

**Johnson Street Sewer  
Replacement and Pavement  
Improvement Project**

**ITEM 6G**





# STAFF REPORT

CITY COUNCIL OF THE CITY OF SAUSALITO

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## AGENDA TITLE:

Acceptance of Johnson Street and Utility Improvements. Approval of revised resource allocation for Johnson Street and Utility Improvements. Approval of Change Order for Riedinger Consulting for Construction Management Services.

## RECOMMENDED MOTION:

Adopt Resolution Accepting the Constructed Improvements, Authorizing the Reappropriation of funds proportional to costs of work performed, Approval of Change Order for Construction Management Services provided, and Thanking John Benward Company and Riedinger Consulting for their Service

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## SUMMARY

By adopting Resolution No. 5128 on April 6, 2010 the City Council awarded a contract with John Benward Company for the construction of the Johnson Street and Utility Improvements Project. The bid amount was \$367,193.86. With contingency the Council authorized a project budget of \$403,913.25.

By Resolution No. 5151-1 on June 8th, 2010, the City Council awarded a contract, among other actions, to Riedinger Consulting Services for Construction Management and Inspection services with a budget of \$40,049. Funds for these services were appropriated from the Street Repair Program.

Council Resolution No. 5128 authorized funding allocations of the project bid items between the General Capital Improvement Fund, the Sewer Fund, and the Public Safety Facilities Fund. Though the final construction costs are within the authorized construction budget including the contingency the final costs differ with regard to resource allocation, Staff believes it is reasonable and appropriate to reallocate funding allocation in proportion to the final costs incurred. Similarly staff believes it is appropriate to reallocated resources for the construction management effort across the three funding sources for the construction project.

Executing the project resulted in 24 change order requests by the contractor. Though the change requests did not exceed the authorized construction budget with contingency, the handling of the numerous and various change order request resulted in additional work not originally anticipated by the Construction Manager. As a result project management costs have exceeded original Construction Management Services estimates. There is a need to augment

the budget to allow the Project Manager, Riedinger Consulting, to be fully compensated for work performed on behalf of the City. The Council previously authorized \$40,048.66. The consultant estimates that to get to project closeout will require a budget of \$65,000. Staff is requesting a project budget augmentation of \$ 24,951.34 to enable payment to Riedinger Consulting for work performed. Riedinger's efforts kept the construction costs within budget.

Staff recommends the City Council adopt the attached resolution authorizing:

- 1) Approving project management services budget augmentation of \$ 24,951.34 resulting in a final budget of \$65,000 for Riedinger Consulting Services reappropriating resources with \$9,750 from the PSF Fund, \$21,450 from the Street Repair Program (General Capital Projects Fund) and \$33,800 from the Sewer Fund.
- 2) Approval of reappropriation of resources of \$114,066.92 from the 2010/11 Street Repair Program (General Capital Projects Fund) for Johnson Street & Utility Improvements Project
- 3) Approval of reappropriation of resources of \$ 68,736.46 from the PSF Fund for Johnson Street & Utility Improvements Project.
- 4) Approval of reappropriation of resource of \$ 211,882.91 from the Sewer Fund for Johnson Street & Utility Improvements Project.

## DISCUSSION

On February 17, 2010 a Notice Inviting Bids was issued to implement the Johnson Street & Utility Improvements Project.

Bids were opened March 24<sup>th</sup>, 2010. The Council awarded a contract to construct the project on April 6<sup>th</sup>, 2010 to John Benward Company. Work began on June 14<sup>th</sup>. Paving work was substantially completed by September 10.

The project work scope included replacement of the sewer main and lower laterals on Johnson, repair of the sewer main on Caledonia, repair the storm drains in Johnson and Caledonia, reconstruction of pavement on Johnson from Bridgeway to Caledonia, the pavement overlay of Johnson from Caledonia to Glen, and the overlay of Caledonia from San Carlos to Johnson.

Shortly after the pavement was cut to provide access to the Sewer main, changed conditions were discovered in the form of utility conflicts, undocumented abandoned facilities and weaker soils than anticipated for the pavement structure. In total 24 C.O. requests were made. Project Change Orders, some executed some pending are attached to provide summary documentation of the change requests and the cost impacts to the project. Total costs for the construction is \$394,686.30. The previously authorized funding with contingency totaled approximately \$404,000.

Council Resolution No. 5128 authorized funding allocations of the bid items between the General Capital Improvement Fund (\$163,339.85), the Sewer Fund (\$121,114.07), and the Public Safety Facilities Fund (\$119,459.33) totaling \$403,913.25. Final Costs are less than the

authorized work with contingency however the final cost allocation differ from original estimates. Below is a table showing the funding allocation to bid items as well as bid items with contingency.

	Low Bid	Low Bid w/req Contingency
Sewer Fund	\$110,103.70	\$121,114.07
PSF Fund	\$108,599.39	\$119,459.33
Gen. Capital (Street Repair)	\$148,490.77	\$163,339.85
Total	\$367,193.86	\$403,913.25

During the course of construction significant challenges arose as a result of underground utilities. Executing the project resulted in 24 change order requests by the contractor. The most significant change was the decision to let the John Benward Company pave Caledonia. The Caledonia paving work had been bid as an add-alternative item. When the PSF Building plans were prepared the paving of Caledonia was contemplated. However a last minute change was made to delete the overlay work on Caledonia from the initial PSF bid work items. As bid results came in and as work proceeded, it appeared that PSF funds would be available to overlay Caledonia. Benward's costs were below those from a change order proposal prepared by Alten Construction, the prime contractor for the PSF Building.

Major elements of the Change Order work include:

- 1) a need to modify the paving structure on Johnson (between Bridgeway and Caledonia) as a result of weak soil and shallow underground utilities.
- 2) Additional manholes were installed to improve access to sewer lateral services.
- 3) Finally, cleanouts were added to the 30 installed lower laterals to allow maintenance and inspection access.

The costs for these change orders have been determined to be within previously authorized construction contingency. Our Construction Management consultant has evaluated the change order requests and has recommended compensation of approximately \$54,000 (actual \$53,679.54) which is below the contingency total of approximately \$62,000.

The handling of the numerous and various change order request also resulted in project management costs in exceeding original estimated budget. There is a need to augment the budget to allow the Riedinger Consulting to be fully compensated for work performed on behalf of the City. The Council previously authorized \$40,048.66. The consultant has determined costs of approximately \$65,000 to deliver the project to the current point.

