



Transportation & Public Works Meeting Agenda

June 17, 2021; 4:30 – 6:00 PM
“Virtual Meeting”

Due to the current COVID-19 public health emergency, this meeting will be conducted virtually. The meeting will be live streamed on SeaTV Government Access Comcast Channel 21 and the City’s website <https://www.seatacwa.gov/seatvlive> and click play. The public may also listen to the meeting by calling 206.973.4555 and muting your phone.

Councilmembers:
Peter Kwon, Chair
Pam Fernald
Takele Gobena

Note: A quorum of the Council may be present

Staff Coordinators: Will Appleton, Public Works Director; Florendo Cabudol, City Engineer;

Other Staff participating:

TIME	TOPIC	PROCESS	WHO	TIME
1	Call to order		Chair	
2	<p>PUBLIC COMMENTS: In an effort to adhere to the social distancing protocols, and in order to keep our residents, Council, and staff healthy, the Committee will not hear any in-person public comments. The committee is providing remote oral and written public comment opportunities. All comments shall be respectful in tone and content. Signing-up for remote comments or providing written comments must be done by <u>2:00PM</u> the day of the meeting. Any requests to speak or provide written public comments which are not submitted following the instructions provided or by the deadline will not be included as part of the record.</p> <ul style="list-style-type: none"> Instructions for providing remote oral public comments are located at the following link: Council Committee and Citizen Advisory Committee Virtual Meetings. 		Chair	5

	<ul style="list-style-type: none"> Submit email/text public comments to TPWPublicComment@seatacwa.gov. The comment will be mentioned by name and subject and then placed in the committee handout packet posted to the website. 			
3	Prior Minutes Approval	June 3 Minutes to approve	Chair	5
4	Award Construction Contract and Design Services Support for 2021 Overlays ST-901	Action	Kamal Mahmoud	15
5	Award Construction Contract and Design Services Support for S 221 st Street Drainage Project SWMCIP-11	Action	Kamal Mahmoud	15
7	King County Solid Waste Flow Control Letter of Support	Recommendation	Mason Giem	25
8	<u>Near Future Meeting Topics:</u> Flight Safety Property Boundary Line Adjustment; King County Solid Waste Bonding Program; ROW Uses and Responsibilities; 34 th Ave South Project Award; ILA with King County for Lake to Sound Trail Segment C;			5
9	Adjourn	Adjourn Meeting	Chair	



Transportation & Public Works Committee Meeting Minutes

Approve Prior
Meeting Minutes

Thursday, June 3, 2021
5:30 PM – 6:30 PM
** Virtual Meeting **

Members:	Present:	Absent:	Commence: 5:32 PM Adjourn: 6:24 PM
Peter Kwon, Chair	x		
Pam Fernald	x		
Takele Gobena	x		

Other Councilmembers participating: CM Tombs; CM Hill

Staff Coordinators: Will Appleton, Public Works Director;

Other Staff Participating: Mason Giem; Brenton Cook; Kamal Mahmoud; Gwen Voelpel;

Public Comment	No public comments were submitted
1. Approve Prior Meeting's Minutes	May 20 Minutes were approved to go to Council
2. King County Solid Waste Flow Control	<p>Discussion/Action Mason Giem, PW Programs Coordinator, presented the item, in which King County Solid Waste Division is seeking a letter of support from jurisdictions to agree that income from MRF facility residuals should remain the ownership of King County.</p> <p>Recyclables sent to the MRF facilities, always has residuals of actual waste from the recyclables, that is carried and disposed of at King County's Cedar Hills Regional Landfill in Maple Valley.</p> <p>City of Seattle recyclable residuals is being taken to their usual landfill, with the City of Seattle retaining the earnings.</p> <p>King County and The City of Seattle are currently splitting the disputed revenues while they are in arbitration.</p> <p>The County is asking for letters of support from the other jurisdictions for their position.</p> <p>Seattle's position is that the industry norm is that the city where the waste is created gets to control what happens to it.</p>

