plan, should it be formed. This contract supplement will be tracked and budgeted separately from the original contract because Segment 2 could be included in a different LID than Segment 1, which is part of the Wilburton LID currently being evaluated.

STAFF CONTACT:

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David Berg, Deputy Director, 425-452-6468
Mike Mattar, Design Division Manager, 452-4318
Steve Costa, Senior Project Manager, 452-2845
Transportation Department

POLICY CONSIDERATION:

The action supports the implementation of improvements identified as high priority projects in the Mobility & Infrastructure Initiative due to their connecting corridor roles between Downtown Bellevue and Wilburton/Bel-Red Subareas. The project is consistent with policies in the 2008 update to the Wilburton/NE 8th Subarea Plan, and the adopted Comprehensive Plan amendments to include the Bel-Red Corridor Plan in 2009, including improving local access and circulation (S-WI-25), designing and developing arterial improvements (S-BR-54), and improving pedestrian/bicycle facilities on arterial streets (S-WI-28). This action is also consistent with Comprehensive Plan Policy TR-105, which encourages the aggressive pursuit of grant funding for capital projects.

BACKGROUND:

On August 3, 2009 Council approved the original contract with INCA Engineering, Inc. in the amount of \$604,235.10 for design of CIP Plan No. PW-R-161, the 120th Avenue NE Improvements (Segment 1) - NE 4th to NE 8th Street (Resolution No. 7966).

On April 19, 2010 Council amended the 2009-2015 CIP to create CIP Plan No. PW-R-164, the 120th Avenue NE Improvements (Segment 2) - NE 8th to NE 12th Street. This action was in response to requests by the Wilburton community for completion of these improvements prior to, or in conjunction with, the extension of NE 4th Street from 116th Avenue NE to 120th Avenue NE (CIP Plan No. PW-R-160).

On May 17, 2010 Council approved Resolution No. 8098 authorizing execution of a contract supplement with INCA Engineering, Inc., in the amount of \$134,416.73 to prepare conceptual engineering design for 120th Avenue NE (Segment 2), NE 8th Street to NE 12th Street.

On June 28, 2010 Council directed staff to pursue a Transportation Investment Generating Economic Recovery Discretionary Grant (TIGER II) for 120th Avenue NE from NE 8th Street to Northup Way.

On July 6, 2010 Council authorized a revision to CIP Plan No. PW-R-164 that combined 120th Avenue NE Segment 2 (NE 8th to NE 12th Street) with Segment 3 (NE 12th Street to Northup Way), and transferred \$3.03 million into CIP Plan No. PW-R-164 from CIP Plan No. G-80. Fully funding both segments provides a clearer understanding of right of way and construction costs for future budgeting. In addition, an advance design makes for a more competitive project when pursuing grant opportunities.

On July 26, 2010 Council approved a contract with PB Americas to prepare substantial preliminary engineering design (phase one) and grant support for the 120th Avenue NE, NE 8th Street to Northup Way project.

Consultant Selection Process for 120th Avenue NE Segment 1:

INCA Engineers, Inc. was selected to be the City's engineering consultant for Segment 1. This selection was made after evaluating ten consultant firms from the City's current consultant roster. The selected firms were:

- AECOM
- Gray & Osborne, Inc.
- HNTB Corporation
- INCA Engineers, Inc.

- Jacobs Engineering Group, Inc.
- KPFF Consulting Engineers
- Parametrix
- Perteet Inc.
- URS Corporation
- WH Pacific, Inc.

All ten firms were asked to prepare a four-page submittal outlining their qualifications and past experience designing similar projects. Upon reviewing the submittals, three firms were selected for interviews. The selection and interview panel consisted of four interdisciplinary City staff members. In the interviews, each firm was asked about their work history on similar projects, their approach to technical design issues on this project, and the business practices they utilize to ensure delivery on-time and within budget.

INCA Engineers, Inc. was selected because of their thorough knowledge of the engineering and technical project issues, their advanced knowledge and familiarity with the 120th Ave NE corridor and the BelRed area, and the strength of their project manager and project team.