Staff is requesting a Construction Management Services budget augmentation of \$ 24,951.34 to enable payment to Riedinger Consulting for work performed. When originally authorized the consultants costs were funded by the General Capital Fund. Given that construction costs funded by the General Capital Fund, the Sewer Fund and the PSF Fund, staff believes it is now

appropriate to allocate resources for construction management services in proportion to the funding support by the three participating funds. Final construction costs, accounting for change orders are proposed to be allocated in the amount of 15% to the PSF Fund, 33% to the General Capital Projects Fund and 52% to the Sewer Fund. If authorized, Riedingers Consulting total costs would be allocated with \$9,750 coming from the PSF Fund, \$21,450 coming from the General Capital Projects Fund and \$33,800 coming from the Sewer Fund.

The City received a potential claim from the Foundation for Fair Contracting (FFC) over the matter of payment of prevailing wages. The amount of the potential claim is \$6,767.32. John Benward Company is currently negotiating with the affected staff and their representatives. At the moment the matter has not been resolved. John Benward Company is proposing to submit a bond for amounts claimed in advance of final payment to allow the City to make a final payment to the firm.

**FISCAL IMPACT**

When Council was asked to award the contract to John Benward Company on April 6<sup>th</sup>, Council was also asked to approve a contingency amount. The Contract amount was for \$367,193.86, including a 10% contingency amount of \$36,719.39 for a total construction budget of \$403,913.25.

The project is supported by three City Funds and the awarded contract with contingency was authorized as follows:

	Low Bid	Low Bid w/req Contingency	%
Sewer Fund	\$110,103.70	\$121,114.07	30%
PSF Fund	\$108,599.39	\$119,459.33	30%
Gen. Capital Fund	\$148,490.77	\$163,339.85	40%
Total	\$367,193.86	\$403,913.25	100%

The approving resolution 5128 included a clause about fund appropriation worded as follows:

“Appropriates \$121,114.07 from the Sewer Fund, \$119,459.33 from the PSF Fund, and \$163,339.85 from the General Capital Fund representing the bid amount and a contingency of 10%”

These amounts were estimates based upon the Bid Work Item Tabulation. Actual costs differ from the estimate. Staff believes it is reasonable to consider a new appropriation authorization revising the previous allocations to current “as-built” levels to allow payments to be appropriately allocated to the supporting funds.

As built the construction cost allocation has been determined to be:

	Authorized Award Amount w/ Contingency	As Built Amounts	%
Sewer Fund	\$121,114.07	\$211,882.91	52%
PSF Fund	\$119,459.33	\$68,736.46	15%
Gen. Capital Fund	\$163,339.85	\$114,066.92	33%
Total	\$403,913.25	\$394,686.30	100%

On June 8<sup>th</sup> the Council authorized a construction management services contract with Riedinger Consulting for \$40,048.66. Riedinger assisted by providing Inspection Services and Project Administrative Services. The costs for providing these services have resulted in costs exceeding estimate. Current charges through September are currently \$61,475.45. More costs are being incurred as close out work continues. Riedinger is requesting a budget augmentation to \$65,000. The June 8<sup>th</sup> authorized budget included a 5.3% contingency. This was done to stay within Program Budget amounts. If authorized and if costs incurred reach the full augmented budget, the PM costs will be 16.5% of the construction costs with contingencies. These costs are higher than traditional Project Management allowances between 10-15%. The Change Order log details claims reductions of \$88,000 as a result of the consultant's efforts. As such Riedinger is making the point that their charges are justified. Staff concurs.

Staff is also suggesting the Council consider revising the funding allocation for Project Management Services. As authorized, costs are fully funded by the General Capital Fund. As the work benefited not only the Street Program but also the Sewer Enterprise and the PSF(Police and Fire Buildings) Project, it is appropriate to allocate costs to these funds. Staff recommends allocation in proportion to construction cost contributions. That would result in an allocation as follows:

	%	Suggested CM Services Cost Allocation
Sewer Fund	52	\$34,533.53
PSF Fund	15	\$17,691.87
Gen. Capital (Street Repair)	33	\$12,774.60
Total	100	\$65,000.00

The work is substantially done. Final Pay requests detail final construction project costs of \$394,686.30 and final Project Management Costs will be \$65,000.

## STAFF RECOMMENDATIONS

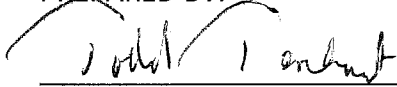
Adopt a Resolution of the City Council of the City of Sausalito:

- 1) Approving project management services budget augmentation of \$ 24,951.34 resulting in a final budget of \$65,000 to Riedinger Consulting Services and reappropriating resources of \$9,750 from the PSF Fund, \$21,450 from the Street Repair Program (General Capital Projects Fund) and \$33,800 from the Sewer Fund.
- 2) Approval of the reappropriation of resources of \$114,066.92 from the 2010/11 Street Repair Program (General Capital Projects Fund) for Johnson Street & Utility Improvements Project.
- 3) Approval of the reappropriation of resources of \$ 68,736.46 from the PSF Fund for Johnson Street & Utility Improvements Project.
- 4) Approval of the reappropriation of resource of \$ 211,882.91 from the Sewer Fund for Johnson Street & Utility Improvements Project.

## ATTACHMENTS

Resolution

PREPARED BY:



Todd Teachout  
City Engineer

REVIEWED BY (Department Head):



Jonathon Goldman  
Director of Public Works

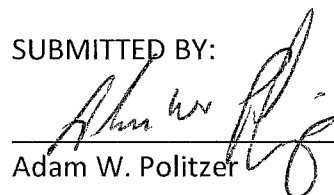
REVIEWED BY:

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Mary Wagner  
City Attorney

REVIEWED BY:

\_\_\_\_\_  
Charles Francis  
Administrative Services Director/Treasurer

SUBMITTED BY:



Adam W. Politzer  
City Manager



RESOLUTION \_\_\_\_\_

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAUSALITO:  
ACCEPTING THE JOHNSON STREET & UTILITY IMPROVEMENTS PROJECT AS COMPLETE,  
APPROVING A BUDGET AUGEMENTATION FOR CONSTRUCTION MANAGEMENT SERVICES BY  
RIEDINGER CONSULTING FOR THE JOHNSON STREET & UTILITY IMPROVEMENTS PROJECT,  
AUTHORIZING THE REAPPROPRIATION OF FUNDS FOR THE JOHNSON STREET & UTILITY  
IMPROVEMENTS PROJECT,  
AUTHORIZING THE CITY ENGINEER TO ISSUE A NOTICE OF ACCEPTANCE.**

WHEREAS, the City of Sausalito entered into a contract with John Benward Company to execute work detailed in plans and specification entitled Johnson Street and Utility Improvements, and