	<p>King County is facing quite a loss of revenue, and may have to increase rates, which would get pushed to the ratepayers.</p> <p>How would the Committee like to respond?</p> <p>After some discussion, a decision to gather more facts about and report back on:</p> <ol style="list-style-type: none"> 1. how much rate increases might affect the individual rate payer; 2. Impact to the life of the landfill; 3. the Legal Department's take on this first, since the situation is in arbitration. <p>Staff will gather more information and return to the Committee in the near future to report back.</p>
<p>3. Interlocal Agreement with City of Tukwila for ST-901 Overlay Project</p>	<p>Action</p> <p>Civil Engineer Brent Cook presented the 2021 Overlay Project (ST-901.) The project has a reduced scope of two locations: the intersection of Des Moines Memorial Drive and South 188th street, and Military Road South, South 164th Street, and 42nd Avenue South.</p> <p>The east leg of the 5-way intersection of Military Road South and South 164th Street, is in the City of Tukwila. Most of the scope of work in the intersection is in the City of SeaTac, but two pedestrian ramps at the east side of the intersection fall within the City of Tukwila. In order to preserve the integrity of the intersection and bring it up to Americans with Disabilities (ADA) compliance, we need to coordinate with the City of Tukwila on the construction.</p> <p>An Interlocal Agreement with Tukwila was negotiated where SeaTac's contractor will perform all of the work of the overlay, and Tukwila will pay all of the costs for the portion of work in their city. An estimate for this work within Tukwila is approximately \$21,600, which includes a 15% construction contingency. Actual costs will be finalized upon receiving lowest responsibly bidder's proposal.</p> <p>Tukwila's payment will be designated as revenue towards the 102 Street Fund.</p> <p>The Committee agreed to move the item to Regular Council Meeting on June 8 Consent Agenda.</p>
<p>4. Transportation Improvement Program (TIP) Update</p>	<p>Update</p> <p>Public Works Director Will Appleton presented the second review of the draft Transportation Improvement Program (TIP)</p>

	<p>2022 -2027. The first review was brought before the Committee in April.</p> <p>The purpose before the Committee today is to recommend forwarding the proposed TIP to Council for a Public Hearing on June 22, after which action to approve the TIP will be taken. Once approved the TIP is sent to the State Transportation Secretary and neighboring jurisdictions.</p> <p>The TIP identifies and prioritizes transportation projects for the next six years. The TIP helps strategically align the City's transportation projects with the following:</p> <ol style="list-style-type: none"> 1. The City's Comprehensive Plan. 2. City's Capital Improvement Plan 3. Neighboring cities' TIP 4. Outside agencies' plans/TIP (Port, WSDOT, Sound Transit) <p>The TIP brings the city into compliance with state law (RCW 35.77.010).</p> <p>Which projects to consider comes from Council goals/priorities, private/public funding, safety and mobility benefits; accessibility and capacity needs.</p> <p>Programs in each annually updated TIP include: A pedestrian improvement project (sidewalk program) Annual street overlays Commute Trip Reduction element Pedestrian Crossing program Intelligent Transportation Systems</p> <p>A list of projects in the TIP are staggered with some having received budgeted funds for design and construction during the first two or three years of the TIP. The projects on the list planned for later in the 6-year TIP have not received budgeted funds for design or construction yet.</p> <p>Each year the City is required to update and revise the TIP.</p> <p>Next steps are move to Council for a Public Hearing on June 22 Regular Council Meeting, and Council to act on approving the TIP immediately following.</p> <p>Committee recommended moving to Council for the Public Hearing and action on June 22.</p>
5. Adjourn	Adjourn Meeting

Approve Prior Meeting Minutes



MEMORANDUM

To: Transportation and Public Works Committee
Through: William Appleton, Public Works Director
From: Kamal Mahmoud, Engineering Manager and Brenton Cook, Civil Engineer I
Date: 06/17/2021
Subject: 2021 Overlay Project (PW CIP ST-901) Scope Modification & Construction Bid Award

Purpose:

This item is being brought before the Transportation & Public Works (T&PW) Committee to inform the Committee of project scope modifications and for a recommendation to proceed with Council review and action on a Motion to:

- Award and execute the construction contract for the 2021 Overlay Project (Public Works Project ST-901) with ICON Materials.
- Authorize a contract amendment with The Blueline Group for additional services during construction; and
- Authorize project construction expenditures.

Background:

The 2021 Overlay Project consists of two project sites separated by approximately two miles:

- The intersection at Des Moines Memorial Drive & South 188th Street (Site 1); and
- The five-way intersection at Military Road South, South 164th Street, and 42nd Avenue South (Site 2).

A pavement grind and overlay is proposed for each site, although in some areas, the existing pavement conditions may warrant full depth replacement. The project scope also includes installing new pavement markings and upgrading the following features:

- Existing access ramps to comply with Americans with Disabilities Act (ADA) standards;
- Existing pedestrian islands;
- Existing pedestrian signal push buttons and display heads.

