Item # 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/Motion (____) 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 Memo from Project Manager, and Approved Change Orders

Prepared By: Sandy Scott, Purchasing & Contracts Management Assistant

Reviewed By: ______________________ Date: 10-28-08
(Public Works)

______________________ Date: 10-28-08
(City Manager)

______________________ Date: 10-28-08
(District Attorney)

______________________ Date: 10/28/08
(Finance Director)

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 JB

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 .

CARSON CITY CONTRACTS
CHANGE ORDER No. 1

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

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 balance the final pay quantities of 2 Unit Bid Items as detailed in Attachment No. 1.

Justification: Unit Bid Items are paid based on the actual quantities installed.

Requested By: City

Item #1: Increases / ~~Decreases~~ / ~~Does not change~~ the Contract Sum by: $53,976.30

Item #1: Increases / ~~Decreases~~ / ~~Does not change~~ the Contract Term by: + 3 calendar days

SUMMARY

1	Original Contract Sum	$ 558,138.00	
2	Net change by previously approved Change Orders	$ 0.00	
3	Contract Sum prior to this Change Order	$ 558,138.00	
4	Contract Sum will be (increased) (~~decreased~~) (~~unchanged~~) by this Change Order in the amount of	$ 53,976.30	
5	Revised Contract Sum including this Change Order	$ 612,114.30	
6	Original number of calendar days to complete the contract	90	calendar days
7	Contract Term will be (increased) (~~decreased~~) (~~unchanged~~) by:	3	calendar days
8	Revised number of days to complete the contract	93	calendar days
9	Revised date of Completion by this Change Order	November 24, 2007	

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.

CONTRACTS City of Carson City		**CONTRACTOR**		**PROJECT MANAGER**	
By:	Karen L White	By:	D. Ladd	By:	John Benzing
Printed Name:	Karen L White	Printed Name:	Darren Ladd	Printed Name:	John Benzing
Title:	Management Asst III	Title:	Project Manager	Title:	Construction Manager
Date:	1-9-08	Date:	1/9/08	Date:	1-9-08

ORIGINAL

AD

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. BP24, Heavy Duty Pipe Cleaning, 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

CARSON CITY CONTRACTS
CHANGE ORDER No. 2

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

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 / ~~Decreases~~ / ~~Does not change~~ the Contract Sum by: $8,500.00

Item #1: Increases / ~~Decreases~~ / ~~Does not change~~ the Contract Term by: + 2 calendar days

SUMMARY

1	Original Contract Sum	$ 558,138.00
2	Net change by previously approved Change Orders	$ 53,976.30
3	Contract Sum prior to this Change Order	$ 612,114.30
4	Contract Sum will be (increased) (~~decreased~~) (~~unchanged~~) by this Change Order in the amount of	$ 8,500.00
5	Revised Contract Sum including this Change Order	$ 620,614.30
6	Original number of calendar days to complete the contract	93 calendar days
7	Contract Term will be (increased) (~~decreased~~) (~~unchanged~~) by:	2 calendar days
8	Revised number of days to complete the contract	95 calendar days
9	Revised date of Completion by this Change Order	November 26, 2007

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.

CONTRACTS City of Carson City		CONTRACTOR		PROJECT MANAGER	
By:	Karen L White	By:	[signature]	By:	John Benzing
Printed Name:	KAREN L White	Printed Name:	Thanh Q. Vo	Printed Name:	John Benzing
Title:	Management Asst III	Title:	Sr. Project Manager	Title:	Construction Manager
Date:	3-20-08	Date:	3.18.08	Date:	2-26-08

ORIGINAL

kw

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. 3

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

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 / ~~Decreases~~ / ~~Does not change~~ the Contract Sum by: $60755.75

Item #1: Increases / ~~Decreases~~ / ~~Does not change~~ the Contract Term by: + 14 calendar days

SUMMARY

1	Original Contract Sum	$ 558,138.00
2	Net change by previously approved Change Orders	$ 62,476.30
3	Contract Sum prior to this Change Order	$ 620,614.30
4	Contract Sum will be (increased) (~~decreased~~) (~~unchanged~~) by this Change Order in the amount of	$ 60,755.75
5	Revised Contract Sum including this Change Order	$ 681,370.05
6	Original number of calendar days to complete the contract	93 calendar days
7	Contract Term will be (increased) (~~decreased~~) (~~unchanged~~) by:	14 calendar days
8	Revised number of days to complete the contract	107 calendar days
9	Revised date of Completion by this Change Order	December 10, 2007

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.

