SHEET 1 OF 2 DATE: 01/19/16		KITTITAS COUNTY			CHANGE ORDER NUMBER					
DEFARIMENT OF			F PUBLIC E ORDE		14					
X Ordered by Engineer in accordance with Section 1- 04.4 of the Standard Specifications		TO: Belsaas and Smith Construction Inc. PO Box 926 Ellensburg, WA 98926								
X Change order proposed by Contractor ENDORSED BY: Signature Date Title: CONSENT GIVEN BY SURETY: (When			PROJECT TITLE: Kittitas Highway Safety Improvements Contract No. RC1545-J1							
By: Attorney -in-fact Date			Federal Aid No. STPD-C190(003)							
DESCRIPTION OF WORK										
<ul> <li>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:</li> <li>This change order facilitates payment for quantity adjustments in several line item cost overruns and underruns as itemized in Pay Request #12.</li> </ul>										
CONTRACT TIME 0 additional working	-	this contrac	et due to this	change order.						
CONTRACT AMOUNT AMOUNT		CURRENT ( AMOUNT \$4136180.36	CONTRACT	ESTIMATED NET CHANGE THIS ORDER \$196,547.84	ESTIMATED CONTRACT TOTAL AFTER CHANGE \$4,332,728.20					
Project Engineer				APPROVED <u>DireDIOS</u> Chairperson Date						
APPROVED Market Director	and the second se	2-0/-16 Date	Board of County Commissioners							

SHEET 2 of 2		KITTITAS COU DEPARTMENT OF PUB CHANGE ORDER ES	Kittitas Highway Safety Improvements Project Change Order #14			
ITEM NO.	BID. NO.	DESCRIPTION	UNIT MEAS	UNIT PRICE	Quantity	CHANGE FROM THE ORIGINAL CONTRACT
129		Change Order #14 (cost over runs)	LS	\$196,547.84	1	\$196,547.84
		TOTAL COST				\$196,547.8



## **KITTITAS COUNTY** DEPARTMENT OF PUBLIC WORKS

Mark Cook, Director

# CHANGE ORDER JUSTIFICATION & COST ANALYSIS

Date: January 19, 2016 Project Name: Kittitas Highway Safety Improvements Project Number: RC 1545-J1 Prepared by: Roy Chance, Construction Manager

#### Change Order #14

### Justification:

Throughout the project numerous bid items exceeded contract quantity associated with the following construction operations.

Project inspection identified multiple culverts in need of repair, extension or replacement that were unanticipated because their condition could not be assessed until exposure during construction.

Further, the project encountered an increase in concrete slab replacement volume necessitated upon discovery of deteriorated existing condition after exposure.

A significant increase in the paint line removal pay item was experienced due to the old paint line's relationship to design road centerline. To facilitate proper location of the new paint line, the old paint line needed to be removed.

Unsuitable material at various locations resulted in excavation increases and suitable replacement material increases.

#### Cost analysis:

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