WHEREAS, the John Benward Company has completed work defined in the project plans and specifications, and

WHEREAS, pursuant the California Public Contract Code, the City needs to issue a Notice of Completion prior to release of assurance claims of the contractor, and

WHEREAS, John Benward Company has requested the City accept the project in order to allow final payment, and

WHEREAS, costs for the project were supported by the Sewer Fund, the General Capital Projects Fund and the PSF (Police and Fire Buildings)Fund, and

WHEREAS, final costs differed from estimates resulting in a need to reallocate resources in proportion to the actual costs for the type of work incurred, and

WHEREAS, the City of Sausalito entered into a contract with Riedinger Consulting for Construction Management Services, and

WHEREAS, costs to provided Construction Management Services exceeded estimates and require budget augmentation, and

WHEREAS, the City Council has reviewed the details of these changes.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Sausalito:

1. Accepts the Johnson Street & Utility Improvements Project as complete with a total cost from John Benward Company of \$394,686.30.
2. Approves of the reappropriation of resources of \$114,066.92 from the 2010/11 Street Repair Program (General Capital Projects Fund) for the Johnson Street & Utility Improvements Project.
3. Approves of the reappropriation of resources of \$ 68,736.46 from the PSF Fund for the Johnson Street & Utility Improvements Project.
4. Approves of the reappropriation of resource of \$ 211,882.91 from the Sewer Fund for the Johnson Street & Utility Improvements Project.

5. Approves of construction management services budget augmentation of \$ 24,951.34 resulting in a final budget of \$65,000 to Riedinger Consulting Services and supporting this budget by reappropriating resources of \$9,750 from the PSF Fund, \$21,450 from the General Capital Projects Fund and \$33,800 from the Sewer Fund.
6. Authorizes the City Engineer to issue a Notice of Completion.

AYES: Councilmembers:  
NOES: Councilmembers:  
ABSTAIN: Councilmembers:

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Mayor, City of Sausalito

ATTEST:

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City Clerk

Johnson Street & Utility Improvements		John Benward Co., Inc.		Amount Done Total		Amount Done Previously		Amount Done this Period		
QTY	UNITS	Unit Price	Extended Price	QTY	Extended Cost	QTY	Extended Cost	QTY	Extended Cost	
										QTY
<b>Progress Payment No. 4</b>										
<b>Construction Control</b>										
a. Mobilization	1	LS	\$10,725.05	\$10,725.05	1	\$10,725.05	1	\$10,725.05	\$0.00	
b. Stormwater Pollution Prevention Plan	1	LS	\$2,540.51	\$2,540.51	1	\$2,540.51	1	\$2,540.51	\$0.00	
c. Traffic Control	1	LS	\$11,086.24	\$11,086.24	1	\$11,086.24	1	\$11,086.24	\$0.00	
Subtotal - Construction Control			\$24,351.80		\$24,351.80		\$24,351.80		\$0.00	
<b>Johnson Street Improvements</b>										
a. Asphalt Concrete - (6")	270	TONS	\$88.22	\$23,819.40	261.62	\$23,080.12	261.62	\$23,080.12	\$0.00	
b. Class II Aggregate Base (12")	280	CY	\$55.54	\$15,551.20	280	\$15,551.20	280	\$15,551.20	\$0.00	
c. Dig Out and Patch (0.5')	180	SF	\$6.55	\$1,179.00	180	\$1,179.00	180	\$1,179.00	\$0.00	
d. AC Grinding (2.0")	10,600	SF	\$0.53	\$5,618.00	0	\$0.00	0	\$0.00	\$0.00	
e. Asphalt Concrete - (2.0" AC Overlay)	375	TONS	\$87.15	\$32,681.25	375	\$32,681.25	375	\$32,681.25	\$0.00	
f. Thermoplastic Pavement Markings	1	LS	\$5,365.33	\$5,365.33	1	\$5,365.33	0.9	\$4,828.80	0.1	\$536.53
g. Adjust Frames & Cover to Grade	17	EA	\$159.87	\$2,717.79	17	\$2,717.79	0	\$0.00	17	\$2,717.79
h. Adjust Manhole Rim to Grade	1	EA	\$483.54	\$483.54	1	\$483.54	0	\$0.00	1	\$483.54
i. Re-establish Survey Monument	1	EA	\$1,781.72	\$1,781.72	1	\$1,781.72	0	\$0.00	1	\$1,781.72
j. Pavement Markers (Blue Reflectors)	3	EA	\$10.57	\$31.71	3	\$31.71	0	\$0.00	3	\$31.71
k. Replace (E) Signal Loop	8	EA	\$528.60	\$4,228.80	8	\$4,228.80	8	\$4,228.80	\$0.00	
l. Sanitary Sewer Main (8"C900)	832	LF	\$79.16	\$65,861.12	832	\$65,861.12	832	\$65,861.12	\$0.00	
m. Sanitary Sewer Main (12"C900)	221	LF	\$86.62	\$19,143.02	239	\$20,702.18	239	\$20,702.18	\$0.00	
n. Precast Concrete Sectional Manholes (SSMH)	3	EA	\$3,693.86	\$11,081.58	4	\$14,775.44	4	\$14,775.44	\$0.00	
o. Precast Concrete Sectional Manholes (SDMH)	1	EA	\$4,731.22	\$4,731.22	1	\$4,731.22	1	\$4,731.22	\$0.00	
p. Storm Drain Pipe(8"C900)	132	LF	\$6,852.12	\$904,380.00	132	\$904,380.00	132	\$904,380.00	\$0.00	
q. Cured In Place Liner (Johnson Street)	329	LF	\$86.69	\$28,521.01	329	\$28,521.01	0	\$0.00	329	\$28,521.01
r. Cured In Place Liner (Caledonia Street)	64	LF	\$116.29	\$7,442.56	64	\$7,442.56	0	\$0.00	64	\$7,442.56
s. Concrete Finish Work (30" Curb & Gutter)	95	LF	\$37.94	\$3,604.30	95	\$3,604.30	95	\$3,604.30	\$0.00	
t. Demolition	1	LS	\$11,734.47	\$11,734.47	1	\$11,734.47	1	\$11,734.47	\$0.00	
u. Sewer Lateral (PVC)	39	EA	\$1,675.13	\$65,330.07	39	\$65,330.07	30	\$50,253.90	9	\$15,076.17
Subtotal Johnson Street Improvements			\$317,759.21		\$316,654.95		\$260,063.91		\$56,591.03	
Total Items			\$342,111.01		\$341,006.76		\$284,415.71		\$56,591.04	

