



## Transportation & Public Works Special Committee Meeting

Thursday, May 31, 2018  
4:00 PM to 5:30 PM  
SeaTac City Hall – Riverton Room

Councilmembers:  
Peter Kwon, Chair  
Rick Forschler  
Pam Fernald

A quorum of the Council may be present

Staff Coordinators: Will Appleton, Public Works Director; Florendo Cabudol, City Engineer; Janet Mayer, Asst. City Engineer

TIME	TOPIC	PROCESS	WHO	TIME
1	Call to order		Chair	5
2	Public Comment	Please raise your hand if you'd like to speak. Public comments are limited to 10 minutes total, 3 minutes per individual. Time may be reduced for each speaker in order to stay within the overall 10 minute time limit.	Chair	10
3	Prior Minutes Approval	Approve minutes from 5/17 T&PW Meeting	Chair	5
4	2018 Overlay Project	Action/Recommendation	Janet Mayer	15
5	South 166 <sup>th</sup> Street Sidewalk Project Approval	Action/Recommendation	Janet Mayer	10
6	Adjourn	Adjourn Meeting	Chair	5



## Transportation & Public Works Committee Meeting

Thursday, May 17, 2018  
4:30 pm to 6:30 pm  
SeaTac City Hall – Riverton Room 128

Commenced: 4:35 PM  
Adjourn: 6:29 PM

<u>Councilmembers:</u>	<u>Present</u>	<u>Absent</u>
Peter Kwon, Chair	X	
Rick Forschler	X	
Pam Fernald	X	

Other Council members present: Joel Wachtel; Clyde Hill

Staff Coordinators: Will Appleton, Public Works Director; Janet Mayer, Asst. City Engineer  
Other Staff Members Present: Hien Nguyen, Civil Engineer; Joe Scorcio, City Manager; Jeff Robinson, CED Director; Mark Johnsen, Sr. Asst. City Attorney;

ITEM	TOPIC	PROCESS	Notes
1	Call to order		
2	Public Comment	Please raise your hand if you'd like to speak. Public comments are limited to 10 minutes total and 3 minutes per individual speaker. Time may be reduced for each speaker in order to stay within the overall 10 minute time limit.	none
3	Approval of Prior Minutes	Approve April 23 and April 30 Minutes  Both meeting minutes were approved	
4	6-Year Transportation Improvement Program (TIP)	Informational Presentation of 6-Year TIP 2019-2024  Review of the 6-Year Transportation Improvement Program (TIP) 2019-2024. In accordance with State Law, the City prepares its transportation improvement projects for the next six years, which must be approved and submitted to the State each July. Projects at the beginning of the list for the next 2 years are funded and in the design process. Projects further out on	

		<p>the list are based on the best information of staff when looking long term at WSDOT and neighboring cities' projects, economic development, roadway conditions, etc. The list informs grant searches and applications, as well.</p> <p>The 6-Year TIP does not include WSDOT SR 509 construction and Sound Transit Link Light Rail Extension, but these projects will have major impact in the city, and study and improvements of the 200<sup>th</sup> Street corridor between International Blvd and Military Rd South will be held until those projects are constructed. In the meantime, WSDOT is looking into creating more capacity on the on-ramp to I-5 from S 200<sup>th</sup> Street, which will relieve some of the congestion on Military Rd S and S 200<sup>th</sup> Street.</p> <p>A copy of the draft TIP is attached.</p>		
5	Sound Transit Developer Agreements	<p>Informational Update</p> <p>An update of where the Sound Transit Federal Way Link Extension is in the design phase, with emphasis on the Transit Way Agreement. The environmental approval was given March, 2017. Preliminary Design was issued in April 2018. Transit Way and Developer Agreements are due in July 2018. A Request for Proposal went out in April 2018, and a short list will be approved by August, 2018. A contractor will be selected by March 2019 with NTP by August 2019.</p> <p>The Transit Way agreements will be standardized across the four jurisdictions of the extension. The agreement allows Sound Transit to construct, operate, maintain and own the rail system in the city. It governs the city's right within the transit way system. The Developer agreement will be specific to the City of SeaTac. Both agreements need to be enacted by Resolution and signed by CM.</p>	Hien Nguyen	

