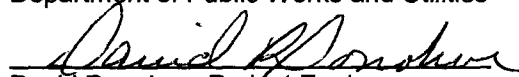


AUI08R2B

TYPE OF RECORD:	NON-PERMANENT
CATEGORY OF RECORD:	CONTRACT
NAME OF CONTRACTOR:	ARAPAHOE UTILITIES AND INFRASTRUCTURE INC
SUBJECT/PROJECT:	RANCHMEN'S DITCH FLOOD CONTROL PROJECT PHASE II PART B
CITY DEPARTMENT:	PUBLIC WORKS AND PLANNING
YEAR:	2008
EXPIRATION DATE:	05/01/ <del>2009</del> 2059
DESTRUCTION DATE:	<del>01/01/2016</del>

**NOTICE OF AWARD**

Date: September 4, 2008  
Contractor: Arapahoe Utilities and Infrastructure, Inc.  
From: City of Grand Junction  
Department of Public Works and Utilities

  
David Donohue, Project Engineer

Project: Ranchmen's Ditch Flood Control Project, Phase II, Part B

---

The City of Grand Junction has considered the Bid submitted by the Contractor for the Project, in response to the Invitation to Bid.

The Contractor is hereby notified that the Bid received from the Contractor for the Project in the amount of \$5,693,185.00 was accepted by the City Council on September 3, 2008. The Contractor is hereby awarded all or portions of the Project described as itemized in the Bid Schedule in the Bid Form, with Concrete pipe to be used in place of the originally proposed SmoothCor Pipe, and with Imported Trench Backfill (Pay Item 361) priced at \$9.60/~~CY~~ for 35,000 ~~CY~~ estimated quantity.

The Contractor is required to execute and submit four (4) copies of the Contract and submit two (2) copies each of the Performance Bond, Payment Bond and Certificates of Insurance within ten (10) calendar days of the date of this Notice of Award. If the Contractor fails to execute the Contract and furnish the Bonds and Certificates within ten (10) calendar days, the City shall be entitled to forfeiture of the Bid Guaranty to the City. The City shall also be entitled to such other rights as may be granted by law or the Contract Documents.

---

**CONTRACTOR ACKNOWLEDGMENT**

Receipt of this Notice to Award is hereby acknowledged:

Contractor: ~~Arapahoe Utilities and Infrastructure~~

By: 

Title: \_\_\_\_\_

Date: 9/12/08

The Contractor is required to return an acknowledged copy of this Notice of Award to the City.

## NOTICE TO PROCEED

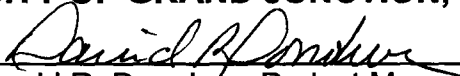
Date: September 22, 2008  
Contractor: Arapahoe Utilities and Infrastructure, Inc.  
Project: Ranchmen's Ditch Flood Control Project, Phase II, Part B

---

In accordance with the contract dated September 18, 2008, the Contractor is hereby notified to begin work on the Project on or before September 23, 2008. The time of completion shall be 221 calendar days from the stated beginning date.

The date of completion as determined from the stated date and time is May 1, 2009.

**CITY OF GRAND JUNCTION, COLORADO**

  
David R. Donohue, Project Manager

---

### CONTRACTOR ACKNOWLEDGEMENT

Receipt of this Notice to Proceed is hereby acknowledged:

Contractor:

By:

Print Name:

  
JOSH LIVERMORE

Title:

PROJECT MANAGER

Date:

9/22/08

CITY OF GRAND JUNCTION, COLORADO  
DEPARTMENT OF PUBLIC WORKS AND UTILITIES  
ENGINEERING DIVISION

\*\*\*\*\*

**CONTRACT**

This CONTRACT made and entered into this 18<sup>th</sup> day of September, 2008, by and between the **City of Grand Junction, Colorado**, a Municipal Corporation in the County of Mesa, State of Colorado, hereinafter in the Contract Documents referred to as the "City" and **Arapahoe Utilities and Infrastructure, Inc.**, hereinafter in the Contract Documents referred to as the "Contractor."

WITNESSETH:

WHEREAS, the City advertised that sealed Bids would be received for furnishing all labor, tools, supplies, equipment, materials, and everything necessary and required for the Project described by the Contract Documents and known as **Ranchmen's Ditch Flood Control Project, Phase II, Part B.**

WHEREAS, the Contract has been awarded to the above named Contractor by the City, and said Contractor is now ready, willing and able to perform the Work specified in the Notice of Award, in accordance with the Contract Documents;

NOW, THEREFORE, in consideration of the compensation to be paid the Contractor, the mutual covenants hereinafter set forth and subject to the terms hereinafter stated, it is mutually covenanted and agreed as follows:

**ARTICLE 1**

Contract Documents: It is agreed by the parties hereto that the following list of instruments, drawings, and documents which are attached hereto, bound herewith, or incorporated herein by reference constitute and shall be referred to either as the "Contract Documents" or the "Contract", and all of said instruments, drawings, and documents taken together as a whole constitute the Contract between the parties hereto, and they are fully a part of this agreement as if they were set out verbatim and in full herein:

- Standard Contract Documents For Capital Improvements Construction (latest edition), completed and signed, as appropriate, by the required parties;
- Bid Documents for the Project; **Ranchmen's Ditch Flood Control Project, Phase II, Part B;**
- Work Change Requests (directing that changed work be performed);
- Field Orders;
- Change Orders.

## ARTICLE 2

Definitions: The definitions provided in the General Contract Conditions apply to the terms used in the Contract and all the Contract Documents.

## ARTICLE 3

Contract Work: The Contractor agrees to furnish all labor, tools, supplies, equipment, materials, and all that is necessary and required to complete the tasks associated with the Work described, set forth, shown, and included in the Contract Documents as indicated in the Notice of Award.

## ARTICLE 4

Contract Time and Liquidated Damages: Time is of the essence with respect to this Contract. The Contractor hereby agrees to commence Work under the Contract on or before the date specified in a written Notice to Proceed from the City, and to achieve Substantial Completion and Final Completion of the Work within the time or times specified in the Special Conditions. In the event the Work is not completed in the times set forth and as agreed upon, the Contractor further agrees to pay Liquidated Damages to the City as set forth in the Special Conditions. The Contractor acknowledges and recognizes the delays, expenses and difficulties involved in proving in a legal proceeding the actual losses suffered by the City if the work is not completed on time. Accordingly, instead of requiring any such proof, the City and the Contractor agree that as Liquidated Damages for delay, but not as a penalty, the Contractor shall pay to the City the amounts specified in the Special Conditions.

## ARTICLE 5

Contract Price and Payment Procedures: The Contractor shall accept as full and complete compensation for the performance and completion of all of the Work specified in this Contract and the Contract Documents, the sum of **Five Million, Six Hundred Nine-thousand, One Hundred Eight-five Dollars and no cents (\$5,693,185.00)**. If this Contract contains unit price pay items, the Contract Price shall be adjusted in accordance with the actual quantities of items completed and accepted by the City at the unit prices quoted in the Bid Form. The amount of the Contract Price is and has heretofore been appropriated by the City Council of the City of Grand Junction for the use and benefit of this Project. The Contract Price shall not be modified except by Change Order or other written directive of the City. The City shall not issue a Change Order or other written directive which requires additional work to be performed, which work causes the aggregate amount payable under this Contract to exceed the amount appropriated for this Project, unless and until the City provides Contractor written assurance that lawful appropriations to cover the costs of the additional work have been made. Written assurance shall be provided in the form of a letter signed by the Public Works Director and certified by the Director of Finance.

Unless otherwise provided in the Special Conditions, monthly partial payments shall be made as the Work progresses. Applications for partial and Final Payment shall be prepared by the Contractor and approved by the City in accordance with the General Contract Conditions.

Upon Final Completion of the Work under the Contract and before the Contractor shall receive final payment, the City shall publish at least twice in a newspaper of general circulation published in the City a notice that: 1. the City has accepted such Work as completed according to the Contract Documents; 2. the Contractor is entitled to final payment therefor; 3. thirty days after the first publication, specifying the exact date, the City shall pay the full balance due under the Contract; and 4. persons having claims for labor, materials, team hire, sustenance, provisions, provender, or other supplies used or consumed by the Contractor or a subcontractor shall file a verified statement of the amount due and unpaid on account of such claim prior to the date specified for such payment. Nothing herein shall be construed as relieving the Contractor and the Sureties on the Contractor's Bonds from any claim or claims for work or labor done or materials or supplies furnished in the execution of the Contract.

#### ARTICLE 6

Bonds: The Contractor shall furnish currently herewith the Bonds required by the Contract Documents, such Bonds being attached hereto. The Performance Bond shall be in an amount not less than one hundred percent (100%) of the Contract Price set forth in Article 5. The Payment Bond shall be in an amount not less than one hundred (100%) of the Contract Price set forth in Article 5. Bonds in the amounts of \$1,000 or less will be made in multiples of \$100; in amounts exceeding \$5,000, in multiples of \$1,000; provided that the amount of the Bonds shall be fixed by the City at the lowest sum that fulfills all conditions of the Contract.

#### ARTICLE 7

Contract Binding: The City and the Contractor each binds itself, its partners, successors, assigns and legal representatives to the other party hereto in respect to all covenants, agreements and obligations contained in the Contract Documents. The Contract Documents constitute the entire agreement between the City and Contractor and may only be altered, amended or repealed by a duly executed written instrument. Neither the City nor the Contractor shall, without the prior written consent of the other, assign or sublet in whole or in part its interest under any of the Contract Documents and specifically, the Contractor shall not assign any moneys due or to become due without the prior written consent of the City.

#### ARTICLE 8

Severability: If any part, portion or provision of the Contract shall be found or declared null, void or unenforceable for any reason whatsoever by any court of competent

jurisdiction or any governmental agency having the authority thereover, only such part, portion or provision shall be effected thereby and all other parts, portions and provisions of the Contract shall remain in full force and effect.

IN WITNESS WHEREOF, the City of Grand Junction, Colorado, has caused this Contract to be subscribed by its City Manager and sealed and attested by its City Clerk in its behalf; and the Contractor has signed this Contract the day and the year first mentioned herein.

The Contract is executed in four counterparts.

**THE CITY OF GRAND JUNCTION, COLORADO**

By: *Sam Kordich*  
City Manager

9/18/08  
Date

ATTEST:

By: *Stephanie Tun*  
City Clerk



**Arapahoe Utilities and Infrastructure, Inc.**

By: *[Signature]*  
Title

9/22/08  
Date

ATTEST:

CORPORATE SEAL:

By: *[Signature]*  
Title

**PERFORMANCE BOND**

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned Arapahoe  
Utilities & Infrastructure, Inc., dba A.U.I., Inc.\*, a Corporation  
 organized under the laws of the State of Colorado, hereinafter  
 referred to as the "Contractor" and Fidelity and Depository Company of Maryland\*\*  
, a corporation organized under the laws of the State of Maryland  
, and authorized and licensed to transact business in the State of  
 Colorado, hereinafter referred to as the "Surety," are held and firmly bound unto the  
 City of Grand Junction, Colorado, hereinafter referred to as the "City", in the penal sum  
 of Five Million Six Hundred Ninety Three Thousand One Hundred Eighty Five and 00/100  
 dollars (\$ 5,693,185.00 ), lawful money of the  
 United States of America, for the payment of which sum the Contractor and Surety bind  
 themselves and their heirs, executors, administrators, successors and assigns, jointly  
 and severally by these presents.

WHEREAS, the above Contractor has on the 18TH day of SEPTEMBER,  
 2008, entered into a written contract with the City for furnishing all labor, materials,  
 equipment, tools, superintendence, and other facilities and accessories for the  
 construction of Ranchmen's Ditch Flood Control Project, Phase II, Part B  
 (the "Project") and Contract No. n/a, if appropriate, in  
 accordance with the Contract, Special Conditions, Special Provisions, General Contract  
 Conditions, Contract Drawings, Specifications and all other Contract Documents  
 therefor which are incorporated herein by reference and made a part hereof, and are  
 herein referred to as the "Contract".

NOW, THEREFORE, the conditions of this performance bond are such that if the  
 Contractor:

1. Promptly and faithfully observes, abides by and performs each and every covenant, condition and part of said Contract, including, but not limited to, its warranty provisions, in the time and manner prescribed in the Contract, and
2. Pays the City all losses, damages (liquidated or actual, including, but not limited to, damages caused by delays in performance of the Contract), expenses, costs and attorneys' fees, that the City sustains resulting from
3. any breach or default by the Contractor under the Contract,



then this bond is void; otherwise, it shall remain in full force and effect.

IN ADDITION, if said Contractor fails to duly pay for any labor, materials, team hire, sustenance, provisions, provender, or any other supplies used or consumed by said Contractor or its subcontractors in its performance of the Work contracted to be done or fails to pay any person who supplies rental machinery, tools, or equipment, all amounts due as the result of the use of such machinery, tools or equipment in the prosecution of the work, the Surety shall pay the same in an amount not exceeding the amount of this obligation, together with interest at the rate of eight percent per annum.

PROVIDED FURTHER, that the said Surety, for value received, hereby stipulates and agrees that any and all changes in the Contract or compliance or noncompliance with the formalities in the Contract for making such changes shall not affect the Surety's obligations under this bond and the Surety hereby waives notice of any such changes. Further, Contractor and Surety acknowledge that the penal sum of this bond shall increase in accordance with approved changes to the Contract Documents without obtaining the Surety's consent up to a maximum of 20 percent of the penal sum. Any additional increases in the penal sum shall require the Surety's consent.

IN WITNESS WHEREOF, said Contractor and said Surety have executed these presents as of this 18TH day of SEPTEMBER, 2008.

CONTRACTOR: Arapahoe Utilities & Infrastructure, Inc.  
dba A.U.I., Inc.

By: [Signature]

Title: CEO

ATTEST: [Signature]

Secretary

SURETY: Fidelity and Deposit Company of Maryland

By: [Signature]  
Florieta Acosta

Title: Attorney-In-Fact

(Accompany this Bond with the attorney-in-fact's authority from the surety to execute this Bond, certified to include the date of the Bond.)

PROVIDE FURTHER, that the said Surety, for value received, hereby stipulates and agrees that any and all changes in the Contract Documents, or compliance or noncompliance with the formalities in the Contract for making such changes shall not affect the Surety's obligations under this bond and the Surety hereby waives notice of any such changes. Further, Contractor and Surety acknowledge that the penal sum of this bond shall increase or decrease in accordance with approved changes to the Contract Documents without obtaining the Surety's consent up to a maximum of 20 percent of the penal sum. Any additional increases in the penal sum shall require the Surety's consent.

IN WITNESS WHEREOF, said Contractor and said Surety have executed these presents as of this 18TH day of SEPTEMBER, 2008.

CONTRACTOR: Arapahoe Utilities & Infrastructure, Inc.  
aba A.U.I., Inc.

By: [Signature]  
Title: CEO

ATTEST: [Signature]  
Secretary

SURETY: Fidelity and Deposit Company of Maryland

By: [Signature]  
Florieta Acosta  
Title: Attorney-In-Fact

(Accompany this Bond with the attorney-in-fact's authority from the surety to execute this Bond, certified to include the date of the Bond.)

**Power of Attorney**  
**FIDELITY AND DEPOSIT COMPANY OF MARYLAND**  
**COLONIAL AMERICAN CASUALTY AND SURETY COMPANY**

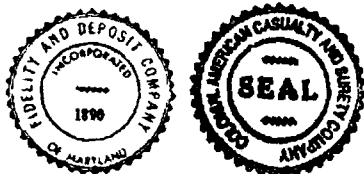
KNOW ALL MEN BY THESE PRESENTS: That the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, and the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, corporations of the State of Maryland, by WILLIAM J. MILLS, Vice President, and GERALD F. HALEY, Assistant Secretary, in pursuance of authority granted by Article VI, Section 2, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, does hereby nominate, constitute and appoint DiLynn GUERN, Susan J. LATTARULO, Florietta ACOSTA, Donald E. APPLEBY, Gloria C. BLACKBURN, J.R. RICHARDS, Kevin W. MCMAHON, Tiffany MCGONIGLE, Mark SWEIGART and Deanna M. ROBICHAUD, all of Denver, Colorado, EACH its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: ~~any and all bonds and undertakings~~, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its office in Baltimore, Md., in their own proper persons. This power of attorney revokes that issued on behalf of DiLynn GUERN, Susan J. LATTARULO, Florietta ACOSTA, Donald E. APPLEBY, Gloria C. BLACKBURN, J.R. RICHARDS, Kevin W. MCMAHON, Tiffany MCGONIGLE, Mark SWEIGART, dated September 26, 2007.

The said Assistant Secretary does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article VI, Section 2, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President and Assistant Secretary have hereunto subscribed their names and affixed the Corporate Seals of the said FIDELITY AND DEPOSIT COMPANY OF MARYLAND, and the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, this 28th day of January, A.D. 2008.

ATTEST:

**FIDELITY AND DEPOSIT COMPANY OF MARYLAND**  
**COLONIAL AMERICAN CASUALTY AND SURETY COMPANY**



*Gerald F. Haley*

Gerald F. Haley Assistant Secretary

By:

*William J. Mills*

William J. Mills

Vice President

State of Maryland }  
 City of Baltimore } ss:

On this 28th day of January, A.D. 2008, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, came WILLIAM J. MILLS, Vice President, and GERALD F. HALEY, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, and the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and they each acknowledged the execution of the same, and being by me duly sworn, severally and each for himself deposeth and saith, that they are the said officers of the Companies aforesaid, and that the seals affixed to the preceding instrument is the Corporate Seals of said Companies, and that the said Corporate Seals and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.



*Maria D. Adamski*

Maria D. Adamski

Notary Public

My Commission Expires: July 8, 2011

**EXTRACT FROM BY-LAWS OF FIDELITY AND DEPOSIT COMPANY OF MARYLAND**

“Article VI, Section 2. The Chairman of the Board, or the President, or any Executive Vice-President, or any of the Senior Vice-Presidents or Vice-Presidents specially authorized so to do by the Board of Directors or by the Executive Committee, shall have power, by and with the concurrence of the Secretary or any one of the Assistant Secretaries, to appoint Resident Vice-Presidents, Assistant Vice-Presidents and Attorneys-in-Fact as the business of the Company may require, or to authorize any person or persons to execute on behalf of the Company any bonds, undertaking, recognizances, stipulations, policies, contracts, agreements, deeds, and releases and assignments of judgements, decrees, mortgages and instruments in the nature of mortgages,...and to affix the seal of the Company thereto.”

**EXTRACT FROM BY-LAWS OF COLONIAL AMERICAN CASUALTY AND SURETY COMPANY**

“Article VI, Section 2. The Chairman of the Board, or the President, or any Executive Vice-President, or any of the Senior Vice-Presidents or Vice-Presidents specially authorized so to do by the Board of Directors or by the Executive Committee, shall have power, by and with the concurrence of the Secretary or any one of the Assistant Secretaries, to appoint Resident Vice-Presidents, Assistant Vice-Presidents and Attorneys-in-Fact as the business of the Company may require, or to authorize any person or persons to execute on behalf of the Company any bonds, undertaking, recognizances, stipulations, policies, contracts, agreements, deeds, and releases and assignments of judgements, decrees, mortgages and instruments in the nature of mortgages,...and to affix the seal of the Company thereto.”

**CERTIFICATE**

I, the undersigned, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, and the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that the Vice-President who executed the said Power of Attorney was one of the additional Vice-Presidents specially authorized by the Board of Directors to appoint any Attorney-in-Fact as provided in Article VI, Section 2, of the respective By-Laws of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, and the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990 and of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed."

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies,

this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.



Assistant Secretary

<b>ACORD™ CERTIFICATE OF LIABILITY INSURANCE</b>		DATE (MM/DD/YYYY) 09/19/08
PRODUCER <b>HRH of Colorado</b> 720 South Colorado Boulevard Suite 600N Denver, CO 80246	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.	
INSURED <b>Arapahoe Utilities &amp; Infrastructure, Inc</b> A.U.I., Inc. 14251 E. Fremont Ave, #E Englewood, CO 80112	INSURERS AFFORDING COVERAGE	NAIC #
	INSURER A: <b>Travelers Indemnity Company of Ameri</b>	<b>25666</b>
	INSURER B: <b>St. Paul Fire and Marine Insurance C</b>	<b>24767</b>
	INSURER C: <b>Pinnacol Assurance</b>	<b>41190</b>
	INSURER D: <b>Travelers Insurance</b>	<b>39357</b>
	INSURER E: <b>Travelers Property Casualty Company</b>	<b>36161</b>

**COVERAGES**

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
<b>A</b>	<b>GENERAL LIABILITY</b>	<b>DTCO7675B851TIA08</b>	<b>07/01/08</b>	<b>07/01/09</b>	EACH OCCURRENCE <b>\$1,000,000</b>
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence) <b>\$300,000</b>
	<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person) <b>\$5,000</b>
	<b>A# CG D2 46 (08/05)</b>				PERSONAL & ADV INJURY <b>\$1,000,000</b>
	GEN'L AGGREGATE LIMIT APPLIES PER:				GENERAL AGGREGATE <b>\$2,000,000</b>
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC				PRODUCTS - COMP/OP AGG <b>\$2,000,000</b>
<b>E</b>	<b>AUTOMOBILE LIABILITY</b>	<b>DT8107675B851TIA08</b>	<b>07/01/08</b>	<b>07/01/09</b>	COMBINED SINGLE LIMIT (Ea accident) <b>\$1,000,000</b>
	<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident) \$
	<input checked="" type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS				
	<input checked="" type="checkbox"/> NON-OWNED AUTOS				
	<input checked="" type="checkbox"/> <b>Ltd Pollution</b>				
	<b>GARAGE LIABILITY</b>				AUTO ONLY - EA ACCIDENT \$
	<input type="checkbox"/> ANY AUTO				OTHER THAN AUTO ONLY: EA ACC \$
					AGG \$
<b>B</b>	<b>EXCESS/UMBRELLA LIABILITY</b>	<b>QK08300383</b>	<b>07/01/08</b>	<b>07/01/09</b>	EACH OCCURRENCE <b>\$5,000,000</b>
	<input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE				AGGREGATE <b>\$5,000,000</b>
	<input type="checkbox"/> DEDUCTIBLE				\$
	<input checked="" type="checkbox"/> RETENTION <b>\$ 10,000</b>				\$
<b>C</b>	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>	<b>4070420</b>	<b>07/01/08</b>	<b>07/01/09</b>	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?				E.L. EACH ACCIDENT <b>\$500,000</b>
	If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - EA EMPLOYEE <b>\$500,000</b>
					E.L. DISEASE - POLICY LIMIT <b>\$500,000</b>
<b>D</b>	<b>OTHER BBR</b>	<b>QT6605344C435TIL08</b>	<b>07/01/08</b>	<b>07/01/09</b>	<b>Blanket Builders Risk</b>
	<b>\$2,500 Ded</b>				<b>\$5,000,000 NC Limit</b>
	<b>\$2,500 Ded</b>				<b>\$1,000,000 Frame Limit</b>

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

**REVISED CERTIFICATE: All previously issued certificates are null and void for this Certificate Holder/Project.**

**Project Description: Ranchmen's Ditch Flood Control, Phase I (See Attached Descriptions)**

**CERTIFICATE HOLDER**

**City of Grand Junction**  
**Department of Public Works and Utilities**  
**Attn: David R. Donhue, Project Engineer**  
**250 North Fifth Street**  
**Grand Junction, CO 81501**

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30\* DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

*Craig A. Merten*

## **IMPORTANT**

If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

## **DISCLAIMER**

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

## DESCRIPTIONS (Continued from Page 1)

The following are Additional Insureds as respects General Liability only if required by written contract and coverage applies only as respects work performed by the Insured for the Additional Insureds. All coverage terms, conditions and exclusions of the policy apply.

The following are Additional Insureds on the Automobile Liability only to the extent they meet the definition of an insured in the policy, which provides in pertinent part that an insured includes anyone liable for the conduct of an insured but only to the extent of that liability. All coverage terms, conditions and exclusions of the policy apply. Consult the policy to determine the extent of coverage, if any.

The following are Additional Insureds as respects Builder's Risk/Installation Floater Coverage only if required by written contract and coverage applies only as respects work performed by the Insured for the Additional Insureds. All coverage terms, conditions and exclusions of the policy apply.

**Additional Insureds: City of Grand Junction**

The Additional Insured endorsement which is referenced above under "Type of Insurance-General Liability" is attached.

With respect to the above noted project, the General Liability one million dollar limit per occurrence and two million dollar limit aggregate are not impaired by any outstanding claims.

This Certificate of Insurance represents coverage currently in effect and may or may not be in compliance with any written contract.