696

Add Alternates														
v. Asphalt Concrete -- (1.5" Caledonia AC Overlay)		125	TONS	\$106.79	\$13,348.75	125	\$13,348.75	125	\$13,348.75					
w. AC Grinding (2.0")		5,400	SF	\$0.51	\$2,754.00	5400	\$2,754.00	5400	\$2,754.00					\$0.00
x. Dig Out and Patch (0.5')		220	SF	\$6.54	\$1,438.80	220	\$1,438.80	220	\$1,438.80					\$0.00
y. Adjust Frames & Cover to Grade		19	EA	\$153.73	\$2,920.87	19	\$2,920.87	19	\$0.00					\$2,920.87
z. Adjust Manhole Rim to Grade		4	EA	\$483.55	\$1,934.20	4	\$1,934.20	4	\$0.00					\$1,934.20
aa. Pavement Markers (Blue Reflectors)		2	EA	\$10.66	\$21.32	2	\$21.32	2	\$0.00					\$21.32
bb. Demolition		1	LS	\$2,664.91	\$2,664.91	1	\$2,664.91	1	\$2,664.91					\$0.00
	Subtotal Add Alternate Items				\$25,082.85		\$25,082.85		\$0.00					\$4,876.39
			Subtotal Items		\$34,062.95		\$366,089.61		\$284,415.71					\$61,467.43
C.O. Summary		No.												
	New Manhole 210810A, Trench Dams	1					\$5,298.80		\$5,298.80					\$0.00
	Additional Days for utility conflicts	2					\$400.00		\$400.00					\$0.00
	Add Add Alternates (v thru bb) see unit items	3					\$0.00		\$0.00					\$0.00
	22 Cleanouts, util coord, 1-MH, MH cone credit	4					\$18,382.60		\$18,382.60					\$0.00
	Spot Repair Johnson Storm Drain delete Slip Line	5					-\$26,513.09							-\$26,513.09
	Extra work on Sewer, Lateral, MH, credit for misc	6					\$8,469.76		\$8,469.76					\$8,469.76
	Johnson Street struct change, Weekend Paving	7					\$22,558.62		\$22,558.62					\$22,558.62
			Subtotal C.O.				\$28,596.69		\$24,081.40					\$4,515.29
Total							\$394,686.30		\$308,497.11					\$65,982.72
Less Retention (10%)							\$39,468.63							
Less Previous Payment							\$289,065.91							
Amount to Pay							\$66,151.76							

66  
10

**CONTRACT CHANGE ORDER**

CONTRACT CHANGE ORDER NO. 1 SUPPL \_\_\_\_\_

PROJECT: Johnson Street Utility Improvements

CITY PROJECT NO: Johnson Street & Utility Improvements

TO: John Benward Company, Inc.

You are hereby directed to make the herein described changes from the plans and standard specifications or do the following described work not included in the plans and specifications on this contract.

NOTE: This change order is not effective until approved by the City Engineer.

Description of work to be done, estimate of quantities, and prices to be paid. Segregate between additional work and at contract price, agreed price and force account. Unless otherwise stated, rates for rental equipment cover only such time as equipment is actually used and no allowance will be made for idle time.

CHANGE REQUESTED BY: Pat Guasco

The last percentage shown is the net accumulated increase or decrease from the original quantity in the Engineer's Estimate.

1) Replace existing Manhole 210180 A at Johnson and Bonita Streets. Price includes demolition and off haul of existing manhole.	\$4818.80
2) Install 4 trench dams along new 8" SS from Caledonia to Girard.	\$ 480.00

Estimated Cost Decrease \$0 or Increase \$ 5,298.80

By reason of this order, the time of completion will be adjusted as follows: 0 Working/Calendar Days

Submitted: Todd Teichert Name Principal Date: 8/2/2010

Approved by: Todd Teichert Name City Engineer Date: 8/2/2010

We, the undersigned contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted by: [Signature] Date: 7-27-10

Title: Project Manager Contractor: JBC

6E  
11

**CONTRACT CHANGE ORDER**

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time herein specified.

**CONTRACT CHANGE ORDER MEMORANDUM**

TO: Contingency Balance \$31,420.59 (incl.this change)

FROM:

CCO NO: 1 Suppl. No.

PROJECT: Johnson Street and Utility Improvements

CONTRACT NO: \_\_\_\_\_

**THIS CHANGE ORDER PROVIDES FOR:**

Manhole replacement to address pipe size change. This work will remove a manhole that has 6 in inflow and outflow pipes with one that has a 6 inch inflow and a 8 in outflow. A new manhole will facilitate flow and maintenance.

The change request does not change costs. The Contract Time of completion shall not be adjusted with this change.

CCO DISCUSSED WITH AND CONCURRED BY:	ESTIMATE OF COST	
	This CCO	Contract Total to Date
1. C. Riedinger w/ K. Love	N/C	\$0
2. C, Riedinger w/ T. Teachout		
Items		
Force Acct.		
Agreed Price	\$ 5,298.80	\$
Adjustments		
Total	\$ 5,298.80	\$ 347,409.81

**PROJECT REPRESENTATIVE**

Name: Cristina Riedinger 7/27/10

6E  
12

**CONTRACT CHANGE ORDER**

CONTRACT CHANGE ORDER NO. 2 SUPPL \_\_\_\_\_

PROJECT: Johnson Street & Utility Improvements

CITY PROJECT NO:

TO: John Benward Company, Inc.

You are hereby directed to make the herein described changes from the plans and standard specifications or do the following described work not included in the plans and specifications on this contract.

**NOTE:** This change order is not effective until approved by the City Engineer.

Description of work to be done, estimate of quantities, and prices to be paid. Segregate between additional work and at contract price, agreed price and force account. Unless otherwise stated, rates for rental equipment cover only such time as equipment is actually used and no allowance will be made for idle time.

CHANGE REQUESTED BY: Kelvin Love

The last percentage shown is the net accumulated increase or decrease from the original quantity in the Engineer's Estimate.

Extend Contract Completion Date to August 27, 2010. This increases the Contract Duration 4 working days, to a total of 54 working days. Contractor requests an additional \$100/day to cover the rental costs of the Portalet, signage, and other rental materials, and extended overhead.

The additional days requested are for the demolition and installation of the manhole at Bonita and Johnson and extra time spent working around unknown utilities in Johnson St. between Caledonia and Bridgeway, including the MMWD water main and thrust block.