The overlay scope along South 188th Street at Site 1 originally extended between Des Moines Memorial Drive and International Boulevard. Prior to advertising the project, the final Engineer's Cost Estimate indicated that construction expenditures would exceed available funding. To stay within the current budget, the scope at Site 1 was revised to include work only at the intersection of Des Moines Memorial Drive and South 188th Street. Work removed from the scope will be incorporated into the 2022 Overlay Project when additional funding becomes available.

This project was advertised for construction bids on May 20th with a bid opening on June 11th. A total of four (4) sealed bids were received with ICON Materials being the lowest responsible and responsive bidder at \$866,020 (see attached bid opening summary). The low bid is approximately 9% below the engineer's estimate for construction (\$954,790).

A Motion is being prepared for the June 22nd Regular Council Meeting to seek approval to authorize the City Manager to execute the construction contract with ICON Materials, and to execute a contract amendment with the Blueline Group (Engineer of Record) for design services during construction. Attached are the proposed scope and fee for these professional services.

There is currently sufficient funding for construction, and design support during construction, and a 15% contingency.

Project funding and expenditure details are provided below:

Funding

102 Street Fund (2021 Year End Balance)	\$1,110,669
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Total Funding Available	\$1,110,669
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Expenditures

Construction Bid (ICON Materials)	\$866,020
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Construction Contingency (15%)	\$129,900
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Design Services During Construction (The Blueline Group)	\$18,210
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Staff Overtime	\$15,000
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Total Expenditures	\$1,029,130
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2021 Overlay Project

PW CIP ST-901

June 17, 2021



PRESENTATION OVERVIEW

PURPOSE OF PRESENTATION

Staff to provide overview of 2021 Overlay Project and seek Council action to pass Motion authorizing execution of the following:

- Construction contract with ICON Materials.
- An amendment to existing contract with The Blueline Group for design services during construction.
- Authorize project expenditures.

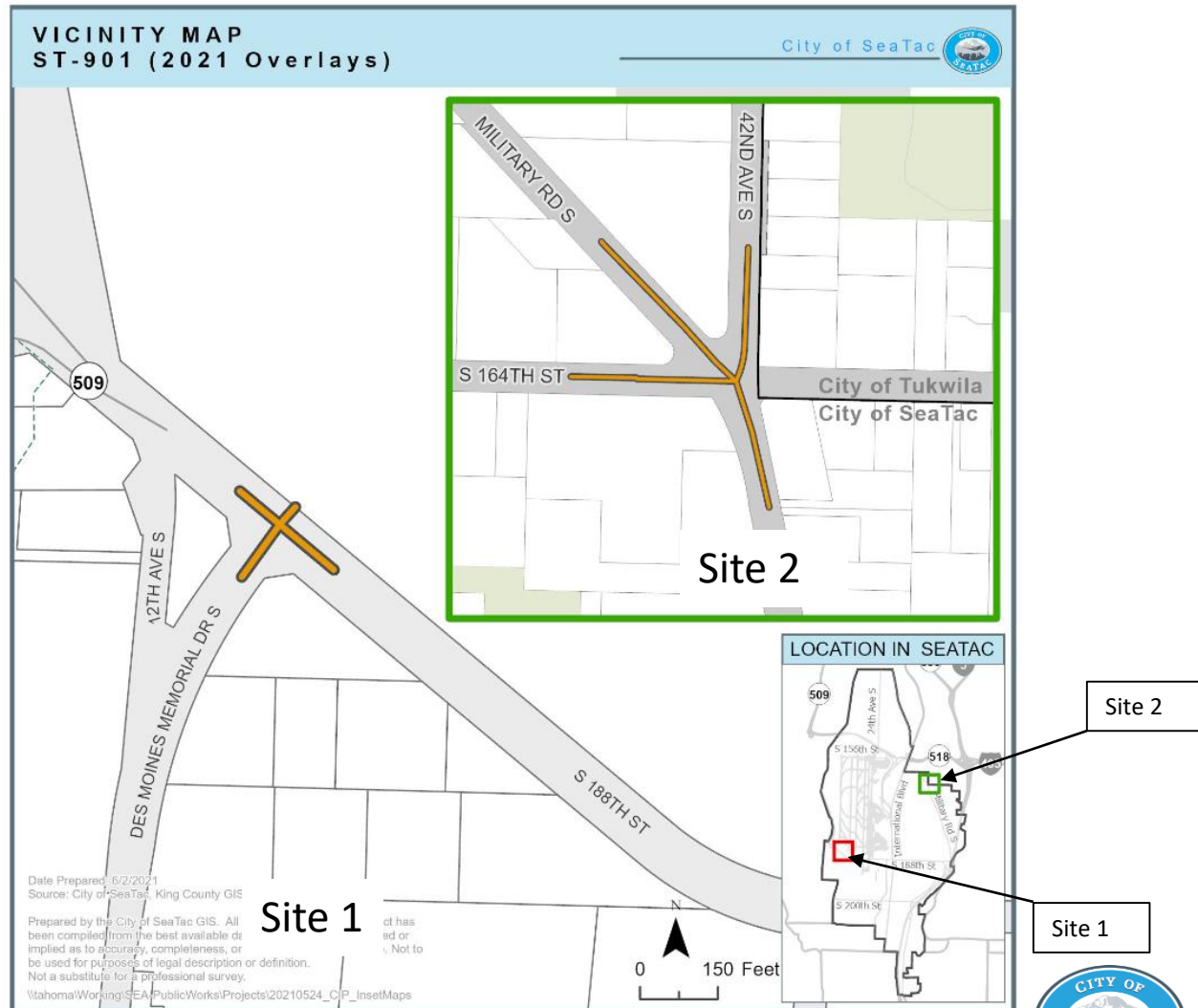
WHY IS THIS ISSUE IMPORTANT?

