

**HIGHLINE WATER DISTRICT
KING COUNTY, WASHINGTON**

RESOLUTION 13-7-17C

**RESOLUTION OF THE BOARD OF COMMISSIONERS OF HIGHLINE WATER DISTRICT,
KING COUNTY, WASHINGTON, AUTHORIZING CONSTRUCTION CHANGE ORDER
NO. 1 FOR PROJECT 12-3 S 188TH STREET WATER MAIN REPLACEMENT**

WHEREAS, the District has installed new water main along S 188th St between 42nd Ave S and 46th Ave S in the northerly, westbound lane. The original permitted design called for removal and replacement of 8" HMA across the entire lane; and

WHEREAS, additional road restoration work will be required by T Barger Dirtworks, LLC, due to an unforeseen condition where the existing pavement was underlaid with concrete along S 188th Street between 42nd Ave S & 46th Ave S; and

WHEREAS, T Barger Dirtworks, LLC. will provide all labor, materials and equipment necessary to complete the work for a not-to-exceed amount of \$35,778.50 (plus WSST) as outlined in the attached Exhibit A and incorporated herein by this reference; and

WHEREAS, the original contract amount was \$725,278.00 and Change Order No. 1 for \$35,778.50 increased the contract amount to \$761,056.50; and

WHEREAS, the additional work will also require a contract time extension of fourteen (14) calendar days; and

WHEREAS, the District Engineer and General Manager are satisfied with the change order proposal submitted by T Barger Dirtworks, LLC and recommend approval of this resolution.

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of Highline Water District, King County, Washington, as follows:

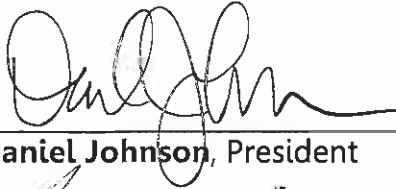
1. The Board of Commissioners authorizes Change Order No. 1 for Project 12-3 S 188th St Water Main Replacement for a not-to-exceed amount of \$35,778.50 (plus WSST) and includes a contract time extension of fourteen (14) calendar days.
2. The General Manager or Designee is authorized to the sign the necessary documents to facilitate processing Change Order No. 1 for Project 12-3 S 188th St Water Main Replacement.

**HIGHLINE WATER DISTRICT
KING COUNTY, WASHINGTON**

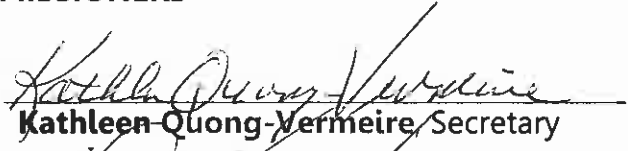
RESOLUTION 13-7-17C

ADOPTED BY THE BOARD OF COMMISSIONERS of Highline Water District, King County, Washington, at an open public meeting held the **17th** day of **July 2013**.

BOARD OF COMMISSIONERS



Daniel Johnson, President



Kathleen Quong-Vermeire, Secretary



Gerald R. Guite, Commissioner



Vince Koester, Commissioner



George Landon, Commissioner



HIGHLINE WATER DISTRICT

23828 30th Ave S, Kent, WA 98032
Office (206) 824-0375 / Fax (206) 824-0806

EXHIBIT A

**CHANGE ORDER
No. 1**

PROJECT DESCRIPTION	
Date:	7/18/13
Owner's Project Number:	12-3
Project Name:	S 188th St Water Main Replacement
Consultant and/or Engineer:	Pace Engineers
Contractor:	T Barger Dirtworks, LLC
Contract #:	13-70-05
Contract Award Date:	4/17/13

