Hem 4-1A

City of Carson City Agenda Report

Date Submitted: October 28, 2008

Agenda Date Requested: November 6, 2008

Time Requested: Consent

Labor Commissioner PWP # CC-2007-331

To: Mayor and Supervisors **From:** Purchasing & Contracts

Subject Title: Action to accept the Work as completed, to accept the Contract Summary as presented, and to approve the Release of Final Payment in the amount of \$75,242.50 for Contract No. 2006-196 titled Airport Road and Fairview Drive Sewer Main Rehabilitation Project to Insituform Technologies, Inc.

Staff Summary: This project consisted of the installation of approximately 2,500 feet of new sanitary sewer trench-less liner system into an existing 18" concrete sewer main located in Airport Road and Lompa Field, and the installation of approximately 1,045 feet of trench-less liner into an existing 15" sanitary sewer located in Fairview Drive. All work on this project is now complete.

Type of Action Requested:	(check one)
() Resolution	() Ordinance
(X) Formal Action/Motio	on () Other (Specify)

Recommended Board Action: I move to accept the Work as completed, to accept the Contract Summary as presented, and to approve the Release of Final Payment in the amount of \$75,242.50 for Contract No. 2006-196 titled Airport Road and Fairview Drive Sewer Main Rehabilitation Project to Insituform Technologies, Inc.

Explanation for Recommended Board Action: This project is complete and the contractor is entitled to final payment.

Applicable Statue, Code, Policy, Rule or Policy: Not applicable, final payment approval by the Board of Supervisors is an internal requirement. NRS does not require Board of Supervisors approval. The only final payment requirement is in NRS 338 and it requires that payment be made within 30 days from the completion of work or interest must be paid to the contractor.

Fiscal Impact: No additional impact.

Explanation of Impact: Funding was approved in a prior Board Action.

Engineers Estimate: \$400,000.00

Project Cost: Bid Award \$558,138.00

Change Orders \$123,232.05 **Total Project Cost** \$681,370.05

Funding Source: Funding was approved in a prior Commission Action.

Prior Board Funding: Bid was awarded on August 2, 2008 in the amount of \$558,138.00 with a contingency amount of \$55,800.00, a request to increase contingency by \$100,000.00 was awarded February 7, 2008 for a total of \$713,938.00

Alternatives: Provide other direction pursuant to Board Action

Supporting Material: Contract Summary Orders	Memo from P	Project Ma	anager, and	Approved Cha
Prepared By: Sandy Scott, Purchasing &	Contracts Man	nagement	Assistant	
Reviewed By: (City Manager) (District Attorney) (Finance Director)	#1	Date:	10-28 10-28 10/28	8-08
Board Action Taken: Motion:	1) 2)			Aye/Nay
(Vote Recorded By)				

PUBLIC WORKS DEPARTMENT

ADMINISTRATION

3505 Butti Way Carson City, NV 89701-3498 Ph: 775-887-2355 Fx: 775-887-2112

CONTRACTS

3505 Butti Way Carson City, NV 89701-3498 Ph: 775-887-2355 Fx: 775-887-2112

FLEET SERVICES

3303 Butti Way, Building 2 Carson City, NV 89701-3498 Ph: 775-887-2356 Fx: 775-887-2258

OPERATIONS

(Water, Sewer, Wastewater, Streets, Landfill, Environmental) 3505 Butti Way Carson City, NV 89701-3498 Ph: 775-887-2355 Fx: 775-887-2112

TRANSPORTATION/ CAPITAL PROJECTS

3505 Butti Way Carson City, NV 89701-3498 Ph: 775-887-2355 Fx: 775-887-2112

DEVELOPMENT SERVICES

BUILDING and SAFETY
PERMIT CENTER

2621 Northgate Lane, Suite 6 Carson City, NV 89706-1319 Ph: 775-887-2310 Fx: 775-887-2202

DEVELOPMENT ENGINEERING

2621 Northgate Lane, Suite 54 Carson City, NV 89706-1319 Ph: 775-887-2300 Fx: 775-887-2283

PLANNING

2621 Northgate Lane, Suite 62 Carson City, NV 89706-1319 Ph: 775-887-2180 Fx: 775-887-2278

CARSON CITY NEVADA

Consolidated Municipality and State Capital



MEMORANDUM

Date:

October 13, 2008

To:

Sandy Scott, Purchasing and Contracts Coordinator

From:

John Benzing, Construction Manager

~ 1.

Subject: Airport Road and Fairview Drive Sewer Main Rehabilitation Project

Contract No. 2006-196

Project No. 06-6006

Completion of Contract Work

This is to advise you that all work required for the subject contract has been satisfactorily completed. Please prepare the necessary actions to release the final payment for this contract. This contract was awarded by the Board of Supervisors on August 2, 2007 and work was substantially completed on September 29, 2008. The final contract amount is \$681,370.05. There were 3 Change Orders on this project as summarized below:

C.O. #1 This Change Order balanced the final pay quantities of 2 Unit Bid Items. Additional amount is = \$53,976.30

C.O. #2 This Change Order balanced the final pay quantity for 1 Unit Bid Item. Additional amount is = \$8,500.00

C.O. #3 This Change Order provided for the extra work required to remove and replace 2 storm drain manholes in order to make the planned removal and replacement of 2 sanitary sewer manholes that were adjacent to the storm drain manholes.