1. Project will rehabilitate asphalt roadway and upgrade pedestrian facilities and signals to meet ADA guidelines.
2. Blueline Group is the Engineer of Record for this project and is to be retained during construction to resolve design related issues as needed.
3. Upon Council award, staff will issue notice to proceed and start construction in July 2021.



PROJECT LOCATION

- Two project sites separated by approximately two miles.
- Construction anticipated to start early July 2021.



PROJECT ELEMENTS

- Grind existing pavement roadway and overlay with new asphalt.
- Upgrade existing pedestrian ramps, sidewalks, and refuge islands to meet Americans with Disabilities Act (ADA) guidelines.
- Upgrade existing signals to meet ADA guidelines.



CURRENT CONDITIONS



EXAMPLE OF PROPOSED IMPROVEMENTS

AGENDA BILL OVERVIEW

Construction Contract – ICON Materials

- Project was advertised on May 20, 2021 and bid opening was on June 11, 2021
- City received 4 bids.
- ICON Materials was lowest responsible responsive bidder at \$866,020
- Bid was \$88,770 below the engineering estimate of \$954,790
- Contract provisions stipulate the City must award contract within 45 days of bid opening.



AGENDA BILL OVERVIEW

The Blueline Group Contract Amendment – Design Support Services

- The Blueline Group provided design services for this project and is the Engineer of Record.
- Proposing to execute an amendment to expand scope of work to provide design support during construction on an as needed basis.



FUNDING OVERVIEW

Budget at a Glance

Funding

102 Fund (2021 Year End Balance)	\$1,110,669
Total Funding Available	\$1,110,669

Expenditures

Construction Bid (ICON Materials)	\$866,020
Construction Contingency (15%)	\$129,900
Design Services During Construction (The Blueline Group)	\$18,210
Staff Overtime	\$15,000
Total Expenditures	\$1,029,130



POTENTIAL COMMITTEE ACTION

COMMITTEE ACTION REQUESTED

- Forward Agenda Bill 5627 to Council for action and presentation on June 22, 2021.

STAFF RECOMMENDATION

- Authorize forwarding Agenda Bill 5627 to Council for action and presentation.





MEMORANDUM

To: Transportation and Public Works Committee
Through: William Appleton, Public Works Director
From: Kamal Mahmoud, Engineering Manager and Pete Kang, Civil Engineer I
Date: 06/17/2021
Subject: South 221st Drainage Improvements (SWMCIP-11) Construction Bid Award

Purpose:

This item is being brought before the Transportation & Public Works (T&PW) Committee for a recommendation to approve and proceed with Council review and action on a Motion to:

- Award and execute the construction contract for the South 221st Drainage Improvements (SWMCIP-11) with HCON Incorporated
- Authorize a contract amendment with PACE Engineers Inc. for additional design services; and
- Authorize project expenditures

Background:

The South 221st Drainage Improvements project aims to resolve localized flooding and erosion issues in the Grandview Neighborhood by routing water flows around affected properties and discharging them to an existing conveyance ditch in the Washington Department of Transportation Interstate 5 right-of-way (WSDOT I-5 ROW). The project will install approximately 700 feet of new stormwater conveyance pipe along Military Road South and along South 221st Street (see Vicinity Map for Project Limits). Improvements also include a stormwater detention system, outfall protection, asphalt thickened edge installation, HMA pavement replacement, existing WSDOT gate removal and replacement.