Rationale for Additional Supplement to Segment 1 Contract

The consultant selection process for Segment 1 included the possibility of extending the northern limits of the project to include the NE 8th Street intersection covered under Segment 2. The May 17, 2010 supplement with INCA Engineers, Inc. to prepare conceptual engineering design for Segment 2 exercised this option. Staff now recommends a second supplement with INCA Engineers, Inc. so that they may advance the Segment 2 design work from the conceptual engineering level to a 30% level of completion. This supplement would allow the city to benefit from INCA's current work on the project to produce a sufficient level of engineering in time for the TIGER II grant application due August 23, 2010.

EFFECTIVE DATE:

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

OPTIONS:

1. Adopt Resolution No. 8130 authorizing the execution of a contract supplement with INCA Engineering, Inc., to prepare 30% engineering work for 120th Avenue NE, NE 8th Street to NE 12th Street, part of the Wilburton Connections projects (CIP Plan No. PW-R-164).
2. Do not approve Resolution No. 8130 and provide alternative direction to staff

RECOMMENDATION:

Adopt Resolution No. 8130 authorizing the execution of a contract supplement with INCA Engineering, Inc., to prepare 30% engineering work for 120th Avenue NE, NE 8th Street to NE 12th Street, part of the Wilburton Connections projects (CIP Plan No. PW-R-164).

MOTION:

Move to adopt Resolution No. 8130 authorizing the execution of a contract supplement with INCA Engineering, Inc., to prepare 30% engineering work for 120th Avenue NE, NE 8th Street to NE 12th Street, part of the Wilburton Connections projects (CIP Plan No. PW-R-164).

ATTACHMENTS:

- CIP Plan No PW-R-164
- Mobility and Infrastructure Initiative Project Funding/Financing
 - Short Term Funding Strategy
 - Preliminary Project Costs, Funding Sources, Gaps
- Proposed Resolution No. 8130

AVAILABLE IN COUNCIL OFFICE:

Draft of Consultant Supplement

FY 2009 - FY 2015 Capital Investment Program

PW-R-164 120th Ave NE Impr. (Sgmt 2 & 3) - NE 8th St. to Northup Way

Category: Roadways
Department: Transportation

Status: Approved and Begun
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
3,220,000	-	-	690,000	1,700,000	830,000	-	-	-

Description and Scope

This project will extend, realign and widen 120th Avenue NE from south of NE 8th Street to south of NE 12th Street (Segment 2) and widen 120th Avenue NE from south of NE 12th Street to Northup Way (Segment 3). Segment 2 of the project includes all intersection improvements at NE 8th Street and Old Bel-Red Road. Segment 3 of the project includes all intersection improvements at NE 12th Street, Northup Way, and an enhanced intersection with the proposed NE 15th Street to accommodate the proposed alignment of Sound Transit's East Link light rail route. The roadway cross-section will consist of five lanes, including two travel lanes in each direction with turn pockets or a center turn lane. The project will improve, or install where missing, bike lanes, curb, gutter and sidewalk on both sides, illumination, landscaping, irrigation, storm drainage, and water quality treatment. The project will be designed and constructed to reflect Bel-Red urban design criteria and to accommodate any necessary new and/or relocation of utility infrastructure. The project will be coordinated with the 120th Avenue NE improvements south of NE 8th Street (Segment 1; CIP Plan No. PW-R-161) and the NE 15th Street Multi-Modal Corridor (Segment 1: CIP Plan No. PW-R-163).

The current project budget is intended to fund the complete design phase associated with the project scope described above. Project implementation may occur in phases or include interim facilities dependent upon funding availability and coordination with other Bel-Red and Wilburton area capital investments or private developments.

Rationale

The 120th Avenue Improvements 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 120th Avenue Improvements project in association with the extension of NE 4th Street, 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 centers. 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.