CONTRACTS City of Carson City		**CONTRACTOR**		**PROJECT MANAGER**	
By:	Karen L White	By:	Bryan Givens	By:	John Benzing
Printed Name:	KAREN L White	Printed Name:	BRYAN GIVENS	Printed Name:	John Benzing
Title:	Management Asst III	Title:	FIELD ENGINEER	Title:	Construction Manager
Date:	6/20/08	Date:	6/20/08	Date:	6-20-08

ORIGINAL

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' @ $250.00 = $8,750.00

ATTACHMENT #1

Forced Account Work Airport Road **Munson**

04/14/2008 Thru 04/28/2008

Equipment

	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

Labor

	Rate	Quantity	Total
Pump Monitoring	$1,725.00	4	$6,900.00

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

Forced Account Work Airport Road				**Petersen**				
04/16/2008								
Equipment								
		Rate	Hours	Total				
315C Excavator		$63.01	7	$441.07				
938G Loader		$53.02	7	$371.14				
10 Wheel Dump		$60.24	7	$421.68				
Water Truck		$33.89	1	$33.89				
3500 P/U		$19.14	8	$153.12				
580 Backhoe		$35.25	2	$70.50				
Generator		$14.70	8	$117.60				
Equipment Total				$1,609.00				
Labor		Rate	Hours	Total				
Billy Mac		$55.71	8	$445.68				
Tomm Addis		$53.61	8	$428.88				
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				
Labor Total								
Traffic Control for Detour			**Per Nevada Barricade**					
Item		# on Job	Rate	Total				
Road Closed		5	$1.25	$6.25				
Raod 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				
Invoice Charged								
					Total			
Jensen #173777		2 - 60" flat tops						
		2 - rim/lids			$2,078.23			
Rinker #0040696966		12"x6' CL5 C76 (RCP) 24'						
Rinker #0040696966		15"x6' CLVTG (RCP) 12'						
Rinker #0040696966		18"x8' CL3C76TG (RCP) 8'						
Rinker #0040696966		24"x8' CL3C76TG (RCP) 8'						
Rinker #0040696966		30"x8' C76CL111TG (RCP) 8'			$1,856.77			
					$3,935.00			
			sub total		$8,143.61			
			15%M/U		$1,221.54			
			Daily Total		$9,365.15			

Forced Account Work Airport Road Insituform

04/16/2008

Equipment

	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				Petersen	
04/17/2008					
Equipment					
		Rate	Hours	Total	
315C Excavator		$63.01	8	$504.08	
938G Loader		$53.02	8	$424.16	
10 Wheel Dump		$60.24	8	$481.92	
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	
Equipment Total				$1,622.08	
Labor		Rate	Hours	Total	
Billy Mac		$55.71	8	$445.68	
Tomm Addis		$53.61	8	$428.88	
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 Detour			**Per Nevada Barricade**		
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	
Type III Barr.		12	$2.00	$24.00	
Sign Stands		10	$1.75	$17.50	
		Total		$86.25	
Invoice Charged					
					Total
Capital City #59083		5 Yard			$621.33
Rinker #0040696966		30"x8' C76CL111TG (RCP) 8'			
				Total	$621.33
				subtotal	$4,843.02
				15% M/U	$726.45
		Daily Total			$5,569.47

Forced Account Work Airport Road **Insituform**

04/17/2008

Equipment

	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

Forced Account Work Airport Road				**Petersen**
04/18/2008				
Equipment				
		Rate	Hours	Total
315C Excavator		$63.01	4	$252.04
938G Loader		$53.02	8	$424.16
10 Wheel Dump		$60.24	1	$60.24
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	8	$117.60
Equipment Total				$1,074.94
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		$32.45	8	$259.60
Manuel Barron		$32.45	8	$259.60
Kevin Adams		$32.45	8	$259.60
Steve Smith		$45.49	1	$45.49
Labor Total				$2,117.25
Traffic Control for Detour			**Per Nevada Barricade**	
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
Type II Barr. w/ Light		12	$2.00	$24.00
Sign Stands		10	$1.75	$17.50
		Total		$86.25
Invoice Charged				Total
Capital City #59083		6 Yard		$687.74
		subtotal		$3,966.18
		15% M/U		$594.93
		Daily Total		$4,561.11

Forced Account Work Airport Road				**Petersen**				
04/21/2008								
Equipment								
		Rate	Hours	Total				
315C Excavator		$63.01	1	$63.01				
938G Loader		$53.02	3	$159.06				
10 Wheel Dump		$60.24	0	$0.00				
Water Truck		$33.89	1	$33.89				
3500 P/U		$19.14	8	$153.12				
580 Backhoe		$35.25	0	$0.00				
Generator		$14.70	0	$0.00				
Equipment Total				$409.08				
Labor		Rate	Hours	Total				
Billy Mac		$55.71	4.5	$250.70				
Tomm Addis		$53.61	4.5	$241.25				
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				
Traffic Control for Detour			**Per Nevada Barricade**					
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				
Type III Barr.		12	$2.00	$24.00				
Sign Stands		10	$1.75	$17.50				
Repair		1	$250.00	$250.00				
Labor		2	$85.00	$170.00				
		Total		$506.25				
Invoice Charge				Total				
cinderlite #69250 25.9		6 Yard		0 **				
		sutotal		$2,121.20				
		15% M/U		$318.18				
		Daily Total		$2,439.37				

Forced Account Work Airport Road				**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
Howard Cliver		$54.49	1	$54.49
Juan Domingez		$54.49	1	$54.49
Ruben Vega		$35.45	1	$35.45
Labor Total				$144.43
Materials				Total
Granite #10016273		$1,049.39		$1,049.39
		subtotal		$1,293.50
		15% M/U		$194.03
		Daily Total		$1,487.53

