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**City of Las Cruces**<sup>®</sup>  
 PEOPLE HELPING PEOPLE

**Council Action and Executive Summary**

Item # 5 Ordinance/Resolution# 13-082

For Meeting of \_\_\_\_\_  
 (Ordinance First Reading Date)

For Meeting of December 17, 2012  
 (Adoption Date)

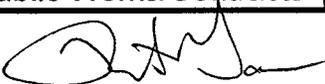
Please check box that applies to this item:

QUASI JUDICIAL       LEGISLATIVE       ADMINISTRATIVE

**TITLE:** A RESOLUTION AUTHORIZING CHANGE ORDER NUMBER ONE TO THE N. SONOMA RANCH WIDENING CONTRACT, PROJECT NO. 11-12-416, FOR UNFORSEEN WORK REQUIRED DURING THE INSTALLATION OF A NEW HIGH-PRESSURE GASLINE IN THE AMOUNT OF \$12,544.00 PLUS APPLICABLE NEW MEXICO GROSS RECEIPTS TAX OF \$948.64 FOR A TOTAL AMOUNT OF \$13,492.64.

**PURPOSE(S) OF ACTION:**

To increase the referenced contract in the amount of \$12,544.00.

<b>COUNCIL DISTRICT: 5</b>		
<b><u>Drafter/Staff Contact:</u></b> Jonathan Chavez <i>SC</i>	<b><u>Department/Section:</u></b> Public Works/Contracts	<b><u>Phone:</u></b> (575) 528-3098
<b><u>City Manager Signature:</u></b>		

**BACKGROUND / KEY ISSUES / CONTRIBUTING FACTORS:**

On April 2, 2012, the City of Las Cruces, City Council awarded the N. Sonoma Ranch Widening Project to Highland Enterprises, Inc., in the amount of \$661,852.00 plus \$50,052.56 for New Mexico Gross Receipts Tax. The City Manager is authorized to approve change orders in an amount not to exceed \$40,895.90 for a total project authorization in the amount of \$752,800.46.

This project included the widening of Sonoma Ranch Blvd. from Ross Ct. to Las Colinas Dr. The project also included the installation of new stormdrain infrastructure, a new six-inch high-pressure gasline, additional street lighting, new sidewalk for the east side of the roadway and the completion of existing medians. The installation of the new gasline was critical to ensure this area was supplied with a two-way feed of natural gas for the winter season.

The original construction plans called for the new six-inch high-pressure gasline for this project to be routed at a lower depth than usual to avoid conflict with one existing stormdrain manhole. During installation of the proposed high-pressure gasline, it was discovered that there was another stormdrain manhole that was deeper than records indicated and an existing sewer service that was approximately three feet lower than utility records and construction plans showed. Due to these unforeseen circumstances, the new six inch high-pressure gasline had to

be installed at a lower depth for an additional 225 feet. Although this additional depth increased the contract cost for this installation, it allowed for the full function of the new high-pressure gasline, as well as the existing wastewater and storm sewer lines. The need to complete the installation of the new gasline in a timely manner was of utmost importance as the new line was required to be installed and operational by September 14, 2012, so that a two-way feed of gas service could be supplied to this area as the winter season approached.

**SUPPORT INFORMATION:**

1. Resolution.
2. Exhibit "A", Change Order.
3. Attachment "1", Summary of Costs.

**SOURCE OF FUNDING:**

<b>Is this action already budgeted?</b>	Yes	<input checked="" type="checkbox"/>	See fund summary below
	No	<input type="checkbox"/>	If No, then check one below:
	<i>Budget Adjustment Attached</i>	<input type="checkbox"/>	Expense reallocated from: _____
	<input type="checkbox"/>	Proposed funding is from a new revenue source (i.e. grant; see details below)	
	<input type="checkbox"/>	Proposed funding is from fund balance in the _____ Fund.	
<b>Does this action create any revenue?</b>	Yes	<input type="checkbox"/>	Funds will be deposited into this fund: _____ in the amount of \$ _____ for FY _____.
	No	<input checked="" type="checkbox"/>	There is no new revenue generated by this action.