\* The following cancellation conditions always apply:

- 10 days for non-payment of premium
- If policy shown, 10 days for Workers' Compensation for fraud; material misrepresentation; non-payment of premium; other reasons approved by the Commissioner of Insurance

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY

## BLANKET ADDITIONAL INSURED (CONTRACTORS)

This endorsement modifies insurance provided under the following:  
COMMERCIAL GENERAL LIABILITY COVERAGE PART

1. WHO IS AN INSURED – (Section II) is amended to include any person or organization that you agree in a "written contract requiring insurance" to include as an additional insured on this Coverage Part, but:
  - a) Only with respect to liability for "bodily injury", "property damage" or "personal injury"; and
  - b) If, and only to the extent that, the injury or damage is caused by acts or omissions of you or your subcontractor in the performance of "your work" to which the "written contract requiring insurance" applies. The person or organization does not qualify as an additional insured with respect to the independent acts or omissions of such person or organization.
2. The insurance provided to the additional insured by this endorsement is limited as follows:
  - a) In the event that the Limits of Insurance of this Coverage Part shown in the Declarations exceed the limits of liability required by the "written contract requiring insurance", the insurance provided to the additional insured shall be limited to the limits of liability required by that "written contract requiring insurance". This endorsement shall not increase the limits of insurance described in Section III – Limits Of Insurance.
  - b) The insurance provided to the additional insured does not apply to "bodily injury", "property damage" or "personal injury" arising out of the rendering of, or failure to render, any professional architectural, engineering or surveying services, including:
    - i. The preparing, approving, or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders or change orders, or the preparing, approving, or failing to prepare or approve, drawings and specifications; and
    - ii. Supervisory, inspection, architectural or engineering activities.
- c) The insurance provided to the additional insured does not apply to "bodily injury" or "property damage" caused by "your work" and included in the "products-completed operations hazard" unless the "written contract requiring insurance" specifically requires you to provide such coverage for that additional insured, and then the insurance provided to the additional insured applies only to such "bodily injury" or "property damage" that occurs before the end of the period of time for which the "written contract requiring insurance" requires you to provide such coverage or the end of the policy period, whichever is earlier.
3. The insurance provided to the additional insured by this endorsement is excess over any valid and collectible "other insurance", whether primary, excess, contingent or on any other basis, that is available to the additional insured for a loss we cover under this endorsement. However, if the "written contract requiring insurance" specifically requires that this insurance apply on a primary basis or a primary and non-contributory basis, this insurance is primary to "other insurance" available to the additional insured which covers that person or organization as a named insured for such loss, and we will not share with that "other insurance". But the insurance provided to the additional insured by this endorsement still is excess over any valid and collectible "other insurance", whether primary, excess, contingent or on any other basis, that is available to the additional insured when that person or organization is an additional insured under such "other insurance".
4. As a condition of coverage provided to the additional insured by this endorsement:
  - a) The additional insured must give us written notice as soon as practicable of an "occurrence" or an offense which may result in a claim. To the extent possible, such notice should include:





## COMMERCIAL GENERAL LIABILITY

- i. How, when and where the "occurrence" or offense took place;
  - ii. The names and addresses of any injured persons and witnesses; and
  - iii. The nature and location of any injury or damage arising out of the "occurrence" or offense.
- b) If a claim is made or "suit" is brought against the additional insured, the additional insured must:
- i. Immediately record the specifics of the claim or "suit" and the date received; and
  - ii. Notify us as soon as practicable.
- The additional insured must see to it that we receive written notice of the claim or "suit" as soon as practicable.
- c) The additional insured must immediately send us copies of all legal papers received in connection with the claim or "suit", cooperate with us in the investigation or settlement of the claim or defense against the "suit", and otherwise comply with all policy conditions.
  - d) The additional insured must tender the defense and indemnity of any claim or "suit" to

any provider of "other insurance" which would cover the additional insured for a loss we cover under this endorsement. However, this condition does not affect whether the insurance provided to the additional insured by this endorsement is primary to "other insurance" available to the additional insured which covers that person or organization as a named insured as described in paragraph 3. above.

### 5. The following definition is added to SECTION V. - DEFINITIONS:

"Written contract requiring insurance" means that part of any written contract or agreement under which you are required to include a person or organization as an additional insured on this Coverage Part, provided that the "bodily injury" and "property damage" occurs and the "personal injury" is caused by an offense committed:

- a. After the signing and execution of the contract or agreement by you;
- b. While that part of the contract or agreement is in effect; and
- c. Before the end of the policy period.

<b>ACORD™ CERTIFICATE OF LIABILITY INSURANCE</b>		DATE (MM/DD/YYYY) 09/09/08
PRODUCER <b>HRH of Colorado</b> 720 South Colorado Boulevard Suite 600N Denver, CO 80246	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.	
INSURED <b>Arapahoe Utilities &amp; Infrastructure, Inc</b> <b>A.U.I., Inc.</b> 14251 E. Fremont Ave, #E Englewood, CO 80112	<b>INSURERS AFFORDING COVERAGE</b>	
	INSURER A: <b>Travelers Indemnity Company of Ameri</b>	<b>25666</b>
	INSURER B: <b>St. Paul Fire and Marine Insurance C</b>	<b>24767</b>
	INSURER C: <b>Pinnacol Assurance</b>	<b>41190</b>
	INSURER D: <b>Travelers Insurance</b>	<b>39357</b>
	INSURER E: <b>Travelers Property Casualty Company</b>	<b>36161</b>

**COVERAGES**

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A		GENERAL LIABILITY	DTCO7675B851TIA08	07/01/08	07/01/09	EACH OCCURRENCE	\$1,000,000
		<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence)	\$300,000
		<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person)	\$5,000
		<b>Al# CG D2 46 (08/05)</b>				PERSONAL & ADV INJURY	\$1,000,000
		GEN'L AGGREGATE LIMIT APPLIES PER:				GENERAL AGGREGATE	\$2,000,000
		<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC				PRODUCTS - COMP/OP AGG	\$2,000,000
E		AUTOMOBILE LIABILITY	DT8107675B851TIA08	07/01/08	07/01/09	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000
		<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (Per person)	\$
		<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident)	\$
		<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident)	\$
		<input checked="" type="checkbox"/> HIRED AUTOS					
<input checked="" type="checkbox"/> NON-OWNED AUTOS							
<input checked="" type="checkbox"/> <b>Ltd Pollution</b>							
		GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	\$
		<input type="checkbox"/> ANY AUTO				OTHER THAN EA ACC	\$
						AUTO ONLY: AGG	\$
B		EXCESS/UMBRELLA LIABILITY	QK08300383	07/01/08	07/01/09	EACH OCCURRENCE	\$5,000,000
		<input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE				AGGREGATE	\$5,000,000
		<input type="checkbox"/> DEDUCTIBLE					\$
		<input checked="" type="checkbox"/> RETENTION \$ 10,000					\$
							\$
C		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	4070420	07/01/08	07/01/09	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER	
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?				E.L. EACH ACCIDENT	\$500,000
		If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - EA EMPLOYEE	\$500,000
						E.L. DISEASE - POLICY LIMIT	\$500,000
D		OTHER BBR	QT6605344C435TIL08	07/01/08	07/01/09	<b>Blanket Builders Risk</b>	
		\$2,500 Ded				\$5,693,185 NC Limit	
		\$2,500 Ded				\$1,000,000 Frame Limit	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

**Project Description: Ranchmen's Ditch Flood Control, Phase I**

The following are Additional Insureds as respects General Liability only if required by written contract and coverage applies only as respects (See Attached Descriptions)

<b>CERTIFICATE HOLDER</b>  City of Grand Junction Department of Public Works and Utilities Attn: David R. Donhue, Project Engineer 250 North Fifth Street Grand Junction, CO 81501	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL <u>30*</u> DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.  AUTHORIZED REPRESENTATIVE <i>Craig A. Merten</i>
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## DESCRIPTIONS (Continued from Page 1)

work performed by the Insured for the Additional Insureds. All coverage terms, conditions and exclusions of the policy apply.

The following are Additional Insureds on the Automobile Liability only to the extent they meet the definition of an insured in the policy, which provides in pertinent part that an insured includes anyone liable for the conduct of an insured but only to the extent of that liability. All coverage terms, conditions and exclusions of the policy apply. Consult the policy to determine the extent of coverage, if any.

The following are Additional Insureds as respects Builder's Risk/Installation Floater Coverage only if required by written contract and coverage applies only as respects work performed by the Insured for the Additional Insureds. All coverage terms, conditions and exclusions of the policy apply.

**Additional Insureds: City of Grand Junction**

The Additional Insured endorsement which is referenced above under "Type of Insurance-General Liability" is attached.

This Certificate of Insurance represents coverage currently in effect and may or may not be in compliance with any written contract.

\* The following cancellation conditions always apply:

- 10 days for non-payment of premium
- If policy shown, 10 days for Workers' Compensation for fraud; material misrepresentation; non-payment of premium; other reasons approved by the Commissioner of Insurance

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY

## BLANKET ADDITIONAL INSURED (CONTRACTORS)

This endorsement modifies insurance provided under the following:

### COMMERCIAL GENERAL LIABILITY COVERAGE PART

1. WHO IS AN INSURED – (Section II) is amended to include any person or organization that you agree in a "written contract requiring insurance" to include as an additional insured on this Coverage Part, but:
  - a) Only with respect to liability for "bodily injury", "property damage" or "personal injury"; and
  - b) If, and only to the extent that, the injury or damage is caused by acts or omissions of you or your subcontractor in the performance of "your work" to which the "written contract requiring insurance" applies. The person or organization does not qualify as an additional insured with respect to the independent acts or omissions of such person or organization.
2. The insurance provided to the additional insured by this endorsement is limited as follows:
  - a) In the event that the Limits of Insurance of this Coverage Part shown in the Declarations exceed the limits of liability required by the "written contract requiring insurance", the insurance provided to the additional insured shall be limited to the limits of liability required by that "written contract requiring insurance". This endorsement shall not increase the limits of insurance described in Section III – Limits Of Insurance.
  - b) The insurance provided to the additional insured does not apply to "bodily injury", "property damage" or "personal injury" arising out of the rendering of, or failure to render, any professional architectural, engineering or surveying services, including:
    - i. The preparing, approving, or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders or change orders, or the preparing, approving, or failing to prepare or approve, drawings and specifications; and
    - ii. Supervisory, inspection, architectural or engineering activities.
3. The insurance provided to the additional insured by this endorsement is excess over any valid and collectible "other insurance", whether primary, excess, contingent or on any other basis, that is available to the additional insured for a loss we cover under this endorsement. However, if the "written contract requiring insurance" specifically requires that this insurance apply on a primary basis or a primary and non-contributory basis, this insurance is primary to "other insurance" available to the additional insured which covers that person or organization as a named insured for such loss, and we will not share with that "other insurance". But the insurance provided to the additional insured by this endorsement still is excess over any valid and collectible "other insurance", whether primary, excess, contingent or on any other basis, that is available to the additional insured when that person or organization is an additional insured under such "other insurance".
4. As a condition of coverage provided to the additional insured by this endorsement:
  - a) The additional insured must give us written notice as soon as practicable of an "occurrence" or an offense which may result in a claim. To the extent possible, such notice should include:
    - c) The insurance provided to the additional insured does not apply to "bodily injury" or "property damage" caused by "your work" and included in the "products-completed operations hazard" unless the "written contract requiring insurance" specifically requires you to provide such coverage for that additional insured, and then the insurance provided to the additional insured applies only to such "bodily injury" or "property damage" that occurs before the end of the period of time for which the "written contract requiring insurance" requires you to provide such coverage or the end of the policy period, whichever is earlier.



## COMMERCIAL GENERAL LIABILITY

- i. How, when and where the "occurrence" or offense took place;
  - ii. The names and addresses of any injured persons and witnesses; and
  - iii. The nature and location of any injury or damage arising out of the "occurrence" or offense.
- b) If a claim is made or "suit" is brought against the additional insured, the additional insured must:
- i. Immediately record the specifics of the claim or "suit" and the date received; and
  - ii. Notify us as soon as practicable.

The additional insured must see to it that we receive written notice of the claim or "suit" as soon as practicable.

- c) The additional insured must immediately send us copies of all legal papers received in connection with the claim or "suit", cooperate with us in the investigation or settlement of the claim or defense against the "suit", and otherwise comply with all policy conditions.
- d) The additional insured must tender the defense and indemnity of any claim or "suit" to

any provider of "other insurance" which would cover the additional insured for a loss we cover under this endorsement. However, this condition does not affect whether the insurance provided to the additional insured by this endorsement is primary to "other insurance" available to the additional insured which covers that person or organization as a named insured as described in paragraph 3. above.

5. The following definition is added to SECTION V. - DEFINITIONS:

"Written contract requiring insurance" means that part of any written contract or agreement under which you are required to include a person or organization as an additional insured on this Coverage Part, provided that the "bodily injury" and "property damage" occurs and the "personal injury" is caused by an offense committed:

- a. After the signing and execution of the contract or agreement by you;
- b. While that part of the contract or agreement is in effect; and
- c. Before the end of the policy period.

# CHANGE ORDER

Number 1

Date: December 4, 2008  
To: Arapahoe Utilities & Infrastructure  
From: City of Grand Junction, Department of Public Works and Utilities  
Project: Ranchmen's Ditch Flood Control Project, Phase II, Part B

It is agreed to modify the Contract for the Project as follows:

Change Order No. 1 adjusts quantity and price for Pit Run as per agreement, without changing the extended price. CO1 also provides for prepayment of partial quantities of 78, 90, and 96 inch RCP. Pre-paid quantities now have established prepayment material prices and installation-only prices. Quantities of large diameter RCP that are not prepaid remain as established in the Original Contract. Retainage is calculated with the exclusion of prepaid pipe costs.

Summary of Contract price adjustments - itemized on the attached sheet(s):

Original Contract Amount	\$5,693,185.00
Approved Change Orders	0.00
This Change Order	0.00
Revised Contract Amount	<u>\$5,693,185.00</u>

Summary of Contract time adjustments:

Original Contract Time	221.	Cal. Days
Approved Change Orders	0.	
This Change Order	0.	
Revised Contract Time	<u>221.</u>	Cal. Days

Construction Start Date: September 23, 2008  
Contract Completion Date: May 1, 2009

This modification constitutes compensation in full for all costs and mark-ups directly and/or indirectly attributable to the changes ordered herein, for all delays, impacts and disruptions related thereto and for performance of the changes within the Contract Time.

Owner: **City of Grand Junction**

Prepared by: David Donohue  
David Donohue, Project Engineer

Date: 12/10/08

Recommended by: \_\_\_\_\_

Date: \_\_\_\_\_

Approved by: Bret Guillory  
Bret Guillory, Utility Engineer

Date: 12/10/08

Contractor: **Arapahoe Utilities & Infrastructure**

Signature: Josh Livermore

Date: 12/10/08

Name and Title: JOSH LIVERMORE, PROJECT MGR.

Ranchmen's Ditch Flood Control Project, Phase II, Part B											December 4, 2008		CC date:
Change Order No. 1											1		
											Change Order No. 1		
											Date:		4-Dec-08
Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	Change	Quantity	Extended Price
Original Contract			Revised										
Construction Period			221	Cal. Days	---	---	221	Cal. Days	---	---	-	221	---
1	202	FULL DEPTH REMOVAL OF ASPHALT MAT. MILL OR CUT AND REMOVE AS SHOWN. PER SY.	1,600	SY	\$ 8.00	\$ 12,800.00	1600	SY	\$ 8.00	\$ 12,800.00		1,600	12,800.00
3	202	REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO SIDEWALK, MONOLITHIC CG&SW, MEDIAN, SLABS, V-PAN, APRONS, AND OTHER AREA CONCRETE SURFACES. DOES NOT INCLUDE CURB OR CURB AND GUTTER.	600	SY	\$ 13.00	\$ 7,800.00	600	SY	\$ 13.00	\$ 7,800.00		600	7,800.00
3B	202	REMOVAL OF CONCRETE CURB AND CURB & GUTTER. WIDTH VARIES. (PER L.F.)	2,000	LF	\$ 7.00	\$ 14,000.00	2000	LF	\$ 7.00	\$ 14,000.00		2,000	14,000.00
4	202	REMOVAL OF TREE (SIZE AS SHOWN ON PLAN)	15	EA	\$ 150.00	\$ 2,250.00	15	EA	\$ 150.00	\$ 2,250.00		15	2,250.00
5	202	REMOVAL OF BUSH	40	EA	\$ 28.00	\$ 1,120.00	40	EA	\$ 28.00	\$ 1,120.00		40	1,120.00
15	202	REMOVAL OF PIPE AS SHOWN. (DIA 30" OR LESS). PER LF	300	LF	\$ 10.00	\$ 3,000.00	300	LF	\$ 10.00	\$ 3,000.00		300	3,000.00
15B	202	REMOVAL OF PIPE AS SHOWN (DIA/SPAN > 30," SIZE AND TYPE AS SHOWN ON PLAN).	900	LF	\$ 16.00	\$ 14,400.00	900	LF	\$ 16.00	\$ 14,400.00		900	14,400.00
15C	202	REMOVAL OF STRUCTURAL CONCRETE. PER SF OF AREA PER SF OF THICKNESS (THICKNESS LESS THAN 1 FOOT MEASURED AS ONE FT THICKNESS). WALL THICKNESS VARIES. QTY DETERMINATION. EX.: 4X4X4 FT BOX, 1 FT THICK = 76SF.	2,700	SF-FOOT	\$ 4.00	\$ 10,800.00	2700	SF-FOOT	\$ 4.00	\$ 10,800.00		2,700	10,800.00
16	202	REMOVAL OF MANHOLE OR CONCRETE IRRIGATION BOX. SALVAGE RING AND COVER/GRATE AND DELIVER TO CITY SHOPS.	4	EA	\$ 1,200.00	\$ 4,800.00	4	EA	\$ 1,200.00	\$ 4,800.00		4	4,800.00

Ranchmen's Ditch Flood Control Project, Phase II, Part B											December 4, 2008		CC date:
Change Order No. 1											1		1
											Change Order No. 1		
											Date:		4-Dec-08
Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	Change	Quantity	Extended Price
			Original Contract				Revised						
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	Change	Quantity	Extended Price
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-	221	---
23	210	RESET LANDSCAPE APPURTENANCE. (TYPE AS SHOWN ON PLAN)	17.	EA	\$ 290.00	\$ 4,930.00	17	EA	\$ 290.00	\$ 4,930.00		17	4,930.00
100	210	RESET LANDSCAPE GROUND COVER (DECORATIVE ROCK, BARK, WOODCHIPS, ETC.). 2" MIN., MATCH EXISTING THICKNESS, SIZE, AND TYPE. STOCKPILE AND REUSE IF FREE OF DITIRUS, OR PROVIDE NEW. WEED BARRIER REQUIRED (INCIDENTAL). (PER SQ YD)	100.	SY	\$ 7.00	\$ 700.00	100	SY	\$ 7.00	\$ 700.00		100	700.00
102	210	RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)	50.	LF	\$ 76.00	\$ 3,800.00	50	LF	\$ 76.00	\$ 3,800.00		50	3,800.00
102A	210	RESET DECORATIVE FENCE (INCLUDES RESET OF ELECTRIC SERVICE).	40.	LF	\$ 110.00	\$ 4,400.00	40	LF	\$ 110.00	\$ 4,400.00		40	4,400.00
107	210	RESET FIRE HYDRANT.	2.	EA	\$ 830.00	\$ 1,660.00	2	EA	\$ 830.00	\$ 1,660.00		2	1,660.00
109	210	RESET GATE (MATCH HEIGHT, WIDTH, MATERIAL).	30.	LF	\$ 99.00	\$ 2,970.00	30	LF	\$ 99.00	\$ 2,970.00		30	2,970.00
116	210	RESET GUARD RAIL	50.	LF	\$ 170.00	\$ 8,500.00	50	LF	\$ 170.00	\$ 8,500.00		50	8,500.00
119	202/210	REMOVE AND RESET PARKING LOT LIGHT. PER EA.	3.	EA	\$ 2,500.00	\$ 7,500.00	3	EA	\$ 2,500.00	\$ 7,500.00		3	7,500.00
125	210	RESET PARKING BUMPER.	30.	EA	\$ 16.00	\$ 480.00	30	EA	\$ 16.00	\$ 480.00		30	480.00
127	210	RESET MANHOLE/CATCH BASIN. INCLUDES RE-CONNECTION OF LATERALS. MATCH EXISTING INVERTS/RIM ELEV UNLESS SPECIFIED OTHERWISE.	4.	EA	\$ 660.00	\$ 2,640.00	4	EA	\$ 660.00	\$ 2,640.00		4	2,640.00
128	210	RESET MARQUIS SIGN. INCLUDES RECONNECTION OF ELECTRIC SERVICE BY LICENSED ELECTRICIAN. REQUIRES SUBMITTAL OF SHOP DRAWINGS FOR SIGN BASE/PEDESTAL STAMPED BY LICENSED P.E.	2.	EA	\$ 1,100.00	\$ 2,200.00	2	EA	\$ 1,100.00	\$ 2,200.00		2	2,200.00



Ranchmen's Ditch Flood Control Project, Phase II, Part B											December 4, 2008		CC date:	
Change Order No. 1											1		Change Order No. 1	
											Date:		4-Dec-08	
Item No.	CDOT, City Ref.	Description	Original Contract				Revised				Change	Quantity	Extended Price	
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price				
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-	221	---	
129	210	210 - RESET IRRIGATION PUMP. INCLUDES RESET OF ELECTRICAL, PIPING, CONCRETE PAD, AND PROTECTIVE COVER/SHELTER.	2	EA	\$ 4,700.00	\$ 9,400.00	2	EA	\$ 4,700.00	\$ 9,400.00		2	9,400.00	
131	210	RESET BOLLARD	6	EA	\$ 56.00	\$ 336.00	6	EA	\$ 56.00	\$ 336.00		6	336.00	
132	102/210/ 103/104/ 108	RESET MANHOLE. INCLUDES REMOVAL OF BASE TO FACILITATE ACCESS TO CONDUITS AND INSTALLATION OF NEW BASE WITH CONNECTION TO CONDUITS. GRADES SHALL MATCH EXISTING UNLESS INDICATED OTHERWISE ON PLANS.	1	EA	\$ 660.00	\$ 660.00	1	EA	\$ 660.00	\$ 660.00		1	660.00	
200	102.11/1 08.5	STORM SEWER BASIC MANHOLE (48" I.D.) INCLUDES CONNECTION OF ADJACENT STORM SEWER LINES, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL D-03).	5	EA	\$ 3,200.00	\$ 16,000.00	5	EA	\$ 3,200.00	\$ 16,000.00		5	16,000.00	
202	102.11/1 08.5	MANHOLE BARREL SECTION (D > 5')(48" I.D.).	20	VLF	\$ 720.00	\$ 14,400.00	20	VLF	\$ 720.00	\$ 14,400.00		20	14,400.00	
209	102.13/1 08.6	CURB INLET, TYPE R, TRIPLE (15 FT LONG CURB OPENING, H = 5 FT), AS PER CDOT STANDARD PLAN NO. M-604-12.	9	EA	\$ 8,000.00	\$ 72,000.00	9	EA	\$ 8,000.00	\$ 72,000.00		9	72,000.00	
210	102.13/1 08.6	SMALL AREA INLET. INCLUDES DIRECT CONNECTION TO TOP OF STORM SEWER MAIN, INCLUDING CUTTING HOLE INTO MAIN, NO. 5 DOWELS FROM INLET BOX INTO MAIN AT 12" O.C., AND CONCRETE COLLAR AT CONNECTION.	2	EA	\$ 2,200.00	\$ 4,400.00	2	EA	\$ 2,200.00	\$ 4,400.00		2	4,400.00	
223	102.10/1 08.2	24" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	70	LF	\$ 85.00	\$ 5,950.00	70	LF	\$ 85.00	\$ 5,950.00		70	5,950.00	

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---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-	221	---	
224	102.10/1 08.2	30" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	15	LF	\$ 130.00	\$ 1,950.00	15	LF	\$ 130.00	\$ 1,950.00		15	1,950.00	
224B	102.10/1 08.2	36" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	100	LF	\$ 310.00	\$ 31,000.00	100	LF	\$ 310.00	\$ 31,000.00		100	31,000.00	
224C	102.10/1 08.2	48" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	16	LF	\$ 210.00	\$ 3,360.00	16	LF	\$ 210.00	\$ 3,360.00		16	3,360.00	
245	102.10C/ 108.2	10" ASTM D2241 PVC 160 PSI (SDR-26) PRESSURE PIPE (IPS). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16. THRUST BLOCKS AND TRACING WIRE REQUIRED AS PER STD. DETAILS (INCIDENTAL)	4,700	LF	\$ 34.00	\$ 159,800.00	4700	LF	\$ 34.00	\$ 159,800.00		4,700	159,800.00	
256	102/108. 3	INSTALL 18" INLINE CHECK VALVE. TIDEFLEX SERIES 37-G INSERTABLE (POLYURETHANE RUBBER). OUTFLOW END OF CHECKVALVE SHALL NOT PROTRUDE INTO STORM MAIN.	3	EA	\$ 7,000.00	\$ 21,000.00	3	EA	\$ 7,000.00	\$ 21,000.00		3	21,000.00	

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257	102/108	CONNECT LATERAL TO STORM SEWER MAIN/MANHOLE. DIA. OF LATERAL = 24" OR LESS. DIA. OF MAIN VARIES. INCLUDES CUTTING HOLE IN MAIN AND SEALING IN MAIN WITH WATERSTOP RX AND NON-SHRINK GROUT. LATERAL OUTFALL SHALL BE FLUSH WITH INSIDE WALL OF MAIN.	33	EA	\$ 570.00	\$ 18,810.00	33	EA	\$ 570.00	\$ 18,810.00		33	18,810.00
257B	102/108	CONNECT LATERAL TO STORM SEWER MAIN. DIA. OF LATERAL > 24." DIA. OF MAIN VARIES. INCLUDES CUTTING HOLE IN MAIN. EXPOSING REINFORCING IN MAIN AND WELDING MAIN REINFORCING TO LATERAL REINFORCING, AND MORTORING JOINT WITH LOW-SLUMP CLASS D CONCRETE. WALL THICKNESS AT JOINT SHALL MATCH EXISTING WALL THICKNESS. FILLET AT OUTSIDE EDGE OF JOINT SHALL BE 9" RADIUS.	2	EA	\$ 770.00	\$ 1,540.00	2	EA	\$ 770.00	\$ 1,540.00		2	1,540.00
257C	102/108	CONNECT LATERAL 4' SPAN X 2' RISE RCB (OR CMB) TO 90" RCP. RCB TO BE ASTM C1433. RCB/CMB PAID FOR SEPERATELY. CONNECTION CAN BE FABRICATED IN SHOP OR FIELD. REQUIRES CONNECTION OF REINFORCEMENT STEEL IN RCB TO REINFORCEMENT STEEL IN RCP. SHOP DRAWINGS STAMPED BY PE SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. FILLET AT INSIDE EDGE OF JOINT SHALL BE 6" RADIUS.	1	EA	\$ 6,700.00	\$ 6,700.00	1	EA	\$ 6,700.00	\$ 6,700.00		1	6,700.00

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258	102.10/1 08.2	INSTALL IRRIGATION MAIN/LATERAL CONDUIT (PVC, 1" TO 4" DIA.) TO REPAIR LINES CUT/REMOVED FURING TRENCHING. IRRIGATION MAINS AND LATERALS GENERALLY NOT LOCATED OR SHOWN ON PLANS. INCLUDES REPAIR COUPLINGS. REMOVAL OF DAMAGED/CUT IRRIGATION CONDUIT IS INCIDENTAL TO THIS PAY ITEM.	300.	LF	\$ 6.00	\$ 1,800.00	300	LF	\$ 6.00	\$ 1,800.00		300	1,800.00	
259	102.10/1 08.2	INSTALL SPRINKLER-HEAD DISTRIBUTION CONDUIT (<1" DIA.)(MATCH EXISTING CONDUIT TYPE)(INCLUDES FITTINGS TEES, BENDS, AND TAPS TO LATERALS)	200.	LF	\$ 45.00	\$ 9,000.00	200	LF	\$ 45.00	\$ 9,000.00		200	9,000.00	
260	102.10/1 08.2	RESET SPRINKLER HEAD; SAVE AND REUSE EXISTING IF UNDAMAGED OR INSTALL NEW. MATCH EXISTING SIZE AND TYPE. SIZE AND TYPE VARY. INCLUDES FITTINGS. NOT ALL HEADS SHOWN ON PLANS. CONTRACTOR SHALL FIELD LOCATE AND RESET IN SAME LOCATION AND ORIENTATION. PER EA.	20.	EA	\$ 36.00	\$ 720.00	20	EA	\$ 36.00	\$ 720.00		20	720.00	
261	102.10/1 08.3	TEE FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(MATCH EXISTING). PER EA.	20.	EA	\$ 4.50	\$ 90.00	20	EA	\$ 4.50	\$ 90.00		20	90.00	
262	102.10/1 08.3	CROSS FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(MATCH EXISTING). PER EA.	10.	EA	\$ 4.00	\$ 40.00	10	EA	\$ 4.00	\$ 40.00		10	40.00	
263	102.10/1 08.3	ELBOW FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(ANGLE OF BEND VARIES)(MATCH EXISTING). PER EA.	30.	EA	\$ 4.50	\$ 135.00	30	EA	\$ 4.50	\$ 135.00		30	135.00	