Additional amount is = \$60,755.75

The net effect of the above Change Orders is an increase in the total contract amount of \$123,232.05.

calendar days calendar days calendar days November 24, 2007 0.00 558,138.00 558,138.00 53.976.30 612,114.30 The Contractor is hereby authorized to make the following changes to the Scope of Work for the referenced contract, subject to the provisions of the contract documents: 93 90 calendar days Item #1: This Change Order is initiated by the City to balance the final pay quantities of 2 Unit Bid Items as detailed in Attachment No. 1. CARSON CITY CONTRACTS \$53,976.30 CHANGE ORDER No. 1 +3 Project Title: Airport Road and Fairview Drive Sewer Main Rehabilitation Project File No. 06-6006 Contract Sum will be (increased) (decreased) (unchanged) by this Change Order in the amount of Justification: Unit Bid Items are paid based on the actual quantities installed Item #1: Increases / Becreases / Boes not change the Contract Term by: Item #1: Increases / Beercases/ Boes not change the Contract Sum by: Contract Term will be (increased) (decreased) (unchanged) by: Original number of calendar days to complete the contract Net change by previously approved Change Orders Revised Contract Sum including this Change Order Revised date of Completion by this Change Order Revised number of days to complete the contract Contract Sum prior to this Change Order Original Contract Sum Contract No. 2006-196 Requested By: City SUMMARY 2 6 4 5 9

Not valid until signed by Contracts, Contractor, and Project Manager.

This change authorization constitutes full and complete compensation for all labor, equipment, materials, overhead, profit, any and all implirect costs, and time adjustment to perform the above described change. All other costs are non-compensable.

CONTRACTOR

CONTRACTS

City of Carson City

Printed Name:

Title:

Date:

Printed Name:

By:

Title:

Date:

6

PROJECT MANAGER

By:

Printed Name:

Title:

Date:

Construction Manager John Benzing

100

ORIGINAL

ATTACHMENT NO. 1 TO CHANGE ORDER NO. 1

Contract No. 2006-196

Airport Road and Fairview Drive Sewer Main Rehabilitation Project

This Change Order is initiated by the City to balance various Unit Bid Items for the actual quantities constructed as detailed below:

Item No. 1

On Airport Road, at STA 31+79, 32+61, 33+30 and 34+10 undocumented sanitary sewer laterals were found during prelining inspection. This resulted in three (3) additional Dye Testings.

BP12, Dye Testing of an Existing Service Lateral, bid quantity was 1 and actual quantity was 4, therefore, allowable adjustment is: +3 EA X \$84.00/EA = \$252.00

Item No. 2

On Airport Road, additional Heavy Duty Pipe Cleaning was required at various locations, totaling 1788.81 LF, between STA 35+71 and STA 10+53 to remove excess deposits built up through out the existing sewer main and to remove portions of the old concrete pipe which had fallen into the pipe. On Fairview Drive Heavy Duty Pipe Cleaning was required for a total of 12 LF. <u>BP24</u>, <u>Heavy Duty Pipe Cleaning</u>, the bid quantity was 10 LF and the actual quantity was 1,800.81 LF, therefore, the allowable adjustment is + 1,790.81 LF X \$30.00/LF = \$53,724.30

Total allowable cost adjustment for Change Order No. 1 = \$53,976.30

This change authorization constitutes full and complete compensation for all labor, equipment, materials, overhead, profit, any and all indirect costs, and time adjustment to perform the above described change. All other Construction Manager 2-26-08 John Benzing calendar days calendar days calendar days PROJECT MANAGER November 26, 2007 Printed Name: 558,138.00 612,114.30 620,614.30 53.976.30 8,500.00 The Contractor is hereby authorized to make the following changes to the Scope of Work for the referenced contract, subject to the provisions of the contract documents: Title: 95 8 By: Not valid until signed by Contracts, Contractor, and Project Manager. calendar days CARSON CITY CONTRACTS Item #1: This Change Order is initiated by the City to cover extra work required due to field conditions as detailed in Attachment No. 1. CHANGE ORDER No. 2 \$8,500.00 Sr. Propert 318-08 Project Title: Airport Road and Fairview Drive Sewer Main Rehabilitation Project File No. 06-6006 Contract Sum will be (increased) (decreased) (unchanged) by this Change Order in the amount of CONTRACTOR Printed Name: Title: By: Justification: City may order changes to the work to adjust for field conditions. Item #1: Increases / Beercases / Boes not change the Contract Sum by: Item #1: Increases / Becreases / Boes not change the Contract Term by: Contract Term will be (increased) (decreased) (unchanged) by: Original number of calendar days to complete the contract Net change by previously approved Change Orders Revised Contract Sum including this Change Order Revised date of Completion by this Change Order Revised number of days to complete the contract 20-08 Contract Sum prior to this Change Order Original Contract Sum costs are non-compensable. Contract No. 2006-196 City of Carson City Requested By: City CONTRACTS Printed Name: SUMMARY Title:

ORIGINAL

Date:

Date:

Date:

ATTACHMENT NO. 1 TO CHANGE ORDER NO. 2

Contract No. 2006-196

Airport Road and Fairview Drive Sewer Main Rehabilitation Project

This Change Order is initiated by the City to balance various Unit Bid Items for the actual quantities constructed as detailed below:

Item No. 1

On Airport Road, at approx. STA 18+90, during excavation of the existing sanitary sewer Manhole # 226, it was found that a point repair was necessary on the existing 18" RCP Sewer Main. This repair required 28 linear feet of SDR35 PVC pipe. Also, during the excavation of Sanitary Sewer Manhole # 223, it was found that the adjacent, existing storm drain manhole base was poured in place and was protruding over the existing sanitary sewer main pipeline. To allow for a safe construction of the sanitary sewer improvements, it was decided to cut out and remove an additional 13 feet of the existing sanitary sewer main beyond the planned cut points on each side of Manhole #223 to allow a safe removal and replacement of the existing sanitary sewer Manhole #223. This resulted in a additional 26 linear feet of SDR35 PVC. Together, there was a total of 44 linear feet of point repairs. BP22, Point Repairs of Existing Sewer Main in Airport Road, the bid quantity was 10 LF and the actual quantity was 44 LF, therefore, the allowable adjustment is + 34 LF X \$250.00/LF = \$8,500.00