**BUDGET NARRATIVE**

N/A

**FUND EXPENDITURE SUMMARY:**

Fund Name(s)	Account Number(s)	Expenditure Proposed	Available Budgeted Funds in Current FY	Remaining Funds	Purpose for Remaining Funds
2011 Street Projects	42806260-854121-71107	\$13,492.64	\$139,325.35	\$125,832.71	Capital Improvement Projects

**OPTIONS / ALTERNATIVES:**

1. Vote "Yes"; this will authorize Change Order Number One to increase the contract by \$12,544.00 plus New Mexico Gross Receipts Tax in the amount of \$948.64 for a total of

\$13,492.64 and for Public Works to make payment for this work to Highland Enterprises, Inc., for the N. Sonoma Ranch Widening Project.

2. Vote "No"; This will disapprove Change Order Number One and will deny authorization to add \$12,544.00 plus New Mexico Gross Receipts Tax in the amount of \$948.64 for a total of \$13,492.64 to the N. Sonoma Ranch Widening Project. This may subject the City to a claim by the contractor for damages as a result of City delays.
3. Vote to "Amend"; this could reject adding the proposed amount to the N. Sonoma Ranch Widening Project contract.
4. Vote to "Table"; this could require Change Order Number One to be modified and staff be instructed to seek an alternative course of action.

**REFERENCE INFORMATION:**

The resolution(s) and/or ordinance(s) listed below are only for reference and are not included as attachments or exhibits.

1. Resolution No. 11-12-416.

RESOLUTION NO. 13-082

**A RESOLUTION AUTHORIZING CHANGE ORDER NUMBER ONE TO THE N. SONOMA RANCH WIDENING CONTRACT, PROJECT NO. 11-12-416, FOR UNFORSEEN WORK REQUIRED DURING THE INSTALLATION OF A NEW HIGH-PRESSURE GASLINE IN THE AMOUNT OF \$12,544.00 PLUS APPLICABLE NEW MEXICO GROSS RECEIPTS TAX OF \$948.64 FOR A TOTAL AMOUNT OF \$13,492.64.**

The City Council of Las Cruces is informed that:

**WHEREAS**, on April 2, 2012 the City of Las Cruces, City Council awarded the N. Sonoma Ranch Widening Project to Highland Enterprises, Inc., in the amount of \$661,852.00 plus \$50,052.56 for New Mexico Gross Receipt Tax. The City Manager is authorized to approve change orders in an amount not to exceed \$40,895.90 for a total project authorization in the amount of \$752,800.46; and

**WHEREAS**, this change order is being presented to make payment for unforeseen work needed to install a new six inch high pressure gas line; and

**WHEREAS**, the unforeseen work was due to existing stormdrain and sewer infrastructure which was lower in depth than records showed; and

**WHEREAS**, the installation of the new gasline was critical to ensure this area was supplied with a two-way feed of natural gas for the winter season; and

**WHEREAS**, \$32,571.50 of the contingency funds was previously authorized by the City Manager for use on this project; and

**WHEREAS**, Public Works staff calculated the cost of the change order to be \$12,544.00.

**NOW, THEREFORE**, Be it resolved by the governing body of the City of Las Cruces:

(I)

THAT Change Order Number One, attached hereto as Exhibit "A", in the amount of \$12,544.00 plus applicable New Mexico Gross Receipts Tax is hereby authorized and approved.

(II)

THAT the City Manager is hereby authorized to approve Change Order Number One.

(III)

THAT City staff is hereby authorized to do all deeds necessary in the accomplishment of the herein above.

DONE AND APPROVED this \_\_\_\_\_ day of \_\_\_\_\_, 2012

APPROVED:

\_\_\_\_\_  
Mayor

ATTEST:

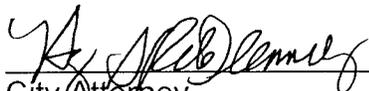
\_\_\_\_\_  
City Clerk

(SEAL)

Moved by: \_\_\_\_\_

Seconded by: \_\_\_\_\_

APPROVED AS TO FORM:

  
\_\_\_\_\_  
City Attorney

VOTE:

Mayor Miyagishima: \_\_\_\_\_  
Councillor Silva: \_\_\_\_\_  
Councillor Smith: \_\_\_\_\_  
Councillor Pedroza: \_\_\_\_\_  
Councillor Small: \_\_\_\_\_  
Councillor Sorg: \_\_\_\_\_  
Councillor Thomas: \_\_\_\_\_