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264	102.10/108.3	REDUCER FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(DIMENSIONS OF REDUCER VARY)(MATCH EXISTING). PER EA.	10.	EA	\$ 4.50	\$ 45.00	10	EA	\$ 4.50	\$ 45.00		10	45.00
267	102.9/108.2	16" CASING PIPE (165 PSI C-905 PVC)(INCLUDES CASING SPACERS, END SEALS, AND JOINT RESTRAINT ON CASING PIPE)	55.	LF	\$ 86.00	\$ 4,730.00	55	LF	\$ 86.00	\$ 4,730.00		55	4,730.00
269A	UU	BYPASS PUMPING (RANCHMEN'S DITCH TO OVERPASS CANAL AT HORIZON GLEN)	1.	LS	\$ 110,000.00	\$ 110,000.00	1	LS	\$ 110,000.00	\$ 110,000.00		1	110,000.00
269B	UU	BYPASS PUMPING (BEEHIVE DRAIN CROSSING AT F 1/2 RD. TO GVIC CANAL)	1.	LS	\$ 20,000.00	\$ 20,000.00	1	LS	\$ 20,000.00	\$ 20,000.00		1	20,000.00
270	102/108.2/706.03	STORM DRAIN PIPE (78" RCP, TONGUE AND GROOVE, GASKETED, WALL-C, ASTM C 76/C 443, CLASS II). PER LF.	620.	LF	\$ 410.00	\$ 254,200.00	84	LF	\$ 410.00	\$ 34,440.00	\$ (219,760.00)	84	34,440.00
		COMPLETE ONLY ONE OF THE FOLLOWING TWO:											
271	102/108.2/706.03	STORM DRAIN PIPE (90" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	7,300.	LF	\$ 303.00	\$ 2,211,900.00	4100	LF	\$ 303.00	\$ 1,242,300.00	\$ (969,600.00)	4,100	1,242,300.00
271	102/108.2/707	STORM DRAIN PIPE (90" CONTECH SMOOTHCOR DOUBLE WALL POLYMER-COATED, GALVANIZED, CORRUGATED METAL, 18-GAUGE INNER PIPE, 12-GAUGE OUTER PIPE)(ASTM A 742, ASTM A 762 TYPE IA, ASTM A 796, ASTM A 798). PER LF.	7,300.	LF				LF					
		COMPLETE ONLY ONE OF THE FOLLOWING TWO:											
271B	102/108.2/706.03	STORM DRAIN PIPE (96" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	2,070.	LF	\$ 319.00	\$ 660,330.00	630	LF	\$ 319.00	\$ 200,970.00	\$ (459,360.00)	630	200,970.00

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271B	CMP ONL 102/108. 2/707	STORM DRAIN PIPE (96" CONTECH SMOOTHCOR DOUBLE WALL POLYMER-COATED, GALVANIZED, CORRUGATED METAL, 18-GAUGE INNER PIPE, 12-GAUGE OUTER PIPE)(ASTM A 742, ASTM A 762 TYPE IA, ASTM A 796, ASTM A 798). PER LF.	2,070.	LF				LF				-	-
		COMPLETE ONLY ONE OF THE FOLLOWING TWO:										-	-
271C	RCP ONL 102/108. 2/706.03	STORM DRAIN PIPE (8'X96"X90" RCP FLARE, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II). FLARE SHALL HAVE FLAT, HORIZONTAL FLOW LINE IDENTICAL TO CONVENTIONAL STICK OF PIPE.	3.	EA	\$ 4,600.00	\$ 13,800.00	3	EA	\$ 4,600.00	\$ 13,800.00		3	13,800.00
271C	CMP ONL 102/108. 2/707	STORM DRAIN PIPE (8'X96"X90" CMP FLARE, CONTECH SMOOTHCOR DOUBLE WALL POLYMER-COATED, GALVANIZED, CORRUGATED METAL, 18-GAUGE INNER PIPE, 12-GAUGE OUTER PIPE)(ASTM A 742, ASTM A 762 TYPE IA, ASTM A 796, ASTM A 798).	3.	EA			3	EA				3	-
274	102/103/ 104/108	RCP/PIPE BUTT JOINT AS PER DETAIL. PER LINEAL FOOT OF PIPE/BOX O.D./PERIMETER.	400.	LF	\$ 42.00	\$ 16,800.00	400	LF	\$ 42.00	\$ 16,800.00		400	16,800.00
276	102/108	CONNECT NEW STORM/IRR. PIPE TO EXISTING STORM/IRR. PIPE USING CALDER/FERNCO TYPE COUPLING. DIA. 4" TO 18". GAP BETWEEN BUTT ENDS OF JOINED PIPE = 0.5" MAX.	25.	EA	\$ 270.00	\$ 6,750.00	25	EA	\$ 270.00	\$ 6,750.00		25	6,750.00

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276A	102/103/ 104/108	STORM SEWER LATERAL. DIA. 18" OR LESS (MATCH EXISTING). PVC SDR-35. INCLUDES TYPE-A BEDDING AND HAUNCHING AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	200	LF	\$ 36.00	\$ 7,200.00	200	LF	\$ 36.00	\$ 7,200.00		200	7,200.00
279E	102/108. 2/706.	5' RISE X 7' SPAN RCB (2 FT COVER, ASTM C 1433/C 433)	38	LF	\$ 580.00	\$ 22,040.00	38	LF	\$ 580.00	\$ 22,040.00		38	22,040.00
279F	102/108. 2/706	8' LONG X 5' RISE X 7' SPAN RCB TO ARCH PIPE TRANSITION STRUCTURE. SEE DETAILS FOR FILLET SHAPE. FIELD MEASURE TO VERIFY DIMENSION AND SHAPE OF FILLET PRIOR TO FABRICATION. SHOP DRAWING SUBMITTAL REQUIRED. (2 FT COVER, ASTM C 1433/C 433).	1	EA	\$ 6,500.00	\$ 6,500.00	1	EA	\$ 6,500.00	\$ 6,500.00		1	6,500.00
280A	206/601/ 602	REINFORCED CONCRETE JUNCTION BOX AT SCHLOTSKY'S. INCLUDES ALL EXCAVATION, SHORING, BACKFILL, MATERIALS, CONNECTION TO STORM MAINS AND LATERALS, MANHOLES, AND CONSTRUCTION AS SHOWN ON STRUCTURAL DRAWINGS. SUBMITTALS INCLUDING BUT NOT LIMITED TO REINFORCING, MIX DESIGN, CONSTRUCTION STAGING, SHORING, AND JOINING OF CONDUITS AND JUNCTION BOX ARE REQUIRED.	1	LS	\$ 110,000.00	\$ 110,000.00	1	LS	\$ 110,000.00	\$ 110,000.00		1	110,000.00
280B	206/601/ 602	REINFORCED CONCRETE BROAD CRESTED WEIR IN GVIC CANAL SOUTHWEST OF REDLANDS PKWY OVERPASS. INCLUDES BYPASS PUMPING/DIVERSION IF REQUIRED, SHOP DRAWINGS, AND MIX DESIGN.	1	LS	\$ 9,600.00	\$ 9,600.00	1	LS	\$ 9,600.00	\$ 9,600.00		1	9,600.00

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281F	601	CONCRETE HEADWALL (BEEHIVE). 1 FOOT THICK, CLASS B CONCRETE MEETING CDOT TYPE II SULFATE RESISTANCE. #4 BARS @ 12" O.C. VERT AND HORIZ. FRONT FACE AND BACK FACE. INCLUDES TRASH RACK AS SHOWN. REINFORCING STEEL INCIDENTAL.	1	LS	\$ 5,000.00	\$ 5,000.00	1	LS	\$ 5,000.00	\$ 5,000.00		1	5,000.00
282	102/108.2/706	REINFORCED CONCRETE BOX OR CMP CROSS-FLOW CHAMBER. 6 FT LONG, 2 FT HIGH, WIDTH VARIES PER LOCATION (SEE PLANS). INCLUDES RADIUS EDGES ON NORTH BARREL AND CONNECTION TO 90"/96" RCP EACH SIDE. CONSTRUCT AS PER ASTM C 1433. INCLUDES CUTTING OPENING TO MATCH IN EXISTING BARREL, WELDING OF REINFORCING STEEL TO JOIN BOX TO BARRELS, AND BACKFILLING.	8	EA	\$ 5,900.00	\$ 47,200.00	8	EA	\$ 5,900.00	\$ 47,200.00		8	47,200.00
283	102.13/108.6	CONSTRUCT LARGE AREA INLET. INCLUDES DIRECT CONNECTION TO TOP OF STORM SEWER MAIN, INCLUDING GRATE AS SPECIFIED AND CUTTING HOLE INTO MAIN. SEE SHEETS SC-17B, SC-17C FOR RCP AND SMOOTHCOR OPTIONS FOR INSTALLING INLETS.	4	EA	\$ 7,300.00	\$ 29,200.00	4	EA	\$ 7,300.00	\$ 29,200.00		4	29,200.00
284	206/601/602	REINFORCED CONCRETE THRUST COLLAR FOR SIGNAL POLE BASE. SEE DETAILS.	2	EA	\$ 16,000.00	\$ 32,000.00	2	EA	\$ 16,000.00	\$ 32,000.00		2	32,000.00
284B	206/601/602	INJECTION GROUTING OF DISTURBED SOIL NEAR POLE BASE. PER VERTICAL LINEAR FOOT. DEPTH AND LOCATIONS TO BE SPECIFIED BY PROJECT ENGINEER AFTER CONSULTATION WITH CONTRACTOR.	50	VLF	\$ 120.00	\$ 6,000.00	50	VLF	\$ 120.00	\$ 6,000.00		50	6,000.00



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284C	202	REMOVAL (PARTIAL) OF EXISTING CONCRETE FORMING SIGNAL POLE PEDESTAL BASE (INCLUDES CUTTING OF REINFORCING STEEL IF REQUIRED)(CONCRETE NOT OBSTRUCTING WORK TO BE PROTECTED). PER CUBIC YARD.	10.	CY	\$ 480.00	\$ 4,800.00	10	CY	\$ 480.00	\$ 4,800.00		10	4,800.00	
298	102/108	INSTALL IRRIGATION TAP. INCLUDES FITTINGS, PIPE, VALVE, VALVE BOX, AND CONNECTION TO IRRIGATION PUMP INTAKE. PIPE INSTALLATION INLCUDES BEDDING AND BACKFILL MATERIALS AS PER STANDARD SPECIFICATIONS.	2.	EA	\$ 3,700.00	\$ 7,400.00	2	EA	\$ 3,700.00	\$ 7,400.00		2	7,400.00	
299B	102	102 - FURNISH AND INSTALL SCHLOTSKYS IRRIGATION CONTROL STRUCTURE. INCLUDES CLASS B CONCRETE MEETING CDOT CLASS II SULFATER RESISTANCE.	1.	LS	\$ 9,400.00	\$ 9,400.00	1	LS	\$ 9,400.00	\$ 9,400.00		1	9,400.00	
324	102.9/108.2	102.9/108.2 - 12" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	50.	LF	\$ 85.00	\$ 4,250.00	50	LF	\$ 85.00	\$ 4,250.00		50	4,250.00	
355	104.4	104.4 - CAP TOP HALF OF SEWER OR WATERLINE IN CLASS B FIBERMESH CONCRETE PER STD. DETAIL GU-04. PER LF	30.	LF	\$ 96.00	\$ 2,880.00	30	LF	\$ 96.00	\$ 2,880.00		30	2,880.00	
360	206	STRUCTURE BACKFILL (FLOWFILL). PAID PER CY. IN AREAS WHERE SANITARY SEWER IS INSTALLED BELOW AN EXISTING A.C. WATERLINE, FLOWFILL SHALL BE USED AS TRENCH BACKFILL WITHIN 5 FEET HORIZONTALLY OF THE WATERLINE.	300.	CY	\$ 79.00	\$ 23,700.00	300	CY	\$ 79.00	\$ 23,700.00		300	23,700.00	

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361	103.16	IMPORTED TRENCH BACKFILL. INCLUDES DISPOSAL OF UNSUITABLE AND/OR EXCESS MATERIAL AT DISPOSAL SITE ARRANGED BY CONTRACTOR.	35,000	TON			35000	TON				35,000	-
361	103.16	IMPORTED TRENCH BACKFILL. INCLUDES DISPOSAL OF UNSUITABLE AND/OR EXCESS MATERIAL AT DISPOSAL SITE ARRANGED BY CONTRACTOR.	21,000	TON	\$ 16.00	\$ 336,000.00		TON	\$ 16.00		\$ (336,000.00)	-	-
362	103.15/1 08.7	GRANULAR STABILIZATION MATERIAL (TYPE B).	15,000	TON	\$ 13.00	\$ 195,000.00	15000	TON	\$ 13.00	\$ 195,000.00		15,000	195,000.00
366A	102.14	GROUT-SEAL HOLE OPENING IN MANHOLE, CATCH BASIN, OR PIPE STUB; DIA. LESS THAN 24 INCHES. INCLUDES WELDED WIRE MESH REINFORCING (MATCH EXISTING) WELDED TO EXISTING WIRE CAGE FOR DIA. 18" OR GREATER. PER EA.	15	EA	\$ 200.00	\$ 3,000.00	15	EA	\$ 200.00	\$ 3,000.00		15	3,000.00
366B	102.14	GROUT-SEAL HOLE OPENING IN MANHOLE, CATCH BASIN, OR PIPE STUB; DIA. 24 INCHES OR GREATER. INCLUDES WELDED WIRE MESH REINFORCING (MATCH EXISTING) WELDED TO EXISTING WIRE CAGE FOR DIA. 18" OR GREATER. PER EA.	2	EA	\$ 320.00	\$ 640.00	2	EA	\$ 320.00	\$ 640.00		2	640.00
402	102.7/10 8.2	102.7/108.2 - 8" WATER MAIN PIPE (C-900 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	110	LF	\$ 65.00	\$ 7,150.00	110	LF	\$ 65.00	\$ 7,150.00		110	7,150.00
418	102.8b/1 08.3	10" GATE VALVE (INCLUDES MEGALUG OR ONE-BOLT JOINT RESTRAINT).	2	EA	\$ 2,000.00	\$ 4,000.00	2	EA	\$ 2,000.00	\$ 4,000.00		2	4,000.00

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443	1102.7/108.3	10" X 10" FULL BODY WYE W/ MJ X MEGALUG OR ONE-BOLT JOINT RESTRAINT	1	EA	\$ 1,600.00	\$ 1,600.00	1	EA	\$ 1,600.00	\$ 1,600.00		1	1,600.00
466B	102.7/108.3	10" 45° BEND W/ MJ X MEGALUG OR ONE-BOLT JOINT RESTRAINT.	7	EA	\$ 510.00	\$ 3,570.00	7	EA	\$ 510.00	\$ 3,570.00		7	3,570.00
466C	102.7/108.3	102.7/108.3 - 8" 22.5° BEND W/ MJ X MEGALUG OR ONE-BOLT JOINT RESTRAINT.	3	EA	\$ 360.00	\$ 1,080.00	3	EA	\$ 360.00	\$ 1,080.00		3	1,080.00
466D	102/102.7/108.3	10" JOINT-RESTRAINED CLEANOUT FOR D2241 160 PSI IRRIGATION LINE. INCLUDES MANHOLE AS PER DETAIL.	8	EA	\$ 3,200.00	\$ 25,600.00	8	EA	\$ 3,200.00	\$ 25,600.00		8	25,600.00
550	608.06	CONCRETE CURB (6" WIDE)	175	LF	\$ 28.00	\$ 4,900.00	175	LF	\$ 28.00	\$ 4,900.00		175	4,900.00
555	608.06	CONCRETE SIDEWALK (4" THICK).	10	SY	\$ 47.00	\$ 470.00	10	SY	\$ 47.00	\$ 470.00		10	470.00
559	608.06	MONOLITHIC VERTICAL CURB, GUTTER AND SIDEWALK (WIDTH VARIES) (PER SQ YD).	10	SY	\$ 68.00	\$ 680.00	10	SY	\$ 68.00	\$ 680.00		10	680.00
581B	608.06	CONCRETE SLOPE PAVING (6" THICK, CLASS B, SUBMIT JOINTING PATTERN FOR APPROVAL PRIOR TO INSTALLATION).	280	SY	\$ 77.00	\$ 21,560.00	280	SY	\$ 77.00	\$ 21,560.00		280	21,560.00
587	608.06	CONCRETE INTERSECTION CORNER. INCLUDES CURB, GUTTER, SIDEWALK, HANDICAP RAMP.	110	SY	\$ 84.00	\$ 9,240.00	110	SY	\$ 84.00	\$ 9,240.00		110	9,240.00
602	608.06	CONCRETE CURB AND GUTTER (2' WIDE).	1,000	LF	\$ 23.00	\$ 23,000.00	1000	LF	\$ 23.00	\$ 23,000.00		1,000	23,000.00
627	610	MEDIAN COVER MATERIAL (CONCRETE)(6" THICK)(MATCH EXISTING PATTERN, COLOR)	40	SY	\$ 140.00	\$ 5,600.00	40	SY	\$ 140.00	\$ 5,600.00		40	5,600.00

Ranchmen's Ditch Flood Control Project, Phase II, Part B											December 4, 2008		CC date:
Change Order No. 1											1		1
											Change Order No. 1		
											Date:		4-Dec-08
Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	Change	Quantity	Extended Price
			Original Contract				Revised						
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-	221	---
636	608	CONCRETE PAVEMENT (8" THICK, 6" CLASS 6 A.B.C., CONCRETE SHALL MEET CLASS II SULFATE RESISTANCE, AND BE CLASS B W/ 4000 PSI MINIMUM COMPRESSIVE STRENGTH AT 28 d IN CDOT-APPROVED MIX DESIGN)	230	SY	\$ 110.00	\$ 25,300.00	230	SY	\$ 110.00	\$ 25,300.00		230	25,300.00
654C	203	GRADE BEEHIVE DITCH INLET AREA AS SHOWN.	1	LS	\$ 1,600.00	\$ 1,600.00	1	LS	\$ 1,600.00	\$ 1,600.00		1	1,600.00
658	420/712	GEOGRID (STANDARD)(TENSAR BX-1100).	15,000	SY	\$ 4.50	\$ 67,500.00	15000	SY	\$ 4.50	\$ 67,500.00		15,000	67,500.00
663	304	AGGREGATE BASE COURSE (CLASS 6).	43,800	SY-INCH	\$ 2.00	\$ 87,600.00	43800	SY-INCH	\$ 2.00	\$ 87,600.00		43,800	87,600.00
664	304	INSTALL AND MAINTAIN TEMPORARY DRIVING SURFACE (UNTIL PAVED) USING MILLINGS FROM PROJECT, THEN FROM CITY SHOPS IF NEEDED. ALL ASPHALT SHALL BE REPLACED WITHIN 3 WEEKS OF OPENING OF ASPHALT PLANTS.	1,450	SY	\$ 4.00	\$ 5,800.00	1450	SY	\$ 4.00	\$ 5,800.00		1,450	5,800.00
677	401.08	HOT BITUMINOUS PAVEMENT (GRADING SX, BINDER GRADE PG 64-22).	9,200	SY-INCH	\$ 10.00	\$ 92,000.00	9200	SY-INCH	\$ 10.00	\$ 92,000.00		9,200	92,000.00
696	420/712.08	GEOTEXTILE (DRAINAGE)(CLASS A)(MIRAFI 170N, CONTECH C70NW, OR APPROVED EQUIVALENT).	15,000	SY	\$ 2.50	\$ 37,500.00	15000	SY	\$ 2.50	\$ 37,500.00		15,000	37,500.00
696B	420/712.08	GEOTEXTILE (DRAINAGE)(CLASS A)(MIRAFI 140N, CONTECH C45NW, OR APPROVED EQUIVALENT).	5,400	SY	\$ 2.00	\$ 10,800.00	5400	SY	\$ 2.00	\$ 10,800.00		5,400	10,800.00
697	627	PAVEMENT MARKING PAINT (PARKING LOTS)(4" WIDE, WHITE OR YELLOW, MATCH EXISTING). PER LF.	350	LF	\$ 1.50	\$ 525.00	350	LF	\$ 1.50	\$ 525.00		350	525.00

**Ranchmen's Ditch Flood Control Project, Phase II, Part B**

**Change Order No. 1**

December 4, 2008

CC date:

1

Change Order No. 1

Date: 4-Dec-08

Item No.	CDOT, City Ref.	Description	Original Contract				Revised				Change	Date:	
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price		Quantity	Extended Price
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-	221	---
728	207	TOPSOIL: STOCKPILE AND REUSE (IF CLEAN AND APPROVED BY INSPECTOR) OR IMPORT, AND PLACE, GRADE, AND COMPACT 12" TOPSOIL. APPLIES TO LANDSCAPED AREAS WHERE SOD IS ABSENT	100.	SY	\$ 9.50	\$ 950.00	100	SY	\$ 9.50	\$ 950.00		100	950.00
728B	207	STOCKPILE TOP 12" OF TOPSOIL FROM ALL EXCAVATIONS AND REPLACE AS 8" LIFT AT TOP OF BACKFILL, OUTSIDE OF SERVICE ROAD FOOTPRINT. IF SUFFICIENT TOPSOIL NOT GENERATED FROM EXCAVATION USING THIS APPROACH, CONTRACT SHALL STOCKPILE ADDITIONAL CLEAN FILL FROM EXCAVATION OR IMPORT CLEAN FILL DIRT AND BLEND WITH STOCKPILE TOPSOIL FOR REPLACEMENT ABOVE BACKFILL. ALL COSTS FOR STOCKPILING, BLENDING, AND IMPORTING SHALL BE INCLUDED IN THIS PAY ITEM.	1.	LS	\$ 1,600.00	\$ 1,600.00	1	LS	\$ 1,600.00	\$ 1,600.00		1	1,600.00
732	207/212	SOD. INCLUDES 6" OF STOCKPILED EXISTING TOPSOIL (IF APPROVED BY INSPECTOR/ENGINEER) OR 6" IMPORTED TOPSOIL.	300.	SY	\$ 6.50	\$ 1,950.00	300	SY	\$ 6.50	\$ 1,950.00		300	1,950.00
735	212	SEEDING (HYDROSEEDING/HYDROMULCH APPLICATION) OF PERIPHERAL DISTURBED AREAS, INCLUDING VEHICLE TRACKS, STAGING AREAS, ETC.	18,500.	SY	\$ 1.50	\$ 27,750.00	18500	SY	\$ 1.50	\$ 27,750.00		18,500	27,750.00
743	214	DECIDUOUS TREE (2" CALIPER OR LARGER)(MATCH EXISTING SPECIES).	20.	EA	\$ 700.00	\$ 14,000.00	20	EA	\$ 700.00	\$ 14,000.00		20	14,000.00
745	214	DECIDUOUS SHRUB/BUSH (7 GALLON)(MATCH EXISTING).	20.	EA	\$ 150.00	\$ 3,000.00	20	EA	\$ 150.00	\$ 3,000.00		20	3,000.00

Ranchmen's Ditch Flood Control Project, Phase II, Part B											December 4, 2008		CC date:
Change Order No. 1											1		
											Change Order No. 1		
											Date:		4-Dec-08
Item No.	CDOT, City Ref.	Description	Original Contract				Revised				Change	Quantity	Extended Price
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price			
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-	221	---
746	214	CONIFEROUS SHRUB/BUSH (7 GALLON)(MATCH EXISTING).	20	EA	\$ 310.00	\$ 6,200.00	20	EA	\$ 310.00	\$ 6,200.00		20	6,200.00
900	209/ 108.12	DUST ABATEMENT.	242	DAYS	\$ 82.00	\$ 19,844.00	242	DAYS	\$ 82.00	\$ 19,844.00		242	19,844.00
901	620	PORTABLE SANITARY FACILITY (PER LOCATION DAYS; UP TO THREE LOCATIONS PERMITTED).	320	LOCATION-WORK DAYS	\$ 16.00	\$ 5,120.00	320	LOCATION-WORK DAYS	\$ 16.00	\$ 5,120.00		320	5,120.00
902	625	CONSTRUCTION SURVEYING, INCLUDING AS-BUILT DRAWINGS.	1	LS	\$ 39,000.00	\$ 39,000.00	1	LS	\$ 39,000.00	\$ 39,000.00		1	39,000.00
902A	629	REFERENCE AND RESET SURVEY MONUMENT.	5	EA	\$ 440.00	\$ 2,200.00	5	EA	\$ 440.00	\$ 2,200.00		5	2,200.00
903	626	MOBILIZATION.	1	LS	\$ 59,000.00	\$ 59,000.00	1	LS	\$ 59,000.00	\$ 59,000.00		1	59,000.00
904	630	TRAFFIC CONTROL PLAN.	1	LS	\$ 990.00	\$ 990.00	1	LS	\$ 990.00	\$ 990.00		1	990.00
905	630	TRAFFIC CONTROL (COMPLETE IN PLACE).	1	LS	\$ 45,000.00	\$ 45,000.00	1	LS	\$ 45,000.00	\$ 45,000.00		1	45,000.00
906	630	TRAFFIC CONTROL FLAGGING HOURS.	600	HRS	\$ 24.00	\$ 14,400.00	600	HRS	\$ 24.00	\$ 14,400.00		600	14,400.00
907	208	STORMWATER MANAGEMENT PLAN IMPLEMENTATION.	1	LS	\$ 55,000.00	\$ 55,000.00	1	LS	\$ 55,000.00	\$ 55,000.00		1	55,000.00
908	QC56	WEEKLY NEWSLETTERS (APPROXIMATELY 1800 PER DISTRIBUTION).	1	LS	\$ 38,000.00	\$ 38,000.00	1	LS	\$ 38,000.00	\$ 38,000.00		1	38,000.00
909	630	BEEHIVE NIGHT WORK SUPPLEMENT. INCLUDES LIGHT PLANTS, OVERTIME, AND INCIDENTALS SPECIFIC TO NIGHT WORK AT BEEHIVE PATTERSON CROSSING.	1	LS	\$ 18,000.00	\$ 18,000.00	1	LS	\$ 18,000.00	\$ 18,000.00		1	18,000.00
		ADDENDUM No. 1										-	-