This project was advertised for construction bids on 05/13/2021 with bid opening on 06/04/2021. A total of seven (7) bids were received with HCON Incorporated being the lowest responsible responsive bidder at \$556,130.00. The low bid is approximately 13% below the engineer's estimate for construction (\$641,388.00).

A Motion is being prepared for the 6/22/21 Regular Council Meeting to seek approval to authorize the City Manager to execute the construction contract with HCON Incorporated and to execute a contract amendment with the engineer of record, PACE Engineers Inc., for design services during construction. Attached is the proposed scope and fee for the professional services to be provided by Pace Engineers Inc.

There is currently insufficient funding for construction, material testing, design support during construction, WSDOT inspection, staff overtime, construction management assistance and a 15% contingency.

Project funding and expenditure details are provided below:

Funding

403 Surface Water Management Fund	<u>\$670,850.56</u>
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Total Funding Available	\$670,850.56
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Expenditures

Construction Bid (HCON Incorporated)	\$556,130.00
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Construction Contingency (15%)	\$83,500.00
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Design Services During Construction (PACE)	\$24,991.00
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Construction Management Assistance (TBD)	\$10,000.00
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Materials Testing	\$15,000.00
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WSDOT Inspection	\$2,000.00
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Staff Overtime	<u>\$7,000.00</u>
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Total Expenditures	\$698,621.00
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This project has received a total of \$590,568 in grant funding. The King County Flood Control District (KCFCD) Flood Reduction Grant provided \$244,000 and KCFCD Sub-Regional Opportunity Fund provided \$346,568.

City of SeaTac S 221st Drainage Project

Scope of Work for Construction Support and As-Builts
By
PACE Engineers, Inc.

BACKGROUND INFORMATION

Description of Construction Support and As-Built Services

As designed, the City of City of SeaTac's (City) S 221st Drainage Project will install approximately 750 linear feet of new stormwater piping, a new detention system, multiple drainage structures and other appurtenances. PACE Engineers is the Engineer of Record for the project and has prepared the contract bid documents. PACE Engineers will provide construction support throughout the preconstruction and construction phases of the project and prepare as-builts of the project for the City and at the end of construction per this scope.

Overview of Scope of Work

Our suggested scope of services is shown below, including the major deliverables and any pertinent assumptions. We have also prepared a budget estimate of \$29,774.00 Our budget is based on billing rates previously provided and approved in the design contract.

PACE will attend a preconstruction conference as well as weekly coordination meetings throughout construction phase. PACE will provide support on an as-needed basis to the City to review material submittals from the contractor prior to construction, respond to any Request for Information (RFI's) from the contractor during construction, and prepare change orders as necessary during construction. PACE will also prepare draft as-builts of the project, in PDF format, for submittal to the City and Washington State Department of Transportation (WSDOT) for review, as well preparing final as-builts of the project incorporating any comments from the City and WSDOT.

Budget Estimate

All work will be billed on a time and material basis and completed under an estimated Project Budget of not to exceed **\$24,991.00**. PACE will provide regular monthly progress reports with each invoice.

Deliverables

- Submittal Material Review and Comment, as Necessary.
- RFI Responses, as Necessary.
- Preparation and assistance of Change Orders, as Necessary.
- PDF As-Builts of Improvements for City/WSDOT Review.

- CAD As-Built files for City/WSDOT.
- Other services as needed.

Assumptions

- PACE will attend a preconstruction conference and weekly construction progress meeting (as needed) with the approval of the construction manager throughout the construction phase of the project (1 hour per week). These meetings will be held virtually or over the phone, physical attendance may be required.
- The City will be the point of contact for the Contractor throughout the preconstruction and construction phases. PACE will be providing support to City staff as requested on RFI responses and material submittal review.
- PACE will prepare and assist with up to 3 change orders.
- The contractor will provide PACE with an accurate set of red-lined construction drawings that denote any changes to the design made in the field. No additional survey will be required to complete as-builts.
- Respond to 1 round of as-built comments from City.
- Respond to 1 round of as-built comments from WSDOT.