		<p>Some issues are still being worked out. They include; Level of Maintenance; Restoring the Public ROW; Emergency Access during and post construction and Surplus Lands are some.</p> <p>Next Steps in SeaTac are T&amp;PW June 21 – committee recommendation needed to move to RCM for action. Public Hearing July 10. Council action approving the two agreements either July 10 or July 24.</p>		
6	Traffic on S 198 <sup>th</sup> St & 32 <sup>nd</sup> Ave S/S 200 <sup>th</sup> St	<p>Informational Update</p> <p>There have been several citizen complaints about vehicles using South 198<sup>th</sup> as a cut through alternative to Military Road and 200<sup>th</sup> Streets. Complaints have been about both speeding and volume of vehicles using the roadway. There are no sidewalks and children walk to school and school buses stop on the road.</p> <p>PW Engineering did a traffic study in 2017 – volume of cars met the threshold for speedhumps but not speed.</p> <p>Chair Kwon mentioned that the numerous homemade signs in resident yards asking people to slow down may have contributed to speed thresholds not being met.</p> <p>PW Engineering has chosen to install a new 3-Way Stop at the intersection of S 198<sup>th</sup> and 32<sup>nd</sup>, which is at the jurisdiction’s discretion, due to fast traffic around the corner and sight distance issues.</p> <p>The City is currently working with WSDOT to make temporary improvements at the 200<sup>th</sup> Street on-ramp to I-5 which will allow for more vehicle capacity on the on-ramp. This will hopefully alleviate some of the congestion on eastbound 200<sup>th</sup>, and causing less traffic to overflow onto South 198<sup>th</sup> Street.</p> <p>Also, South 198<sup>th</sup> Street will be considered for a future Neighborhood Sidewalk Project.</p>	Janet Mayer	

7	Kent Mountain View Academy – School Zone Establishment	<p>Informational Update</p> <p>Following a number of resident complaints about speeding at the Kent Mountain View Academ, located off of Military Rd S and S 224<sup>th</sup> Street, the City looked into establishment of a School Zone.</p> <p>A traffic study determined that 83% of southbound Military Rd S traffic sped above the 35 MPH rate, and 63% of the northbound traffic sped. Also there have been 23 accidents in 3 years at or near this location.</p> <p>Kent School District confirmed that several children are walking from the neighborhood, and several children have been observed crossing dangerous Military Road to reach the school.</p> <p>Establishing a School Zone, includes signage with flashing beacon for 20 MPH in the zone. Signage without the flashing beacon will cost the City \$1600, and with the beacons \$16,000. The City is recommending the flashing beacons.</p> <p>A comment was made to be prepared to look at all of the schools in the City, and revisit the criteria for flashing beacons at each location. No other school zone in the City has the flashing beacons. A flashing LED stop sign was placed recently at 42<sup>nd</sup> &amp; S. 182<sup>nd</sup> outside Bow Lake Elementary.</p>	Janet Mayer	
8	ADA Transition Plan Final Report	<p>Informational Update</p> <p>The City has received the final ADA Transportation Plan Report from its consultant, Transpo Group.</p> <p>The Plan identifies all of the barriers to access in the right of way, and prioritizes removal of the barriers based on their severity and proximity to public destinations.</p> <p>The ADA Transition Plan is a requirement of the 1990 Americans with Disabilities Act.</p> <p>The City's ADA Transition Plan has 80 pages and 6 chapters, which are posted to the website.</p>	Janet Mayer	

		<p>Next Steps: Public Works will have a final report and plan soon, with a recommended schedule for barrier removal. Removal of all barriers would be at a cost of about \$1,000,000 over 20 years. Council will have to adopt the plan When designing upcoming sidewalk and overlay projects, staff will consider nearby barriers that need replacement and incorporate them into projects whenever possible.</p> <p>The City is less vulnerable to liability if we are following a schedule of replacements.</p>		
9	Public Works Project Updates	<p>Informational Update</p> <p>The 2018 Overlay project, Military Rd S from S 209<sup>th</sup> Street to I-5 overpass, is at 100% design and ready to be advertised for construction on May 24. Project costs increased due to a number of factors. It is not a typical overlay as sidewalks and bike lanes are being constructed and the existing concrete panels require rubblization. The intersection improvements at 26<sup>th</sup> Ave/200<sup>th</sup> St were added to the project and both projects required consultant design services. An Ordinance to adjust the budget and award the project will be brought forth at the June 12 Council Meeting. The original cost of \$1,221,112 will be increased by \$1,713,100. The 102 Street Fund has the necessary funds to meet the need.</p> <p>The South 166<sup>th</sup> Street Safe Routes to School Project is at 100% design and an Ordinance will be brought forth to Council for award approval on June 12. It will include a budget adjustment of \$400,000, due to added design features including pedestrian lighting, traffic calming and landscape features. An all-way LED flashing stop will be installed at S 166<sup>th</sup> and 34<sup>th</sup> Avenue South as part</p>	Janet Mayer	
10	Adjourn		Chair	



# MEMORANDUM

To: Transportation and Public Works Committee  
Through: William Appleton, Public Works Director  
From: Janet Mayer  
Date: 05-31-2018  
Subject: 2018 Overlay Project

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## **Purpose:**

To obtain a recommendation from the committee for approval of the (1) scope and revised budget for the 2018 Overlay Project and (2) to bring the bid results to the City Council for consideration of award. The construction contract is currently advertised with a June 8<sup>th</sup> bid opening and will be brought to the June 12 Council Meeting as an ordinance with a request for an action to award.

## **Background:**

### Council/Committee Check-ins:

September 26, 2017 – a request to authorize the execution of a professional services contract for the design of this project was brought before Council and approved.

April 23, 2018 – a project update was provided to the T&PW Committee. PW staff communicated to the committee that the construction costs are estimated to be \$2.6 million and that a request for a budget amendment would be coming to the Council in the near future.