Estimated Cost Decrease \$0 or Increase \$400.00

By reason of this order, the time of completion will be adjusted as follows: 4 Working Days

Submitted: John Terakian Name NW-Demo-Principal Date: 8/2/2010

Approved by: Todd Lambie Name City Engineer Date: 8/2/2010

We, the undersigned contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted by: [Signature] Date: 7-27-10

Title: Project Manager Contractor: JBC

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time herein specified.

6E  
13

**CONTRACT CHANGE ORDER**

**CONTRACT CHANGE ORDER MEMORANDUM**

TO: Contingency Balance \$31,020.59 (incl.this change)

FROM:

CCO NO: 2 Suppl. No.

PROJECT: Johnson Street and Utility Improvements

CONTRACT NO: \_\_\_\_\_

**THIS CHANGE ORDER PROVIDES FOR:**

Additional time required to workaround unknown utilities at Johnson Street between Bridgeway Blvd. and Caledonia St. Additional time required to replace the manhole at Bonita and Johnson Sts. The direct costs of both of these changes are included in separate change orders.

The change request does not change costs. The Contract Time of completion shall not be adjusted with this change.

CCO DISCUSSED WITH AND CONCURRED BY:	ESTIMATE OF COST	
	This CCO	Contract Total to Date
1. C. Riedinger w/ K. Love	Items	\$0
2. C. Riedinger w/ T. Teachout	Force Acct.	
	Agreed Price	\$
	Adjustments	
	Total	\$ 347,809.81

**PROJECT REPRESENTATIVE**

Name: Constanza Riedinger 7/27/10

605  
14



**CONTRACT CHANGE ORDER**

CONTRACT CHANGE ORDER NO. 3 SUPPL \_\_\_\_\_

PROJECT: Johnson Street & Utility Improvements

CITY PROJECT NO:

TO: John Benward Company, Inc.

You are hereby directed to make the herein described changes from the plans and standard specifications or do the following described work not included in the plans and specifications on this contract.

**NOTE:** This change order is not effective until approved by the City Engineer.

Description of work to be done, estimate of quantities, and prices to be paid. Segregate between additional work and at contract price, agreed price and force account. Unless otherwise stated, rates for rental equipment cover only such time as equipment is actually used and no allowance will be made for idle time.

**CHANGE REQUESTED BY:** Todd Teachout

The last percentage shown is the net accumulated increase or decrease from the original quantity in the Engineer's Estimate.

Additive Alternate as defined in Addendum #2 dated March 23, 2010. Alternate price includes the following:

1. Asphalt Concrete – 1.5" AC Overlay on Caledonia Street – 125 Tons @ \$106.79 per ton = \$13,348.75
2. AC Grinding – 2.0" – 5400 sf @ \$0.51 per sf = \$2,754.00
3. Dig Out and Patch – 0.5' – 220 sf @ \$6.54 per sf = \$1,438.80
4. Adjust Frames and Cover to Grade – 19 each @ \$153.73 each = \$ 2,920.87
5. Adjust Manhole Rim to Grade – 4 each @ \$483.55 = \$1,934.20
6. Pavement Markers- Blue Reflectors – 2 each @ \$10.66 each = \$21.32
7. Demolition – lump sum - \$2,664.91
8. Extended Time – 3 days @ \$100/day= \$300.00

Estimated Cost Decrease      \$0      or Increase \$25,382.85

By reason of this order, the time of completion will be adjusted as follows: 3 Working Days

Submitted: TODD TEACHOUT Name NW-Demo-Principal Date: 6/2/2010

Approved by: Todd Teachout Name City Engineer Date: 6/2/2010

We, the undersigned contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted by: [Signature] Date: 7-27-10

Project Manager      JBC

6E  
15

**CONTRACT CHANGE ORDER**

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

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time herein specified.

**CONTRACT CHANGE ORDER MEMORANDUM**

TO: Contingency Balance \$30,720.59 (incl.this change)

FROM:

CCO NO: 3 Suppl. No.

PROJECT: Johnson Street and Utility Improvements

CONTRACT NO: \_\_\_\_\_

**THIS CHANGE ORDER PROVIDES FOR:**

1.5" Asphalt overlay on Caledonia St. between Bridgeway Blvd. and Johnson Street as shown on sheets G2 and G3. This work will follow completion of the Public Safety Facilities project and demobilization of the general contractor, Alten Construction.

The change request does not change costs. The Contract Time of completion shall not be adjusted with this change.

CCO DISCUSSED WITH AND CONCURRED BY:	ESTIMATE OF COST	
1. C. Riedinger w/ K. Love	This CCO	Contract Total to Date
2. C. Riedinger w/ T.Teachout	Items	N/C
	Force Acct.	\$0
	Agreed Price	\$ 25,382.85
	Adjustments	\$
	Total	\$ 25,382.85
		\$ 373,192.66

**PROJECT REPRESENTATIVE**

Name: Constance Riedinger 7/27/10

6E  
16

**CONTRACT CHANGE ORDER**

CONTRACT CHANGE ORDER NO. 4    SUPPL \_\_\_\_\_

PROJECT: Johnson Street & Utility Improvements

CITY PROJECT NO:

TO: John Benward Company, Inc.

You are hereby directed to make the herein described changes from the plans and standard specifications or do the following described work not included in the plans and specifications on this contract.

**NOTE:** This change order is not effective until approved by the City Engineer.

Description of work to be done, estimate of quantities, and prices to be paid. Segregate between additional work and at contract price, agreed price and force account. Unless otherwise stated, rates for rental equipment cover only such time as equipment is actually used and no allowance will be made for idle time.	
<b>CHANGE REQUESTED BY:</b> Pat Guasco (items 1,3, and 4); Kelvin Love (item 2)	
1) Time and material to install 22 cleanouts at sewer laterals, which did not have existing cleanouts. (COR #4)	\$8,524.12
2) Extra time digging around utilities, not on plans and not marked by USA, during the installation of sewer main between Bridgeway and Caledonia Sts. (COR #5)	\$2,892.31
3) Add manhole near 421 Johnson St. Manhole added after installation of main during the installation of sewer laterals, which required additional labor. (COR #10)	\$7,158.65
4) Credit for cone section of additional MH at Bonita. Existing cone was reused. (COR #11)	(\$ 192.48)
Estimated Cost Decrease    \$0    or Increase \$ 18,382.60	
By reason of this order, the time of completion will be adjusted as follows: <u>0</u> Working Days	
Submitted: <u>CTT</u> Name: <u>NW Demo-Principal-IT</u> Date: _____	
Approved by: <u>[Signature]</u> Name: _____    City Engineer    Date: <u>9/30/2010</u>	
We, the undersigned contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.	
Accepted by: <u>[Signature]</u> Date: <u>9-30-10</u>	
Title: <u>PM</u> Contractor: <u>JBC</u>	
If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time herein specified.	