**THE CITY COUNCIL IS INFORMED OF THE FOLLOWING INFORMATION CONCERNING THIS CHANGE ORDER:**

**I. PROJECT NAME: N. Sonoma Ranch Widening Project; Project No. 11-12-416**

**II. PROJECT SUMMARY:**

Contract Award Amount:	<u>\$661,852.00</u>	Original Contract Time:	<u>120</u> Working Days
CM Authorized Contingency:	<u>\$ 32,571.50</u>	Change Order #1 Time:	<u>0</u> Working Days
Change Order #1:	<u>\$12,544.00</u>	Revised Contract Time:	<u>120</u> Working Days
Revised Project Cost:	<u>\$706,967.50</u>	Time Increase:	<u>0%</u>
Total Cost Increase:	<u>6.81%</u>		

**III. DESCRIPTION OF CHANGE:**

Change Order #1 is being presented to address unforeseen improvements needed to complete the N. Sonoma Ranch Widening Project. These unforeseen items include the need to install a new six inch high pressure gas line lower than originally planned to avoid conflict with existing storm drain and sewer infrastructure in Sonoma Ranch Blvd. The cost of these improvements is estimated to be \$12,544.00.

**IV. REASONS FOR CHANGE:**

The original construction plans called for the new six inch high pressure gas line to be routed at a lower depth than usual to avoid conflict with one existing storm drain manhole. During installation of the proposed high pressure gas line it was discovered that there was another storm drain manhole that was deeper than records indicated and there was an existing sewer service that was approximately three feet lower than utility records and construction plans showed. Due to these unforeseen circumstances, the new six inch high pressure gas line had to be installed at a lower depth for an additional 225 feet. The need to complete the installation of the new gas line in a timely manner was of utmost importance as the new line was required to be installed and operational by September 14, 2012 so that a two way feed of gas service could be supplied to this area as the winter season approached. Therefore, Public Works is requesting authorization to add funding to make payment for this work to the referenced contract.

As the need to have this gas line installation proceed was critical, there were other items that were deleted from the contract in order to have funding available to accommodate this change. Instead of removing and disposing of the existing four inch gas line, this was changed to be abandoned in place. Location of new utility lines were also adjusted to ensure insulators between the lines were not needed. The total anticipated cost savings for these items totaled to \$5,303.91.

The City Manager previously authorized the use of \$32,571.50 for this project. The increased cost to the contract being requested in the amount of \$12,544.00 was planned to be covered by the cost

savings in the amount of \$5,303.91 outlined in item two which would have resulted in the final cost being within the total authorized amount. However, there was an overrun in asphalt paving quantities that was not known until the completion of the project. This overrun in quantity of asphalt paving of 334.83 square yards for a total cost increase of \$11,384.22.

Public Works Staff has calculated the cost of Change Order Number One to be \$12,544.00 plus New Mexico Gross Receipt Tax in the amount of \$948.64 for a total amount of \$13,492.64.

**V. DETAILED COST OF CHANGE:**

See attachment Number One.

**Accepted for the Contractor:**

Firm: Highland Enterprises Inc.  
By: [Signature]  
Title: Vice President  
Date: 11-5-2012