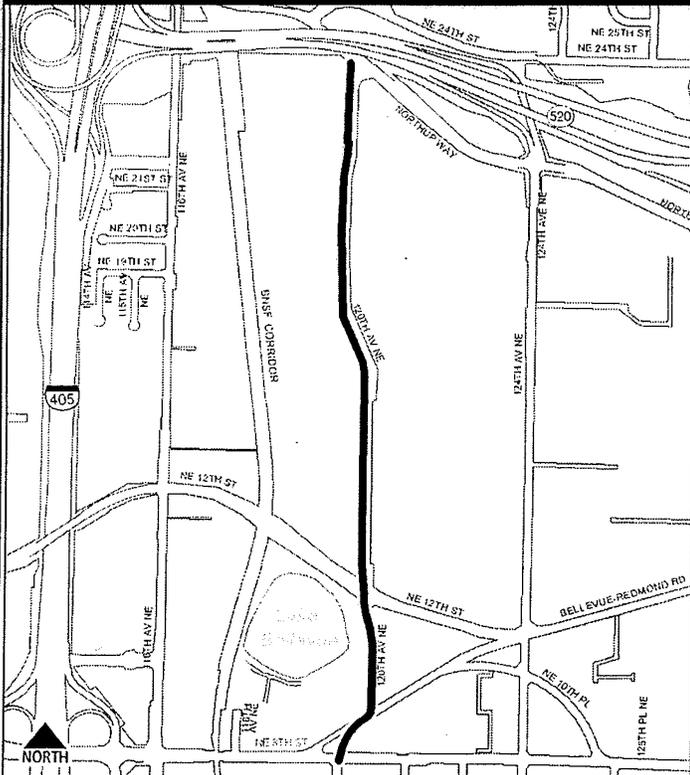
Environmental Impacts

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	Ongoing	3,220,000
Total Budgetary Cost Estimate:		3,220,000

Means of Financing

Funding Source	Amount
Mobility & Infrastructure Initiative – General Taxes	3,220,000
Total Programmed Funding:	3,220,000
Future Funding Requirements:	0

**MOBILITY AND INFRASTRUCTURE INITIATIVE PROJECT
FUNDING/FINANCING**

Short Term Funding Strategy Category	Amount (\$ in 000's)
Funding	
Supplemental CIP Funding (two 2% levy increases)	\$14,000
Supplemental CIP authorized projects	(6,600)
Supplemental CIP Funding Transferred to Mobility Initiative	\$ 7,400
Federal Grant (120 th Avenue NE Improvements)	2,600
Long Term Debt (2009 3% levy increase)	10,000
Total Mobility and Infrastructure Funding	\$20,000

Category	Amount (\$ in 000's)
Project Allocations:	
<u>Adopted by Council on February 1, 2010 (Ordinance No. 5936)</u>	
• NE 4th Street Extension (CIP PW-R-160)	\$3,600
• 120th Avenue NE Improvements (Segment 1; PW-R-161)	8,600
• NE 6th Street Extension (PW-R-162)	1,000
<u>Adopted by Council on March 8, 2010 (Ordinance No. 5942)</u>	
• NE 15th Street Multi-Modal Corridor (Segment 1; PW-R-163)	1,000
<u>Adopted by Council on April 19, 2010 (Ordinance No. 5947)</u>	
• 120 th Avenue NE Improvements (Segment 2; PW-R-164)	190
Subtotal project Allocations	\$14,390
<u>Tonight's Proposed Action</u>	
• 120th Avenue NE Improvements (Segments 2 & 3) - NE 8th Street to Northup Way	3,030
Total Allocations	\$17,420
Remaining Funding Available	\$ 2,580

MOBILITY AND INFRASTRUCTURE INITIATIVE PROJECT FUNDING/FINANCING

Preliminary Project Costs, Funding Sources, Gaps

\$(000)

120th AVENUE NE - Segment 1 (NE 4th - NE 8th)