6E  
17

**CONTRACT CHANGE ORDER**

**CONTRACT CHANGE ORDER MEMORANDUM**

TO: Contingency Balance \$12,337.99 (incl.this change)

FROM:

CCO NO: 4 Suppl. No.

PROJECT: Johnson Street and Utility Improvements

CONTRACT NO: \_\_\_\_\_

**THIS CHANGE ORDER PROVIDES FOR:**

Cleanouts for sewer laterals at 22 locations as requested by City Sewer Coordinator. An additional Manhole located near 421 Johnson St. between Caledonia and Bonita Sts. as requested by City Sewer Coordinator. Additional time and equipment expended by the Contractor due to unmarked utilities in Johnson St. The City's agreement to pay for additional time due to unmarked utilities during the installation of sewer main between Bridgeway and Caledonia, is not a precedent to pay for additional time due to unmarked utilities requested in other COR's.

The Contract Time of completion shall not be adjusted with this change.

CCO DISCUSSED WITH AND CONCURRED BY:	ESTIMATE OF COST	
	This CCO	Contract Total to Date
1. C. Riedinger w/ K. Love	N/C	\$0
2. C. Riedinger w/ T.Teachout		
	Force Acct.	
	Agreed Price	\$ 18,382.60
	Adjustments	\$
	Total	\$ 18,382.60
		\$ 391,575.26

**PROJECT REPRESENTATIVE**

Name: Constance Riedinger

6E  
18

**CONTRACT CHANGE ORDER**

**CONTRACT CHANGE ORDER NO. 5**

PROJECT: Johnson Street & Utility Improvements

CITY PROJECT NO:

TO: John Benward Company, Inc.

You are hereby directed to make the herein described changes from the plans and standard specifications or do the following described work not included in the plans and specifications on this contract.

**NOTE:** This change order is not effective until approved by the City Engineer.

Description of work to be done, estimate of quantities, and prices to be paid. Segregate between additional work and at contract price, agreed price and force account. Unless otherwise stated, rates for rental equipment cover only such time as equipment is actually used and no allowance will be made for idle time.	
<b>CHANGE REQUESTED BY:</b> Pat Guasco	
1) Expose, repair, and backfill spot repairs for offset portion of Johnson St. storm drain. (COR #18)	\$4,990.00
2) Delete the addition of slip liners in Caledonia St. and Johnson St. storm drains, due to existing condition of storm drains shown in pipe video. Credit from Pacific Liners for CIPP less cost of submittals and camera inspection. (COR #20)	(\$31,503.09)
Estimated Cost Decrease <b>\$26,513.09</b> or Increase \$ 0	
By reason of this order, the time of completion will be adjusted as follows: <u>0</u> Working Days	
Approved by: _____ Date: _____ Name City Engineer	
We, the undersigned contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.	
Accepted by: <u>[Signature]</u>	Date: <u>10-25-10</u>
Title: <u>Project Manager</u>	Contractor: <u>JBC</u>
If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time herein specified.	

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19

**CONTRACT CHANGE ORDER**

**CONTRACT CHANGE ORDER MEMORANDUM**

TO: Contingency Balance \$38,851.08 (incl.this change)

FROM:

CCO NO: 5

PROJECT: Johnson Street and Utility Improvements

CONTRACT NO: \_\_\_\_\_

**THIS CHANGE ORDER PROVIDES FOR:**

Exposing, repairing, and backfilling spot repairs for offsets along the Johnson St. storm drain. A credit from Pacific Liners for a CIPP slip-line not installed in Caledonia and Johnson St. storm drains.

The Contract Time of completion shall not be adjusted with this change.

CCO DISCUSSED WITH AND CONCURRED BY:	ESTIMATE OF COST		
	Items	This CCO	Contract Total to Date
1. C. Riedinger w/ K. Love		N/C	\$ 0
2. C. Riedinger w/ T.Teachout	Force Acct.		
	Agreed Price	(\$26,513.09)	\$
	Adjustments		
	Total	(\$26,513.09)	\$ 365,062.17

**PROJECT REPRESENTATIVE**



Name: \_\_\_\_\_

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**JOHN BENWARD  
COMPANY, INC.**

General Engineering Contractors • Lic. #750809 • (707) 996-7809  
21750 Eighth St. East, Suite B  
Sonoma CA 95476  
Fax 996-2028

# Change Order Request

JBC Order#: 18

GC Order #:

Order Date: 08/23/2010

To: City of Sausalito  
420 Litho Street  
Sausalito CA 94965

Project: 2042  
Johnson St. Utility Improve.  
Johnson/Bridgeway/Caledonia St  
Sausalito CA

The contractor agrees to perform and the owner agrees to pay for this change order to the contract in conformance with the terms and conditions of said contract.

Plans Attached

Specifications Attached

Ordered By:

### Description of Work

### Amount

EWR #7292 8/10/10 Stayed late per direction of City to pothole storm drain in locations that were off-set.	1,207.73
EWR #7294 8/11/10 Storm drain, on Johnson St., pour concrete collars on off-set storm drain. Dug up both repairs & fixed them, placed trench plates for the night.	2,926.19
EWR #7296 8/12/10 Backfill spot repairs at storm drain on Johnson St.	856.08

### Notes

Approved on Owner COR #5

Negative changes will lower the overall contract price requiring no additional payment by owner.

Requested Amount of Change

4,990.00

The original Contract Sum was .....	342,111.01
Net change by previous Change Orders .....	31,081.65
The Contract Sum prior to this Change Order .....	373,192.66
The Contract Sum will be changed by this Change Order .....	4,990.00
The new Contract Sum including this Change Order will be .....	378,182.66
The Contract Time will be changed by .....	0 Days

6E  
21

**CONTRACT CHANGE ORDER**

**CONTRACT CHANGE ORDER NO. 6**

PROJECT: Johnson Street & Utility Improvements

CITY PROJECT NO:

TO: John Benward Company, Inc.

You are hereby directed to make the herein described changes from the plans and standard specifications or do the following described work not included in the plans and specifications on this contract.

NOTE: This change order is not effective until approved by the City Engineer.

Description of work to be done, estimate of quantities, and prices to be paid. Segregate between additional work and at contract price, agreed price and force account. Unless otherwise stated, rates for rental equipment cover only such time as equipment is actually used and no allowance will be made for idle time.