Ranchmen's Ditch Flood Control Project, Phase II, Part B											December 4, 2008		CC date:	
Change Order No. 1											1			
											Change Order No. 1			
											Date:		4-Dec-08	
Item No.	CDOT, City Ref.	Description	Original Contract				Revised				Change	Quantity		Extended Price
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price		Quantity	Extended Price	
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-	221	---	
678	401	INSTALL, MAINTAIN, AND REMOVE TEMPORARY ACCESS RAMP USING PROJECT-GENERATED MILLINGS OR MILLINGS FROM CITY SHOPS. CONTRACTOR SHALL PROVIDE TRUCKING IF OBTAINED FROM CITY SHOPS. RAMP TO BE BUILT TO PROVIDE ACCESS OVER CURB DURING OBSTRUCTION OF DRIVE.	1	EA	\$ 3,900.00	\$ 3,900.00	1	EA	\$ 3,900.00	\$ 3,900.00		1	3,900.00	
Change Order No. 1														
CO-1	361 Rev.	103.16 IMPORTED TRENCH BACKFILL. INCLUDES DISPOSAL OF UNSUITABLE AND/OR EXCESS MATERIAL AT DISPOSAL SITE ARRANGED BY CONTRACTOR.					35000	TON	\$ 9.60	\$ 336,000.00	\$ 336,000.00	35,000	336,000.00	
CO-1	270 Rev.	102/108.2/706.03 PRE-PURCHASED PIPE: STOCKPILE, PROTECT AND DELIVER TO SITE (COST BORNE BY GJ PIPE), STORM DRAIN PIPE (78" RCP, TONGUE AND GROOVE, GASKETED, WALL-C, ASTM C 76/C 443, CLASS II ). PER LF.					536	LF	\$ 212.00	\$ 113,632.00	\$ 113,632.00	536	113,632.00	
CO-1	271 Rev.	102/108.2/706.03 PRE-PURCHASED PIPE: STOCKPILE, PROTECT AND DELIVER TO SITE(COST BORNE BY GJ PIPE) STORM DRAIN PIPE (90" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)					3200	LF	\$ 233.00	\$ 745,600.00	\$ 745,600.00	3,200	745,600.00	
CO-1	271B Rev.	102/108.2/706.03 PRE-PURCHASED PIPE: STOCKPILE, PROTECT AND DELIVER TO SITE(COST BORNE BY GJ PIPE) STORM DRAIN PIPE (96" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)					1440	LF	\$ 258.00	\$ 371,520.00	\$ 371,520.00	1,440	371,520.00	
CO-1	270 Rev.	102/108.2/706.03 INSTALL AS PER SPECIFICATIONS, STORM DRAIN PIPE (78" RCP, TONGUE AND GROOVE, GASKETED, WALL-C, ASTM C 76/C 443, CLASS II ). PER LF.					536	LF	\$ 198.00	\$ 106,128.00	\$ 106,128.00	536	106,128.00	

Ranchmen's Ditch Flood Control Project, Phase II, Part B											December 4, 2008		CC date:			
Change Order No. 1											1					
											Change Order No. 1					
											Date:		4-Dec-08			
											Original Contract		Revised			
Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	Change	Quantity	Extended Price			
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-	221	---			
CO-10271 Rev.	102/108, 2/706.03	INSTALL AS PER SPECIFICATIONS, STORM DRAIN PIPE (90" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)					3200	LF	\$ 70.00	\$ 224,000.00	\$ 224,000.00	3,200	224,000.00			
CO-10271B Rev.	102/108, 2/706.03	INSTALL AS PER SPECIFICATIONS, STORM DRAIN PIPE (96" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)					1440	LF	\$ 61.00	\$ 87,840.00	\$ 87,840.00	1,440	87,840.00			
MCR		Minor Contract Revisions	---	---	\$ 250,000.00	\$ 250,000.00	---	---	\$ 250,000.00	\$ 250,000.00	\$ 0.00	---	250,000.00			
TOTALS:						\$ 5,693,185.00				\$ 5,693,185.00	\$ -		5,693,185.00			



**FINAL RECEIPT**

Project: Ranchmen's Ditch Phase II Part B  
Contractor: Arapahoe Utilities and Infrastructure, Inc.  
Final Contract Price: **\$5,347,019.11**  
Final Payment: **\$246,596.34**

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The Contractor hereby certifies:

THAT the above noted "Final Contract Price" is the full compensation due under the Contract for the Project, except for claims made by the Contractor that are still in dispute;

THAT the above noted "Final Payment" has been received from the City of Grand Junction;

THAT, together with the "Final Payment", amounts totaling the "Final Contract Price" have been received from the City of Grand Junction;

THAT all persons and companies performing labor or furnishing materials for the Project have been paid in full.

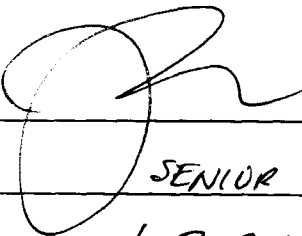
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Contractor:

By:

Title:

Date:

  
\_\_\_\_\_  
JOSH LIVERMORE  
\_\_\_\_\_  
SENIOR PROJECT MGR  
\_\_\_\_\_  
04-07-2010  
\_\_\_\_\_

# CHANGE ORDER

Number 2

Date: 11-Mar-10  
To: Arapahoe Utilities & Infrastructure  
From: City of Grand Junction, Department of Public Works and Utilities  
Project: **Ranchmen's Ditch Flood Control Project, Phase II, Part B**

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It is agreed to modify the Contract for the Project as follows:  
Final Quantities are reflected in this Change Order

Summary of Contract price adjustments - itemized on the attached sheet(s):

Original Contract Amount	\$5,693,185.00
Approved Change Orders	0.00
This Change Order	<u>(346,165.89)</u>
Revised Contract Amount	\$5,347,019.11

Summary of Contract time adjustments:

Original Contract Time	221.	Cal. Days
Approved Change Orders	0.	
This Change Order	<u>0.</u>	
Revised Contract Time	221.	Cal. Days

Construction Start Date: September 23, 2008  
Contract Completion Date: May 1, 2009

This modification constitutes compensation in full for all costs and mark-ups directly and/or indirectly attributable to the changes ordered herein, for all delays, impacts and disruptions related thereto and for performance of the changes within the Contract Time.

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Owner: **City of Grand Junction**

Prepared by: David Donohue Date: 4/6/10  
David Donohue, Project Engineer

Recommended by: \_\_\_\_\_ Date: \_\_\_\_\_

Approved by: N/A Date: 4/19/10  
Bret Guillory  
Bret Guillory, Utility Engineer

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Contractor: **Arapahoe Utilities & Infrastructure**

Signature: Josh Livermore Date: 04-07-2010  
Name and Title: Josh LIVERMORE

**Ranchmen's Ditch Flood Control Project, Phase II, Part B**

January 1, 2000

**Change Order No. 2**

Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
1	202	FULL DEPTH REMOVAL OF ASPHALT MAT. MILL OR CUT AND REMOVE AS SHOWN. PER SY.	1,600.	SY	\$ 8.00	\$ 12,800.00	2485.35	SY	\$ 8.00	\$ 19,882.80	\$ 7,082.80
3	202	REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO SIDEWALK, MONOLITHIC CG&SW, MEDIAN, SLABS, V-PAN, APRONS, AND OTHER AREA CONCRETE SURFACES. DOES NOT INCLUDE CURB OR CURB AND GUTTER.	600.	SY	\$ 13.00	\$ 7,800.00	802.6	SY	\$ 13.00	\$ 10,433.80	\$ 2,633.80
3B	202	REMOVAL OF CONCRETE CURB AND CURB & GUTTER. WIDTH VARIES. (PER L.F.)	2,000.	LF	\$ 7.00	\$ 14,000.00	881	LF	\$ 7.00	\$ 6,167.00	\$ (7,833.00)
4	202	REMOVAL OF TREE (SIZE AS SHOWN ON PLAN)	15.	EA	\$ 150.00	\$ 2,250.00	1	EA	\$ 150.00	\$ 150.00	\$ (2,100.00)
5	202	REMOVAL OF BUSH	40.	EA	\$ 28.00	\$ 1,120.00	7	EA	\$ 28.00	\$ 196.00	\$ (924.00)
15	202	REMOVAL OF PIPE AS SHOWN. (DIA 30" OR LESS). PER LF	300.	LF	\$ 10.00	\$ 3,000.00	364	LF	\$ 10.00	\$ 3,640.00	\$ 640.00
15B	202	REMOVAL OF PIPE AS SHOWN (DIA/SPAN > 30," SIZE AND TYPE AS SHOWN ON PLAN).	900.	LF	\$ 16.00	\$ 14,400.00	848.5	LF	\$ 16.00	\$ 13,576.00	\$ (824.00)
15C	202	REMOVAL OF STRUCTURAL CONCRETE. PER SF OF AREA PER SF OF THICKNESS (THICKNESS LESS THAN 1 FOOT MEASURED AS ONE FT THICKNESS). WALL THICKNESS VARIES. QTY DETERMINATION. EX.: 4X4X4 FT BOX, 1 FT THICK = 76SF.	2,700.	SF-FOOT	\$ 4.00	\$ 10,800.00	2075.1	SF-FOOT	\$ 4.00	\$ 8,300.40	\$ (2,499.60)

Ranchmen's Ditch Flood Control Project, Phase II, Part B											January 1, 2000
Change Order No. 2											
Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
16	202	REMOVAL OF MANHOLE OR CONCRETE IRRIGATION BOX. SALVAGE RING AND COVER/GRATE AND DELIVER TO CITY SHOPS.	4.	EA	\$ 1,200.00	\$ 4,800.00	3	EA	\$ 1,200.00	\$ 3,600.00	\$ (1,200.00)
23	210	RESET LANDSCAPE APPURTENANCE. (TYPE AS SHOWN ON PLAN)	17.	EA	\$ 290.00	\$ 4,930.00	2	EA	\$ 290.00	\$ 580.00	\$ (4,350.00)
100	210	RESET LANDSCAPE GROUND COVER (DECORATIVE ROCK, BARK, WOODCHIPS, ETC.). 2" MIN., MATCH EXISTING THICKNESS, SIZE, AND TYPE. STOCKPILE AND REUSE IF FREE OF DITIRUS, OR PROVIDE NEW. WEED BARRIER REQUIRED (INCIDENTAL). (PER SQ YD)	100.	SY	\$ 7.00	\$ 700.00	154.31	SY	\$ 7.00	\$ 1,080.17	\$ 380.17
102	210	RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)	50.	LF	\$ 76.00	\$ 3,800.00	23	LF	\$ 76.00	\$ 1,748.00	\$ (2,052.00)
102A	210	RESET DECORATIVE FENCE (INCLUDES RESET OF ELECTRIC SERVICE).	40.	LF	\$ 110.00	\$ 4,400.00	38	LF	\$ 110.00	\$ 4,180.00	\$ (220.00)
107	210	RESET FIRE HYDRANT.	2.	EA	\$ 830.00	\$ 1,660.00	1	EA	\$ 830.00	\$ 830.00	\$ (830.00)
109	210	RESET GATE (MATCH HEIGHT, WIDTH, MATERIAL).	30.	LF	\$ 99.00	\$ 2,970.00		LF	\$ 99.00		\$ (2,970.00)
116	210	RESET GUARD RAIL	50.	LF	\$ 170.00	\$ 8,500.00		LF	\$ 170.00		\$ (8,500.00)
119	202/210	REMOVE AND RESET PARKING LOT LIGHT. PER EA.	3.	EA	\$ 2,500.00	\$ 7,500.00		EA	\$ 2,500.00		\$ (7,500.00)
125	210	RESET PARKING BUMPER.	30.	EA	\$ 16.00	\$ 480.00		EA	\$ 16.00		\$ (480.00)

**Ranchmen's Ditch Flood Control Project, Phase II, Part B** January 1, 2000  
**Change Order No. 2**

Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
127	210	RESET MANHOLE/CATCH BASIN. INCLUDES RE-CONNECTION OF LATERALS. MATCH EXISTING INVERTS/RIM ELEV UNLESS SPECIFIED OTHERWISE.	4.	EA	\$ 660.00	\$ 2,640.00	1	EA	\$ 660.00	\$ 660.00	\$ (1,980.00)
128	210	RESET MARQUIS SIGN. INCLUDES RECONNECTION OF ELECTRIC SERVICE BY LICENSED ELECTRICIAN. REQUIRES SUBMITTAL OF SHOP DRAWINGS FOR SIGN BASE/PEDESTAL STAMPED BY LICENSED P.E.	2.	EA	\$ 1,100.00	\$ 2,200.00	1	EA	\$ 1,100.00	\$ 1,100.00	\$ (1,100.00)
129	210	210 - RESET IRRIGATION PUMP. INCLUDES RESET OF ELECTRICAL, PIPING, CONCRETE PAD, AND PROTECTIVE COVER/SHELTER.	2.	EA	\$ 4,700.00	\$ 9,400.00	1	EA	\$ 4,700.00	\$ 4,700.00	\$ (4,700.00)
131	210	RESET BOLLARD	6.	EA	\$ 56.00	\$ 336.00	3	EA	\$ 56.00	\$ 168.00	\$ (168.00)
132	102/210/ 103/104/ 108	RESET MANHOLE. INCLUDES REMOVAL OF BASE TO FACILITATE ACCESS TO CONDUITS AND INSTALLATION OF NEW BASE WITH CONNECTION TO CONDUITS. GRADES SHALL MATCH EXISTING UNLESS INDICATED OTHERWISE ON PLANS.	1.	EA	\$ 660.00	\$ 660.00	1	EA	\$ 660.00	\$ 660.00	
200	102.11/1 08.5	STORM SEWER BASIC MANHOLE (48" I.D.) INCLUDES CONNECTION OF ADJACENT STORM SEWER LINES, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL D-03).	5.	EA	\$ 3,200.00	\$ 16,000.00	4	EA	\$ 3,200.00	\$ 12,800.00	\$ (3,200.00)
202	102.11/1 08.5	MANHOLE BARREL SECTION (D > 5')(48" I.D.).	20.	VLF	\$ 720.00	\$ 14,400.00		VLF	\$ 720.00		\$ (14,400.00)

**Ranchmen's Ditch Flood Control Project, Phase II, Part B**

January 1, 2000

**Change Order No. 2**

Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
209	102.13/1 08.6	CURB INLET, TYPE R, TRIPLE (15 FT LONG CURB OPENING, H = 5 FT), AS PER CDOT STANDARD PLAN NO. M-604-12.	9.	EA	\$ 8,000.00	\$ 72,000.00	9	EA	\$ 8,000.00	\$ 72,000.00	
210	102.13/1 08.6	SMALL AREA INLET. INCLUDES DIRECT CONNECTION TO TOP OF STORM SEWER MAIN, INCLUDING CUTTING HOLE INTO MAIN, NO. 5 DOWELS FROM INLET BOX INTO MAIN AT 12" O.C., AND CONCRETE COLLAR AT CONNECTION.	2.	EA	\$ 2,200.00	\$ 4,400.00	1	EA	\$ 2,200.00	\$ 2,200.00	\$ (2,200.00)
223	102.10/1 08.2	24" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	70.	LF	\$ 85.00	\$ 5,950.00	76	LF	\$ 85.00	\$ 6,460.00	\$ 510.00
224	102.10/1 08.2	30" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	15.	LF	\$ 130.00	\$ 1,950.00	11	LF	\$ 130.00	\$ 1,430.00	\$ (520.00)
224B	102.10/1 08.2	36" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	100.	LF	\$ 310.00	\$ 31,000.00	91	LF	\$ 310.00	\$ 28,210.00	\$ (2,790.00)

Ranchmen's Ditch Flood Control Project, Phase II, Part B											January 1, 2000	
Change Order No. 2												
Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change	
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price		
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-	
224C	102.10/108.2	48" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	16.	LF	\$ 210.00	\$ 3,360.00	16	LF	\$ 210.00	\$ 3,360.00		
245	102.10C/108.2	10" ASTM D2241 PVC 160 PSI (SDR-26) PRESSURE PIPE (IPS). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16. THRUST BLOCKS AND TRACING WIRE REQUIRED AS PER STD. DETAILS (INCIDENTAL)	4,700.	LF	\$ 34.00	\$ 159,800.00	4641.47	LF	\$ 34.00	\$ 157,809.98	\$ (1,990.02)	
256	102/108.3	INSTALL 18" INLINE CHECK VALVE. TIDEFLEX SERIES 37-G INSERTABLE (POLYURETHANE RUBBER). OUTFLOW END OF CHECKVALVE SHALL NOT PROTRUDE INTO STORM MAIN.	3.	EA	\$ 7,000.00	\$ 21,000.00	0.552107	EA	\$ 7,000.00	\$ 3,864.75	\$ (17,135.25)	
257	102/108	CONNECT LATERAL TO STORM SEWER MAIN/MANHOLE. DIA. OF LATERAL = 24" OR LESS. DIA. OF MAIN VARIES. INCLUDES CUTTING HOLE IN MAIN AND SEALING IN MAIN WITH WATERSTOP RX AND NON-SHRINK GROUT. LATERAL OUTFALL SHALL BE FLUSH WITH INSIDE WALL OF MAIN.	33.	EA	\$ 570.00	\$ 18,810.00	40	EA	\$ 570.00	\$ 22,800.00	\$ 3,990.00	

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Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
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---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
257B	102/108	CONNECT LATERAL TO STORM SEWER MAIN. DIA. OF LATERAL > 24." DIA. OF MAIN VARIES. INCLUDES CUTTING HOLE IN MAIN, EXPOSING REINFORCING IN MAIN AND WELDING MAIN REINFORCING TO LATERAL REINFORCING, AND MORTORING JOINT WITH LOW-SLUMP CLASS D CONCRETE. WALL THICKNESS AT JOINT SHALL MATCH EXISTING WALL THICKNESS. FILLET AT OUTSIDE EDGE OF JOINT SHALL BE 9" RADIUS.	2.	EA	\$ 770.00	\$ 1,540.00	2	EA	\$ 770.00	\$ 1,540.00	
257C	102/108	CONNECT LATERAL 4' SPAN X 2' RISE RCB (OR CMB) TO 90" RCP. RCB TO BE ASTM C1433. RCB/CMB PAID FOR SEPERATELY. CONNECTION CAN BE FABRICATED IN SHOP OR FIELD. REQUIRES CONNECTION OF REINFORCEMENT STEEL IN RCB TO REINFORCEMENT STEEL IN RCP. SHOP DRAWINGS STAMPED BY PE SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. FILLET AT INSIDE EDGE OF JOINT SHALL BE 6" RADIUS.	1.	EA	\$ 6,700.00	\$ 6,700.00	1	EA	\$ 6,700.00	\$ 6,700.00	



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Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
258	102.10/1 08.2	INSTALL IRRIGATION MAIN/LATERAL CONDUIT (PVC, 1" TO 4" DIA.) TO REPAIR LINES CUT/REMOVED FURING TRENCHING. IRRIGATION MAINS AND LATERALS GENERALLY NOT LOCATED OR SHOWN ON PLANS. INCLUDES REPAIR COUPLINGS. REMOVAL OF DAMAGED/CUT IRRIGATION CONDUIT IS INCIDENTAL TO THIS PAY ITEM.	300.	LF	\$ 6.00	\$ 1,800.00	624.5	LF	\$ 6.00	\$ 3,747.00	\$ 1,947.00
259	102.10/1 08.2	INSTALL SPRINKLER-HEAD DISTRIBUTION CONDUIT (<1" DIA.)(MATCH EXISTING CONDUIT TYPE)(INCLUDES FITTINGS TEES, BENDS, AND TAPS TO LATERALS)	200.	LF	\$ 45.00	\$ 9,000.00		LF	\$ 45.00		\$ (9,000.00)
260	102.10/1 08.2	RESET SPRINKLER HEAD; SAVE AND REUSE EXISTING IF UNDAMAGED OR INSTALL NEW. MATCH EXISTING SIZE AND TYPE. SIZE AND TYPE VARY. INCLUDES FITTINGS. NOT ALL HEADS SHOWN ON PLANS. CONTRACTOR SHALL FIELD LOCATE AND RESET IN SAME LOCATION AND ORIENTATION. PER EA.	20.	EA	\$ 36.00	\$ 720.00	23	EA	\$ 36.00	\$ 828.00	\$ 108.00
261	102.10/1 08.3	TEE FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(MATCH EXISTING). PER EA.	20.	EA	\$ 4.50	\$ 90.00	20	EA	\$ 4.50	\$ 90.00	
262	102.10/1 08.3	CROSS FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(MATCH EXISTING). PER EA.	10.	EA	\$ 4.00	\$ 40.00		EA	\$ 4.00		\$ (40.00)

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Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
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---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
263	102.10/108.3	ELBOW FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(ANGLE OF BEND VARIES)(MATCH EXISTING). PER EA.	30.	EA	\$ 4.50	\$ 135.00	17	EA	\$ 4.50	\$ 76.50	\$ (58.50)
264	102.10/108.3	REDUCER FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(DIMENSIONS OF REDUCER VARY)(MATCH EXISTING). PER EA.	10.	EA	\$ 4.50	\$ 45.00	29	EA	\$ 4.50	\$ 130.50	\$ 85.50
267	102.9/108.2	16" CASING PIPE (165 PSI C-905 PVC)(INCLUDES CASING SPACERS, END SEALS, AND JOINT RESTRAINT ON CASING PIPE)	55.	LF	\$ 86.00	\$ 4,730.00	47	LF	\$ 86.00	\$ 4,042.00	\$ (688.00)
269A	UU	BYPASS PUMPING (RANCHMEN'S DITCH TO OVERPASS CANAL AT HORIZON GLEN)	1.	LS	\$ 110,000.00	\$ 110,000.00	1	LS	\$ 110,000.00	\$ 110,000.00	
269B	UU	BYPASS PUMPING (BEEHIVE DRAIN CROSSING AT F 1/2 RD. TO GVIC CANAL)	1.	LS	\$ 20,000.00	\$ 20,000.00	1	LS	\$ 20,000.00	\$ 20,000.00	
270 [1]□	102/108.2/706.03	STORM DRAIN PIPE (78" RCP, TONGUE AND GROOVE, GASKETED, WALL-C, ASTM C 76/C 443, CLASS II). PER LF.	84.	LF	\$ 410.00	\$ 34,440.00	84	LF	\$ 410.00	\$ 34,440.00	
		COMPLETE ONLY ONE OF THE FOLLOWING TWO:									
271 □-RCP ONLY	102/108.2/706.03	STORM DRAIN PIPE (90" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	4,100.	LF	\$ 303.00	\$ 1,242,300.00	4085.6	LF	\$ 303.00	\$ 1,237,936.80	\$ (4,363.20)

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Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
271A-CMP ONLY	102/108.2/707	STORM DRAIN PIPE (90" CONTECH SMOOTHCOR DOUBLE WALL POLYMER-COATED, GALVANIZED, CORRUGATED METAL, 18-GAUGE INNER PIPE, 12-GAUGE OUTER PIPE)(ASTM A 742, ASTM A 762 TYPE IA, ASTM A 796, ASTM A 798). PER LF.						LF			
		COMPLETE ONLY ONE OF THE FOLLOWING TWO:									
271B-RCP ONL	102/108.2/706.03	STORM DRAIN PIPE (96" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	630.	LF	\$ 319.00	\$ 200,970.00	623.16	LF	\$ 319.00	\$ 198,788.04	\$ (2,181.96)
271B-CMP ONL	102/108.2/707	STORM DRAIN PIPE (96" CONTECH SMOOTHCOR DOUBLE WALL POLYMER-COATED, GALVANIZED, CORRUGATED METAL, 18-GAUGE INNER PIPE, 12-GAUGE OUTER PIPE)(ASTM A 742, ASTM A 762 TYPE IA, ASTM A 796, ASTM A 798). PER LF.						LF			
		COMPLETE ONLY ONE OF THE FOLLOWING TWO:									
271C-RCP ONL	102/108.2/706.03	STORM DRAIN PIPE (8'X96"X90" RCP FLARE, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II). FLARE SHALL HAVE FLAT, HORIZONTAL FLOW LINE IDENTICAL TO CONVENTIONAL STICK OF PIPE.	3.	EA	\$ 4,600.00	\$ 13,800.00	3	EA	\$ 4,600.00	\$ 13,800.00	

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Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
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---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
271C-CMP ONL	102/108. 2/707	STORM DRAIN PIPE (8'X96"X90" CMP FLARE, CONTECH SMOOTHCOR DOUBLE WALL POLYMER-COATED, GALVANIZED, CORRUGATED METAL, 18-GAUGE INNER PIPE, 12-GAUGE OUTER PIPE)(ASTM A 742, ASTM A 762 TYPE IA, ASTM A 796, ASTM A 798).	3.	EA				EA			
274	102/103/ 104/108	RCP/PIPE BUTT JOINT AS PER DETAIL. PER LINEAL FOOT OF PIPE/BOX O.D./PERIMETER.	400.	LF	\$ 42.00	\$ 16,800.00	128	LF	\$ 42.00	\$ 5,376.00	\$ (11,424.00)
276	102/108	CONNECT NEW STORM/IRR. PIPE TO EXISTING STORM/IRR. PIPE USING CALDER/FERNCO TYPE COUPLING. DIA. 4" TO 18". GAP BETWEEN BUTT ENDS OF JOINED PIPE = 0.5" MAX.	25.	EA	\$ 270.00	\$ 6,750.00	20	EA	\$ 270.00	\$ 5,400.00	\$ (1,350.00)
276A	102/103/ 104/108	STORM SEWER LATERAL. DIA. 18" OR LESS (MATCH EXISTING). PVC SDR-35. INCLUDES TYPE-A BEDDING AND HAUNCHING AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	200.	LF	\$ 36.00	\$ 7,200.00	347.5	LF	\$ 36.00	\$ 12,510.00	\$ 5,310.00
279E	102/108. 2/706.	5' RISE X 7' SPAN RCB (2 FT COVER, ASTM C 1433/C 433)	38.	LF	\$ 580.00	\$ 22,040.00	38.5	LF	\$ 580.00	\$ 22,330.00	\$ 290.00