Total allowable cost adjustment for Change Order No. 2 = \$8,500.00

CARSON CITY CONTRACTS CHANGE ORDER No.

t',

Project Title: Airport Road and Fairview Drive Sewer Main Rehabilitation Project File No. 06-6006 Contract No. 2006-196

The Contractor is hereby authorized to make the following changes to the Scope of Work for the referenced contract, subject to the provisions of the contract documents:

Item #1: This Change Order is initiated by the City to cover extra work required due to field conditions as detailed in Attachment No. 1.

Justification: City may order changes to the work to adjust for field conditions.

Requested By: City

Item #1: Increases / Beercases / Boes not change the Contract Sum by:

Item #1: Increases / Decreases / Does not change the Contract Term by:

\$60755.75

calendar days

SUMMARY

- Original Contract Sum
- Net change by previously approved Change Orders
 - Contract Sum prior to this Change Order
- Contract Sum will be (increased) (decreased) (unchanged) by this Change Order in the amount of 764597
 - Revised Contract Sum including this Change Order
- Original number of calendar days to complete the contract
- Contract Term will be (increased) (decreased) (unchanged) by:
 - Revised number of days to complete the contract
 - Revised date of Completion by this Change Order

calendar days calendar days

14 107

83

December 10, 2007

calendar days

620,614.30 60,755.75

681,370.05

558,138.00 62,476.30 Not valid until signed by Contracts, Contractor, and Project Manager.

This change authorization constitutes full and complete compensation for all labor, equipment, materials, overhead, profit, any and all indirect costs, and time adjustment to perform the above described change. All other costs are non-compensable.

CONTRACTOR

CONTRACTS

City of Carson City

Printed Name:

Title: Date:

Kaler

By:

Printed Name: Title:

Date:

BEYAN GIVENS

FIELD ENGINEER

6/20/08

Printed Name:

By:

PROJECT MANAGER

Title: Date:

Construction Manager John Benzing

80-02-9

ORIGINA

Munson 4/14/2008 Thru 4/28/2008

Total

\$25,216.65

Insituform

Total

\$5,914.76

Petersen

Total

\$26,282.50

Project Total

\$57,413.91

Carson City Back Charge

\$5,408.16

Revised Total

\$52,005.75

BP 22-35'@ \$5000-\$8750.00
ATTACHMENT #1

Forced Account Work Airport Road

Munson

04/14/2008 Thru 04/28/2008

Eq	uiı	om	ei	nt
	•	~		••

	Rate	Quantity Invoice #	Total
Mobe	\$7,295.00	1	\$7,295.00
Demobe	\$3,920.00	1	\$3,920.00
Equip. Rental	\$453.13	4	\$1,812.52
Return Hauling	\$1,000.00	2	\$2,000.00
Equipment total	• • •		\$15,027.52
— 4 - 4			
Labor			

Total Rate Quantity \$6,900.00 \$1,725.00 **Pump Monitoring**

> \$21,927.52 subtotal \$3,289.13 15% M/U \$25,216.65 Project Totoal

Forced Acc	ount Work	Airport Ro	ad	Petersen			
04/16/2008							
Equipment							
	· ·	Rate	Hours	Total			
315C Excava	ator	\$63.01	7	\$441.07			
938G Loade		\$53.02	7	\$371.14			
10 Wheel Du		\$60.24	7	\$421.68			
Water Truck		\$33.89	1	\$33.89			
3500 P/U		\$19.14	8	\$153.12			
580 Backhoo	3	\$35.25	2	\$70.50			
Generator		\$14.70	8	\$117.60			
Equipment T	otal			\$1,609.00			
Labor		Rate	Hours	Total			
Billy Mac		\$55.71	8	\$445.68			
Tomm Addis	<u> </u>	\$53.61	8	\$428.88			
Jess Taylor		\$52.30	8	\$418.40			
Rich Chapm		\$35.45	8	\$283.60			
Manuel Barr		\$35.45	8	\$283.60			
Chris Mejai		\$36.16	8	\$289.28			
Steve Smith		\$45.49	8	\$363.92			
				\$2,513.36			
Labor Total		<u> </u>					
Traffic Con	trol for Det	tour	Per Nevad	a Barricade			
		T .					
Item		# on Job	Rate	Total			
Road Closed		5	\$1.25	\$6.25			
Raod Closed T	hru Traffic	3	\$1.25	\$3.75			
Road Closed A	head	5	\$1.25	\$6.25			
Detour Signs		10	\$1.25	\$12.50			
Type II Barr. w/	Light	16	\$1.00	\$16.00			
Type III Barr.		12	\$2.00	\$24.00			
Sign Stands		10	\$1.75	\$17.50			
		Total		\$86.25			
Invoice Cha	arged						
					Total		
Jensen #173	3777	2 - 60" flat	tops				
		2 - rim/lids			\$2,078.23		
Rinker #004	0696966	12"x6' CL5	C76 (RCP) 24'			
Rinker #004	0696966		TG (RCP)				
Rinker #004			C76TG (RC				
Rinker #004			C76TG (RC				
Rinker #004			CL111TG (\$1,856.77		
	1		T '	T	\$3,935.00		
			sub total		\$8,143.61		
		1	15%M/U		\$1,221.54		
	 	 	Daily Total		\$9,365.15	T	