CHANGE REQUESTED BY: Additions - Kelvin Love; Credits- Constance Riedinger

- 1) Additional time spent on installation of sewer main due to: digging around unmarked utilities, waiting for utility companies to repair unmarked and damaged lines, and re-cutting a sewer trench that had not been properly aligned. (COR #12) \$ 9,775.28
- 2) Extra time spent on installation of sewer laterals and cleanouts from 6/29/19 to 7/19/10 due to: unmarked or improperly marked underground utilities, a dead lateral, and existing CDF backfill. (COR #13) \$9,902.96
- 3) Extra time spent on installation of sewer laterals and cleanouts from 7/21/10 to 7/28/10 due to: working around existing utilities, improperly marked utilities, a dead lateral, and existing concrete backfill. (COR #15) \$9,476.53
- 4) Adjust to grade 3 additional manhole rims and covers. (COR #22) \$1,450.62
- 5) Credit for bid items not installed: 9 sewer laterals, 17 adjustments to frames and covers in Johnson St., 19 adjustments to frames and covers in Caledonia St., storm drain patch and pave. (COR #23) (\$ 22,135.63)

Estimated Cost Decrease \$0 or Increase \$ 8,469.76

By reason of this order, the time of completion will be adjusted as follows: 0 Working Days

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
Name City Engineer

We, the undersigned contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted by: [Signature] Date: 10-25-10

Title: Project Manager Contractor: JBC

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22



**CONTRACT CHANGE ORDER**

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time herein specified.

**CONTRACT CHANGE ORDER MEMORANDUM**

TO: Contingency Balance: \$30,381.32 (incl.this change)

FROM:

CCO NO: 6

PROJECT: Johnson Street and Utility Improvements

CONTRACT NO: \_\_\_\_\_

**THIS CHANGE ORDER PROVIDES FOR:**

Additional time spent digging around utilities to perform installation of sewer laterals and cleanouts. Time spent waiting for utility companies to repair unmarked utilities that had been hit. A credit for not having to adjust utility frames or covers to grade. A credit for 9 sewer laterals not installed. A charge for adjusting 3 additional MH frames and covers to grade. A credit for a Storm Drain Trench patch pave that wasn't performed.

The Contract Time of completion shall not be adjusted with this change.

CCO DISCUSSED WITH AND CONCURRED BY:	ESTIMATE OF COST	
	This CCO	Contract Total to Date
1. C. Riedinger w/ K. Love	N/C	\$ 0
2. C. Riedinger w/ T.Teachout		
Items		
Force Acct.		
Agreed Price	\$ 8,469.76	\$
Adjustments		
Total	\$ 8,469.76	\$ 373,531.93

PROJECT REPRESENTATIVE

Name: Constana Riedinger

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**JOHN BENWARD  
COMPANY, INC.**  
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21750 Eighth St. East, Suite B  
Sonoma CA 95476  
Fax 996-2028

# Change Order Request

JBC Order#: 12  
GC Order #: 1563  
Order Date: 07/30/2010

**To:** City of Sausalito  
420 Litho Street  
Sausalito CA 94965

**Project:** 2042  
Johnson St. Utility Improve.  
Johnson/Bridgeway/Caledonia St  
Sausalito CA

The contractor agrees to perform and the owner agrees to pay for this change order to the contract in conformance with the terms and conditions of said contract.

Plans Attached

Specifications Attached

**Ordered By:** 1484 Kelvin Love

Description of Work	Amount
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<p>EWR 7264 June 28 Time spent to jack hammer out and dig around a CDF encased water line that was not shown on the plans that was in the way of the SS main line.</p>	
<p>EWR 7265 July 1 No information was given on grade break in the main line from 2% to 11%. due to this lack of information the crew was unable to proceed forward. This covers the cost of the delay and standby time.</p>	
<p>EWR 7267 July 8 Crew was put on standby while MMWD repaired a water line that had not been marked and also while they spent time identifying what services were live or dead just before the new man-hole location at Bonita and Johnson.</p>	
<p>EWR 7268 July 13 Had to re-cut the last 192 LF of the main line trench. the alignment of the existing Main was not located where the previous trench line had been cut.</p>	
<p>EWR 7269 July 14 Additional time and overtime spent by the crew in waiting for PGE to cut a gas service out of the way and cap it. PGE didn't complete the work until around 6:00 pm and JBC crews had to spend time to make the road accessible for the local traffic through the night.</p>	
<p>EWR 7270 July 14 Around 12:30 pm the main line crew came across a gas service near the top of Johnson Street (511) that was leaking. It was thought that the leak was caused by the excavation but found that it was not. The crew had to stop production and pull back to wait for repair.</p>	

Negative changes will lower the overall contract price requiring no additional payment by owner.

**Requested Amount of Change**

**9,775.28**

The original Contract Sum was .....	342,111.01
Net change by previous Change Orders .....	5,698.80
The Contract Sum prior to this Change Order .....	347,809.81
The Contract Sum will be changed by this Change Order .....	9,775.28
The new Contract Sum including this Change Order will be .....	357,585.09
The Contract Time will be changed by .....	2 Days

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Change Order

Continued...

Order: 12

Date: 10-25-2010

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Description of Work	Amount
Total for the above EWR's Approved on COR #6	9,775.28

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**Notes**

This COR covers additional costs incurred by JBC due to unforeseen conditions, utilities, etc.

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25



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COMPANY, INC.**  
General Engineering Contractors • Lic. #750809 • (707) 996-7609  
21750 Eighth St. East, Suite B  
Sonoma CA 95476  
Fax 996-2028

# Change Order Request

JBC Order#: 13  
GC Order #: 1563  
Order Date: 07/30/2010

**To:** City of Sausalito  
420 Litho Street  
Sausalito CA 94965

**Project:** 2042  
Johnson St. Utility Improve.  
Johnson/Bridgeway/Caledonia St  
Sausalito CA

The contractor agrees to perform and the owner agrees to pay for this change order to the contract in conformance with the terms and conditions of said contract.

Plans Attached

**Ordered By:** 1484 Kelvin Love

Specifications Attached

Description of Work	Amount
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EWR 7262 June 29

While installing the clean-out for lateral #1 @ Sta. 73+4, it was found that the storm drain was not as shown on the plans. There were other lines, water, mystery lines etc in the way. Extra time was spent to complete the cleanout as well as the main lateral due to all of the obstructions. it was also found at this point that the insert a tee that had been installed as directed had to be abandoned and a new one installed

EWR 7263 June 30

While installing the clean-out for lateral #2 @ Sta. 29+6, it was found that the storm drain was not as shown on the plans. There were other lines, water, mystery lines etc in the way. Extra time was spent to complete the cleanout as well as the main lateral due to all of the obstructions. it was also found at this point that the insert a tee that had been installed as directed had to be abandoned and a new one installed

EWR 7276 July 13

Saw cut and excavated the lateral at 417 Johnson St as it had been marked. Lateral could not be found. Had to re-cut, excavate Etc.