Any work associated with attendance at additional meetings, production of additional change orders, or additional rounds of as-built review and comments will be billed on a time and materials basis at the previously approved rates.

SOUTH 221ST ST DRAINAGE IMPROVEMENTS SWIMCIP-11

June 17, 2021



VIEW OF S 221ST ST FROM MILITARY RD

VIEW OF MILITARY RD FROM S 220TH ST



PRESENTATION OVERVIEW

PURPOSE OF PRESENTATION

Staff to provide an overview of South 221st St Drainage Improvements Project and seek Transportation & Public Works Committee authorization to bring a motion to Council authorizing execution of the following:

- Construction contract with HCON Incorporated.
- An amendment to the existing contract with PACE Engineers Inc. for design services during construction.
- Authorize project expenditures.

WHY IS THIS PROJECT IMPORTANT?

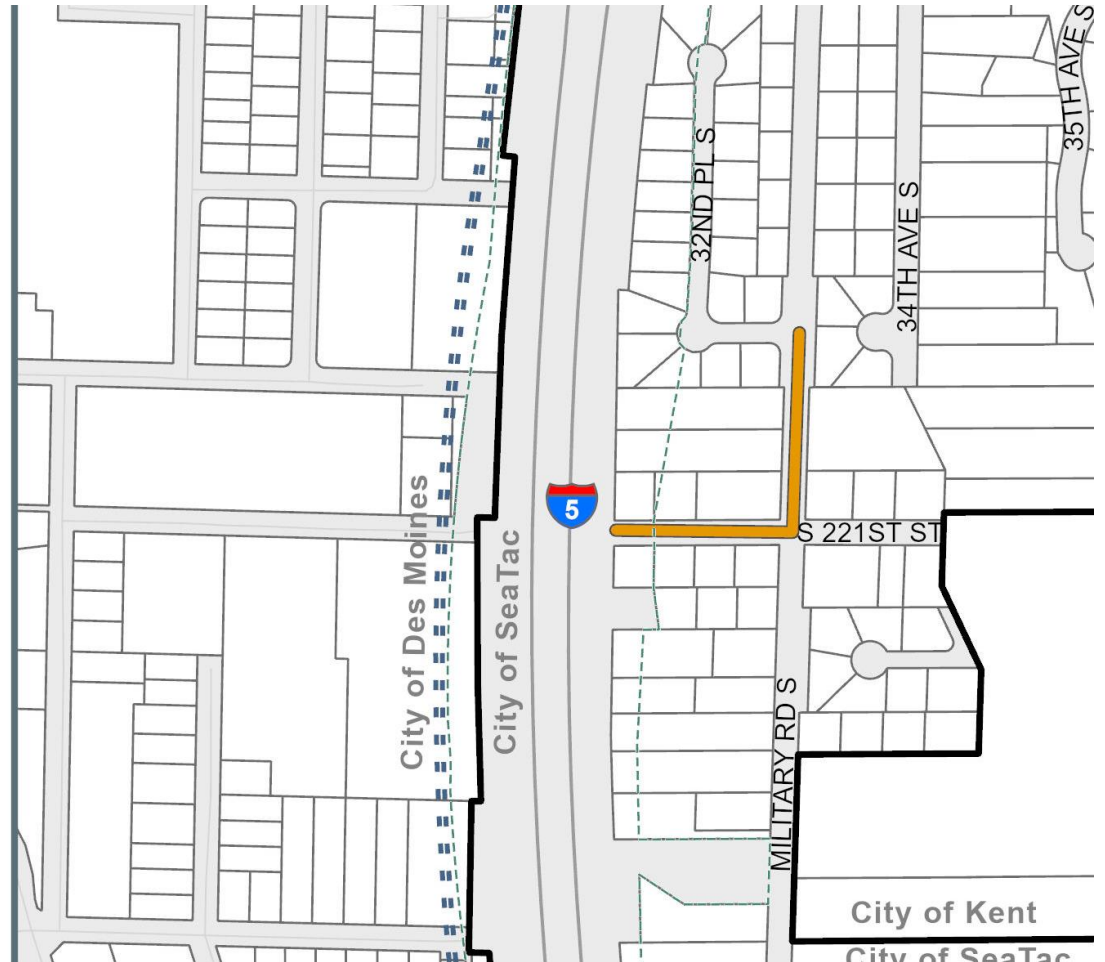
1. The project aims to resolve localized flooding and erosion issues in the Grandview Neighborhood by routing water flows around affected properties and discharging them to an existing conveyance ditch in the I-5 ROW. Improvements include:
 - ~700-ft of stormwater pipe
 - Detention facility
 - WSDOT ROW Access Gate Removal and Replacement.
 - Outfall protection.
2. Upon Council award, staff will Issue a notice to proceed and start construction in July 2021.