Forced Account Work Airport Road

Insituform

04/16/2008

Eq	uip	m	ent

	Rate	Hours	Invoice #	Total
3" Trash Pump ®	\$255.00		1 73352822-002	\$255.00
Discharge Hose 3" ®	\$15.00		1 73144879-002	\$15.00
Fork lift	\$337.14		8 73553454-001	\$337.14
Equipment total				\$607.14

Labor

	Rate	Hours	Total
Bryan Givens	\$66.22	12	\$794.64
James Riggins	\$53.31	12	\$639.72

subtotal	\$2,041.50
15% M/U	\$306.23
Daily Total	\$2,347.73

Forced Account Work	Airport Road	j	Petersen				
04/17/2008	T	T .					
		1					
Equipment	†						
	Rate	Hours	Total				
315C Excavator	\$63.01	8	\$504.08			1	
938G Loader	\$53.02	8	\$424.16	1		1	
10 Wheel Dump	\$60.24	8	\$481.92			1	
Water Truck	\$33.89	0	\$0.00				
3500 P/U	\$19.14	8	\$153.12				
580 Backhoe	\$35.25	0	\$0.00				
Generator	\$14.70	4	\$58.80				
	1	1					
Equipment Total			\$1,622.08				
			.,				
Labor	Rate	Hours	Total				
							1
Billy Mac	\$55.71	8	\$445.68				
Tomm Addis	\$53.61	8	\$428.88			1	
Jess Taylor	\$52.30	8	\$418.40				
Rich Chapman	\$35.45	8	\$283.60				
Manuel Barron	\$35.45	8	\$283.60				
Chris Mejai	\$36.16	8	\$289.28				
Steve Smith	\$45.49	8	\$363.92		*****		
			\$2,513.36				
Traffic Control for De	tour	Per Nevad	la Barricado	9	-		
			ľ			T	
Item	# on Job	Rate	Total				
Road Closed	5	\$1.25	\$6.25				
Road Closed Thru Traffic	3	\$1.25	\$3.75				
Road Closed Ahead	5	\$1.25	\$6.25				
Detour Signs	10	\$1.25	\$12.50				
Type II Barr. w/ Light	16	\$1.00	\$16.00			1	
Type III Barr.	12	\$2.00	\$24.00			1	
Sign Stands	10	\$1.75	\$17.50				
	Total		\$86.25				
Invoice Charged							
			<u> </u>	Total			
Capital City #59083	5 Yard			\$621.33			
Rinker #0040696966		CL111TG (RCP) 8'				
		I,	[l
			Total	\$621.33			
						1	
			subtotal	\$4,843.02			1
		1	15% M/U	\$726.45			
	1		<u> </u>				
	1			1		1	
	Daily Tota	1		\$5,569.47		1	
L	, Daily Tota	·		1,	·	<u></u>	L

Forced Account Work Airport Road

Insituform

04/17/2008

	Rate	Hours	Invoice #	Total
3" Trash Pump ®	\$255.00		1 73352822-002	\$255.00
Discharge Hose 3" ®	\$15.00		1 734144879-002	\$15.00

Equipment total

\$270.00

Labor

	Rate	Hours	Total
Bryan Givens	\$66.22	8	\$529.76
James Riggins	\$53.31	8	\$426.48
Labor Total			\$956.24

subtotal	\$1,226.24
15% M/U	\$183.94
Daily Total	\$1,410.18

ount Work	Airport Ro	ad	Petersen		T		
		T					
						1	
	Rate	Hours	Total			<u> </u>	
ator							
				· . · · ·			
					<u> </u>		
	· · · · · · · · · · · · · · · · · · ·						
				<u> </u>			
•							
		 			<u> </u>		
	<u> </u>	<u> </u>					
otal			\$1 074 94	****			
Ottai			ψ 1,01 1.0 r				
	Rate	Hours	Total				
		1					
	\$55.71	8	\$445.68	<u> </u>			
		8	\$428.88				
				···			
an							
					1		
		1					
	1		\$2,117.25				
<u> </u>							
rol for Det	our	Per Nevad	la Barricade	\			
							