	Estimated Costs (000)	FUNDING SOURCES						Revised GAP w/Unsecured		
		Secured				Total Secured	GAP		Unsecured	
		Secured	Unallocated		Other Options					
Design	925	900	LTGO Bonds ²			900	(25)			-
ROW	5,070	5,000	Sup. CIP ³	100	LTGO Bonds ²	5,100	30			-
Construction ¹	3,100	2,600	Fed. STP Grant ⁴			2,600	(500)	500	Est. LID ⁵	0
120th Totals	\$9,095	\$8,500		\$100		\$8,600	(\$495)			

NE 4th STREET EXTENSION

	Estimated Costs (000)	FUNDING SOURCES						Revised GAP w/Unsecured			
		Secured				Total Secured	GAP		Unsecured		
		Allocated	Unallocated		Options						
Design	3,600	1,200	LTGO Bonds ²			3,600	0			-	
ROW	24,200	2,400	Sup. CIP ³		7,000	LRF ⁶	7,000	(17,200)	5,500	Est. LID ^{6,6}	(11,700)
Construction ¹	10,600						(10,600)	5,600	Fed. STP Grant ⁴	0	
								10,000	PWTF ^{6,7}		
NE 4th Totals	\$38,400	\$3,600		\$7,000		\$10,600	(\$27,800)			(\$11,700)	

NE 6th STREET EXTENSION

	Estimated Costs (000)	FUNDING SOURCES						Revised GAP w/Unsecured		
		Secured				Total Secured	GAP		Unsecured	
		Secured	Unallocated		Other Options					
Pre-Design	1,000	1000	LTGO Bonds ²			1,000	0			-
Design	TBD						TBD			TBD
ROW	TBD						TBD			TBD
Construction ¹	TBD						TBD			TBD
120th Totals	\$1,000	\$1,000		\$0		\$1,000	\$0			

15th Multi-Modal Corridor

	Estimated Costs (000)	FUNDING SOURCES						Revised GAP w/Unsecured		
		Secured				Total Secured	GAP		Unsecured	
		Secured	Unallocated		Other Options					
Pre-Design	1,000	1000	LTGO Bonds ²			1,000	0			-
Design	TBD						TBD			TBD
ROW	TBD						TBD			TBD
Construction ¹	TBD						TBD			TBD
120th Totals	\$1,000	\$1,000		\$0		\$1,000	\$0			

120th AVENUE NE - Segments 2 and 3 (NE 8th - Northup Way)

	Estimated Costs (000)	FUNDING SOURCES						Revised GAP w/Unsecured		
		Secured				Total Secured	GAP		Unsecured	
		Secured	Unallocated		Other Options					
Design	3,220	3220	LTGO Bonds			3,220	0			-
ROW	20,364					0	(20,364)			-
Construction ¹	18,580					0	(18,580)			(18,580)
120th Totals	\$42,164	\$3,220		\$0		\$3,220	(\$38,944)			

1 Construction costs include staff time and construction engineering

2 LTGO Bonds (from 3% one time property tax increase) Total = \$7,420

3 Supplemental CIP Total = \$7,400

4 Fed STP Grant is restricted to construction phase and requires a 13.5% local match

5 Assumes an estimated \$6M in total LID Revenues available for Wilburton Projects

6 LRF and LID dollars are unrestricted to phase and project

7 Public Works Trust Fund - Dec. 2010, COB will know if on the list.

CITY OF BELLEVUE, WASHINGTON

RESOLUTION NO. 8130

A RESOLUTION authorizing execution of a contract supplement with INCA Engineering Inc., in an amount not to exceed \$308,660 to prepare 30% engineering design for 120th Avenue NE, NE 8th Street to NE 12th Street project which is part of the Wilburton Connections projects and is funded through the 120th Avenue NE project, NE 8th Street to Northup Way (segment 2 and 3), (CIP Plan No. PW-R-164).

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 contract supplement with INCA Engineering, Inc., in an amount not to exceed \$308,660, to prepare 30% engineering design for 120th Avenue NE, NE 8th Street to NE 12th Street project, which is part of the Wilburton Connections projects and is funded through the 120th Avenue NE project, NE 8th Street to Northup Way (Segment 2 and 3), (CIP Plan No. PW-R-164), a copy of which contract 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