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---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
279F	102/108.2/706	8' LONG X 5' RISE X 7' SPAN RCB TO ARCH PIPE TRANSITION STRUCTURE. SEE DETAILS FOR FILLET SHAPE. FIELD MEASURE TO VERIFY DIMENSION AND SHAPE OF FILLET PRIOR TO FABRICATION. SHOP DRAWING SUBMITTAL REQUIRED. (2 FT COVER, ASTM C 1433/C 433).	1.	EA	\$ 6,500.00	\$ 6,500.00	1	EA	\$ 6,500.00	\$ 6,500.00	
280A	206/601/602	REINFORCED CONCRETE JUNCTION BOX AT SCHLOTSKY'S. INCLUDES ALL EXCAVATION, SHORING, BACKFILL, MATERIALS, CONNECTION TO STORM MAINS AND LATERALS, MANHOLES, AND CONSTRUCTION AS SHOWN ON STRUCTURAL DRAWINGS. SUBMITTALS INCLUDING BUT NOT LIMITED TO REINFORCING, MIX DESIGN, CONSTRUCTION STAGING, SHORING, AND JOINING OF CONDUITS AND JUNCTION BOX ARE REQUIRED.	1.	LS	\$ 110,000.00	\$ 110,000.00	1	LS	\$ 110,000.00	\$ 110,000.00	
280B	206/601/602	REINFORCED CONCRETE BROAD CRESTED WEIR IN GVIC CANAL SOUTHWEST OF REDLANDS PKWY OVERPASS. INCLUDES BYPASS PUMPING/DIVERSION IF REQUIRED, SHOP DRAWINGS, AND MIX DESIGN.	1.	LS	\$ 9,600.00	\$ 9,600.00	1	LS	\$ 9,600.00	\$ 9,600.00	

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Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
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---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
281F	601	CONCRETE HEADWALL (BEEHIVE). 1 FOOT THICK, CLASS B CONCRETE MEETING CDOT TYPE II SULFATE RESISTANCE. #4 BARS @ 12" O.C. VERT AND HORIZ. FRONT FACE AND BACK FACE. INCLUDES TRASH RACK AS SHOWN. REINFORCING STEEL INCIDENTAL.	1.	LS	\$ 5,000.00	\$ 5,000.00	1	LS	\$ 5,000.00	\$ 5,000.00	
282	102/108.2/706	REINFORCED CONCRETE BOX OR CMP CROSS-FLOW CHAMBER. 6 FT LONG, 2 FT HIGH, WIDTH VARIES PER LOCATION (SEE PLANS). INCLUDES RADIUSSED EDGES ON NORTH BARREL AND CONNECTION TO 90"/96" RCP EACH SIDE. CONSTRUCT AS PER ASTM C 1433. INCLUDES CUTTING OPENING TO MATCH IN EXISTING BARREL, WELDING OF REINFORCING STEEL TO JOIN BOX TO BARRELS, AND BACKFILLING.	8.	EA	\$ 5,900.00	\$ 47,200.00	7	EA	\$ 5,900.00	\$ 41,300.00	\$ (5,900.00)
283	102.13/108.6	CONSTRUCT LARGE AREA INLET. INCLUDES DIRECT CONNECTION TO TOP OF STORM SEWER MAIN, INCLUDING GRATE AS SPECIFIED AND CUTTING HOLE INTO MAIN. SEE SHEETS SC-17B, SC-17C FOR RCP AND SMOOTHCOR OPTIONS FOR INSTALLING INLETS.	4.	EA	\$ 7,300.00	\$ 29,200.00	4	EA	\$ 7,300.00	\$ 29,200.00	
284	206/601/602	REINFORCED CONCRETE THRUST COLLAR FOR SIGNAL POLE BASE. SEE DETAILS.	2.	EA	\$ 16,000.00	\$ 32,000.00		EA	\$ 16,000.00		\$ (32,000.00)

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---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
284B	206/601/602	INJECTION GROUTING OF DISTURBED SOIL NEAR POLE BASE. PER VERTICAL LINEAR FOOT. DEPTH AND LOCATIONS TO BE SPECIFIED BY PROJECT ENGINEER AFTER CONSULTATION WITH CONTRACTOR.	50.	VLF	\$ 120.00	\$ 6,000.00		VLF	\$ 120.00		\$ (6,000.00)
284C	202	REMOVAL (PARTIAL) OF EXISTING CONCRETE FORMING SIGNAL POLE PEDESTAL BASE (INCLUDES CUTTING OF REINFORCING STEEL IF REQUIRED)(CONCRETE NOT OBSTRUCTING WORK TO BE PROTECTED). PER CUBIC YARD.	10.	CY	\$ 480.00	\$ 4,800.00		CY	\$ 480.00		\$ (4,800.00)
298	102/108	INSTALL IRRIGATION TAP. INCLUDES FITTINGS, PIPE, VALVE, VALVE BOX, AND CONNECTION TO IRRIGATION PUMP INTAKE. PIPE INSTALLATION INLCUDES BEDDING AND BACKFILL MATERIALS AS PER STANDARD	2.	EA	\$ 3,700.00	\$ 7,400.00	2	EA	\$ 3,700.00	\$ 7,400.00	
299B	102	102 - FURNISH AND INSTALL SCHLOTSKYS IRRIGATION CONTROL STRUCTURE. INCLUDES CLASS B CONCRETE MEETING CDOT CLASS II SULFATER RESISTANCE.	1.	LS	\$ 9,400.00	\$ 9,400.00	1	LS	\$ 9,400.00	\$ 9,400.00	

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---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
324	102.9/10 8.2	102.9/108.2 - 12" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	50.	LF	\$ 85.00	\$ 4,250.00	51.5	LF	\$ 85.00	\$ 4,377.50	\$ 127.50
355	104.4	104.40 - CAP TOP HALF OF SEWER OR WATERLINE IN CLASS B FIBERMESH CONCRETE PER STD. DETAIL GU-04. PER LF	30.	LF	\$ 96.00	\$ 2,880.00	15	LF	\$ 96.00	\$ 1,440.00	\$ (1,440.00)
360	206	STRUCTURE BACKFILL (FLOWFILL). PAID PER CY. IN AREAS WHERE SANITARY SEWER IS INSTALLED BELOW AN EXISTING A.C. WATERLINE, FLOWFILL SHALL BE USED AS TRENCH BACKFILL WITHIN 5 FEET HORIZONTALLY OF THE WATERLINE.	300.	CY	\$ 79.00	\$ 23,700.00	33.5	CY	\$ 79.00	\$ 2,646.50	\$ (21,053.50)
		COMPLETE ONLY ONE OF THE FOLLOWING TWO:									
361 <input type="checkbox"/> -RCP ONLY	103.16	IMPORTED TRENCH BACKFILL. INCLUDES DISPOSAL OF UNSUITABLE AND/OR EXCESS MATERIAL AT DISPOSAL SITE ARRANGED BY CONTRACTOR.						TON			
361 <input type="checkbox"/> -CMP ONLY	103.16	IMPORTED TRENCH BACKFILL. INCLUDES DISPOSAL OF UNSUITABLE AND/OR EXCESS MATERIAL AT DISPOSAL SITE ARRANGED BY CONTRACTOR.						TON	\$ 16.00		



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---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
362	103.15/108.7	GRANULAR STABILIZATION MATERIAL (TYPE B).	15,000.	TON	\$ 13.00	\$ 195,000.00	13154.01	TON	\$ 13.00	\$ 171,002.13	\$ (23,997.87)
366A	102.14	GROUT-SEAL HOLE OPENING IN MANHOLE, CATCH BASIN, OR PIPE STUB; DIA. LESS THAN 24 INCHES. INCLUDES WELDED WIRE MESH REINFORCING (MATCH EXISTING) WELDED TO EXISTING WIRE CAGE FOR DIA. 18" OR GREATER. PER EA.	15.	EA	\$ 200.00	\$ 3,000.00	3	EA	\$ 200.00	\$ 600.00	\$ (2,400.00)
366B	102.14	GROUT-SEAL HOLE OPENING IN MANHOLE, CATCH BASIN, OR PIPE STUB; DIA. 24 INCHES OR GREATER. INCLUDES WELDED WIRE MESH REINFORCING (MATCH EXISTING) WELDED TO EXISTING WIRE CAGE FOR DIA. 18" OR GREATER. PER EA.	2.	EA	\$ 320.00	\$ 640.00		EA	\$ 320.00		\$ (640.00)
402	102.7/108.2	102.7/108.2 - 8" WATER MAIN PIPE (C-900 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	110.	LF	\$ 65.00	\$ 7,150.00	107.5	LF	\$ 65.00	\$ 6,987.50	\$ (162.50)
418	102.8b/108.3	10" GATE VALVE (INCLUDES MEGALUG OR ONE-BOLT JOINT RESTRAINT).	2.	EA	\$ 2,000.00	\$ 4,000.00	3	EA	\$ 2,000.00	\$ 6,000.00	\$ 2,000.00
443	1102.7/108.3	10" X 10" FULL BODY WYE W/ MJ X MEGALUG OR ONE-BOLT JOINT RESTRAINT	1.	EA	\$ 1,600.00	\$ 1,600.00	1	EA	\$ 1,600.00	\$ 1,600.00	
466B	102.7/108.3	10" 45° BEND W/ MJ X MEGALUG OR ONE-BOLT JOINT RESTRAINT.	7.	EA	\$ 510.00	\$ 3,570.00	9	EA	\$ 510.00	\$ 4,590.00	\$ 1,020.00

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---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
466C	102.7/10 8.3	102.7/108.3 - 8" 22.5° BEND W/ MJ X MEGALUG OR ONE-BOLT JOINT RESTRAINT.	3.	EA	\$ 360.00	\$ 1,080.00	5	EA	\$ 360.00	\$ 1,800.00	\$ 720.00
466D	102/102. 7/ 108.3	10" JOINT-RESTRAINED CLEANOUT FOR D2241 160 PSI IRRIGATION LINE. INCLUDES MANHOLE AS PER DETAIL.	8.	EA	\$ 3,200.00	\$ 25,600.00	7	EA	\$ 3,200.00	\$ 22,400.00	\$ (3,200.00)
550	608.06	CONCRETE CURB (6" WIDE)	175.	LF	\$ 28.00	\$ 4,900.00	398.8	LF	\$ 28.00	\$ 11,166.40	\$ 6,266.40
555	608.06	CONCRETE SIDEWALK (4" THICK).	10.	SY	\$ 47.00	\$ 470.00	16.1	SY	\$ 47.00	\$ 756.70	\$ 286.70
559	608.06	MONOLITHIC VERTICAL CURB, GUTTER AND SIDEWALK (WIDTH VARIES) (PER SQ YD).	10.	SY	\$ 68.00	\$ 680.00	98.46	SY	\$ 68.00	\$ 6,695.28	\$ 6,015.28
581B	608.06	CONCRETE SLOPE PAVING (6" THICK, CLASS B, SUBMIT JOINTING PATTERN FOR APPROVAL PRIOR TO INSTALLATION).	280.	SY	\$ 77.00	\$ 21,560.00	532.1	SY	\$ 77.00	\$ 40,971.70	\$ 19,411.70
587	608.06	CONCRETE INTERSECTION CORNER. INCLUDES CURB, GUTTER, SIDEWALK, HANDICAP RAMP.	110.	SY	\$ 84.00	\$ 9,240.00	87.27	SY	\$ 84.00	\$ 7,330.68	\$ (1,909.32)
602	608.06	CONCRETE CURB AND GUTTER (2' WIDE).	1,000.	LF	\$ 23.00	\$ 23,000.00	808.5	LF	\$ 23.00	\$ 18,595.50	\$ (4,404.50)
627	610	MEDIAN COVER MATERIAL (CONCRETE)(6" THICK)(MATCH EXISTING PATTERN, COLOR)	40.	SY	\$ 140.00	\$ 5,600.00	63.96	SY	\$ 140.00	\$ 8,954.40	\$ 3,354.40

Ranchmen's Ditch Flood Control Project, Phase II, Part B											January 1, 2000
Change Order No. 2											
Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
636	608	CONCRETE PAVEMENT (8" THICK, 6" CLASS 6 A.B.C., CONCRETE SHALL MEET CLASS II SULFATE RESISTANCE, AND BE CLASS B W/ 4000 PSI MINIMUM COMPRESSIVE STRENGTH AT 28 d IN CDOT-APPROVED MIX DESIGN)	230.	SY	\$ 110.00	\$ 25,300.00	310.26	SY	\$ 110.00	\$ 34,128.60	\$ 8,828.60
654C	203	GRADE BEEHIVE DITCH INLET AREA AS SHOWN.	1.	LS	\$ 1,600.00	\$ 1,600.00	1	LS	\$ 1,600.00	\$ 1,600.00	
658	420/712	GEOGRID (STANDARD)(TENSAR BX-1100).	15,000.	SY	\$ 4.50	\$ 67,500.00	20877.33	SY	\$ 4.50	\$ 93,947.99	\$ 26,447.99
663	304	AGGREGATE BASE COURSE (CLASS 6).	43,800.	SY-INCH	\$ 2.00	\$ 87,600.00	45654.73	SY-INCH	\$ 2.00	\$ 91,309.46	\$ 3,709.46
664	304	INSTALL AND MAINTAIN TEMPORARY DRIVING SURFACE (UNTIL PAVED) USING MILLINGS FROM PROJECT, THEN FROM CITY SHOPS IF NEEDED. ALL ASPHALT SHALL BE REPLACED WITHIN 3 WEEKS OF OPENING OF ASPHALT PLANTS.	1,450.	SY	\$ 4.00	\$ 5,800.00	1073	SY	\$ 4.00	\$ 4,292.00	\$ (1,508.00)
677	401.08	HOT BITUMINOUS PAVEMENT (GRADING SX, BINDER GRADE PG 64-22).	9,200.	SY-INCH	\$ 10.00	\$ 92,000.00	13410.73	SY-INCH	\$ 10.00	\$ 134,107.30	\$ 42,107.30
696	420/712.08	GEOTEXTILE (DRAINAGE)(CLASS A)(MIRAFI 170N, CONTECH C70NW, OR APPROVED EQUIVALENT).	15,000.	SY	\$ 2.50	\$ 37,500.00	15533.77	SY	\$ 2.50	\$ 38,834.43	\$ 1,334.43
696B	420/712.08	GEOTEXTILE (DRAINAGE)(CLASS A)(MIRAFI 140N, CONTECH C45NW, OR APPROVED EQUIVALENT).	5,400.	SY	\$ 2.00	\$ 10,800.00	3925.33	SY	\$ 2.00	\$ 7,850.66	\$ (2,949.34)

Ranchmen's Ditch Flood Control Project, Phase II, Part B											January 1, 2000
Change Order No. 2											
Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
697	627	PAVEMENT MARKING PAINT (PARKING LOTS)(4" WIDE, WHITE OR YELLOW, MATCH EXISTING). PER LF.	350.	LF	\$ 1.50	\$ 525.00	567	LF	\$ 1.50	\$ 850.50	\$ 325.50
728	207	TOPSOIL: STOCKPILE AND REUSE (IF CLEAN AND APPROVED BY INSPECTOR) OR IMPORT, AND PLACE, GRADE, AND COMPACT 12" TOPSOIL. APPLIES TO LANDSCAPED AREAS WHERE SOD IS ABSENT	100.	SY	\$ 9.50	\$ 950.00	236	SY	\$ 9.50	\$ 2,242.00	\$ 1,292.00
728B	207	STOCKPILE TOP 12" OF TOPSOIL FROM ALL EXCAVATIONS AND REPLACE AS 8" LIFT AT TOP OF BACKFILL, OUTSIDE OF SERVICE ROAD FOOTPRINT. IF SUFFICIENT TOPSOIL NOT GENERATED FROM EXCAVATION USING THIS APPROACH, CONTRACT SHALL STOCKPILE ADDITIONAL CLEAN FILL FROM EXCAVATION OR IMPORT CLEAN FILL DIRT AND BLEND WITH STOCKPILE TOPSOIL FOR REPLACEMENT ABOVE BACKFILL. ALL COSTS FOR STOCKPILING, BLENDING, AND IMPORTING SHALL BE INCLUDED IN THIS PAY ITEM.	1.	LS	\$ 1,600.00	\$ 1,600.00	1	LS	\$ 1,600.00	\$ 1,600.00	
732	207/212	SOD. INCLUDES 6" OF STOCKPILED EXISTING TOPSOIL (IF APPROVED BY INSPECTOR/ENGINEER) OR 6" IMPORTED TOPSOIL.	300.	SY	\$ 6.50	\$ 1,950.00	440	SY	\$ 6.50	\$ 2,860.00	\$ 910.00

**Ranchmen's Ditch Flood Control Project, Phase II, Part B** January 1, 2000

**Change Order No. 2**

Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
735	212	SEEDING (HYDROSEEDING/HYDROMULCH APPLICATION) OF PERIPHERAL DISTURBED AREAS, INCLUDING VEHICLE TRACKS, STAGING AREAS, ETC.	18,500.	SY	\$ 1.50	\$ 27,750.00	20883.67	SY	\$ 1.50	\$ 31,325.51	\$ 3,575.51
743	214	DECIDUOUS TREE (2" CALIPER OR LARGER)(MATCH EXISTING SPECIES).	20.	EA	\$ 700.00	\$ 14,000.00		EA	\$ 700.00		\$ (14,000.00)
745	214	DECIDUOUS SHRUB/BUSH (7 GALLON)(MATCH EXISTING).	20.	EA	\$ 150.00	\$ 3,000.00		EA	\$ 150.00		\$ (3,000.00)
746	214	CONIFEROUS SHRUB/BUSH (7 GALLON)(MATCH EXISTING).	20.	EA	\$ 310.00	\$ 6,200.00		EA	\$ 310.00		\$ (6,200.00)
900	209/ 108.12	DUST ABATEMENT.	242.	DAYS	\$ 82.00	\$ 19,844.00	165	DAYS	\$ 82.00	\$ 13,530.00	\$ (6,314.00)
901	620	PORTABLE SANITARY FACILITY (PER LOCATION DAYS; UP TO THREE LOCATIONS PERMITTED).	320.	LOCATION-WORK DAYS	\$ 16.00	\$ 5,120.00	349	LOCATION-WORK DAYS	\$ 16.00	\$ 5,584.00	\$ 464.00
902	625	CONSTRUCTION SURVEYING, INCLUDING AS-BUILT DRAWINGS.	1.	LS	\$ 39,000.00	\$ 39,000.00	1	LS	\$ 39,000.00	\$ 39,000.00	
902A	629	REFERENCE AND RESET SURVEY MONUMENT.	5.	EA	\$ 440.00	\$ 2,200.00		EA	\$ 440.00		\$ (2,200.00)
903	626	MOBILIZATION.	1.	LS	\$ 59,000.00	\$ 59,000.00	1	LS	\$ 59,000.00	\$ 59,000.00	
904	630	TRAFFIC CONTROL PLAN.	1.	LS	\$ 990.00	\$ 990.00	1	LS	\$ 990.00	\$ 990.00	
905	630	TRAFFIC CONTROL (COMPLETE IN PLACE).	1.	LS	\$ 45,000.00	\$ 45,000.00	1	LS	\$ 45,000.00	\$ 45,000.00	
906	630	TRAFFIC CONTROL FLAGGING HOURS.	600.	HRS	\$ 24.00	\$ 14,400.00	166.5	HRS	\$ 24.00	\$ 3,996.00	\$ (10,404.00)

**Ranchmen's Ditch Flood Control Project, Phase II, Part B**  
**Change Order No. 2**

January 1, 2000

Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
907	208	STORMWATER MANAGEMENT PLAN IMPLEMENTATION.	1.	LS	\$ 55,000.00	\$ 55,000.00	1	LS	\$ 55,000.00	\$ 55,000.00	
908	QC56	WEEKLY NEWSLETTERS (APPROXIMATELY 1800 PER DISTRIBUTION).	1.	LS	\$ 38,000.00	\$ 38,000.00	0.68	LS	\$ 38,000.00	\$ 25,840.00	\$ (12,160.00)
909	630	BEEHIVE NIGHT WORK SUPPLEMENT. INCLUDES LIGHT PLANTS, OVERTIME, AND INCIDENTALS SPECIFIC TO NIGHT WORK AT BEEHIVE PATTERSON CROSSING.	1.	LS	\$ 18,000.00	\$ 18,000.00	1	LS	\$ 18,000.00	\$ 18,000.00	
		ADDENDUM No. 1									
678	401	INSTALL, MAINTAIN, AND REMOVE TEMPORARY ACCESS RAMP USING PROJECT-GENERATED MILLINGS OR MILLINGS FROM CITY SHOPS. CONTRACTOR SHALL PROVIDE TRUCKING IF OBTAINED FROM CITY SHOPS. RAMP TO BE BUILT TO PROVIDE ACCESS OVER CURB DURING OBSTRUCTION OF DRIVE.	1.	EA	\$ 3,900.00	\$ 3,900.00		EA	\$ 3,900.00		\$ (3,900.00)
CO-1 <input type="checkbox"/> 361 Rev <input type="checkbox"/>	103.16	Change Order No. 1 IMPORTED TRENCH BACKFILL. INCLUDES DISPOSAL OF UNSUITABLE AND/OR EXCESS MATERIAL AT DISPOSAL SITE ARRANGED BY CONTRACTOR.	35,000.	TON	\$ 9.60	\$ 336,000.00	37352.33	TON	\$ 9.60	\$ 358,582.37	\$ 22,582.37

**Ranchmen's Ditch Flood Control Project, Phase II, Part B**  
**Change Order No. 2**

January 1, 2000

Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
126 [1] <input type="checkbox"/>	102/108. 2/706.03	PRE-PURCHASED PIPE: STOCKPILE, PROTECT AND DELIVER TO SITE (COST BORNE BY GJ PIPE), STORM DRAIN PIPE (78" RCP, TONGUE AND GROOVE, GASKETED, WALL-C, ASTM C 76/C 443, CLASS II ). PER LF.	536.	LF	\$ 212.00	\$ 113,632.00	536	LF	\$ 212.00	\$ 113,632.00	
127 [1] <input type="checkbox"/>	102/108. 2/706.03	PRE-PURCHASED PIPE: STOCKPILE, PROTECT AND DELIVER TO SITE(COST BORNE BY GJ PIPE) STORM DRAIN PIPE (90" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	3,200.	LF	\$ 233.00	\$ 745,600.00	3200	LF	\$ 233.00	\$ 745,600.00	
128 [1] <input type="checkbox"/>	102/108. 2/706.03	PRE-PURCHASED PIPE: STOCKPILE, PROTECT AND DELIVER TO SITE(COST BORNE BY GJ PIPE) STORM DRAIN PIPE (96" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	1,440.	LF	\$ 258.00	\$ 371,520.00	1440	LF	\$ 258.00	\$ 371,520.00	
129 [1] <input type="checkbox"/>	102/108. 2/706.03	INSTALL AS PER SPECIFICATIONS, STORM DRAIN PIPE (78" RCP, TONGUE AND GROOVE, GASKETED, WALL-C, ASTM C 76/C 443, CLASS II ). PER LF.	536.	LF	\$ 198.00	\$ 106,128.00	536	LF	\$ 198.00	\$ 106,128.00	
130 [1] <input type="checkbox"/>	102/108. 2/706.03	INSTALL AS PER SPECIFICATIONS, STORM DRAIN PIPE (90" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	3,200.	LF	\$ 70.00	\$ 224,000.00	3200	LF	\$ 70.00	\$ 224,000.00	

Ranchmen's Ditch Flood Control Project, Phase II, Part B											January 1, 2000
Change Order No. 2											
Item No.	CDOT, City Ref.	Description	Current Contract [1]				Revised				Change
			Quantity	Units	Unit Price	Extended Price	Quantity	Units	Unit Price	Extended Price	
---	---	Construction Period	221	Cal. Days	---	---	221	Cal. Days	---	---	-
131 [1] <input type="checkbox"/>	102/108. 2/706.03	INSTALL AS PER SPECIFICATIONS, STORM DRAIN PIPE (96" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	1,440.	LF	\$ 61.00	\$ 87,840.00	1440	LF	\$ 61.00	\$ 87,840.00	
MCR		Minor Contract Revisions	---	---	\$ 250,000.00	<u>\$ 250,000.00</u>	---	---	\$ 22,192.26	<u>\$ 22,192.26</u>	<u>\$(227,807.74)</u>
		TOTALS:				\$ 5,693,185.00				\$ 5,347,019.11	<u>\$(346,165.89)</u>
	[x] - See Change Order No. "x"										



**Certificate For Payment**  
**City of Grand Junction, Department of Public Works**

Project: **Ranchmen's Ditch Flood Control Project, Phase II, Part B**  
 Contractor: Arapahoe Utilities & Infrastructure  
 Pay Estimate No.: 9 Final Payment Date: May 3, 2009  
 Pay Period: 3-May-09 to 3-May-09

**Contract Status:**

Original Contract Total	\$ 5,693,185.00
Change Orders [1]	<u>0.00</u>
<b>Current Contract Total</b>	<b>\$ 5,693,185.00</b>

**Earnings:**

Previous amount earned	\$ 5,334,378.71	
Amount earned this period	<u>12,640.40</u>	
Total earned to date	\$ 5,347,019.11	94% of Contract Amount

Retainage to date: 5% of Contract Amount	(246,596.34)
Previous payments	<u>(5,087,782.37)</u>

**Current Amount Due: \$ 12,640.40**

Account: 202-330-010-8440-F002203  
 Account: N/A  
 Account: N/A  
 Account: N/A  
 Account: N/A

**Contract Progress:**

Contract -time start date: 23-Sep-08 End date: 1-May-09

Original time:	221 Cal. Days
Time adjustments:	<u>0 Cal. Days</u>
Total time:	221 Cal. Days

Time used: 222 Cal. Days 100% of Contract Time

This Certificate of Payment was prepared for the City of Grand Junction, Colorado

Prepared by: David Donohue Date: 4/6/10  
 David Donohue, Project Engineer

Approved by: Bret Guillory Date: 4/19/10  
 Bret Guillory, Utility Engineer

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_  
 N/A

The undersigned Contractor certifies that all previous progress payments received from the City under this contract have been applied by the undersigned to discharge all obligations incurred in connection with the Work and that the Work covered by this Certificate for Payment has been completed in accordance with the Contract Documents.