	# on Job	Rate	Total				
	5	\$1.25	\$6.25				
ru Traffic	3	\$1.25	\$3.75				
nead	5	\$1.25	\$6.25				
-	10	\$1.25	\$12.50				
Light	16	\$1.00	\$16.00				
Light	12	\$2.00	\$24.00				
	10	\$1.75	\$17.50				
	Total		\$86.25				
	<u> </u>						
rged			Total				
rged #59083	6 Yard		Total \$687.74				
rged #59083	6 Yard						
rged #59083	6 Yard						
rged #59083	6 Yard						
rged #59083	6 Yard						
rged #59083	6 Yard						
rged #59083	6 Yard						
rged #59083	6 Yard						
#59083			\$687.74				
	ator r ump Total Total an on s Trol for Det Iru Traffic head Light	Rate ator \$63.01 r \$53.02 amp \$60.24 \$33.89 \$19.14 s \$35.25 \$14.70 Total Rate \$55.71 s \$53.61 \$52.30 an \$32.45 on \$32.45 s \$32.45 s \$45.49 Erol for Detour # on Job 5 aru Traffic 3 ahead 5 10 Light 16 Light 12 10	ator \$63.01 4 r \$53.02 8 ump \$60.24 1 \$33.89 2 \$19.14 8 s \$35.25 0 \$14.70 8 Total Rate Hours \$55.71 8 \$53.61 8 \$52.30 8 an \$32.45 8 s \$32.45 8 \$45.49 1 Front For Detour Per Nevace # on Job Rate 5 \$1.25 nru Traffic 3 \$1.25 nead 5 \$1.25 thead 5 \$1.25 Light 16 \$1.00 Light 12 \$2.00 Total	Rate Hours Total ator \$63.01 4 \$252.04 r \$53.02 8 \$424.16 amp \$60.24 1 \$60.24 amp \$33.89 2 \$67.78 amp \$19.14 8 \$153.12 amp \$35.25 0 \$0.00 amp \$14.70 8 \$117.60 amp \$14.70 8 \$117.60 amp \$14.70 8 \$117.60 amp \$14.70 8 \$117.60 amp \$1.074.94 amp	Rate Hours Total ator \$63.01 4 \$252.04 r \$53.02 8 \$424.16 Imp \$60.24 1 \$60.24 \$33.89 2 \$67.78 \$119.14 8 \$153.12 9 \$35.25 0 \$0.00 \$14.70 8 \$117.60 Total \$53.61 8 \$445.68 \$55.71 8 \$4445.68 \$55.30 8 \$418.40 an \$32.45 8 \$259.60 an \$32.45 8 \$259.60 an \$32.45 8 \$259.60 an \$32.45 8 \$259.60 bn \$32.45 8 \$259.60 an \$32.45 8 \$259.60 bn \$32.45 8 \$259.60 an \$32.45 8 \$259.60 bn \$32.45 8 \$3259.60 bn \$3	Rate Hours Total ator \$63.01 4 \$252.04 r \$53.02 8 \$424.16 amp \$60.24 1 \$60.24 \$33.89 2 \$67.78 \$19.14 8 \$153.12 9 \$35.25 0 \$0.00 \$14.70 8 \$117.60 Total Rate Hours Total Rate Hours Total \$55.71 8 \$445.68 \$553.61 8 \$428.88 \$523.61 8 \$428.88 \$529.60 an \$32.45 8 \$259.60 by \$45.49 1 \$45.49 For Detour Per Nevada Barricade # on Job Rate Total # on Job Rate Total and Traffic 3 \$1.25 \$6.25 and Traffic 3 \$1.25 \$6.25 and Traffic 10 \$1.25 \$12.50 bead 5 \$1.25 \$6.25 and Total \$86.25 Total \$86.25 Total \$86.25	Rate Hours Total ator \$63.01 4 \$252.04 r \$55.02 8 \$424.16 ump \$60.24 1 \$60.24 \$33.89 2 \$67.78 \$119.14 8 \$153.12 9 \$35.25 0 \$0.00 \$14.70 8 \$1117.60 Total Rate Hours Total Rate Hours Total Rate Hours Total \$55.71 8 \$445.68 \$55.61 8 \$428.88 \$55.30 8 \$418.40 an \$32.45 8 \$259.60 an \$32.45 8 \$259.60 an \$32.45 8 \$259.60 an \$32.45 8 \$259.60 brone \$32.45 8 \$259.60 an \$32.45 8 \$259.60 brone \$32.45 8 \$259.60 brone \$32.45 8 \$259.60 brone \$32.45 8 \$3259.60 brone \$32

Forced Account	Work Airport Ro	ad	Petersen			<u> </u>	
04/21/2008		<u> </u>					
Equipment			 				
Equipment	Rate	Hours	Total				
0450 5			\$63.01				
315C Excavator	\$63.01	1				<u> </u>	
938G Loader	\$53.02	3	\$159.06				
10 Wheel Dump	\$60.24	0	\$0.00		<u></u>	<u> </u>	
Water Truck	\$33.89	1	\$33.89				
3500 P/U	\$19.14	8	\$153.12			<u> </u>	
580 Backhoe	\$35.25	0	\$0.00				
Generator	\$14.70	0	\$0.00				
Equipment Total			\$409.08	1			
			 	· · · · · · · · · · · · · · · · · · ·			
Labor	Rate	Hours	Total				
Lanoi	, ale	1.10013	1000			 	
Dilly Mos	\$55.71	4.5	\$250.70				
Billy Mac	\$53.61		\$230.70				
Tomm Addis		4.5				ļ	
Danny King	\$52.30	4.5	\$235.35				
Rich Chapman	\$35.45	4.5	\$159.53				
Manuel Barron	\$35.45	4.5	\$159.53				
Kevin Adams	\$35.45	4.5	\$159.53				
Steve Smith	\$45.49	0	\$0.00				
Labor Total			\$1,205.87				
		1					
Traffic Control for	or Detour	Per Neva	da Barricade				
1			T				
Item	# on Job	Rate	Total				
Road Closed	5	\$1.25	\$6.25				
Road Closed Thru Tra		\$1.25	\$3.75		 		<u> </u>
	5 5	\$1.25	\$6.25		<u></u>		
Road Closed Ahead			\$12.50				
Detour Signs	10	\$1.25					<u> </u>
Type II Barr. w/ Light	16	\$1.00	\$16.00				
Type III Barr.	12	\$2.00	\$24.00			ļ	
Sign Stands	10	\$1.75	\$17.50				
Repair	1	\$250.00	\$250.00				
Labor	2	\$85.00	\$170.00				
	Total	<u> </u>	\$506.25				
			1				
Invoice Charge			Total	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	<u> </u>	
cinderlite #69250	25 9 6 Vard	 	0 **				
T T T T T T T T T T T T T T T T T T T	sutotal		\$2,121.20				
 							