May 17, 2018 – an informational update was provided to the T&PW committee. The need for a budget adjustment was discussed at the meeting as well as the reasons why the project costs exceeded the budgeted costs.

### Budget

A budget modification will be necessary to award this project. The available budget in the 2018 Street Overlay Fund is \$1,221,112. The following additional expenses were not originally budgeted in the overlay project estimate:

- Road reconstruction vs. overlay costs (\$200,000) – the geotechnical analysis performed for this project recommended rubblization of the concrete panels. A simple overlay would not have been sufficient to provide the desired 20-year design pavement life.

Rubblization adds extra project costs for both the process and the traffic control to perform the process.

- Addition of the S. 200<sup>th</sup> St./26<sup>th</sup> Ave. S. Intersection Project to the contract (\$517,000) – in order to secure Sound Transit funds to pay for the ADA ramps at this location this work was added to the 2018 Overlay Project
- Addition of sidewalks and bike lanes to the project (\$225,000) – since this project is a road reconstruction project, sidewalks and bike lanes were added to the scope to be consistent with the City’s Transportation Master Plan
- Addition of water quality treatment to the project (\$103,000) – the road reconstruction triggered water quality treatment which was not included in the preliminary estimate
- Addition of radar speed feedback signs (\$40,000) – speed feedback signs were added due to feedback received from residents at the project open house
- Consultant design (\$334,200) – overlays are generally designed in-house but due to the complexity of this project, consultant design was necessary
- Traffic control (\$233,000) was significantly underestimated in the preliminary estimate (\$15,000)

### 2018 Overlay Budget Summary

Project Expenses	
Design Engineering	\$334,200
Construction (15% contingency)	\$2,713,000
Material Testing	\$25,000
Inspection Overtime	\$2,000
Total Project Cost (Design and Construction)	\$3,074,200
<b>Funding Sources</b>	
102 Street Fund	\$2,771,200
403 Surface Water Management Utility Fund	\$103,000
Sound Transit	\$200,000

A portion of this project will be reimbursed by Sound Transit (\$200,000) for the construction of the ADA ramps at S. 200<sup>th</sup> St. and 26<sup>th</sup> Ave. S.

The budget increase required based on the engineers estimate and associated contingency is \$1,750,088. [\$3,074,200 - \$103,000 (SWM costs) - \$1,221,112 (102 Fund Allocation)].

The additional funds needed to construct this project are available in the 102 Street Fund.





# MEMORANDUM

To: Transportation and Public Works Committee  
Through: William Appleton, Public Works Director  
From: Janet Mayer  
Date: 5/31/2018  
Subject: South 166<sup>th</sup> Street Safe Routes to School Project

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## **Purpose:**

To obtain a recommendation from the committee for approval of the (1) scope and budget for the South 166<sup>th</sup> Street Safe Routes to School Project and (2) to bring the bid results to the City Council for consideration of award. The construction contract is planned to be brought to the June 26<sup>th</sup> Council Meeting as an ordinance with a request for an action to award and modify the budget.

## **Background**

### Council/Committee Check-ins:

January 18, 2018 – a request to authorize the execution of a professional services contract for the design of this project was brought to the T&PW Committee for review. The need for a budget adjustment was discussed at that meeting and it was communicated that we would wait until a detailed engineer's estimate was developed to seek an increase in budget.

January 23, 2018 - a request to authorize the execution of a professional services contract for the design of this project was brought to the Council and approved.

April 23, 2018 – an informational update was provided to the Sidewalk Committee. The amount of the additional costs related to pedestrian lighting was discussed.

### Budget:

A budget modification will be necessary to award this project. This project is currently budgeted \$1,269,000 in the Transportation CIP Fund. The following additional expenses were not originally budgeted in the project estimate:

- \$233,000 for design engineering costs which were not planned but were necessary due to the departure of a staff member who was designing the project
- \$448,000 for pedestrian lighting as directed by the Sidewalk Committee
- \$166,280 for landscaping as directed by the Sidewalk Committee

- \$237,000 (estimated) for construction engineering costs which was not planned but is necessary due to workload.
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### South 166<sup>th</sup> Street Safe Routes to School Budget Summary

<b>Project Expenses</b>	
Design Engineering	\$233,000
<b>Construction (with 15% contingency)</b>	\$2,453,000
Construction Engineering	\$237,000
Material Testing	\$20,000
Inspection Overtime	\$2,000
<b>Total Project Cost (Design and Construction)</b>	<b>\$2,945,000</b>
<b>Funding Sources</b>	
Safe Routes to School Grant	\$967,200
City 307 Transportation CIP Funds	\$1,894,800

The budget increase required based on the engineers estimate plus contingency is \$1,676,000 (\$2,945,000 - \$1,269,000). This increase will both allow for the additional grant funds (\$967,200) to be expended in addition to cover projected increased project costs of \$708,800. Ultimately, the grant funding expenditure will be fully reimbursed. Additional funding for the project is available in the Streets Fund (102).