Contractor: **Arapahoe Utilities & Infrastructure**

Certified by: Bob Livermore Date: 07-07-2010

# Ranchmen's Ditch Flood Control Project, Phase II, Part B

# Pay Estimate No. 9

Contractor: Arapahoe Utilities & Infrastructure

From: 3-May-09

Project Engineer: David Donohue, Project Engineer

To: 3-May-09

Construction Inspector: Mark Franklin, Construction Inspector

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
---	Construction Period	221	Cal. Days	---	---	222	0	222	---	---	---	100%
1	FULL DEPTH REMOVAL OF ASPHALT MAT. MILL OR CUT AND REMOVE AS SHOWN. PER SY.	1,600.	SY	\$ 8.00	\$ 12,800.00	2,485.35		2,485.35	\$ 19,882.80		\$ 19,882.80	155%
3	REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO SIDEWALK, MONOLITHIC CG&SW, MEDIAN, SLABS, V-PAN, APRONS, AND OTHER AREA CONCRETE SURFACES. DOES NOT INCLUDE CURB OR CURB AND GUTTER.	600.	SY	\$ 13.00	\$ 7,800.00	802.6		802.6	\$ 10,433.80		\$ 10,433.80	134%
3B	REMOVAL OF CONCRETE CURB AND CURB & GUTTER. WIDTH VARIES. (PER L.F.)	2,000.	LF	\$ 7.00	\$ 14,000.00	881.		881.	\$ 6,167.00		\$ 6,167.00	44%
4	REMOVAL OF TREE (SIZE AS SHOWN ON PLAN)	15.	EA	\$ 150.00	\$ 2,250.00	1.		1.	\$ 150.00		\$ 150.00	7%
5	REMOVAL OF BUSH	40.	EA	\$ 28.00	\$ 1,120.00	7.		7.	\$ 196.00		\$ 196.00	18%
15	REMOVAL OF PIPE AS SHOWN. (DIA 30" OR LESS). PER LF	300.	LF	\$ 10.00	\$ 3,000.00	364.		364.	\$ 3,640.00		\$ 3,640.00	121%
15B	REMOVAL OF PIPE AS SHOWN (DIA/SPAN > 30," SIZE AND TYPE AS SHOWN ON PLAN).	900.	LF	\$ 16.00	\$ 14,400.00	848.5		848.5	\$ 13,576.00		\$ 13,576.00	94%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
15C	REMOVAL OF STRUCTURAL CONCRETE. PER SF OF AREA PER SF OF THICKNESS (THICKNESS LESS THAN 1 FOOT MEASURED AS ONE FT THICKNESS). WALL THICKNESS VARIES. QTY DETERMINATION. EX.: 4X4X4 FT BOX, 1 FT THICK = 76SF.	2,700.	SF-FOOT	\$ 4.00	\$ 10,800.00	2,075.1		2,075.1	\$ 8,300.40		\$ 8,300.40	77%
16	REMOVAL OF MANHOLE OR CONCRETE IRRIGATION BOX. SALVAGE RING AND COVER/GRATE AND DELIVER TO CITY SHOPS.	4.	EA	\$ 1,200.00	\$ 4,800.00	3.		3.	\$ 3,600.00		\$ 3,600.00	75%
23	RESET LANDSCAPE APPURTENANCE. (TYPE AS SHOWN ON PLAN)	17.	EA	\$ 290.00	\$ 4,930.00	2.		2.	\$ 580.00		\$ 580.00	12%
100	RESET LANDSCAPE GROUND COVER (DECORATIVE ROCK, BARK, WOODCHIPS, ETC.). 2" MIN., MATCH EXISTING THICKNESS, SIZE, AND TYPE. STOCKPILE AND REUSE IF FREE OF DITIRUS, OR PROVIDE NEW. WEED BARRIER REQUIRED (INCIDENTAL). (PER SQ YD)	100.	SY	\$ 7.00	\$ 700.00	154.31		154.31	\$ 1,080.17		\$ 1,080.17	154%
102	RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)	50.	LF	\$ 76.00	\$ 3,800.00	23.		23.	\$ 1,748.00		\$ 1,748.00	46%
102A	RESET DECORATIVE FENCE (INCLUDES RESET OF ELECTRIC SERVICE).	40.	LF	\$ 110.00	\$ 4,400.00	38.		38.	\$ 4,180.00		\$ 4,180.00	95%
107	RESET FIRE HYDRANT.	2.	EA	\$ 830.00	\$ 1,660.00	1.		1.	\$ 830.00		\$ 830.00	50%
109	RESET GATE (MATCH HEIGHT, WIDTH, MATERIAL).	30.	LF	\$ 99.00	\$ 2,970.00							0%
116	RESET GUARD RAIL	50.	LF	\$ 170.00	\$ 8,500.00							0%
119	REMOVE AND RESET PARKING LOT LIGHT. PER EA.	3.	EA	\$ 2,500.00	\$ 7,500.00							0%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
125	RESET PARKING BUMPER.	30.	EA	\$ 16.00	\$ 480.00							0%
127	RESET MANHOLE/CATCH BASIN. INCLUDES RE-CONNECTION OF LATERALS. MATCH EXISTING INVERTS/RIM ELEV UNLESS SPECIFIED OTHERWISE.	4.	EA	\$ 660.00	\$ 2,640.00	1.		1.	\$ 660.00		\$ 660.00	25%
128	RESET MARQUIS SIGN. INCLUDES RECONNECTION OF ELECTRIC SERVICE BY LICENSED ELECTRICIAN. REQUIRES SUBMITTAL OF SHOP DRAWINGS FOR SIGN BASE/PEDESTAL STAMPED BY LICENSED P.E.	2.	EA	\$ 1,100.00	\$ 2,200.00	1.		1.	\$ 1,100.00		\$ 1,100.00	50%
129	210 - RESET IRRIGATION PUMP. INCLUDES RESET OF ELECTRICAL, PIPING, CONCRETE PAD, AND PROTECTIVE COVER/SHELTER.	2.	EA	\$ 4,700.00	\$ 9,400.00	1.		1.	\$ 4,700.00		\$ 4,700.00	50%
131	RESET BOLLARD	6.	EA	\$ 56.00	\$ 336.00	3.		3.	\$ 168.00		\$ 168.00	50%
132	RESET MANHOLE. INCLUDES REMOVAL OF BASE TO FACILITATE ACCESS TO CONDUITS AND INSTALLATION OF NEW BASE WITH CONNECTION TO CONDUITS. GRADES SHALL MATCH EXISTING UNLESS INDICATED OTHERWISE ON PLANS.	1.	EA	\$ 660.00	\$ 660.00	1.		1.	\$ 660.00		\$ 660.00	100%
200	STORM SEWER BASIC MANHOLE (48" I.D.) INCLUDES CONNECTION OF ADJACENT STORM SEWER LINES, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL D-03).	5.	EA	\$ 3,200.00	\$ 16,000.00	4.		4.	\$ 12,800.00		\$ 12,800.00	80%
202	MANHOLE BARREL SECTION (D > 5')(48" I.D.).	20.	VLF	\$ 720.00	\$ 14,400.00							0%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
209	CURB INLET, TYPE R, TRIPLE (15 FT LONG CURB OPENING, H = 5 FT), AS PER CDOT STANDARD PLAN NO. M-604-12.	9.	EA	\$ 8,000.00	\$ 72,000.00	9.		9.	\$ 72,000.00		\$ 72,000.00	100%
210	SMALL AREA INLET. INCLUDES DIRECT CONNECTION TO TOP OF STORM SEWER MAIN, INCLUDING CUTTING HOLE INTO MAIN, NO. 5 DOWELS FROM INLET BOX INTO MAIN AT 12" O.C., AND CONCRETE COLLAR AT CONNECTION.	2.	EA	\$ 2,200.00	\$ 4,400.00	1.		1.	\$ 2,200.00		\$ 2,200.00	50%
223	24" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	70.	LF	\$ 85.00	\$ 5,950.00	76.		76.	\$ 6,460.00		\$ 6,460.00	109%
224	30" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	15.	LF	\$ 130.00	\$ 1,950.00	11.		11.	\$ 1,430.00		\$ 1,430.00	73%
224B	36" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	100.	LF	\$ 310.00	\$ 31,000.00	91.		91.	\$ 28,210.00		\$ 28,210.00	91%
224C	48" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	16.	LF	\$ 210.00	\$ 3,360.00	16.		16.	\$ 3,360.00		\$ 3,360.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
245	10" ASTM D2241 PVC 160 PSI (SDR-26) PRESSURE PIPE (IPS). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16. THRUST BLOCKS AND TRACING WIRE REQUIRED AS PER STD. DETAILS (INCIDENTAL)	4,700.	LF	\$ 34.00	\$ 159,800.00	4,641.47		4,641.47	\$ 157,809.98		\$ 157,809.98	99%
256	INSTALL 18" INLINE CHECK VALVE. TIDEFLEX SERIES 37-G INSERTABLE (POLYURETHANE RUBBER). OUTFLOW END OF CHECKVALVE SHALL NOT PROTRUDE INTO STORM MAIN.	3.	EA	\$ 7,000.00	\$ 21,000.00		0.55	0.55		\$ 3,864.75	\$ 3,864.75	18%
257	CONNECT LATERAL TO STORM SEWER MAIN/MANHOLE. DIA. OF LATERAL = 24" OR LESS. DIA. OF MAIN VARIES. INCLUDES CUTTING HOLE IN MAIN AND SEALING IN MAIN WITH WATERSTOP RX AND NON-SHRINK GROUT. LATERAL OUTFALL SHALL BE FLUSH WITH INSIDE WALL OF MAIN.	33.	EA	\$ 570.00	\$ 18,810.00	40.		40.	\$ 22,800.00		\$ 22,800.00	121%
257B	CONNECT LATERAL TO STORM SEWER MAIN. DIA. OF LATERAL > 24." DIA. OF MAIN VARIES. INCLUDES CUTTING HOLE IN MAIN, EXPOSING REINFORCING IN MAIN AND WELDING MAIN REINFORCING TO LATERAL REINFORCING, AND MORTORING JOINT WITH LOW-SLUMP CLASS D CONCRETE. WALL THICKNESS AT JOINT SHALL MATCH EXISTING WALL THICKNESS. FILLET AT OUTSIDE EDGE OF JOINT SHALL BE 9" RADIUS.	2.	EA	\$ 770.00	\$ 1,540.00	2.		2.	\$ 1,540.00		\$ 1,540.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
257C	CONNECT LATERAL 4' SPAN X 2' RISE RCB (OR CMB) TO 90° RCP. RCB TO BE ASTM C1433. RCB/CMB PAID FOR SEPERATELY. CONNECTION CAN BE FABRICATED IN SHOP OR FIELD. REQUIRES CONNECTION OF REINFORCEMENT STEEL IN RCB TO REINFORCEMENT STEEL IN RCP. SHOP DRAWINGS STAMPED BY PE SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. FILLET AT INSIDE EDGE OF JOINT SHALL BE 6" RADIUS.	1.	EA	\$ 6,700.00	\$ 6,700.00	1.		1.	\$ 6,700.00		\$ 6,700.00	100%
258	INSTALL IRRIGATION MAIN/LATERAL CONDUIT (PVC, 1" TO 4" DIA.) TO REPAIR LINES CUT/REMOVED FURING TRENCHING. IRRIGATION MAINS AND LATERALS GENERALLY NOT LOCATED OR SHOWN ON PLANS. INCLUDES REPAIR COUPLINGS. REMOVAL OF DAMAGED/CUT IRRIGATION CONDUIT IS INCIDENTAL TO THIS PAY ITEM.	300.	LF	\$ 6.00	\$ 1,800.00	574.5	50.	624.5	\$ 3,447.00	\$ 300.00	\$ 3,747.00	208%
259	INSTALL SPRINKLER-HEAD DISTRIBUTION CONDUIT (<1" DIA.)(MATCH EXISTING CONDUIT TYPE)(INCLUDES FITTINGS TEES, BENDS, AND TAPS TO LATERALS)	200.	LF	\$ 45.00	\$ 9,000.00							0%
260	RESET SPRINKLER HEAD; SAVE AND REUSE EXISTING IF UNDAMAGED OR INSTALL NEW. MATCH EXISTING SIZE AND TYPE. SIZE AND TYPE VARY. INCLUDES FITTINGS. NOT ALL HEADS SHOWN ON PLANS. CONTRACTOR SHALL FIELD LOCATE AND RESET IN SAME LOCATION AND ORIENTATION. PER EA.	20.	EA	\$ 36.00	\$ 720.00	23.		23.	\$ 828.00		\$ 828.00	115%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
261	TEE FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(MATCH EXISTING). PER EA.	20.	EA	\$ 4.50	\$ 90.00	19.	1.	20.	\$ 85.50	\$ 4.50	\$ 90.00	100%
262	CROSS FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(MATCH EXISTING). PER EA.	10.	EA	\$ 4.00	\$ 40.00							0%
263	ELBOW FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(ANGLE OF BEND VARIES)(MATCH EXISTING). PER EA.	30.	EA	\$ 4.50	\$ 135.00	15.	2.	17.	\$ 67.50	\$ 9.00	\$ 76.50	57%
264	REDUCER FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(DIMENSIONS OF REDUCER VARY)(MATCH EXISTING). PER EA.	10.	EA	\$ 4.50	\$ 45.00	29.		29.	\$ 130.50		\$ 130.50	290%
267	16" CASING PIPE (165 PSI C-905 PVC)(INCLUDES CASING SPACERS, END SEALS, AND JOINT RESTRAINT ON CASING PIPE)	55.	LF	\$ 86.00	\$ 4,730.00	47.		47.	\$ 4,042.00		\$ 4,042.00	85%
269A	BYPASS PUMPING (RANCHMEN'S DITCH TO OVERPASS CANAL AT HORIZON GLEN)	1.	LS	\$ 110,000.00	\$ 110,000.00	1.		1.	\$ 110,000.00		\$ 110,000.00	100%
269B	BYPASS PUMPING (BEEHIVE DRAIN CROSSING AT F 1/2 RD. TO GVIC CANAL)	1.	LS	\$ 20,000.00	\$ 20,000.00	1.		1.	\$ 20,000.00		\$ 20,000.00	100%
270 [1]	STORM DRAIN PIPE (78" RCP, TONGUE AND GROOVE, GASKETED, WALL-C, ASTM C 76/C 443, CLASS II). PER LF.	84.	LF	\$ 410.00	\$ 34,440.00	84.		84.	\$ 34,440.00		\$ 34,440.00	100%
	COMPLETE ONLY ONE OF THE FOLLOWING TWO:			\$	-							
271 -RCP ONLY [1]	STORM DRAIN PIPE (90" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	4,100.	LF	\$ 303.00	\$ 1,242,300.00	4,085.6		4,085.6	\$ 1,237,936.80		\$ 1,237,936.80	100%



Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
271 -CMP ONLY [1]	STORM DRAIN PIPE (90" CONTECH SMOOTHCOR DOUBLE WALL POLYMER-COATED, GALVANIZED, CORRUGATED METAL, 18-GAUGE INNER PIPE, 12-GAUGE OUTER PIPE)(ASTM A 742, ASTM A 762 TYPE IA, ASTM A 796, ASTM A 798). PER LF.		LF		\$ -							
	COMPLETE ONLY ONE OF THE FOLLOWING TWO:				\$ -							
271B -RCP ONLY [1]	STORM DRAIN PIPE (96" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	630.	LF	\$ 319.00	\$ 200,970.00	623.16		623.16	\$ 198,788.04		\$ 198,788.04	99%
271B -CMP ONLY [1]	STORM DRAIN PIPE (96" CONTECH SMOOTHCOR DOUBLE WALL POLYMER-COATED, GALVANIZED, CORRUGATED METAL, 18-GAUGE INNER PIPE, 12-GAUGE OUTER PIPE)(ASTM A 742, ASTM A 762 TYPE IA, ASTM A 796, ASTM A 798). PER LF.		LF		\$ -							
	COMPLETE ONLY ONE OF THE FOLLOWING TWO:				\$ -							
271C -RCP ONLY	STORM DRAIN PIPE (8'X96"X90" RCP FLARE, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II). FLARE SHALL HAVE FLAT, HORIZONTAL FLOW LINE IDENTICAL TO CONVENTIONAL STICK OF PIPE.	3.	EA	\$ 4,600.00	\$ 13,800.00	3.		3.	\$ 13,800.00		\$ 13,800.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
271C -CMP ONLY	STORM DRAIN PIPE (8"X96"X90" CMP FLARE, CONTECH SMOOTHCOR DOUBLE WALL POLYMER-COATED, GALVANIZED, CORRUGATED METAL, 18-GAUGE INNER PIPE, 12-GAUGE OUTER PIPE)(ASTM A 742, ASTM A 762 TYPE IA, ASTM A 796, ASTM A 798).	3.	EA		\$ -							
274	RCP/PIPE BUTT JOINT AS PER DETAIL. PER LINEAL FOOT OF PIPE/BOX O.D./PERIMETER.	400.	LF	\$ 42.00	\$ 16,800.00	128.		128.	\$ 5,376.00		\$ 5,376.00	32%
276	CONNECT NEW STORM/IRR. PIPE TO EXISTING STORM/IRR. PIPE USING CALDER/FERNCO TYPE COUPLING. DIA. 4" TO 18". GAP BETWEEN BUTT ENDS OF JOINED PIPE = 0.5" MAX.	25.	EA	\$ 270.00	\$ 6,750.00	20.		20.	\$ 5,400.00		\$ 5,400.00	80%
276A	STORM SEWER LATERAL. DIA. 18" OR LESS (MATCH EXISTING). PVC SDR-35. INCLUDES TYPE-A BEDDING AND HAUNCHING AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	200.	LF	\$ 36.00	\$ 7,200.00	347.5		347.5	\$ 12,510.00		\$ 12,510.00	174%
279E	5' RISE X 7' SPAN RCB (2 FT COVER, ASTM C 1433/C 433)	38.	LF	\$ 580.00	\$ 22,040.00	38.5		38.5	\$ 22,330.00		\$ 22,330.00	101%
279F	8' LONG X 5' RISE X 7' SPAN RCB TO ARCH PIPE TRANSITION STRUCTURE. SEE DETAILS FOR FILLET SHAPE. FIELD MEASURE TO VERIFY DIMENSION AND SHAPE OF FILLET PRIOR TO FABRICATION. SHOP DRAWING SUBMITTAL REQUIRED. (2 FT COVER, ASTM C 1433/C 433).	1.	EA	\$ 6,500.00	\$ 6,500.00	1.		1.	\$ 6,500.00		\$ 6,500.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
280A	REINFORCED CONCRETE JUNCTION BOX AT SCHLOTSKY'S. INCLUDES ALL EXCAVATION, SHORING, BACKFILL, MATERIALS, CONNECTION TO STORM MAINS AND LATERALS, MANHOLES, AND CONSTRUCTION AS SHOWN ON STRUCTURAL DRAWINGS. SUBMITTALS INCLUDING BUT NOT LIMITED TO REINFORCING, MIX DESIGN, CONSTRUCTION STAGING, SHORING, AND JOINING OF CONDUITS AND JUNCTION BOX ARE REQUIRED.	1.	LS	\$ 110,000.00	\$ 110,000.00	1.		1.	\$ 110,000.00		\$ 110,000.00	100%
280B	REINFORCED CONCRETE BROAD CRESTED WEIR IN GVIC CANAL SOUTHWEST OF REDLANDS PKWY OVERPASS. INCLUDES BYPASS PUMPING/DIVERSION IF REQUIRED, SHOP DRAWINGS, AND MIX DESIGN.	1.	LS	\$ 9,600.00	\$ 9,600.00	1.		1.	\$ 9,600.00		\$ 9,600.00	100%
281F	CONCRETE HEADWALL (BEEHIVE). 1 FOOT THICK, CLASS B CONCRETE MEETING CDOT TYPE II SULFATE RESISTANCE. #4 BARS @ 12" O.C. VERT AND HORIZ. FRONT FACE AND BACK FACE. INCLUDES TRASH RACK AS SHOWN. REINFORCING STEEL INCIDENTAL.	1.	LS	\$ 5,000.00	\$ 5,000.00	1.		1.	\$ 5,000.00		\$ 5,000.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
298	INSTALL IRRIGATION TAP. INCLUDES FITTINGS, PIPE, VALVE, VALVE BOX, AND CONNECTION TO IRRIGATION PUMP INTAKE. PIPE INSTALLATION INLCUDES BEDDING AND BACKFILL MATERIALS AS PER STANDARD SPECIFICATIONS.	2.	EA	\$ 3,700.00	\$ 7,400.00	2.		2.	\$ 7,400.00		\$ 7,400.00	100%
299B	102 - FURNISH AND INSTALL SCHLOTSKYS IRRIGATION CONTROL STRUCTURE. INCLUDES CLASS B CONCRETE MEETING CDOT CLASS II SULFATER RESISTANCE.	1.	LS	\$ 9,400.00	\$ 9,400.00	1.		1.	\$ 9,400.00		\$ 9,400.00	100%
324	102.9/108.2 - 12" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	50.	LF	\$ 85.00	\$ 4,250.00	51.5		51.5	\$ 4,377.50		\$ 4,377.50	103%
355	104.40 - CAP TOP HALF OF SEWER OR WATERLINE IN CLASS B FIBERMESH CONCRETE PER STD. DETAIL GU-04. PER LF	30.	LF	\$ 96.00	\$ 2,880.00	15.		15.	\$ 1,440.00		\$ 1,440.00	50%
360	STRUCTURE BACKFILL (FLOWFILL). PAID PER CY. IN AREAS WHERE SANITARY SEWER IS INSTALLED BELOW AN EXISTING A.C. WATERLINE, FLOWFILL SHALL BE USED AS TRENCH BACKFILL WITHIN 5 FEET HORIZONTALLY OF THE WATERLINE.	300.	CY	\$ 79.00	\$ 23,700.00	33.5		33.5	\$ 2,646.50		\$ 2,646.50	11%
	COMPLETE ONLY ONE OF THE FOLLOWING TWO:			\$	-							
361	IMPORTED TRENCH BACKFILL. INCLUDES DISPOSAL OF UNSUITABLE AND/OR EXCESS MATERIAL AT DISPOSAL SITE ARRANGED BY CONTRACTOR.		TON	\$	-							
-RCP ONLY [1]												