 	15% M/U	ļ	\$318.18				<u> </u>
L <u> </u>	Daily Total	L	\$2,439.37	L		1	L

· • • •

Forced Account Wo	k Airport Roa	ad	Petersen			
04/21/2008						
Equipment						
	Rate	Hours	Total			
CB224 Roller	\$24.28	1	\$24.28			
Bitch Pot	\$8.40	1	\$8.40			
End dump	\$67.00	1	\$67.00			
Equipment Total			\$99.68			
						
Labor	Rate	Hours	Total			
	<u> </u>	4	054.40			
Howard Cliver	\$54.49	1	\$54.49			
Juan Domingez	\$54.49	1	\$54.49			
Ruben Vega	\$35.45	1	\$35.45			
		 	044442			
Labor Total		ļ	\$144.43			
		 				
						
						
		ļ				
		 				
						<u> </u>
		┼───				
		 				
Materials			Total			
Granite #10016273	\$1,049.39	 	\$1,049.39			
Granite #10010273	Ψ1,049.09	 	Ψ1,040.00			
		 				
		†				
		 				
		 		_,		
		 				
		1				
		1		<u> </u>		
		 				
 		 				
	subtotal	 	\$1,293.50			
	15% M/U	1	\$194.03			
<u> </u>	Daily Total	1	\$1,487.53			
	1,	1				
 		 				

Forced	Account	Work	Airport	Road
---------------	----------------	------	----------------	------

Insituform

04/21/2008

Equipment

Hours Invoice # Total Rate

3" Trash Pump ®

Discharge Hose 3" ®

Equipment total

0

Labor

Total Rate Hours \$66.22 0 \$0.00 \$53.31

Bryan Givens James Riggins

0 \$0.00

Daily Total

\$0.00

Forced Account Wor	rk Airport Ro	ad	Petersen			
04/22/2008						
Equipment						
	Rate	Hours	Total	 ······································		
315C Excavator	\$63.01	0	\$0.00			
938G Loader	\$53.02	4	\$212.08	 ***		
10 Wheel Dump	\$60.24	0	\$0.00			
Water Truck	\$33.89	3	\$101.67			
3500 P/U	\$19.14	8	\$153.12			1
580 Backhoe	\$35.25	Ö	\$0.00			
Generator	\$14.70	8	\$117.60			
				· · · · · · · · · · · · · · · · · · ·		
Equipment Total			\$584.47			
						
Labor	Rate	Hours	Total	 		
			1	 		
Billy Mac	\$55.71	8	\$445.68			
Tomm Addis	\$53.61	8	\$428.88	•		
Danny King	\$52.30	8	\$418.40	 		
Rich Chapman	\$35.45	8	\$283.60			
Kevin Adams	\$35.45	8	\$283.60	······································		
Manuel Barron	\$35.45	8	\$283.60			
Steve Smith	\$45.49	0	\$0.00			
Labor Total			\$2,143.76			
	-					
Traffic Control for D	etour	Per Neva	ada Barricade			
Item	# on Job	Rate	Total		<u> </u>	
Road Closed	5	\$1.25	\$6.25			
Road Closed Thru Traffic	3	\$1.25	\$3.75			
Road Closed Ahead	5	\$1.25	\$6.25			
Detour Signs	10	\$1.25	\$12.50			
Type II Barr. w/ Light	16	\$1.00	\$16.00		<u> </u>	
Type III Barr.	12	\$2.00	\$24.00		<u> </u>	
Sign Stands	10	\$1.75	\$17.50			
Total			\$86.25			
Invoice Charge			Total		<u> </u>	
				 	<u> </u>	
Total			0		<u> </u>	
	subtotal		\$2,814.48			
	15% M/U		\$422.17			
	Daily Tota	1	\$3,236.65			

· · · · · ·

Forced Account Wo	rk Airport Ro	paa	Petersen	Paving		<u> </u>	
04/22/2008		<u> </u>				ļ	
Equipment		<u> </u>	<u> </u>		ļ		
	Rate	Hours	Total				
Paving			<u> </u>			ļ 	
CB224 Roller	\$24.28	1.5	\$36.42			<u> </u>	
Bitch Pot	\$8.40	1.5	\$12.60				
10 Wheel dump	\$60.24	1.5	\$90.36				
			1				
			<u> </u>				
		<u> </u>	1		<u> </u>	<u> </u>	
Equipment Total			\$139.38				
Labor	Rate	Hours	Total				
Howard Cliver	\$52.94	1.5	\$79.41				
Juan Domingez	\$52.94	1.5	\$79.41				
Ruben Vega	\$35.45	1.5	\$53.18				
Total			\$212.00				
T.							
					l		
				·			
Invoice Charged	Rate	Quantity	Total				
Granite #10016300		7.98 Ton	\$536.82				
Total			\$536.82				
<u> </u>							
		 		1		<u> </u>	
	subtotal		\$888.20		 	 	
	15% M/U	 	\$133.23				
	Daily Total		\$1,021.42		†		
	IDany I Olai	1	141,021.72		<u> </u>	1 	<u> </u>

Forced Account W	Insitufo	orm			
04/22/2008					
Equipment	Data	Havea	Invaina #	Total	
3" Trash Pump ®	Rate \$255.00	Hours	Invoice # 0	Total	0
Discharge Hose 3"			0		0
Discharge Hose 3	ψ ψ13.00		O		Ü
Equipment total					0
Labor					
	Rate	Hours		Total	
Bryan Givens	\$66.21		1	\$66.	21
James Riggins	\$53.31		0	\$0.	
	subtotal			\$66.	21
	15% M /U			\$9.	93
	Daily Total			\$76.	14
	•				

