

KITITITAS COUNTY
DEPARTMENT OF PUBLIC WORKS

STAFF REPORT

AGENDA SESSION DATE: January 5, 2016

ACTION REQUESTED: Approve Change Order #11 for the Teanaway Paving Project.

BACKGROUND: Various quantity over-runs and under-runs, when calculated together, result in a cost over-run total of \$113,172.43.

Primary contributors to the over-run was the significant amount of Hot Mix Asphalt needed to pre-level the roadway and achieve the design cross slope throughout the entire length of the project.

Also significant were quantity over runs in beam guard rail, posts, non-flared terminals, anchors, labor and traffic control made necessary when guardrail sections were added due to previously unanticipated steep side slope conditions. These roadway sections were not identified in the original FHWA topographic survey.

All additional work was performed in accordance with appropriate design standards and best engineering practices under the oversight and to the satisfaction of the County Engineer.

INTERACTION: Public Works

RECOMMENDATION: Motion to approve Change Order #11 for the Teanaway Paving Project.

HANDLING: Return a copy of the Resolution to Public Works.
Return two copies Change Order #11.

ATTACHMENTS: Change Order #11
Justification and Cost Analysis
Resolution

LEAD STAFF: Roy Chance, Construction Manager

**BOARD OF COUNTY COMMISSIONERS
COUNTY OF KITTITAS
STATE OF WASHINGTON**

RESOLUTION NO. 2016 - _____

**TO APPROVE CHANGE ORDER #11 FOR
THE TEANAWAY PAVING PROJECT**

WHEREAS: Additional Costs are required for Hot Mix Asphalt, guard rail and other associated items; and

WHEREAS: The Contractor has offered unit price extensions for each; and

WHEREAS: It has been determined that the Change Order Total is \$113,172.43. The Director of Public Works recommends approval of Change Order #11.

NOW, THEREFORE BE IT RESOLVED that the Board of County Commissioners, in the best interest of the public, does hereby approve Change Order #11 for the Teanaway Paving Project for the amount of \$113,172.43.

DATED on this 5th day of January, 2016, at Ellensburg, Washington.

**BOARD OF COUNTY COMMISSIONERS
KITTITAS COUNTY, WASHINGTON**

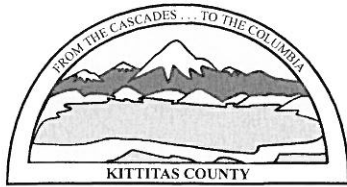
Chair

Vice-Chair

Commissioner

ATTEST:

Clerk of the Board



KITTITAS COUNTY DEPARTMENT OF PUBLIC WORKS

Mark Cook, Director

CHANGE ORDER JUSTIFICATION & COST ANALYSIS

Date: January 5, 2016

Change Order #11

Project Name: *Teaway Paving Project*

Project Number: RC 1560-B1

Prepared by: Roy Chance, Construction Manager

Justification:

A significant amount of Hot Mix Asphalt was needed to pre-level the roadway and achieve the design cross slope throughout the entire length of the project.

Quantity over runs in beam guard rail, posts, non-flared terminals, anchors, labor and traffic control were also experienced when guardrail sections were added due to previously unanticipated steep side conditions.

Cost analysis:

The contractor offered extensions of unit costs on all material over runs, which was deemed reasonable by Public Works.

SHEET 1 OF 2 DATE: 01/04/16	KITTITAS COUNTY DEPARTMENT OF PUBLIC SERVICES CHANGE ORDER	CHANGE ORDER NUMBER 11		
<input checked="" type="checkbox"/> Ordered by Engineer in accordance with Section 1-04.4 of the Standard Specifications		TO: Granite Construction 80 Pond Road Yakima, WA 98901		
<input checked="" type="checkbox"/> Change order proposed by Contractor				
ENDORSED BY: _____ Signature Date Title: _____	PROJECT TITLE: Teanaway Paving Project			
CONSENT GIVEN BY SURETY: (When required) By: _____ Attorney -in-fact Date	Contract No. RC1560-B1			
DESCRIPTION OF WORK YOU ARE ORDERED TO PERFORM THE FOLLOWING DESCRIBED WORK UPON RECEIPT OF AN APPROVED COPY OF THIS CHANGE ORDER. THE UNDERSIGNED HEREBY PROPOSES TO UNDERTAKE AND COMPLETE THIS IMPROVEMENT, IN ACCORDANCE WITH SAID PLANS, SPECIFICATIONS, AND CONTRACT, AND THE FOLLOWING SCHEDULE OR RATES AND PRICES:				
This change order facilitates payment to contractor for quantity over runs primarily in HMA ½ in. PG 64-28 and additional guardrail.				
CONTRACT TIME No (0) additional working days are added to this contract due to this change order.				
	ORIGINAL CONTRACT AMOUNT \$3,000,300.00	CURRENT CONTRACT AMOUNT \$3,295,206.38	ESTIMATED NET CHANGE THIS ORDER \$ 113,172.43	ESTIMATED CONTRACT TOTAL AFTER CHANGE \$3,408,378.81
APPROVAL RECOMMENDED Project Engineer Date APPROVED Director Date		APPROVED Chairperson Date Board of County Commissioners		

SHEET 2 of 2		KITTITAS COUNTY DEPARTMENT OF PUBLIC WORKS CHANGE ORDER ESTIMATE			Teanaway Paving Project Change Order #11	
ITEM NO.	BID NO.	DESCRIPTION	UNIT MEAS	UNIT PRICE	ESTIMATED QUANTITY	ESTIMATED CHANGE FROM THE ORIGINAL CONTRACT
51-#11			LS	\$113,172.43	1	\$113,172.43
		ESTIMATED TOTAL COST				\$113,172.43