**Contracts Administration Section Recommended Approval:**

By: [Signature]  
Date: 11-7-12  
Title: Contracts Administrator

**Project Development Section Recommended Approval:**

By: [Signature]  
Date: 11-13-12  
Title: Project Development Administrator

**Public Works Department Recommended Approval:**

By: [Signature]  
Date: 11-28-12  
Title: Public Works Director

**Utility Department Recommended Approval:**

By: [Signature]  
Date: 11/28/12  
Title: Utilities Director

**Assistant City Manager Recommended Approval:**

By: \_\_\_\_\_  
Date: \_\_\_\_\_  
Title: Assistant City Manager

**City Manager Recommended Approval**

By: \_\_\_\_\_  
Date: \_\_\_\_\_  
Title: City Manager

N. SONOMA RANCH BLVD. WIDENING PROJECT FINAL QUANTITIES AND COSTS  
CITY OF LAS CRUCES PROJECT NO. 11-12-416

ROADWAY IMPROVEMENTS

ITEM NO.	DESCRIPTION	UNITS	EST. QTY.	UNIT PRICE	ESTIMATED COST	QTY. TO DATE	BILLED COST TO DATE	COST DIFFERENCE
R1	EXCAVATION	CY	1500	\$ 8.90	\$ 13,350.00	1345.00	\$ 11,970.50	\$ (1,379.50)
R2	SUBGRADE PREP	SY	4650	\$ 2.20	\$ 10,230.00	7219.00	\$ 15,881.80	\$ 5,651.80
R3	BASE COURSE	SY	4650	\$ 6.70	\$ 31,155.00	4683.58	\$ 31,380.00	\$ 225.00
R4	PRIME COAT	SY	4650	\$ 0.70	\$ 3,255.00	4683.58	\$ 3,278.51	\$ 23.51
R5	HMAC TYPE B	SY	4650	\$ 22.60	\$ 105,090.00	4683.58	\$ 105,848.91	\$ 758.91
R6	TACK COAT	SY	4650	\$ 0.32	\$ 1,488.00	2616.38	\$ 837.24	\$ (650.76)
R7	REM AND DISP ASPHALT PAVEMENT	SY	1900	\$ 3.33	\$ 6,327.00	1994.00	\$ 6,640.02	\$ 313.02
R8	MEDIAN C&G 6" X 18"	LF	260	\$ 10.05	\$ 2,613.00	250.00	\$ 2,512.50	\$ (100.50)
R9	STANDARD C&G 6" X 24"	LF	2000	\$ 11.98	\$ 23,960.00	1577.00	\$ 18,892.46	\$ (5,067.54)
R10	REM AND DISP C&G	LF	200	\$ 7.40	\$ 1,480.00	836.00	\$ 6,186.40	\$ 4,706.40
R11	REM AND DISP CONCRETE 4-6"	SF	900	\$ 4.12	\$ 3,708.00	1204.75	\$ 4,963.57	\$ 1,255.57
R12	SEWALK, 4"	SF	4000	\$ 3.58	\$ 14,320.00	5080.10	\$ 18,186.76	\$ 3,866.76
R13	COLOR AND PATTERNED CONCRETE	SF	2340	\$ 7.40	\$ 17,316.00	2340.00	\$ 17,316.00	\$ -
R14	DETECTABLE WARNING SURFACE	SF	48	\$ 33.00	\$ 1,584.00	80.00	\$ 2,640.00	\$ 1,056.00
R15	SWPPP PREP/MANAGEMENT	LS	1	\$ 582.00	\$ 582.00	1.00	\$ 582.00	\$ -
R16	DI PROTECTION	EA	5	\$ 99.00	\$ 495.00	5.00	\$ 495.00	\$ -
R17	CONSTRUCTION SITE ENTRANCE	EA	2	\$ 792.00	\$ 1,584.00	0.00	\$ -	\$ (1,584.00)
R18	TRAFFIC CONTROL	LS	1	\$ 8,913.00	\$ 8,913.00	1.00	\$ 8,913.00	\$ -
R19	REFL PAINTED STRIPE 4"	LF	5000	\$ 0.24	\$ 1,200.00	4578.00	\$ 1,098.72	\$ (101.28)
R20	REFL PAINTED STRIPE 8"	LF	200	\$ 0.45	\$ 90.00	123.00	\$ 55.35	\$ (34.65)
R21	REFL PL PAVE STRIPE 24"	LF	40	\$ 6.20	\$ 248.00	110.00	\$ 682.00	\$ 434.00
R22	PAVEMENT STRIPE REMOVAL	LF	1000	\$ 1.24	\$ 1,240.00	587.00	\$ 727.88	\$ (512.12)
R23	PERMANENT SIGNING	LS	1	\$ 545.00	\$ 545.00	1.00	\$ 545.00	\$ -
R24	CONSTRUCTION STAKING	LS	1	\$ 6,177.00	\$ 6,177.00	1.00	\$ 6,177.00	\$ -
<b>ROADWAY CONTINGENCY IMPROVEMENTS</b>								
RC1	REMOVE AND DISPOSE OF ASPHALT CURB	LS	0	\$ 1,627.20	\$ -	1.00	\$ 1,627.20	\$ 1,627.20
RC2	BIKE SIGNS AND SYMBOL	LS	0	\$ 484.00	\$ -	1.00	\$ 484.00	\$ 484.00
				\$ -	\$ -	0.00	\$ -	\$ -
				\$ -	\$ -	0.00	\$ -	\$ -
					\$ 256,950.00	\$	267,921.81	\$ 10,971.81