NATURE OF REVISIONS	
<p>During the initial saw cut for the water main trench, the Contractor encountered approximately 8" of HMA over approximately 6" of concrete-like material. The concrete material was not anticipated in the location of the proposed water main and requires the original design to be modified.</p> <p>The revised design, as approved by the City of SeaTac, is to remove and replace the existing pavement section between the water main trench and the curb (approx. 5.5 ft wide) with 12" CI 1/2" PG 64-22 over 12" of Crushed Surfacing Base Course (CSBC). Saw cut, removal, and replacement of the entire lane are no longer required.</p> <p>Work is authorized by Resolution <u>13-7-17A</u> adopted by the Board of Commissioners on July 17, 2013.</p>	
TOTAL	\$ 35,778.50

TIME CHANGES	
Contract completion date prior to this Change Order:	7-12-13
Net Increase resulting from this Change Order:	14 Calendar Days
Current Contract completion date, including this Change Order:	7-26-13 Calendar Days

HIGHLINE WATER DISTRICT Owner		T Barger Construction Contractor	
By: _____ Matt Everett General Manager	By: _____ Jeremy S. Delmar, P.E. Engineering & Operations Mngr.	By: _____ Tim Barger President	
Date: _____	Date: _____	Date: _____	

These contract revisions result in the following adjustment of Contract/Price Time	
Contract price prior to Change Order without sales tax:	\$ 725,278.00
Net Increase resulting from Change Order without sales tax:	\$ 35,778.50
Current Contract Price, including Change Order without sales tax:	\$ 761,056.50

Enclosures: Yes No

Contract 12-3 S 188th St Water Main Replacement
Change Order No 1

Location: Pavement Restoration along S 188th St between 42nd Ave S and 46th Ave S
Longitudinal Water Main Trench in Westbound Lane

Background:

The original road restoration design for this section of road called for an 11-foot wide lane removal and a replacement with 8" of HMA. The work would require a full depth saw cut at the lane edge and at the curb line full depth up to 8", removal of the existing pavement, grading and shaping the sub base and replacement of the pavement with 8" of HMA CI 1/2" PG 64-22.

During the initial saw cut for the water main trench, the Contractor encountered approximately 8" of HMA over approximately 6" of concrete-like material. The concrete material was not anticipated in the location of the proposed water main and requires the original design to be modified.

The revised design, as approved by the City of SeaTac, is to remove and replace the existing pavement section between the water main trench and the curb (approx 5.5 ft wide) with 12" CI 1/2" PG 64-22 over 12" of Crushed Surfacing Base Course (CSBC). Saw cut, removal, and replacement of the entire lane are no longer required. Detail of the revision is attached for reference.

Nature of Revisions:

Change Order No 1 is intended to be complementary and to provide all details reasonable required to fully construct the revised pavement restoration.

Measurement and Payment:

Uniformed Off-Duty Police Officer for Traffic Control (HR) - Increase in hours due to revised operations will be paid for under the provisions of the existing bid item as described in Section of 1-09.14 of the Special Provisions.

Traffic Control (LS) - The lump sum price for Traffic Control shall be full compensation for costs of all labor, tools, materials, equipment, and incidentals required for the Contractor to provide the increase in traffic control to perform the revised work.

The Contractor shall erect and maintain all construction signs, warning signs, detour signs, and other traffic control devices necessary to warn and protect the public at all times from injury or damage as a result of the Contractor's operations which may occur on streets. No work shall be done on or adjacent to the roadway until all necessary signs and traffic control devices are in place.

The City of SeaTac has issued the following requirements:

1. Consecutive restoration dates with no weekend closures.
2. Off duty officers during working hours.
3. No more than a four inch drop off where asphalt has been placed overnight.
4. The south edge of the trench shall have a 2:1 slope where prep work has occurred for future asphalt placement.

5. Indicate how you will address any driveways.
6. A traffic control plan required submittal reflecting non working hours.
7. A pre-con with HWD, contractor and paving contractor prior to any restoration.