PROJECT LOCATION

Project Site Location

- Military Rd S between S 200th St and S 221st St.
- S 221st St between Military Rd S & WSDOT I-5 ROW.



AGENDA BILL OVERVIEW

Construction Contract – HCON Inc.

- Project was advertised on May 13, 2021 and bid opening was on June 4, 2021.
- City received seven bids.
- HCON Inc. was the lowest responsible responsive bidder at \$556,130.
- Bid was \$85,258 below engineering estimate of \$641,388.
- Contract provisions stipulate the City must award the contract within 45 days of bid opening.



AGENDA BILL OVERVIEW

PACE Contract Amendment – Design Support Services

- PACE provided design services for this project
- Proposing to execute an amendment to:
 - a) Provide design support during construction on as needed basis.



FUNDING OVERVIEW

Budget at a Glance

<u>Funding</u>	
403 Surface Water Management Fund	\$670,850.56
Total Funding Available	\$670,850.56
<u>Expenditures</u>	
Construction Bid (HCON Incorporated)	\$556,130.00
Construction Contingency (15%)	\$83,500.00
Design Services During Construction (PACE)	\$24,991.00
Construction Management Assistance (TBD)	\$10,000.00
Materials Testing	\$15,000.00
WSDOT Inspection	\$2,000.00
Staff Overtime	\$7,000.00
Total Expenditures	\$698,621.00

The King County Flood Control District (KCFCD) Flood Reduction Grant provided \$244,000 and KCFCD Sub-Regional Opportunity Fund provided \$346,568.



COUNCIL ACTION

COMMITTEE ACTION REQUESTED

- Proceed with authorizing the construction contract.

STAFF RECOMMENDATION

- *Vote to bring this motion to the June 22, 2021 Council meeting for authorization of Agenda Bill 5631*





MEMORANDUM

To: Transportation and Public Works Committee
Through: William Appleton, Public Works Director
From: Mason Giem, Public Works Programs Coordinator
Date: June 17th, 2021
Subject: King County Solid Waste Flow Control

BUDGET SIGNIFICANCE: None

Purpose:

To inform the committee of the request from King County for a letter of support from the City of SeaTac on the matter of solid waste flow control arbitration between the County and the City of Seattle.

Background:

Recyclable materials collected from cities within King County, including SeaTac, are brought to a Material Recovery Facility (MRF) located in Seattle. Once the recyclables are sorted, unrecyclable materials remain, called residuals. Residuals are essentially waste and disposed of in a landfill. Seattle and King County disagree about which landfill should receive the residuals that are produced during the sorting process at the MRF. King County believes the residuals generated from our partner cities and the unincorporated areas should be disposed of at the Cedar Hills Regional Landfill, while Seattle believes all the residuals from Recology and Republic Services MRFs should be disposed of at their contracted landfill since the MRF facilities are located within the City of Seattle. Where the residuals are disposed of decides who receives the associated revenue.

For now, Seattle and King County have agreed to a 50/50 split for the disposal of residuals until the issue is resolved. The matter will be in arbitration and King County is requesting letters of support from those cities that utilize the Cedar River Landfill. Loss of the disposal revenue associated with the residuals described above would be significant and would likely result in an increase in disposal costs to residents.

This issue was brought to T&PW on 6/3/21 and the committee requested more information. Staff investigated the three questions that were asked.

1. What is the impact to the life of the landfill?
 - a. Answer: negligible.

2. What is the impact to rates for customers in SeaTac?
 - a. Answer: none
3. What does our City Legal team think about risks associated with signing or not signing a letter of support?
 - a. Answer: recommend staying neutral. There is not enough information to compel the city to take a position nor enough for us to clearly understand the implications associated with doing so.

Staff recommends that this topic be handled as information only and that Committee take no action with respect to the request being made by King County.

Attachment:

King County Briefing Paper: Regional System Flow Control