N. SONOMA RANCH WIDEING ROADWAY IMPROVEMENTS TOTAL

STORM DRAIN IMPROVEMENTS

ITEM NO.	DESCRIPTION	UNITS	EST. QTY.	UNIT PRICE	ESTIMATED COST	QTY. TO DATE	BILLED COST TO DATE	COST DIFFERENCE
SD1	18" RCP CLASS III PIPE	LF	166	\$ 33.00	\$ 5,478.00	147.50	\$ 4,867.50	\$ (610.50)
SD2	SINGLE GRATE DI	EA	1	\$ 3,999.00	\$ 3,999.00	1.00	\$ 3,999.00	\$ -
SD3	SINGLE GRATE DI VANE GRATE	EA	3	\$ 4,729.00	\$ 14,187.00	3.00	\$ 14,187.00	\$ -
SD4	6' DIA STORM DRAIN MANHOLE	EA	1	\$ 1,671.00	\$ 1,671.00	1.00	\$ 1,671.00	\$ -
SD5	TIE INTO EXISTING MANHOLE	EA	2	\$ 609.00	\$ 1,218.00	2.00	\$ 1,218.00	\$ -
SD6	ADJUST MH TO NEW GRADE	EA	2	\$ 394.00	\$ 788.00	4.00	\$ 1,576.00	\$ 788.00
<b>STORM DRAIN CONTINGENCY IMPROVEMENTS</b>								
SDC1	REMOVE AND DISP OF EXISTING DROP INLET	EA	0	\$ 3,128.28	\$ -	1.00	\$ 3,128.28	\$ 3,128.28
				\$ -	\$ -	0.00	\$ -	\$ -
					\$ 27,341.00	\$	30,646.78	\$ 3,305.78

N. SONOMA RANCH WIDEING STORM DRAIN IMPROVEMENTS TOTAL

**WATER IMPROVEMENTS**

ITEM NO.	DESCRIPTION	UNITS	EST. QTY.	UNIT PRICE	ESTIMATED COST	QTY. TO DATE	BILLED COST TO DATE	COST DIFFERENCE
W1	ADJUST EXISTING WATER VALVE TO GRADE	EA	7	\$ 168.00	\$ 1,176.00	7.00	\$ 1,176.00	\$ -
<b>WATER CONTINGENCY IMPROVEMENTS</b>								
				\$ -	\$ -	0.00	\$ -	\$ -

N. SONOMA RANCH WIDEING WATER IMPROVEMENTS TOTAL \$ 1,176.00 \$ -

**SEWER IMPROVEMENTS**

ITEM NO.	DESCRIPTION	UNITS	EST. QTY.	UNIT PRICE	ESTIMATED COST	QTY. TO DATE	BILLED COST TO DATE	COST DIFFERENCE
S1	ADJUST EXISTING MANHOLE RING TO GRADE	EA	5	\$ 300.00	\$ 1,500.00	5.00	\$ 1,500.00	\$ -
<b>SEWER CONTINGENCY IMPROVEMENTS</b>								
				\$ -	\$ -	0.00	\$ -	\$ -

N. SONOMA RANCH WIDEING SEWER IMPROVEMENTS TOTAL \$ 1,500.00 \$ -

**STREET LIGHTING IMPROVEMENTS**

ITEM NO.	DESCRIPTION	UNITS	EST. QTY.	UNIT PRICE	ESTIMATED COST	QTY. TO DATE	BILLED COST TO DATE	COST DIFFERENCE
SL1	LIGHT POLE FOUNDATION	EA	7	\$ 763.00	\$ 5,341.00	7.00	\$ 5,341.00	\$ -
SL2	STREET LIGHT POLE, 35'	EA	7	\$ 3,089.00	\$ 21,623.00	7.00	\$ 21,623.00	\$ -
SL3	LUM FIXTURE WITH CUT-OFF OPTICS	EA	7	\$ 548.00	\$ 3,836.00	7.00	\$ 3,836.00	\$ -
SL4	ELEC PULL BOX	EA	5	\$ 631.00	\$ 3,155.00	5.00	\$ 3,155.00	\$ -
SL5	RIGID ELECTRICAL CONDUIT	LF	2660	\$ 3.70	\$ 9,842.00	2466.00	\$ 9,124.20	\$ (717.80)
SL6	RIGID ELECTRICAL CONDUIT BORED	LF	100	\$ 27.80	\$ 2,780.00	100.00	\$ 2,780.00	\$ -
SL7	SINGLE CONDUCTOR 1	LF	75	\$ 2.60	\$ 195.00	54.00	\$ 140.40	\$ (54.60)
SL8	SINGLE CONDUCTOR 2	LF	5360	\$ 2.60	\$ 13,936.00	6492.00	\$ 16,879.20	\$ 2,943.20
SL9	LIGHTING SERVICE METER/CABINET	EA	1	\$ 6,834.00	\$ 6,834.00	1.00	\$ 6,834.00	\$ -
SL10	REM AND DISP EXISTING PULL BOX	EA	1	\$ 96.00	\$ 96.00	1.00	\$ 96.00	\$ -
SL11	REM AND DISP EXISTING CONDUCTORS	LS	1	\$ 137.00	\$ 137.00	1.00	\$ 137.00	\$ -
SL12	REM AND SALVAGE EXISTING LUM FIXTURE	EA	1	\$ 521.00	\$ 521.00	1.00	\$ 521.00	\$ -
<b>STREET LIGHTING CONTINGENCY IMPROVEMENTS</b>								
				\$ -	\$ -	0.00	\$ -	\$ -