The Contractor shall prepare the Traffic Control Plan (TCP) for review and approval by the City prior to issuance of the Notice to Proceed. Traffic controls shall be in accordance with approved City requirements. It is anticipated the lane may be closed over night as discussed

Final Saw Cut Existing Asphalt or Concrete Pavement (LF)- Increase in final saw cut due to additional depth will be paid for under the provisions of the existing bid item as described in Section of 1-09.14 of the Special Provisions.

Crushed Surfacing Base Course (TN) The price bid per Ton for 1-1/4" Crushed Surfacing Base Course (CSBC) shall constitute complete payment for furnishing, placing and shaping crushed surfacing base course gravel for the road restoration to the width and depth as designated in the revised detail or in other areas as directed by Engineer. The unit price bid shall also be full compensation for load, haul, and lawful disposal of native and/or existing material replaced by crushed surfacing base course and existing pavement.

During dry periods, the Engineer may require water sprinkling prior to placement and while spreading the base course. The cost of such sprinkling shall be included in this bid item. Tonnage tickets shall be provided to the District as the method of measurement for this item. .

Increase in HMA Class 1/2" PG 64-22 Trench Patching (TN)- The unit price bid per Ton (TN) shall constitute complete compensation for furnishing all work, labor, materials, tools, equipment, and incidentals necessary for the *increase* in cost from the original Bid per Ton amount (\$110.00/Ton) to provide asphalt concrete pavement HMA CL 1/2" PG 64-22 as described in the detail and the specifications including any required changes to the contractors means and methods. Any other incidentals for the pavement revision shall be included in the bid item. All other provisions of the original M&P shall apply for the Bid item.