Forced Account Wor	k Airport Ro	oad	Petersen				
04/23/2008							
Equipment							
	Rate	Hours	Total				
315C Excavator	\$63.01	6	\$378.06				
938G Loader	\$53.02	8	\$424.16		1		
10 Wheel Dump	\$60.24	0	\$0.00				
Water Truck	\$33.89	2	\$67.78				
3500 P/U	\$19.14	8	\$153.12				
580 Backhoe	\$35.25	0	\$0.00				
Generator	\$14.70	2	\$29.40				
	1						
							
Equipment Total			\$1,052.52				
Labor	Rate	Hours	Total				
					<u> </u>	1	
Billy Mac	\$55.71	8	\$445.68	• • • •			
Tomm Addis	\$53.61	8	\$428.88				
Danny King	\$52.30	8	\$418.40				
Rich Chapman	\$35.45	8	\$283.60				
Kevin Adams	\$35.45	8	\$283.60			1	
Manuel Barron	\$35.45	8	\$283.60				
Steve Smith	\$45.49	Ō	\$0.00				
	- • • • • • • • • • 		1		1		
Labor Total			\$2,143.76	······································		<u> </u>	
			1,-,				
Traffic Control for De	etour	Per Neva	Per Nevada Barricade			1	
	T		1				
Item	# on Job	Rate	Total				
Road Closed	5	\$1.25	\$6.25		1		
Road Closed Thru Traffic	3	\$1.25	\$3.75				
Road Closed Ahead	5	\$1.25	\$6.25				
Detour Signs	10	\$1.25	\$12.50				
Type II Barr. w/ Light	16	\$1.00	\$16.00				
Type III Barr.	12	\$2.00	\$24.00				
Sign Stands	10	\$1.75	\$17.50				
Move to Douglas	1	\$250.00	\$250.00				
Labor	2	\$85.00	\$170.00				
			1				
Total			\$506.25				
			1				
Invoice Charge	1	<u> </u>	Total				
T	1	† • • • • • • • • • • • • • • • • • • •				<u> </u>	
Total		1	О	·	T	 	
,	_	<u> </u>	1			1	
	1	<u> </u>				 	
 	 	<u> </u>	1			 	
 	 	1	 			<u> </u>	
	subtotal		\$3,702.53			<u> </u>	
	15% M/U	 	\$5,702.33			 	
<u> </u>			\$4,257.91				
1	Daily Tota	1	₩+,∠U <i>I</i> .∀ I		<u> </u>	J	

* · , ·

Forced Account Work Airport Road

Insituform

04/23/2008

Equipment	E	jui	pm	ent
-----------	---	-----	----	-----

3" Trash Pump ® Discharge Hose 3" ®	Rate \$255.00 \$15.00	Hours	Invoice # 1 73352822-022 1 73144879-002	Total \$255.00 \$15.00
Equipment total				\$270.00

Labor

	Rate	Hours	Total
Bryan Givens	\$66.22	7	\$463.54
James Riggins	\$53.31	0	\$0.00
Labor Total			\$463.54

subtotal	\$463.54
15% M/U	\$69.53
Daily Total	\$533.07

Forced Account Wor	k Airport Ro	ad	Petersen		<u> </u>	[
04/24/2008							
Equipment			1	·····			
	Rate	Hours	Total				
315C Excavator	\$63.01	7	\$441.07		 	 	
938G Loader	\$53.02	8	\$424.16				<u> </u>
End dump	\$67.00	5	\$335.00				
Water Truck	\$33.89	0	\$0.00		 		f
3500 P/U	\$19.14	8	\$153.12			i	
580 Backhoe	\$35.25	1	\$35.25				
Generator	\$14.70	0	\$0.00		<u> </u>		
Generator	14.70	 	40.00				
	+			· · · · · · · · · · · · · · · · · · ·			
Equipment Total	+		\$1,388.60				
L'quipinent Total	+		ψ1,000.00		 	-	
Labor	Rate	Hours	Total				<u> </u>
	Trace	1.10013	1.001			<u> </u>	
Billy Mac	\$55.71	8	\$445.68				
Tomm Addis	\$53.61	8	\$428.88		†		
Danny King	\$52.30	8	\$418.40			<u> </u>	
Rich Chapman	\$35.45	8	\$283.60	<u> </u>		 	<u> </u>
Kevin Adams	\$35.45	8	\$283.60				
Manuel Barron	\$35.45	8	\$283.60				<u> </u>
Rick Houk	\$45.49	5	\$227.45		 		<u> </u>
Nick Houk	ψ 4 3.43		Ψ221.40				·····
Labor Total		<u> </u>	\$2,371.21			 	
Labor Total		 	Ψ2,07 1.21		<u> </u>	 	
Traffic Control for De	otour.	Per Neva	da Barricade		 	· · · · · · · · · · · · · · · · · · ·	
Traine control of De	T T	i ci itota	T Durrioude				
Item	# on Job	Rate	Total				
Road Closed	5	\$1.25	\$6.25				
Road Closed Thru Traffic	3	\$1.25	\$3.75	·			
Road Closed Ahead	5	\$1.25	\$6.25				
Detour Signs	10	\$1.25	\$12.50		1		
Type II Barr. w/ Light	16	\$1.00	\$16.00			· · · · · · · · · · · · · · · · · · ·	
Type III Barr.	12	\$2.00	\$24.00				
Sign Stands	10	\$1.75	\$17.50		-		
Sign Stands	110	Ψ1.70	1017.00			<u> </u>	<u> </u>
Total			\$86.25			<u> </u>	
Total		 	1400.20			<u> </u>	
			+				
Materials	 	 	Total		 	 	
redictials	1		Total		-	<u> </u>	
Total	-		0				
1 Otal	<u> </u>	 	10				
	- -						
		-	 		<u> </u>	 	<u> </u>
ļ	+		 	ļ	 	 	<u> </u>
 			62.040.00			<u> </u>	<u></u>
	subtotal		\$3,846.06			<u> </u>	<u> </u>
-	15% M/U		\$576.91	.			<u> </u>
L	Daily Total	<u></u>	\$4,422.97		L	L	L