N. SONOMA RANCH WIDEING STREET LIGHTING IMPROVEMENTS TOTAL \$ 68,296.00 \$ 70,466.80 \$ 2,170.80

**GAS IMPROVEMENTS**

ITEM NO.	DESCRIPTION	UNITS	EST. QTY.	UNIT PRICE	ESTIMATED COST	QTY. TO DATE	BILLED COST TO DATE	COST DIFFERENCE
G1	EXPLORATION TIME	1/2 HRS	5	\$ 99.00	\$ 495.00	2.00	\$ 198.00	\$ (297.00)
G2	2" STEEL CAP, CIP	EA	1	\$ 108.00	\$ 108.00	1.00	\$ 108.00	\$ -
G3	4" STEEL CAP, CIP	EA	2	\$ 175.00	\$ 350.00	2.00	\$ 350.00	\$ -
G4	6" STEEL CAP, CIP	EA	1	\$ 195.00	\$ 195.00	1.00	\$ 195.00	\$ -
G5	2" HP STEEL GAS PIPELINE, CIP	LF	85	\$ 26.00	\$ 2,210.00	85.00	\$ 2,210.00	\$ -
G6	6" HP STEEL GAS PIPELINE, CIP	LF	1810	\$ 23.90	\$ 43,259.00	1809.50	\$ 43,247.05	\$ (11.95)
G7	6" X 6" X 6" STEEL TEE, CIP	EA	1	\$ 590.00	\$ 590.00	1.00	\$ 590.00	\$ -
G8	6" X 2" STEEL REDUCER	EA	1	\$ 271.00	\$ 271.00	1.00	\$ 271.00	\$ -
G9	8" X 6" STEEL REDUCER, CIP	EA	1	\$ 281.00	\$ 281.00	1.00	\$ 281.00	\$ -
G10	6" X 45 DEG STEEL LONG RADIUS BEND	EA	6	\$ 1,680.00	\$ 10,080.00	6.00	\$ 10,080.00	\$ -
G11	6" X 90 DEG STEEL LONG RADIUS BEND	EA	4	\$ 295.00	\$ 1,180.00	4.00	\$ 1,180.00	\$ -
G12	2" X 45 DEG STEEL LONG RADIUS BEND	EA	1	\$ 124.00	\$ 124.00	1.00	\$ 124.00	\$ -
G13	2" X 90 DEG STEEL LONG RADIUS BEND	EA	3	\$ 111.00	\$ 333.00	3.00	\$ 333.00	\$ -
G14	2" STEEL VALVE FULL PORT FLANGED	EA	1	\$ 2,152.00	\$ 2,152.00	1.00	\$ 2,152.00	\$ -
G15	6" STEEL VALVE FULL PORT FLANGED	EA	2	\$ 6,611.00	\$ 13,222.00	2.00	\$ 13,222.00	\$ -
G16	6" STEEL 3-WAY SPHERICAL TEE W/ 2" EQUAL	LS	1	\$ 3,610.00	\$ 3,610.00	1.00	\$ 3,610.00	\$ -
G17	17# ANODE	EA	3	\$ 188.00	\$ 564.00	3.00	\$ 564.00	\$ -
G18	ISOLATION FITTING & TEST STATION	LS	1	\$ 1,806.00	\$ 1,806.00	1.00	\$ 1,806.00	\$ -
G19	X-RAY TESTING	LS	1	\$ 8,053.00	\$ 8,053.00	1.00	\$ 8,053.00	\$ -
G20	UTILITY PATCH	SY	1865	\$ 34.00	\$ 63,410.00	2272.29	\$ 77,257.86	\$ 13,847.86
G21	REM & DISPOSE CURB AND GUTTER	LF	37	\$ 10.00	\$ 370.00	37.00	\$ 370.00	\$ -
G22	REM & DISPOSE CONCRETE 4" TO 6" THICK	SF	484	\$ 4.00	\$ 1,936.00	312.70	\$ 1,250.80	\$ (685.20)
G23	STAND CURB & GUTTER 6" X 24"	LF	37	\$ 11.00	\$ 407.00	67.00	\$ 737.00	\$ 330.00
G24	SIDEWALK, 4"	SF	484	\$ 3.00	\$ 1,452.00	333.50	\$ 1,000.50	\$ (451.50)
G25	DRIVEPAD 6"	SF	100	\$ 4.80	\$ 480.00	0.00	\$ -	\$ (480.00)
G26	DETECTABLE WARNING SURFACE	SF	8	\$ 52.00	\$ 416.00	8.00	\$ 416.00	\$ -
G27	PROVIDE 8" INSULATOR BETWEEN UTILITY CROSS	EA	11	\$ 194.00	\$ 2,134.00	0.00	\$ -	\$ (2,134.00)
G28	PROVIDE 10" INSULATOR BETWEEN UTILITY	EA	1	\$ 291.00	\$ 291.00	1.00	\$ 291.00	\$ -
G29	REM & DISP EXISTING GAS LINE	LF	515	\$ 3.80	\$ 1,957.00	0.00	\$ -	\$ (1,957.00)
G30	CAP, PURGE, & ABANDON EXIST 3/4" PE GAS LINE	EA	2	\$ 27.00	\$ 54.00	2.00	\$ 54.00	\$ -
<b>GAS CONTINGENCY IMPROVEMENTS</b>								
G31	ADDITIONAL EXCAVATION FOR LOWERING	LS	0	\$ 7,926.87	\$ -	1.00	\$ 7,926.87	\$ 7,926.87
G32	INSTALL GAS VENT	LS	0	\$ 849.38	\$ -	1.00	\$ 849.38	\$ 849.38
<p style="text-align: right;">\$ 153,390.00      \$ 170,327.46      \$ 16,937.46</p>								