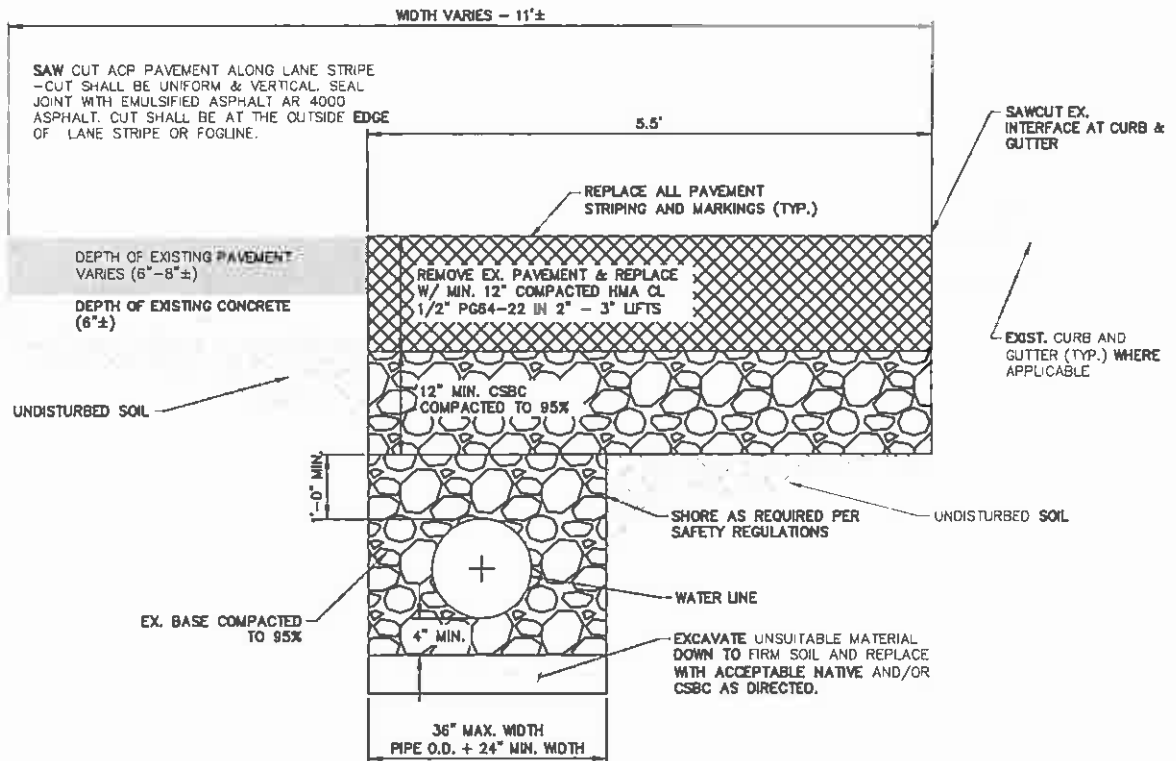
CHANGE ORDER NO 1 PROPOSAL

ITEM NO.	APPROXIMATE QUANTITY & UNITS	DESCRIPTION OF ITEM	UNIT PRICE	TOTAL AMOUNT FOR ITEM
CO1	48 HR	Uniformed Off-Duty Police Officer for Traffic Control	\$ 75.00	\$ 3,600
<u>Three Thousand Six Hundred Dollars</u>				
(Per Lump Sum) Words				
CO2	1 LS	Increased Traffic Control	\$ 3,500	\$ 3,500
<u>(Lump Sum) Words</u>				
CO3	3,990 LF	Final Sawcut Ex. Asphalt or Concrete Pavement	\$ 2.00	\$ 7,980
<u>Seven Thousand Nine Hundred Eighty Dollars</u>				
(Per Lineal Foot) Words				
CO4	500 TN 400 TN	Crushed Surfacing Base Course	\$ 31.44	\$ 12,576
<u>(Per Ton) Words</u>				
CO5	570 TN	Increase in HMA Class 1/2" PG 64-22 Trench Patching	\$ 14.25	\$ 8,122.50
<u>(Per Ton) Words</u>				

SUBTOTAL	\$	35,778.50
SALES TAX 9.5%	\$	3,378.96
TOTAL AMOUNT OF CHANGE ORDER NO 1	\$	
<p><i>Thirty-Nine thousand, One hundred + Seventy-Seven + Four + Six Cents</i> 39,177.46</p>		
(Amount in Words)		

The quantities for unit bid items in Change Order 1 are approximate only and are subject to either increase or decrease, and are stated only for the purpose of comparing bids and fixing the amount of surety bonds. Any portion or all of these items may be authorized as part of this contract. Should the quantities of any of these items of work be increased or decreased, the undersigned Bidder shall perform the work at the unit prices set out herein. Payment will be made based upon actual quantities installed at such unit prices, and the undersigned Bidder shall make no claims for anticipated profits or additional compensation for any increase or decrease in the quantities. Actual quantities installed will be determined upon completion of the work.

**REVISED WATER TRENCH IN ROADWAY DETAIL
S 188th St FROM 42nd Ave S to 46th Ave S**



WATER TRENCH IN ROADWAY DETAIL
(S. 188TH ST. FROM 42ND AVE. S. TO
46TH AVE. S.)

Agenda Item No.: 5.3
Agenda Date: 7/17/2013
Reviewed By: M.E.

Subject: Change Order No. 1 – Project 12-3 S 188th St Water Main Replacement
T Barger Dirtworks, LLC

CATEGORY	
<i>Executive</i>	<input type="checkbox"/>
<i>Administrative</i>	<input type="checkbox"/>
<i>Engineering/Operations</i>	<input checked="" type="checkbox"/>

FINANCIAL			
<i>Expenditures?</i>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<i>Budgeted?</i>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
<i>Amount:</i>		\$	<u>35,778.50</u>
			<i>(Plus WSST)</i>

ATTACHMENTS:

1. Resolution 13-7-17C
2. Exhibit A - Change Order No. 1

COMMENTS:

Additional road restoration work will be required by T Barger Dirtworks, LLC, due to an unforeseen condition where the existing pavement was underlaid with concrete along S 188th Street between 42nd Ave S & 46th Ave S. The additional work will also require a contract time extension of fourteen (14) calendar days.

The District Engineer and General Manager recommend approval of this change order.