Forced Account Work Airport Road **Insituform**

04/21/2008

Equipment

	Rate	Hours	Invoice #	Total
3" Trash Pump ®				
Discharge Hose 3" ®				
Equipment total				0

Labor

	Rate	Hours	Total
Bryan Givens	$66.22	0	$0.00
James Riggins	$53.31	0	$0.00

Daily Total	$0.00

Forced Account Work Airport Road				**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
580 Backhoe		$35.25	0	$0.00
Generator		$14.70	8	$117.60
Equipment Total				$584.47
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
Steve Smith		$45.49	0	$0.00
Labor Total				$2,143.76
Traffic Control for Detour			**Per Nevada Barricade**	
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
Type III Barr.		12	$2.00	$24.00
Sign Stands		10	$1.75	$17.50
Total				$86.25
Invoice Charge				Total
Total				0
		subtotal		$2,814.48
		15% M/U		$422.17
		Daily Total		$3,236.65

Forced Account Work Airport Road				**Petersen**	**Paving**			
04/22/2008								
Equipment								
		Rate	Hours	Total				
	Paving							
CB224 Roller		$24.28	1.5	$36.42				
Bitch Pot		$8.40	1.5	$12.60				
10 Wheel dump		$60.24	1.5	$90.36				
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				
Invoice Charged		Rate	Quantity	Total				
Granite #10016300			7.98 Ton	$536.82				
Total				$536.82				
		subtotal		$888.20				
		15% M/U		$133.23				
		Daily Total		$1,021.42				

Forced Account Work Airport Road **Insituform**

04/22/2008

Equipment

	Rate	Hours	Invoice #	Total
3" Trash Pump ®	$255.00	0		0
Discharge Hose 3" ®	$15.00	0		0
Equipment total				0

Labor

	Rate	Hours	Total
Bryan Givens	$66.21	1	$66.21
James Riggins	$53.31	0	$0.00

subtotal	$66.21
15% M/U	$9.93
Daily Total	$76.14

Forced Account Work Airport Road				**Petersen**				
04/23/2008								
Equipment								
		Rate	Hours	Total				
315C Excavator		$63.01	6	$378.06				
938G Loader		$53.02	8	$424.16				
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				
Equipment Total				$1,052.52				
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				
Steve Smith		$45.49	0	$0.00				
Labor Total				$2,143.76				
Traffic Control for Detour			**Per Nevada Barricade**					
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				
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				
Total				$506.25				
Invoice Charge				Total				
Total				0				
		subtotal		$3,702.53				
		15% M/U		$555.38				
		Daily Total		$4,257.91				

Forced Account Work Airport Road **Insituform**

04/23/2008

Equipment

	Rate	Hours	Invoice #	Total
3" Trash Pump ®	$255.00	1	73352822-022	$255.00
Discharge Hose 3" ®	$15.00	1	73144879-002	$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 Work Airport Road				**Petersen**
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
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
Labor Total				$2,371.21
Traffic Control for Detour			**Per Nevada Barricade**	
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
Type III Barr.		12	$2.00	$24.00
Sign Stands		10	$1.75	$17.50
Total				$86.25
Materials				Total
Total				0
		subtotal		$3,846.06
		15% M/U		$576.91
		Daily Total		$4,422.97

Forced Account Work Airport Road **Insituform**

04/24/2008

Equipment

	Rate	Hours	Invoice #	Total
3" Trash Pump ®				
Discharge Hose 3" ®				
Equipment total				0

Labor

	Rate	Hours	Total
Bryan Givens	$66.22	1	$66.22
James Riggins	$53.31	1	$53.31

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

Forced Account Work Airport Road				**Petersen**				
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				
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				
Labor Total				$2,371.21				
Traffic Control for Detour			**Per Nevada Barricade**					
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				
Type III Barr.		12	$2.00	$24.00				
Sign Stands		10	$1.75	$17.50				
Total				$86.25				
Materials				Total				
Total				0				
		subtotal		$3,846.06				
		15% M/U		$576.91				
		Daily Total		$4,422.97				

Forced Account Work Airport Road **Insituform**

04/24/2008

Equipment

	Rate	Hours	Invoice #	Total
3" Trash Pump ®				
Discharge Hose 3" ®				
Equipment total				0

Labor

	Rate	Hours	Total
Bryan Givens	$66.22	1	$66.22
James Riggins	$53.31	1	$53.31

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

Forced Account Work Airport Road				**Petersen**				
04/25/2008								
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	1	$33.89				
3500 P/U		$19.14	8	$153.12				
580 Backhoe		$35.25	1	$35.25				
Generator		$14.70	0	$0.00				
Equipment Total				$1,422.49				
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				
Labor Total				$2,371.21				
Traffic Control for Detour			**Per Nevada Barricade**					
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				
Type III Barr.		12	$2.00	$24.00				
Sign Stands		10	$1.75	$17.50				
Total				$86.25				
Materials				Total				
Total				0				
		subtotal		$3,879.95				
		15% M/U		$581.99				
		Daily Total		$4,461.94				

Forced Account Work Airport Road **Insituform**

04/25/2008

Equipment

	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