N. SONOMA RANCH WIDEING GAS IMPROVEMENTS TOTAL

**ADDITIVE ALTERNATE NO. 1 LIGHTING IMPROVEMENTS**

ITEM NO.	DESCRIPTION	UNITS	EST. QTY.	UNIT PRICE	ESTIMATED COST	QTY. TO DATE	BILLED COST TO DATE	COST DIFFERENCE
AAR1	COLD MILL ASPHALT 4" DEPTH	SY	2800	\$ 2.60	\$ 7,280.00	2800.00	\$ 7,280.00	\$ -
AAR2	COMPACT EXISTING BASE COURSE	SY	2800	\$ 0.80	\$ 2,240.00	205.78	\$ 164.62	\$ (2,075.38)
AAR3	PRIME COAT	SY	2800	\$ 0.60	\$ 1,680.00	362.62	\$ 217.57	\$ (1,462.43)
AAR4	TACK COAT	SY	2800	\$ 0.30	\$ 840.00	0.00	\$ -	\$ (840.00)
AAR5	HMAC TYPE B 4"	SY	2800	\$ 20.00	\$ 56,000.00	2706.40	\$ 54,128.00	\$ (1,872.00)
AAR6	REFL PAINTED STRIPE, 4"	LF	2500	\$ 0.24	\$ 600.00	2500.00	\$ 600.00	\$ -
AAR7	TRAFFIC CONTROL PLAN BY CONTRACTOR	LS	1	\$ 371.00	\$ 371.00	1.00	\$ 371.00	\$ -
<b>ADDITIVE ALTERNATE NO. 1 CONTINGENCY IMPROVEMENTS</b>								
AA1C1	BASE COURSE	SY	0	\$ 6.70	\$ -	2509.62	\$ 16,814.45	\$ 16,814.45
<p style="text-align: right;">\$ 69,011.00      \$ 79,575.65      \$ 10,564.65</p>								

N. SONOMA RANCH WIDEING ADDITIVE ALTERNATE NO. 1 IMPROVEMENTS TOTAL