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
361 -CMP ONLY [1]	IMPORTED TRENCH BACKFILL. INCLUDES DISPOSAL OF UNSUITABLE AND/OR EXCESS MATERIAL AT DISPOSAL SITE ARRANGED BY CONTRACTOR.		TON	\$ 16.00	\$ -							
362	GRANULAR STABILIZATION MATERIAL (TYPE B).	15,000.	TON	\$ 13.00	\$ 195,000.00	13,154.01		13,154.01	\$ 171,002.13		\$ 171,002.13	88%
366A	GROUT-SEAL HOLE OPENING IN MANHOLE, CATCH BASIN, OR PIPE STUB; DIA. LESS THAN 24 INCHES. INCLUDES WELDED WIRE MESH REINFORCING (MATCH EXISTING) WELDED TO EXISTING WIRE CAGE FOR DIA. 18" OR GREATER. PER EA.	15.	EA	\$ 200.00	\$ 3,000.00	3.		3.	\$ 600.00		\$ 600.00	20%
366B	GROUT-SEAL HOLE OPENING IN MANHOLE, CATCH BASIN, OR PIPE STUB; DIA. 24 INCHES OR GREATER. INCLUDES WELDED WIRE MESH REINFORCING (MATCH EXISTING) WELDED TO EXISTING WIRE CAGE FOR DIA. 18" OR GREATER. PER EA.	2.	EA	\$ 320.00	\$ 640.00							0%
402	102.7/108.2 - 8" WATER MAIN PIPE (C-900 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	110.	LF	\$ 65.00	\$ 7,150.00	107.5		107.5	\$ 6,987.50		\$ 6,987.50	98%
418	10" GATE VALVE (INCLUDES MEGALUG OR ONE-BOLT JOINT RESTRAINT).	2.	EA	\$ 2,000.00	\$ 4,000.00	3.		3.	\$ 6,000.00		\$ 6,000.00	150%
443	10" X 10" FULL BODY WYE W/ MJ X MEGALUG OR ONE-BOLT JOINT RESTRAINT	1.	EA	\$ 1,600.00	\$ 1,600.00	1.		1.	\$ 1,600.00		\$ 1,600.00	100%
466B	10" 45° BEND W/ MJ X MEGALUG OR ONE-BOLT JOINT RESTRAINT.	7.	EA	\$ 510.00	\$ 3,570.00	9.		9.	\$ 4,590.00		\$ 4,590.00	129%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
466C	102.7/108.3 - 8" 22.5° BEND W/ MJ X MEGALUG OR ONE-BOLT JOINT RESTRAINT.	3.	EA	\$ 360.00	\$ 1,080.00	5.		5.	\$ 1,800.00		\$ 1,800.00	167%
466D	10" JOINT-RESTRAINED CLEANOUT FOR D2241 160 PSI IRRIGATION LINE. INCLUDES MANHOLE AS PER DETAIL.	8.	EA	\$ 3,200.00	\$ 25,600.00	7.		7.	\$ 22,400.00		\$ 22,400.00	88%
550	CONCRETE CURB (6" WIDE)	175.	LF	\$ 28.00	\$ 4,900.00	398.8		398.8	\$ 11,166.40		\$ 11,166.40	228%
555	CONCRETE SIDEWALK (4" THICK).	10.	SY	\$ 47.00	\$ 470.00	16.1		16.1	\$ 756.70		\$ 756.70	161%
559	MONOLITHIC VERTICAL CURB, GUTTER AND SIDEWALK (WIDTH VARIES) (PER SQ YD).	10.	SY	\$ 68.00	\$ 680.00	98.46		98.46	\$ 6,695.28		\$ 6,695.28	985%
581B	CONCRETE SLOPE PAVING (6" THICK, CLASS B, SUBMIT JOINTING PATTERN FOR APPROVAL PRIOR TO INSTALLATION).	280.	SY	\$ 77.00	\$ 21,560.00	489.94	42.16	532.1	\$ 37,725.38	\$ 3,246.32	\$ 40,971.70	190%
587	CONCRETE INTERSECTION CORNER. INCLUDES CURB, GUTTER, SIDEWALK, HANDICAP RAMP.	110.	SY	\$ 84.00	\$ 9,240.00	87.27		87.27	\$ 7,330.68		\$ 7,330.68	79%
602	CONCRETE CURB AND GUTTER (2' WIDE).	1,000.	LF	\$ 23.00	\$ 23,000.00	808.5		808.5	\$ 18,595.50		\$ 18,595.50	81%
627	MEDIAN COVER MATERIAL (CONCRETE)(6" THICK)(MATCH EXISTING PATTERN, COLOR)	40.	SY	\$ 140.00	\$ 5,600.00	63.96		63.96	\$ 8,954.40		\$ 8,954.40	160%
636	CONCRETE PAVEMENT (8" THICK, 6" CLASS 6 A.B.C., CONCRETE SHALL MEET CLASS II SULFATE RESISTANCE, AND BE CLASS B W/ 4000 PSI MINIMUM COMPRESSIVE STRENGTH AT 28 d IN CDOT-APPROVED MIX DESIGN)	230.	SY	\$ 110.00	\$ 25,300.00	310.26		310.26	\$ 34,128.60		\$ 34,128.60	135%
654C	GRADE BEEHIVE DITCH INLET AREA AS SHOWN.	1.	LS	\$ 1,600.00	\$ 1,600.00	1.		1.	\$ 1,600.00		\$ 1,600.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
658	GEOGRID (STANDARD)(TENSAR BX-1100).	15,000.	SY	\$ 4.50	\$ 67,500.00	20,877.33		20,877.33	\$ 93,947.99		\$ 93,947.99	139%
663	AGGREGATE BASE COURSE (CLASS 6).	43,800.	SY-INCH	\$ 2.00	\$ 87,600.00	45,654.73		45,654.73	\$ 91,309.46		\$ 91,309.46	104%
664	INSTALL AND MAINTAIN TEMPORARY DRIVING SURFACE (UNTIL PAVED) USING MILLINGS FROM PROJECT, THEN FROM CITY SHOPS IF NEEDED. ALL ASPHALT SHALL BE REPLACED WITHIN 3 WEEKS OF OPENING OF ASPHALT PLANTS.	1,450.	SY	\$ 4.00	\$ 5,800.00	1,073.		1,073.	\$ 4,292.00		\$ 4,292.00	74%
677	HOT BITUMINOUS PAVEMENT (GRADING SX, BINDER GRADE PG 64-22).	9,200.	SY-INCH	\$ 10.00	\$ 92,000.00	13,410.73		13,410.73	\$ 134,107.30		\$ 134,107.30	146%
696	GEOTEXTILE (DRAINAGE)(CLASS A)(MIRAFI 170N, CONTECH C70NW, OR APPROVED EQUIVALENT).	15,000.	SY	\$ 2.50	\$ 37,500.00	15,533.77		15,533.77	\$ 38,834.43		\$ 38,834.43	104%
696B	GEOTEXTILE (DRAINAGE)(CLASS A)(MIRAFI 140N, CONTECH C45NW, OR APPROVED EQUIVALENT).	5,400.	SY	\$ 2.00	\$ 10,800.00	3,925.33		3,925.33	\$ 7,850.66		\$ 7,850.66	73%
697	PAVEMENT MARKING PAINT (PARKING LOTS)(4" WIDE, WHITE OR YELLOW, MATCH EXISTING). PER LF.	350.	LF	\$ 1.50	\$ 525.00	567.		567.	\$ 850.50		\$ 850.50	162%
728	TOPSOIL: STOCKPILE AND REUSE (IF CLEAN AND APPROVED BY INSPECTOR) OR IMPORT, AND PLACE, GRADE, AND COMPACT 12" TOPSOIL. APPLIES TO LANDSCAPED AREAS WHERE SOD IS ABSENT	100.	SY	\$ 9.50	\$ 950.00	236.		236.	\$ 2,242.00		\$ 2,242.00	236%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
901	PORTABLE SANITARY FACILITY (PER LOCATION DAYS; UP TO THREE LOCATIONS PERMITTED).	320.	LOCATIO N-WORK DAYS	\$ 16.00	\$ 5,120.00	349.		349.	\$ 5,584.00		\$ 5,584.00	109%
902	CONSTRUCTION SURVEYING, INCLUDING AS-BUILT DRAWINGS.	1.	LS	\$ 39,000.00	\$ 39,000.00	0.9	0.1	1.	\$ 35,100.00	\$ 3,900.00	\$ 39,000.00	100%
902A	REFERENCE AND RESET SURVEY MONUMENT.	5.	EA	\$ 440.00	\$ 2,200.00							0%
903	MOBILIZATION.	1.	LS	\$ 59,000.00	\$ 59,000.00	1.		1.	\$ 59,000.00		\$ 59,000.00	100%
904	TRAFFIC CONTROL PLAN.	1.	LS	\$ 990.00	\$ 990.00	1.		1.	\$ 990.00		\$ 990.00	100%
905	TRAFFIC CONTROL (COMPLETE IN PLACE).	1.	LS	\$ 45,000.00	\$ 45,000.00	1.		1.	\$ 45,000.00		\$ 45,000.00	100%
906	TRAFFIC CONTROL FLAGGING HOURS.	600.	HRS	\$ 24.00	\$ 14,400.00	166.5		166.5	\$ 3,996.00		\$ 3,996.00	28%
907	STORMWATER MANAGEMENT PLAN IMPLEMENTATION.	1.	LS	\$ 55,000.00	\$ 55,000.00	1.		1.	\$ 55,000.00		\$ 55,000.00	100%
908	WEEKLY NEWSLETTERS (APPROXIMATELY 1800 PER DISTRIBUTION).	1.	LS	\$ 38,000.00	\$ 38,000.00	0.68		0.68	\$ 25,840.00		\$ 25,840.00	68%
909	BEEHIVE NIGHT WORK SUPPLEMENT. INCLUDES LIGHT PLANTS, OVERTIME, AND INCIDENTALS SPECIFIC TO NIGHT WORK AT BEEHIVE PATTERSON CROSSING.	1.	LS	\$ 18,000.00	\$ 18,000.00	1.		1.	\$ 18,000.00		\$ 18,000.00	100%
	ADDENDUM No. 1			\$ -	\$ -							
678	INSTALL, MAINTAIN, AND REMOVE TEMPORARY ACCESS RAMP USING PROJECT-GENERATED MILLINGS OR MILLINGS FROM CITY SHOPS. CONTRACTOR SHALL PROVIDE TRUCKING IF OBTAINED FROM CITY SHOPS. RAMP TO BE BUILT TO PROVIDE ACCESS OVER CURB DURING OBSTRUCTION OF DRIVE.	1.	EA	\$ 3,900.00	\$ 3,900.00							0%



Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
	Change Order No. 1				\$ -							
CO-1 361R ev [1]	IMPORTED TRENCH BACKFILL. INCLUDES DISPOSAL OF UNSUITABLE AND/OR EXCESS MATERIAL AT DISPOSAL SITE ARRANGED BY CONTRACTOR.	35,000.	TON	\$ 9.60	\$ 336,000.00	37,352.33		37,352.33	\$ 358,582.37		\$ 358,582.37	107%
126 [1]	PRE-PURCHASED PIPE: STOCKPILE, PROTECT AND DELIVER TO SITE (COST BORNE BY GJ PIPE), STORM DRAIN PIPE (78" RCP, TONGUE AND GROOVE, GASKETED, WALL-C, ASTM C 76/C 443, CLASS II). PER LF.	536.	LF	\$ 212.00	\$ 113,632.00	536.		536.	\$ 113,632.00		\$ 113,632.00	100%
127 [1]	PRE-PURCHASED PIPE: STOCKPILE, PROTECT AND DELIVER TO SITE(COST BORNE BY GJ PIPE) STORM DRAIN PIPE (90" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	3,200.	LF	\$ 233.00	\$ 745,600.00	3,200.		3,200.	\$ 745,600.00		\$ 745,600.00	100%
128 [1]	PRE-PURCHASED PIPE: STOCKPILE, PROTECT AND DELIVER TO SITE(COST BORNE BY GJ PIPE) STORM DRAIN PIPE (96" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	1,440.	LF	\$ 258.00	\$ 371,520.00	1,440.		1,440.	\$ 371,520.00		\$ 371,520.00	100%
129 [1]	INSTALL AS PER SPECIFICATIONS, STORM DRAIN PIPE (78" RCP, TONGUE AND GROOVE, GASKETED, WALL-C, ASTM C 76/C 443, CLASS II). PER LF.	536.	LF	\$ 198.00	\$ 106,128.00	536.		536.	\$ 106,128.00		\$ 106,128.00	100%
130 [1]	INSTALL AS PER SPECIFICATIONS, STORM DRAIN PIPE (90" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	3,200.	LF	\$ 70.00	\$ 224,000.00	3,200.		3,200.	\$ 224,000.00		\$ 224,000.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
131 [1]	INSTALL AS PER SPECIFICATIONS, STORM DRAIN PIPE (96" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	1,440.	LF	\$ 61.00	\$ 87,840.00	1,440.		1,440.	\$ 87,840.00		\$ 87,840.00	100%
MCR	Minor Contract Revisions - see itemization below			\$ 250,000.00	\$ 250,000.00	\$ 22,192.26	\$ -	\$ 22,192.26	\$ 22,192.26		\$ 22,192.26	9%
	TOTALS				\$ 5,693,185.00				\$ 5,334,378.71	\$ 12,640.40	\$ 5,347,019.11	94%
	[x] - See Change Order No. "x"											
	<u>Minor contract revisions - itemized:</u>											
	24" F679 PVC Storm lateral		LF	\$ 85.00		56.		56.	\$ 4,760.00		\$ 4,760.00	
	24" Storm lateral extra depth		LF	\$ 40.00		56.		56.	\$ 2,240.00		\$ 2,240.00	
	Install temp plug and cap on 24"		EA	\$ 740.00		4.		4.	\$ 2,960.00		\$ 2,960.00	
	Install temp seal in Type R outlet		EA	\$ 50.00		4.		4.	\$ 200.00		\$ 200.00	
	Core and seal laterals into 90" below SL		EA	\$ 940.00		4.		4.	\$ 3,760.00		\$ 3,760.00	
	24" lateral Traffic Control		DAY	\$ 480.00		5.		5.	\$ 2,400.00		\$ 2,400.00	
	24" lateral street sweeping		HR	\$ 150.00		4.		4.	\$ 600.00		\$ 600.00	
	24" lateral surveying		LS	\$ 425.00		1.		1.	\$ 425.00		\$ 425.00	
	24" lateral mob		LS	\$ 400.00		1.		1.	\$ 400.00		\$ 400.00	
	24" lateral crane mob		LS	\$ 365.00		1.		1.	\$ 365.00		\$ 365.00	
	2" brass gate valve		EA	\$ 78.44		2.		2.	\$ 156.88		\$ 156.88	
	Air-vac manhole		EA	\$ 3,316.96		1.		1.	\$ 3,316.96		\$ 3,316.96	
	air-vac and gage		EA	\$ 608.42		1.		1.	\$ 608.42		\$ 608.42	
									\$ 22,192.26	\$ -	\$ 22,192.26	

**Certificate For Payment**  
**City of Grand Junction, Department of Public Works**

Project: **Ranchmen's Ditch Flood Control Project, Phase II, Part B**  
 Contractor: Arapahoe Utilities & Infrastructure  
 Pay Estimate No.: 10 Final Payment Date: May 4, 2009  
 Pay Period: 4-May-09 to 4-May-09

**Contract Status:**

Original Contract Total	\$ 5,693,185.00
Change Orders [1, 2]	<u>(346,165.89)</u>
<b>Current Contract Total</b>	<b>\$ 5,347,019.11</b>

**Earnings:**

Previous amount earned	\$ 5,347,019.11	
Amount earned this period	<u>0.00</u>	
Total earned to date	\$ 5,347,019.11	100% of Contract Amount

Retainage to date: Released	(0.00)
Previous payments	<u>(5,100,422.77)</u>

**Current Amount Due: \$ 246,596.34**

Account: 202-330-010-8440-F002203  
 Account: N/A  
 Account: N/A  
 Account: N/A  
 Account: N/A

**Contract Progress:**

Contract -time start date: 23-Sep-08 End date: 1-May-09

Original time:	221 Cal. Days
Time adjustments:	<u>0</u> Cal. Days
Total time:	221 Cal. Days

Time used: 222 Cal. Days 100% of Contract Time

This Certificate of Payment was prepared for the City of Grand Junction, Colorado

Prepared by: David R. Donohue Date: 4/6/10  
 David Donohue, Project Engineer

Approved by: Bret Guillory Date: 4/19/10  
 Bret Guillory, Utility Engineer

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_  
 N/A

The undersigned Contractor certifies that all previous progress payments received from the City under this contract have been applied by the undersigned to discharge all obligations incurred in connection with the Work and that the Work covered by this Certificate for Payment has been completed in accordance with the Contract Documents.

Contractor: **Arapahoe Utilities & Infrastructure**

Certified by: Josh Livermore Date: 07-07-2010

# Ranchmen's Ditch Flood Control Project, Phase II, Part B

Pay Estimate No. 10 - Final

Contractor: Arapahoe Utilities & Infrastructure

From: 4-May-09

Project Engineer: David Donohue, Project Engineer

To: 4-May-09

Construction Inspector: Mark Franklin, Construction Inspector

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
---	Construction Period	221	Cal. Days	---	---	222	0	222	---	---	---	100%
1 [2]	FULL DEPTH REMOVAL OF ASPHALT MAT. MILL OR CUT AND REMOVE AS SHOWN. PER SY.	2,485.35	SY	\$ 8.00	\$ 19,882.80	2,485.35		2,485.35	\$ 19,882.80		\$ 19,882.80	100%
3 [2]	REMOVAL OF CONCRETE. SAW CUT AND REMOVE CONCRETE AS SHOWN. (INDICATED BY CROSS HATCH PATTERN) INCLUDES BUT NOT LIMITED TO SIDEWALK, MONOLITHIC CG&SW, MEDIAN, SLABS, V-PAN, APRONS, AND OTHER AREA CONCRETE SURFACES. DOES NOT INCLUDE CURB OR CURB AND GUTTER.	802.6	SY	\$ 13.00	\$ 10,433.80	802.6		802.6	\$ 10,433.80		\$ 10,433.80	100%
3B [2]	REMOVAL OF CONCRETE CURB AND CURB & GUTTER. WIDTH VARIES. (PER L.F.)	881.	LF	\$ 7.00	\$ 6,167.00	881.		881.	\$ 6,167.00		\$ 6,167.00	100%
4 [2]	REMOVAL OF TREE (SIZE AS SHOWN ON PLAN)	1.	EA	\$ 150.00	\$ 150.00	1.		1.	\$ 150.00		\$ 150.00	100%
5 [2]	REMOVAL OF BUSH	7.	EA	\$ 28.00	\$ 196.00	7.		7.	\$ 196.00		\$ 196.00	100%
15 [2]	REMOVAL OF PIPE AS SHOWN. (DIA 30" OR LESS). PER LF	364.	LF	\$ 10.00	\$ 3,640.00	364.		364.	\$ 3,640.00		\$ 3,640.00	100%
15B [2]	REMOVAL OF PIPE AS SHOWN (DIA/SPAN > 30," SIZE AND TYPE AS SHOWN ON PLAN).	848.5	LF	\$ 16.00	\$ 13,576.00	848.5		848.5	\$ 13,576.00		\$ 13,576.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
15C [2]	REMOVAL OF STRUCTURAL CONCRETE. PER SF OF AREA PER SF OF THICKNESS (THICKNESS LESS THAN 1 FOOT MEASURED AS ONE FT THICKNESS). WALL THICKNESS VARIES. QTY DETERMINATION. EX.: 4X4X4 FT BOX, 1 FT THICK = 76SF.	2,075.1	SF-FOOT	\$ 4.00	\$ 8,300.40	2,075.1		2,075.1	\$ 8,300.40		\$ 8,300.40	100%
16 [2]	REMOVAL OF MANHOLE OR CONCRETE IRRIGATION BOX. SALVAGE RING AND COVER/GRATE AND DELIVER TO CITY SHOPS.	3.	EA	\$ 1,200.00	\$ 3,600.00	3.		3.	\$ 3,600.00		\$ 3,600.00	100%
23 [2]	RESET LANDSCAPE APPURTENANCE. (TYPE AS SHOWN ON PLAN)	2.	EA	\$ 290.00	\$ 580.00	2.		2.	\$ 580.00		\$ 580.00	100%
100 [2]	RESET LANDSCAPE GROUND COVER (DECORATIVE ROCK, BARK, WOODCHIPS, ETC.). 2" MIN., MATCH EXISTING THICKNESS, SIZE, AND TYPE. STOCKPILE AND REUSE IF FREE OF DITIRUS, OR PROVIDE NEW. WEED BARRIER REQUIRED (INCIDENTAL). (PER SQ YD)	154.31	SY	\$ 7.00	\$ 1,080.17	154.31		154.31	\$ 1,080.17		\$ 1,080.17	100%
102 [2]	RESET FENCE. (HEIGHT AND MATERIAL AS SHOW ON PLAN)	23.	LF	\$ 76.00	\$ 1,748.00	23.		23.	\$ 1,748.00		\$ 1,748.00	100%
102A [2]	RESET DECORATIVE FENCE (INCLUDES RESET OF ELECTRIC SERVICE).	38.	LF	\$ 110.00	\$ 4,180.00	38.		38.	\$ 4,180.00		\$ 4,180.00	100%
107 [2]	RESET FIRE HYDRANT.	1.	EA	\$ 830.00	\$ 830.00	1.		1.	\$ 830.00		\$ 830.00	100%
109 [2]	RESET GATE (MATCH HEIGHT, WIDTH, MATERIAL).		LF	\$ 99.00	\$ -							
116 [2]	RESET GUARD RAIL		LF	\$ 170.00	\$ -							
119 [2]	REMOVE AND RESET PARKING LOT LIGHT. PER EA.		EA	\$ 2,500.00	\$ -							

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
125 [2]	RESET PARKING BUMPER.		EA	\$ 16.00	\$ -							
127 [2]	RESET MANHOLE/CATCH BASIN. INCLUDES RE-CONNECTION OF LATERALS. MATCH EXISTING INVERTS/RIM ELEV UNLESS SPECIFIED OTHERWISE.	1.	EA	\$ 660.00	\$ 660.00	1.		1.	\$ 660.00		\$ 660.00	100%
128 [2]	RESET MARQUIS SIGN. INCLUDES RECONNECTION OF ELECTRIC SERVICE BY LICENSED ELECTRICIAN. REQUIRES SUBMITTAL OF SHOP DRAWINGS FOR SIGN BASE/PEDESTAL STAMPED BY LICENSED P.E.	1.	EA	\$ 1,100.00	\$ 1,100.00	1.		1.	\$ 1,100.00		\$ 1,100.00	100%
129 [2]	210 - RESET IRRIGATION PUMP. INCLUDES RESET OF ELECTRICAL, PIPING, CONCRETE PAD, AND PROTECTIVE COVER/SHELTER.	1.	EA	\$ 4,700.00	\$ 4,700.00	1.		1.	\$ 4,700.00		\$ 4,700.00	100%
131 [2]	RESET BOLLARD	3.	EA	\$ 56.00	\$ 168.00	3.		3.	\$ 168.00		\$ 168.00	100%
132	RESET MANHOLE. INCLUDES REMOVAL OF BASE TO FACILITATE ACCESS TO CONDUITS AND INSTALLATION OF NEW BASE WITH CONNECTION TO CONDUITS. GRADES SHALL MATCH EXISTING UNLESS INDICATED OTHERWISE ON PLANS.	1.	EA	\$ 660.00	\$ 660.00	1.		1.	\$ 660.00		\$ 660.00	100%
200 [2]	STORM SEWER BASIC MANHOLE (48" I.D.) INCLUDES CONNECTION OF ADJACENT STORM SEWER LINES, FORMING INVERTS AND ADJUSTING TO FINAL GRADE. (SEE CITY OF GRAND JUNCTION STANDARD DETAIL D-03).	4.	EA	\$ 3,200.00	\$ 12,800.00	4.		4.	\$ 12,800.00		\$ 12,800.00	100%
202 [2]	MANHOLE BARREL SECTION (D > 5')(48" I.D.).		VLF	\$ 720.00	\$ -							

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
209	CURB INLET, TYPE R, TRIPLE (15 FT LONG CURB OPENING, H = 5 FT), AS PER CDOT STANDARD PLAN NO. M-604-12.	9.	EA	\$ 8,000.00	\$ 72,000.00	9.		9.	\$ 72,000.00		\$ 72,000.00	100%
210 [2]	SMALL AREA INLET. INCLUDES DIRECT CONNECTION TO TOP OF STORM SEWER MAIN, INCLUDING CUTTING HOLE INTO MAIN, NO. 5 DOWELS FROM INLET BOX INTO MAIN AT 12" O.C., AND CONCRETE COLLAR AT CONNECTION.	1.	EA	\$ 2,200.00	\$ 2,200.00	1.		1.	\$ 2,200.00		\$ 2,200.00	100%
223 [2]	24" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	76.	LF	\$ 85.00	\$ 6,460.00	76.		76.	\$ 6,460.00		\$ 6,460.00	100%
224 [2]	30" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	11.	LF	\$ 130.00	\$ 1,430.00	11.		11.	\$ 1,430.00		\$ 1,430.00	100%
224B [2]	36" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	91.	LF	\$ 310.00	\$ 28,210.00	91.		91.	\$ 28,210.00		\$ 28,210.00	100%
224C	48" STORM DRAIN PIPE (RCP, CLASS III). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	16.	LF	\$ 210.00	\$ 3,360.00	16.		16.	\$ 3,360.00		\$ 3,360.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
245 [2]	10" ASTM D2241 PVC 160 PSI (SDR-26) PRESSURE PIPE (IPS). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16. THRUST BLOCKS AND TRACING WIRE REQUIRED AS PER STD. DETAILS (INCIDENTAL)	4,641.47	LF	\$ 34.00	\$ 157,809.98	4,641.47		4,641.47	\$ 157,809.98		\$ 157,809.98	100%
256 [2]	INSTALL 18" INLINE CHECK VALVE. TIDFLEX SERIES 37-G INSERTABLE (POLYURETHANE RUBBER). OUTFLOW END OF CHECKVALVE SHALL NOT PROTRUDE INTO STORM MAIN.	0.55	EA	\$ 7,000.00	\$ 3,864.75	0.55		0.55	\$ 3,864.75		\$ 3,864.75	100%
257 [2]	CONNECT LATERAL TO STORM SEWER MAIN/MANHOLE. DIA. OF LATERAL = 24" OR LESS. DIA. OF MAIN VARIES. INCLUDES CUTTING HOLE IN MAIN AND SEALING IN MAIN WITH WATERSTOP RX AND NON-SHRINK GROUT. LATERAL OUTFALL SHALL BE FLUSH WITH INSIDE WALL OF MAIN.	40.	EA	\$ 570.00	\$ 22,800.00	40.		40.	\$ 22,800.00		\$ 22,800.00	100%
257B	CONNECT LATERAL TO STORM SEWER MAIN. DIA. OF LATERAL > 24." DIA. OF MAIN VARIES. INCLUDES CUTTING HOLE IN MAIN, EXPOSING REINFORCING IN MAIN AND WELDING MAIN REINFORCING TO LATERAL REINFORCING, AND MORTORING JOINT WITH LOW-SLUMP CLASS D CONCRETE. WALL THICKNESS AT JOINT SHALL MATCH EXISTING WALL THICKNESS. FILLET AT OUTSIDE EDGE OF JOINT SHALL BE 9" RADIUS.	2.	EA	\$ 770.00	\$ 1,540.00	2.		2.	\$ 1,540.00		\$ 1,540.00	100%



Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
257C	CONNECT LATERAL 4' SPAN X 2' RISE RCB (OR CMB) TO 90° RCP. RCB TO BE ASTM C1433. RCB/CMB PAID FOR SEPERATELY. CONNECTION CAN BE FABRICATED IN SHOP OR FIELD. REQUIRES CONNECTION OF REINFORCEMENT STEEL IN RCB TO REINFORCEMENT STEEL IN RCP. SHOP DRAWINGS STAMPED BY PE SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. FILLET AT INSIDE EDGE OF JOINT SHALL BE 6" RADIUS.	1.	EA	\$ 6,700.00	\$ 6,700.00	1.		1.	\$ 6,700.00		\$ 6,700.00	100%
258 [2]	INSTALL IRRIGATION MAIN/LATERAL CONDUIT (PVC, 1" TO 4" DIA.) TO REPAIR LINES CUT/REMOVED FURING TRENCHING. IRRIGATION MAINS AND LATERALS GENERALLY NOT LOCATED OR SHOWN ON PLANS. INCLUDES REPAIR COUPLINGS. REMOVAL OF DAMAGED/CUT IRRIGATION CONDUIT IS INCIDENTAL TO THIS PAY ITEM.	624.5	LF	\$ 6.00	\$ 3,747.00	624.5		624.5	\$ 3,747.00		\$ 3,747.00	100%
259 [2]	INSTALL SPRINKLER-HEAD DISTRIBUTION CONDUIT (<1" DIA.)(MATCH EXISTING CONDUIT TYPE)(INCLUDES FITTINGS TEES, BENDS, AND TAPS TO LATERALS)		LF	\$ 45.00	\$ -							
260 [2]	RESET SPRINKLER HEAD; SAVE AND REUSE EXISTING IF UNDAMAGED OR INSTALL NEW. MATCH EXISTING SIZE AND TYPE. SIZE AND TYPE VARY. INCLUDES FITTINGS. NOT ALL HEADS SHOWN ON PLANS. CONTRACTOR SHALL FIELD LOCATE AND RESET IN SAME LOCATION AND ORIENTATION. PER EA.	23.	EA	\$ 36.00	\$ 828.00	23.		23.	\$ 828.00		\$ 828.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
261	TEE FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(MATCH EXISTING). PER EA.	20.	EA	\$ 4.50	\$ 90.00	20.		20.	\$ 90.00		\$ 90.00	100%
262 [2]	CROSS FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(MATCH EXISTING). PER EA.		EA	\$ 4.00	\$ -							
263 [2]	ELBOW FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(ANGLE OF BEND VARIES)(MATCH EXISTING). PER EA.	17.	EA	\$ 4.50	\$ 76.50	17.		17.	\$ 76.50		\$ 76.50	100%
264 [2]	REDUCER FOR 1" TO 4" IRRIGATION LATERAL/MAIN (PVC)(DIMENSIONS OF REDUCER VARY)(MATCH EXISTING). PER EA.	29.	EA	\$ 4.50	\$ 130.50	29.		29.	\$ 130.50		\$ 130.50	100%
267 [2]	16" CASING PIPE (165 PSI C-905 PVC)(INCLUDES CASING SPACERS, END SEALS, AND JOINT RESTRAINT ON CASING PIPE)	47.	LF	\$ 86.00	\$ 4,042.00	47.		47.	\$ 4,042.00		\$ 4,042.00	100%
269A	BYPASS PUMPING (RANCHMEN'S DITCH TO OVERPASS CANAL AT HORIZON GLEN)	1.	LS	\$ 110,000.00	\$ 110,000.00	1.		1.	\$ 110,000.00		\$ 110,000.00	100%
269B	BYPASS PUMPING (BEEHIVE DRAIN CROSSING AT F 1/2 RD. TO GVIC CANAL)	1.	LS	\$ 20,000.00	\$ 20,000.00	1.		1.	\$ 20,000.00		\$ 20,000.00	100%
270 [1]	STORM DRAIN PIPE (78" RCP, TONGUE AND GROOVE, GASKETED, WALL-C, ASTM C 76/C 443, CLASS II). PER LF.	84.	LF	\$ 410.00	\$ 34,440.00	84.		84.	\$ 34,440.00		\$ 34,440.00	100%
	COMPLETE ONLY ONE OF THE FOLLOWING TWO:			\$ -	\$ -							
271 -RCP ONLY [1, 2]	STORM DRAIN PIPE (90" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	4,085.6	LF	\$ 303.00	\$ 1,237,936.80	4,085.6		4,085.6	\$ 1,237,936.80		\$ 1,237,936.80	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
271 -CMP ONLY [1]	STORM DRAIN PIPE (90" CONTECH SMOOTHCOR DOUBLE WALL POLYMER-COATED, GALVANIZED, CORRUGATED METAL, 18-GAUGE INNER PIPE, 12-GAUGE OUTER PIPE)(ASTM A 742, ASTM A 762 TYPE IA, ASTM A 796, ASTM A 798). PER LF.		LF		\$ -							
	COMPLETE ONLY ONE OF THE FOLLOWING TWO:				\$ -							
271B -RCP ONLY [1, 2]	STORM DRAIN PIPE (96" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	623.16	LF	\$ 319.00	\$ 198,788.04	623.16		623.16	\$ 198,788.04		\$ 198,788.04	100%
271B -CMP ONLY [1]	STORM DRAIN PIPE (96" CONTECH SMOOTHCOR DOUBLE WALL POLYMER-COATED, GALVANIZED, CORRUGATED METAL, 18-GAUGE INNER PIPE, 12-GAUGE OUTER PIPE)(ASTM A 742, ASTM A 762 TYPE IA, ASTM A 796, ASTM A 798). PER LF.		LF		\$ -							
	COMPLETE ONLY ONE OF THE FOLLOWING TWO:				\$ -							
271C -RCP ONLY	STORM DRAIN PIPE (8'X96"X90" RCP FLARE, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II). FLARE SHALL HAVE FLAT, HORIZONTAL FLOW LINE IDENTICAL TO CONVENTIONAL STICK OF PIPE.	3.	EA	\$ 4,600.00	\$ 13,800.00	3.		3.	\$ 13,800.00		\$ 13,800.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
271C -CMP ONLY [2]	STORM DRAIN PIPE (8'X96"X90" CMP FLARE, CONTECH SMOOTHCOR DOUBLE WALL POLYMER-COATED, GALVANIZED, CORRUGATED METAL, 18-GAUGE INNER PIPE, 12-GAUGE OUTER PIPE)(ASTM A 742, ASTM A 762 TYPE IA, ASTM A 796, ASTM A 798).		EA		\$ -							
274 [2]	RCP/PIPE BUTT JOINT AS PER DETAIL. PER LINEAL FOOT OF PIPE/BOX O.D./PERIMETER.	128.	LF	\$ 42.00	\$ 5,376.00	128.		128.	\$ 5,376.00		\$ 5,376.00	100%
276 [2]	CONNECT NEW STORM/IRR. PIPE TO EXISTING STORM/IRR. PIPE USING CALDER/FERNCO TYPE COUPLING. DIA. 4" TO 18". GAP BETWEEN BUTT ENDS OF JOINED PIPE = 0.5" MAX.	20.	EA	\$ 270.00	\$ 5,400.00	20.		20.	\$ 5,400.00		\$ 5,400.00	100%
276A [2]	STORM SEWER LATERAL. DIA. 18" OR LESS (MATCH EXISTING). PVC SDR-35. INCLUDES TYPE-A BEDDING AND HAUNCHING AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	347.5	LF	\$ 36.00	\$ 12,510.00	347.5		347.5	\$ 12,510.00		\$ 12,510.00	100%
279E [2]	5' RISE X 7' SPAN RCB (2 FT COVER, ASTM C 1433/C 433)	38.5	LF	\$ 580.00	\$ 22,330.00	38.5		38.5	\$ 22,330.00		\$ 22,330.00	100%
279F	8' LONG X 5' RISE X 7' SPAN RCB TO ARCH PIPE TRANSITION STRUCTURE. SEE DETAILS FOR FILLET SHAPE. FIELD MEASURE TO VERIFY DIMENSION AND SHAPE OF FILLET PRIOR TO FABRICATION. SHOP DRAWING SUBMITTAL REQUIRED. (2 FT COVER, ASTM C 1433/C 433).	1.	EA	\$ 6,500.00	\$ 6,500.00	1.		1.	\$ 6,500.00		\$ 6,500.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
280A	REINFORCED CONCRETE JUNCTION BOX AT SCHLOTSKY'S. INCLUDES ALL EXCAVATION, SHORING, BACKFILL, MATERIALS, CONNECTION TO STORM MAINS AND LATERALS, MANHOLES, AND CONSTRUCTION AS SHOWN ON STRUCTURAL DRAWINGS. SUBMITTALS INCLUDING BUT NOT LIMITED TO REINFORCING, MIX DESIGN, CONSTRUCTION STAGING, SHORING, AND JOINING OF CONDUITS AND JUNCTION BOX ARE REQUIRED.	1.	LS	\$ 110,000.00	\$ 110,000.00	1.		1.	\$ 110,000.00		\$ 110,000.00	100%
280B	REINFORCED CONCRETE BROAD CRESTED WEIR IN GVIC CANAL SOUTHWEST OF REDLANDS PKWY OVERPASS. INCLUDES BYPASS PUMPING/DIVERSION IF REQUIRED, SHOP DRAWINGS, AND MIX DESIGN.	1.	LS	\$ 9,600.00	\$ 9,600.00	1.		1.	\$ 9,600.00		\$ 9,600.00	100%
281F	CONCRETE HEADWALL (BEEHIVE). 1 FOOT THICK, CLASS B CONCRETE MEETING CDOT TYPE II SULFATE RESISTANCE. #4 BARS @ 12" O.C. VERT AND HORIZ. FRONT FACE AND BACK FACE. INCLUDES TRASH RACK AS SHOWN. REINFORCING STEEL INCIDENTAL.	1.	LS	\$ 5,000.00	\$ 5,000.00	1.		1.	\$ 5,000.00		\$ 5,000.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
282 [2]	REINFORCED CONCRETE BOX OR CMP CROSS-FLOW CHAMBER. 6 FT LONG, 2 FT HIGH, WIDTH VARIES PER LOCATION (SEE PLANS). INCLUDES RADIUS EDGES ON NORTH BARREL AND CONNECTION TO 90"/96" RCP EACH SIDE. CONSTRUCT AS PER ASTM C 1433. INCLUDES CUTTING OPENING TO MATCH IN EXISTING BARREL, WELDING OF REINFORCING STEEL TO JOIN BOX TO BARRELS, AND BACKFILLING.	7.	EA	\$ 5,900.00	\$ 41,300.00	7.		7.	\$ 41,300.00		\$ 41,300.00	100%
283	CONSTRUCT LARGE AREA INLET. INCLUDES DIRECT CONNECTION TO TOP OF STORM SEWER MAIN, INCLUDING GRATE AS SPECIFIED AND CUTTING HOLE INTO MAIN. SEE SHEETS SC-17B, SC-17C FOR RCP AND SMOOTHCOR OPTIONS FOR INSTALLING INLETS.	4.	EA	\$ 7,300.00	\$ 29,200.00	4.		4.	\$ 29,200.00		\$ 29,200.00	100%
284 [2]	REINFORCED CONCRETE THRUST COLLAR FOR SIGNAL POLE BASE. SEE DETAILS.		EA	\$ 16,000.00	\$ -							
284B [2]	INJECTION GROUTING OF DISTURBED SOIL NEAR POLE BASE. PER VERTICAL LINEAR FOOT. DEPTH AND LOCATIONS TO BE SPECIFIED BY PROJECT ENGINEER AFTER CONSULTATION WITH CONTRACTOR.		VLF	\$ 120.00	\$ -							
284C [2]	REMOVAL (PARTIAL) OF EXISTING CONCRETE FORMING SIGNAL POLE PEDESTAL BASE (INCLUDES CUTTING OF REINFORCING STEEL IF REQUIRED)(CONCRETE NOT OBSTRUCTING WORK TO BE PROTECTED). PER CUBIC YARD.		CY	\$ 480.00	\$ -							

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
298	INSTALL IRRIGATION TAP. INCLUDES FITTINGS, PIPE, VALVE, VALVE BOX, AND CONNECTION TO IRRIGATION PUMP INTAKE. PIPE INSTALLATION INLCUDES BEDDING AND BACKFILL MATERIALS AS PER STANDARD SPECIFICATIONS.	2.	EA	\$ 3,700.00	\$ 7,400.00	2.		2.	\$ 7,400.00		\$ 7,400.00	100%
299B	102 - FURNISH AND INSTALL SCHLOTSKYS IRRIGATION CONTROL STRUCTURE. INCLUDES CLASS B CONCRETE MEETING CDOT CLASS II SULFATER RESISTANCE.	1.	LS	\$ 9,400.00	\$ 9,400.00	1.		1.	\$ 9,400.00		\$ 9,400.00	100%
324 [2]	102.9/108.2 - 12" GRAVITY SEWER PIPE (SDR 35 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	51.5	LF	\$ 85.00	\$ 4,377.50	51.5		51.5	\$ 4,377.50		\$ 4,377.50	100%
355 [2]	104.40 - CAP TOP HALF OF SEWER OR WATERLINE IN CLASS B FIBERMESH CONCRETE PER STD. DETAIL GU-04. PER LF	15.	LF	\$ 96.00	\$ 1,440.00	15.		15.	\$ 1,440.00		\$ 1,440.00	100%
360 [2]	STRUCTURE BACKFILL (FLOWFILL). PAID PER CY. IN AREAS WHERE SANITARY SEWER IS INSTALLED BELOW AN EXISTING A.C. WATERLINE, FLOWFILL SHALL BE USED AS TRENCH BACKFILL WITHIN 5 FEET HORIZONTALLY OF THE WATERLINE.	33.5	CY	\$ 79.00	\$ 2,646.50	33.5		33.5	\$ 2,646.50		\$ 2,646.50	100%
	COMPLETE ONLY ONE OF THE FOLLOWING TWO:			\$	-							
361 -RCP ONLY [1]	IMPORTED TRENCH BACKFILL. INCLUDES DISPOSAL OF UNSUITABLE AND/OR EXCESS MATERIAL AT DISPOSAL SITE ARRANGED BY CONTRACTOR.		TON	\$	-							

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
361 -CMP ONLY [1]	IMPORTED TRENCH BACKFILL. INCLUDES DISPOSAL OF UNSUITABLE AND/OR EXCESS MATERIAL AT DISPOSAL SITE ARRANGED BY CONTRACTOR.		TON	\$ 16.00	\$ -							
362 [2]	GRANULAR STABILIZATION MATERIAL (TYPE B).	13,154.01	TON	\$ 13.00	\$ 171,002.13	13,154.01		13,154.01	\$ 171,002.13		\$ 171,002.13	100%
366A [2]	GROUT-SEAL HOLE OPENING IN MANHOLE, CATCH BASIN, OR PIPE STUB; DIA. LESS THAN 24 INCHES. INCLUDES WELDED WIRE MESH REINFORCING (MATCH EXISTING) WELDED TO EXISTING WIRE CAGE FOR DIA. 18" OR GREATER. PER EA.	3.	EA	\$ 200.00	\$ 600.00	3.		3.	\$ 600.00		\$ 600.00	100%
366B [2]	GROUT-SEAL HOLE OPENING IN MANHOLE, CATCH BASIN, OR PIPE STUB; DIA. 24 INCHES OR GREATER. INCLUDES WELDED WIRE MESH REINFORCING (MATCH EXISTING) WELDED TO EXISTING WIRE CAGE FOR DIA. 18" OR GREATER. PER EA.		EA	\$ 320.00	\$ -							
402 [2]	102.7/108.2 - 8" WATER MAIN PIPE (C-900 PVC). INCLUDES TYPE A BEDDING AND HAUNCHING MATERIAL AND BACKFILL OF TRENCH WITH NATIVE MATERIALS MEETING 103.16 EARTH BACKFILL MATERIAL.	107.5	LF	\$ 65.00	\$ 6,987.50	107.5		107.5	\$ 6,987.50		\$ 6,987.50	100%
418 [2]	10" GATE VALVE (INCLUDES MEGALUG OR ONE-BOLT JOINT RESTRAINT).	3.	EA	\$ 2,000.00	\$ 6,000.00	3.		3.	\$ 6,000.00		\$ 6,000.00	100%
443	10" X 10" FULL BODY WYE W/ MJ X MEGALUG OR ONE-BOLT JOINT RESTRAINT	1.	EA	\$ 1,600.00	\$ 1,600.00	1.		1.	\$ 1,600.00		\$ 1,600.00	100%
466B [2]	10" 45° BEND W/ MJ X MEGALUG OR ONE-BOLT JOINT RESTRAINT.	9.	EA	\$ 510.00	\$ 4,590.00	9.		9.	\$ 4,590.00		\$ 4,590.00	100%



Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
466C [2]	102.7/108.3 - 8" 22.5° BEND W/ MJ X MEGALUG OR ONE-BOLT JOINT RESTRAINT.	5.	EA	\$ 360.00	\$ 1,800.00	5.		5.	\$ 1,800.00		\$ 1,800.00	100%
466D [2]	10" JOINT-RESTRAINED CLEANOUT FOR D2241 160 PSI IRRIGATION LINE. INCLUDES MANHOLE AS PER DETAIL.	7.	EA	\$ 3,200.00	\$ 22,400.00	7.		7.	\$ 22,400.00		\$ 22,400.00	100%
550 [2]	CONCRETE CURB (6" WIDE)	398.8	LF	\$ 28.00	\$ 11,166.40	398.8		398.8	\$ 11,166.40		\$ 11,166.40	100%
555 [2]	CONCRETE SIDEWALK (4" THICK).	16.1	SY	\$ 47.00	\$ 756.70	16.1		16.1	\$ 756.70		\$ 756.70	100%
559 [2]	MONOLITHIC VERTICAL CURB, GUTTER AND SIDEWALK (WIDTH VARIES) (PER SQ YD).	98.46	SY	\$ 68.00	\$ 6,695.28	98.46		98.46	\$ 6,695.28		\$ 6,695.28	100%
581B [2]	CONCRETE SLOPE PAVING (6" THICK, CLASS B, SUBMIT JOINTING PATTERN FOR APPROVAL PRIOR TO INSTALLATION).	532.1	SY	\$ 77.00	\$ 40,971.70	532.1		532.1	\$ 40,971.70		\$ 40,971.70	100%
587 [2]	CONCRETE INTERSECTION CORNER. INCLUDES CURB, GUTTER, SIDEWALK, HANDICAP RAMP.	87.27	SY	\$ 84.00	\$ 7,330.68	87.27		87.27	\$ 7,330.68		\$ 7,330.68	100%
602 [2]	CONCRETE CURB AND GUTTER (2' WIDE).	808.5	LF	\$ 23.00	\$ 18,595.50	808.5		808.5	\$ 18,595.50		\$ 18,595.50	100%
627 [2]	MEDIAN COVER MATERIAL (CONCRETE)(6" THICK)(MATCH EXISTING PATTERN, COLOR)	63.96	SY	\$ 140.00	\$ 8,954.40	63.96		63.96	\$ 8,954.40		\$ 8,954.40	100%
636 [2]	CONCRETE PAVEMENT (8" THICK, 6" CLASS 6 A.B.C., CONCRETE SHALL MEET CLASS II SULFATE RESISTANCE, AND BE CLASS B W/ 4000 PSI MINIMUM COMPRESSIVE STRENGTH AT 28 d IN CDOT-APPROVED MIX DESIGN)	310.26	SY	\$ 110.00	\$ 34,128.60	310.26		310.26	\$ 34,128.60		\$ 34,128.60	100%
654C	GRADE BEEHIVE DITCH INLET AREA AS SHOWN.	1.	LS	\$ 1,600.00	\$ 1,600.00	1.		1.	\$ 1,600.00		\$ 1,600.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
658 [2]	GEOGRID (STANDARD)(TENSAR BX-1100).	20,877.33	SY	\$ 4.50	\$ 93,947.99	20,877.33		20,877.33	\$ 93,947.99		\$ 93,947.99	100%
663 [2]	AGGREGATE BASE COURSE (CLASS 6).	45,654.73	SY-INCH	\$ 2.00	\$ 91,309.46	45,654.73		45,654.73	\$ 91,309.46		\$ 91,309.46	100%
664 [2]	INSTALL AND MAINTAIN TEMPORARY DRIVING SURFACE (UNTIL PAVED) USING MILLINGS FROM PROJECT, THEN FROM CITY SHOPS IF NEEDED. ALL ASPHALT SHALL BE REPLACED WITHIN 3 WEEKS OF OPENING OF ASPHALT PLANTS.	1,073.	SY	\$ 4.00	\$ 4,292.00	1,073.		1,073.	\$ 4,292.00		\$ 4,292.00	100%
677 [2]	HOT BITUMINOUS PAVEMENT (GRADING SX, BINDER GRADE PG 64-22).	13,410.73	SY-INCH	\$ 10.00	\$ 134,107.30	13,410.73		13,410.73	\$ 134,107.30		\$ 134,107.30	100%
696 [2]	GEOTEXTILE (DRAINAGE)(CLASS A)(MIRAFI 170N, CONTECH C70NW, OR APPROVED EQUIVALENT).	15,533.77	SY	\$ 2.50	\$ 38,834.43	15,533.77		15,533.77	\$ 38,834.43		\$ 38,834.43	100%
696B [2]	GEOTEXTILE (DRAINAGE)(CLASS A)(MIRAFI 140N, CONTECH C45NW, OR APPROVED EQUIVALENT).	3,925.33	SY	\$ 2.00	\$ 7,850.66	3,925.33		3,925.33	\$ 7,850.66		\$ 7,850.66	100%
697 [2]	PAVEMENT MARKING PAINT (PARKING LOTS)(4" WIDE, WHITE OR YELLOW, MATCH EXISTING). PER LF.	567.	LF	\$ 1.50	\$ 850.50	567.		567.	\$ 850.50		\$ 850.50	100%
728 [2]	TOPSOIL: STOCKPILE AND REUSE (IF CLEAN AND APPROVED BY INSPECTOR) OR IMPORT, AND PLACE, GRADE, AND COMPACT 12" TOPSOIL. APPLIES TO LANDSCAPED AREAS WHERE SOD IS ABSENT	236.	SY	\$ 9.50	\$ 2,242.00	236.		236.	\$ 2,242.00		\$ 2,242.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
728B	STOCKPILE TOP 12" OF TOPSOIL FROM ALL EXCAVATIONS AND REPLACE AS 8" LIFT AT TOP OF BACKFILL, OUTSIDE OF SERVICE ROAD FOOTPRINT. IF SUFFICIENT TOPSOIL NOT GENERATED FROM EXCAVATION USING THIS APPROACH, CONTRACT SHALL STOCKPILE ADDITIONAL CLEAN FILL FROM EXCAVATION OR IMPORT CLEAN FILL DIRT AND BLEND WITH STOCKPILE TOPSOIL FOR REPLACEMENT ABOVE BACKFILL. ALL COSTS FOR STOCKPILING, BLENDING, AND IMPORTING SHALL BE INCLUDED IN THIS PAY ITEM.	1.	LS	\$ 1,600.00	\$ 1,600.00	1.		1.	\$ 1,600.00		\$ 1,600.00	100%
732 [2]	SOD. INCLUDES 6" OF STOCKPILED EXISTING TOPSOIL (IF APPROVED BY INSPECTOR/ENGINEER) OR 6" IMPORTED TOPSOIL.	440.	SY	\$ 6.50	\$ 2,860.00	440.		440.	\$ 2,860.00		\$ 2,860.00	100%
735 [2]	SEEDING (HYDROSEEDING/HYDROMULCH APPLICATION) OF PERIPHERAL DISTURBED AREAS, INCLUDING VEHICLE TRACKS, STAGING AREAS, ETC.	20,883.67	SY	\$ 1.50	\$ 31,325.51	20,883.67		20,883.67	\$ 31,325.51		\$ 31,325.51	100%
743 [2]	DECIDUOUS TREE (2" CALIPER OR LARGER)(MATCH EXISTING SPECIES).		EA	\$ 700.00	\$ -							
745 [2]	DECIDUOUS SHRUB/BUSH (7 GALLON)(MATCH EXISTING).		EA	\$ 150.00	\$ -							
746 [2]	CONIFEROUS SHRUB/BUSH (7 GALLON)(MATCH EXISTING).		EA	\$ 310.00	\$ -							
900 [2]	DUST ABATEMENT.	165.	DAYS	\$ 82.00	\$ 13,530.00	165.		165.	\$ 13,530.00		\$ 13,530.00	100%

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
901 [2]	PORTABLE SANITARY FACILITY (PER LOCATION DAYS; UP TO THREE LOCATIONS PERMITTED).	349.	LOCATIO N-WORK DAYS	\$ 16.00	\$ 5,584.00	349.		349.	\$ 5,584.00		\$ 5,584.00	100%
902	CONSTRUCTION SURVEYING, INCLUDING AS-BUILT DRAWINGS.	1.	LS	\$ 39,000.00	\$ 39,000.00	1.		1.	\$ 39,000.00		\$ 39,000.00	100%
902A [2]	REFERENCE AND RESET SURVEY MONUMENT.		EA	\$ 440.00	\$ -							
903	MOBILIZATION.	1.	LS	\$ 59,000.00	\$ 59,000.00	1.		1.	\$ 59,000.00		\$ 59,000.00	100%
904	TRAFFIC CONTROL PLAN.	1.	LS	\$ 990.00	\$ 990.00	1.		1.	\$ 990.00		\$ 990.00	100%
905	TRAFFIC CONTROL (COMPLETE IN PLACE).	1.	LS	\$ 45,000.00	\$ 45,000.00	1.		1.	\$ 45,000.00		\$ 45,000.00	100%
906 [2]	TRAFFIC CONTROL FLAGGING HOURS.	166.5	HRS	\$ 24.00	\$ 3,996.00	166.5		166.5	\$ 3,996.00		\$ 3,996.00	100%
907	STORMWATER MANAGEMENT PLAN IMPLEMENTATION.	1.	LS	\$ 55,000.00	\$ 55,000.00	1.		1.	\$ 55,000.00		\$ 55,000.00	100%
908 [2]	WEEKLY NEWSLETTERS (APPROXIMATELY 1800 PER DISTRIBUTION).	0.68	LS	\$ 38,000.00	\$ 25,840.00	0.68		0.68	\$ 25,840.00		\$ 25,840.00	100%
909	BEEHIVE NIGHT WORK SUPPLEMENT. INCLUDES LIGHT PLANTS, OVERTIME, AND INCIDENTALS SPECIFIC TO NIGHT WORK AT BEEHIVE PATTERSON CROSSING.	1.	LS	\$ 18,000.00	\$ 18,000.00	1.		1.	\$ 18,000.00		\$ 18,000.00	100%
					\$ -							
	ADDENDUM No. 1				\$ -							
678 [2]	INSTALL, MAINTAIN, AND REMOVE TEMPORARY ACCESS RAMP USING PROJECT-GENERATED MILLINGS OR MILLINGS FROM CITY SHOPS. CONTRACTOR SHALL PROVIDE TRUCKING IF OBTAINED FROM CITY SHOPS. RAMP TO BE BUILT TO PROVIDE ACCESS OVER CURB DURING OBSTRUCTION OF DRIVE.		EA	\$ 3,900.00	\$ -							

Item No.	Description	CONTRACT AMOUNTS				QUANTITIES			EARNINGS			
		Quantity	Units	Unit Price	Total	Previous	This Period	To Date	Previous	This Period	To Date	%
131 [1]	INSTALL AS PER SPECIFICATIONS, STORM DRAIN PIPE (96" RCP, TONGUE AND GROOVE, GASKETED, WALL B, ASTM C 76/C 443, CLASS II)	1,440.	LF	\$ 61.00	\$ 87,840.00	1,440.		1,440.	\$ 87,840.00		\$ 87,840.00	100%
MCR [2]	Minor Contract Revisions - see itemization below			\$ 22,192.26	\$ 22,192.26	\$ 22,192.26	\$ -	\$ 22,192.26	\$ 22,192.26		\$ 22,192.26	100%
	TOTALS				\$ 5,347,019.11				\$ 5,347,019.11	\$ -	\$ 5,347,019.11	100%
	[x] - See Change Order No. "x"											
	<u>Minor contract revisions - itemized:</u>											
	24" F679 PVC Storm lateral		LF	\$ 85.00		56.		56.	\$ 4,760.00		\$ 4,760.00	
	24" Storm lateral extra depth		LF	\$ 40.00		56.		56.	\$ 2,240.00		\$ 2,240.00	
	Install temp plug and cap on 24"		EA	\$ 740.00		4.		4.	\$ 2,960.00		\$ 2,960.00	
	Install temp seal in Type R outlet		EA	\$ 50.00		4.		4.	\$ 200.00		\$ 200.00	
	Core and seal laterals into 90" below SL		EA	\$ 940.00		4.		4.	\$ 3,760.00		\$ 3,760.00	
	24" lateral Traffic Control		DAY	\$ 480.00		5.		5.	\$ 2,400.00		\$ 2,400.00	
	24" lateral street sweeping		HR	\$ 150.00		4.		4.	\$ 600.00		\$ 600.00	
	24" lateral surveying		LS	\$ 425.00		1.		1.	\$ 425.00		\$ 425.00	
	24" lateral mob		LS	\$ 400.00		1.		1.	\$ 400.00		\$ 400.00	
	24" lateral crane mob		LS	\$ 365.00		1.		1.	\$ 365.00		\$ 365.00	
	2" brass gate valve		EA	\$ 78.44		2.		2.	\$ 156.88		\$ 156.88	
	Air-vac manhole		EA	\$ 3,316.96		1.		1.	\$ 3,316.96		\$ 3,316.96	
	air-vac and gage		EA	\$ 608.42		1.		1.	\$ 608.42		\$ 608.42	
									\$ 22,192.26	\$ -	\$ 22,192.26	