· · · · · ·

Forced Account Work	Forced Account Work Airport Road Insituform				
04/24/2008					
Equipment	Rate	Hours	Invoice #	Total	
3" Trash Pump ® Discharge Hose 3" ®	Nate	riouis	illvoice #	Total	
Equipment total				0	
Labor	Rate	Hours		Total	
Bryan Givens James Riggins	\$66.22 \$53.31	Tiouis	1	\$66.22 \$53.31	

subtotal 15% M/U Daily Total \$119.53 \$17.93 \$137.46

Forced Account Wo	rk Airport R	oad	Petersen			<u> </u>
04/24/2008						
Equipment						
	Rate	Hours	Total			
315C Excavator	\$63.01	7	\$441.07			
938G Loader	\$53.02	8	\$424.16			
End dump	\$67.00	5	\$335.00			
Water Truck	\$33.89	0	\$0.00			
3500 P/U	\$19.14	8	\$153.12			
580 Backhoe	\$35.25	1	\$35.25			
Generator	\$14.70	0	\$0.00			
		1				
Equipment Total			\$1,388.60			
Labor	Rate	Hours	Total			
Billy Mac	\$55.71	8	\$445.68			
Tomm Addis	\$53.61	8	\$428.88			
Danny King	\$52.30	8	\$418.40			
Rich Chapman	\$35.45	8	\$283.60			
Kevin Adams	\$35.45	8	\$283.60			
Manuel Barron	\$35.45	8	\$283.60			
Rick Houk	\$45.49	5	\$227.45			
i ab as Tatal		<u> </u>	60 274 04			
Labor Total		-	\$2,371.21			
Traffic Control for D	etour	Per Nev	ada Barricade			
Item	# on Job	Rate	Total			1
Road Closed	5	\$1.25	\$6.25			
Road Closed Thru Traffic	3	\$1.25	\$3.75			
Road Closed Ahead	5	\$1.25	\$6.25			
Detour Signs	10	\$1.25	\$12.50			
Type II Barr. w/ Light	16	\$1.00	\$16.00			
Type III Barr.	12	\$2.00	\$24.00			
Sign Stands	10	\$1.75	\$17.50			
Total			\$86.25			
		<u> </u>				
Materials			Total			
Total			0			
						
	subtotal		\$3,846.06			
	15% M/U		\$576.91			
I	Daily Tota	ł1	\$4,422.97	1	1	1 1

.

Forced Account World	Insituform				
04/24/2008					
Equipment	Data	Hours	Invoice #	Total	
3" Trash Pump ® Discharge Hose 3" ®	Rate	nours	mvoice #	Total	
Equipment total				0	
Labor	Dete	Have		Total	
Bryan Givens James Riggins	Rate \$66.22 \$53.31	Hours	1 1	Total \$66.22 \$53.31	

subtotal 15% M/U Daily Total \$119.53 \$17.93 \$137.46

Forced Accou	nt Work Airpe	ort Road	Petersen			
04/25/2008						
Equipment						
	Rate	Hours	Total			
315C Excavato			\$441.07			
938G Loader	\$53.0		\$424.16			
End dump	\$67.0		\$335.00			
Water Truck	\$33.8		\$33.89			
3500 P/U	\$19.	14 8	\$153.12			
580 Backhoe	\$35.2	25 1	\$35.25			
Generator	\$14.	70 0	\$0.00			
Equipment Tot	al		\$1,422.49			
Labor	Rate	Hours	Total			
Billy Mac	\$55.		\$445.68			
Tomm Addis	\$53.0	31 8	\$428.88			
Danny King	\$52.		\$418.40			
Rich Chapman			\$283.60			
Kevin Adams	\$35.4		\$283.60			
Manuel Barron	\$35.4	45 8	\$283.60			
Rick Houk	\$45.4	49 5	\$227.45			
Labor Total			\$2,371.21			
Traffic Contro	I for Detour	Per Ne	vada Barricade			
Item	# on		Total	<u>. </u>		
Road Closed	5	\$1.25	\$6.25			
Road Closed Thru		\$1.25	\$3.75			
Road Closed Ahea		\$1.25	\$6.25			
Detour Signs	10	\$1.25	\$12.50			
Type II Barr. w/ Lig		\$1.00	\$16.00			
Type III Barr.	12	\$2.00	\$24.00			
Sign Stands	10	\$1.75	\$17.50			
Total			\$86.25			
					<u> </u>	
			<u> </u>	ļ <u>ļ.</u>		
Materials			Total	ļ <u>ļ.</u>		
-						
Total			0			
ļ						
				ļ		
ļ				 		
	subto		\$3,879.95			
		M/U Total	\$581.99 \$4,461.94			

Forced Account Work Airport Road

Insituform

04/25/2008

• •	Rate	Hours	Invoice #	Total
3" Trash Pump ®	\$255.00		1 73352822-002	\$255.00
Discharge Hose 3" ®	\$15.00		1 73144879	\$15.00

Equipment total

\$270.00

Labor

	Rate	Hours	Total
Bryan Givens	\$66.22	8	\$529.76
James Riggins	\$53.31	8	\$426.48

Labor Total

\$956.24

subtotal	\$1,226.24
15% M/U	\$183.94
Daily Total	\$1,410.18