EWR 7271 July 14

Time spent by JBC at 410 Johnson St to remove plates, disconnect a temp tie in so that a camera and rod could be inserted into the line to find out what was causing the blockage. it as found that it was not caused by JBC and that it was something els.

EWR 7275 July 19

At 421 Johnson St, there were two laterals in the same trench. These laterals ran under a TV/Cable box. Extra time was needed to dig around, under the box to get the alignment correct.

Negative changes will lower the overall contract price requiring no additional payment by owner.

**Requested Amount of Change** 9,902.96

The original Contract Sum was .....	342,111.01
Net change by previous Change Orders .....	5,698.80
The Contract Sum prior to this Change Order .....	347,809.81
The Contract Sum will be changed by this Change Order .....	9,902.96
The new Contract Sum including this Change Order will be .....	357,712.77
The Contract Time will be changed by .....	2 Days

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26*

Change Order  
Continued...

Order: 13  
Date: 10-25-2010

Description of Work	Amount
EWR 7279 July 20 Time spent to dig around a CDF backfilled water line and 2 other utilites that were un known in order to install the lateral at 424 Johnson Street.	
Total approved for the Above EWR's Approved on Owner COR #6	9,902.96

**Notes**

This COR covers the extra work, time and materials to complete the installation of the laterals and clean outs thru July 20, 2010.

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07



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COMPANY, INC.**  
General Engineering Contractors • Lic. #750809 • (707) 996-7809  
21750 Eighth St. East, Suite B  
Sonoma CA 95476  
Fax 996-2028

# Change Order Request

JBC Order#: 15

GC Order #:

Order Date: 08/11/2010

**To:** City of Sausalito  
420 Litho Street  
Sausalito CA 94965

**Project:** 2042  
Johnson St. Utility Improve.  
Johnson/Bridgeway/Caledonia St  
Sausalito CA

The contractor agrees to perform and the owner agrees to pay for this change order to the contract in conformance with the terms and conditions of said contract.

Plans Attached

Specifications Attached

**Ordered By:**

Description of Work	Amount
EWR #7280 7/21/10 The 4" line that was plumbed into new manhole was dead even after being dug up & plumbed. Crew backfilled & abandoned it.	
EWR #7281 7/21/10 425 lateral a lot of digging due to an existing trench that was backfilled in concrete which encased the old sewer lateral.	
EWR #7282 7/22/10 427 lateral took longer due to wrong location of trench marked by Pat Guasco. JBC had to re-cut & hand dig to make work.	
EWR #7283 7/22/10 431 lateral not marked in right location, had to re-cut.	
EWR #7284 7/23/10 412 lateral had four water services to dig around. Had to take each box off the meter then re-set after, lots of hand work.	
EWR #7285 7/23/10 Had to dig under sidewalk due to PG&E box with high voltage wire, plus other conduits to dig around 410 lateral.	
EWR #7287 7/28/10 509 lateral, Pat Guasco wanted clean out at back of sidewalk, had to cut two more panels & dig around the gas service to accomplish this.	

Negative changes will lower the overall contract price requiring no additional payment by owner.

**Requested Amount of Change**

**9,476.53**

The original Contract Sum was .....	342,111.01
Net change by previous Change Orders .....	31,081.65
The Contract Sum prior to this Change Order .....	373,192.66
The Contract Sum will be changed by this Change Order .....	9,476.53
The new Contract Sum including this Change Order will be .....	382,669.19
The Contract Time will be changed by .....	0 Days

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28

Change Order

Continued...

Order: 15

Date: 10-25-2010

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**Description of Work**

**Amount**

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EWR #7286 7/28/10

518 lateral was located under a cable box & right along side a telephone pole. Had to tunnel under cable box. Also, existing lat was on top of water main. Pat Guasco instructed crew to plumb the new lat under water main.

EWR #7288 7/30/10

When digging for the manhole a 4" lateral was found just outside manhole. Pat Guasco wanted it plumbed into the manhole & also had to hand float a channel for it.

Total Approved for the Above ERW's  
Approved on Owner COR #6

9,476.53

**Notes**

65  
29

**CONTRACT CHANGE ORDER**

**CONTRACT CHANGE ORDER NO. 7**

PROJECT: Johnson Street & Utility Improvements

CITY PROJECT NO:

TO: John Benward Company, Inc.

You are hereby directed to make the herein described changes from the plans and standard specifications or do the following described work not included in the plans and specifications on this contract.

**NOTE:** This change order is not effective until approved by the City Engineer.

Description of work to be done, estimate of quantities, and prices to be paid. Segregate between additional work and at contract price, agreed price and force account. Unless otherwise stated, rates for rental equipment cover only such time as equipment is actually used and no allowance will be made for idle time.

**CHANGE REQUESTED BY:** Kelvin Love (item 1), Todd Teachout (items 2,3,4,5)

- |   |                      |
|---|----------------------|
| 1) Credit back Line item #5 (Aggregate Base) because existing utilities in road section at Lower Johnson St. caused a change in scope. Aggregate base eliminated and replaced with Thickened asphalt and fabric in some locations. (COR #8) | <b>(\$15,551.20)</b> |
| 2) Over-excavate 4" to 12" and add RS580i fabric on south half of lower Johnson St. and 600X Fabric on north half of road. Increased asphalt depth in areas where base rock Eliminated in COR #8. (COR #9)                                  | <b>\$15,551.20</b>   |
| 3) Premium time to pave on Saturday, August 21, 2010. (COR #16)   | <b>\$5,080.78</b>    |
| 4) 184 Additional tons of AC for overlay at Caledonia and Johnson Sts. due to additional Grinding of existing concrete road. (COR #21)  | <b>\$16,035.60</b>   |
| 5) Install a hand-hole for Traffic Loop detector at Bridgeway and Johnson Sts. (COR #24)  | <b>\$1,442.24</b>    |

Estimated Cost Decrease \$0 or Increase \$ 22,558.62

By reason of this order, the time of completion will be adjusted as follows: 0 Working Days

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
Name City Engineer

We, the undersigned contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted by: [Signature] Date: 10-25-10

Title: PM Contractor: JBC

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to

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30



**CONTRACT CHANGE ORDER**

proceeding with the ordered work and filing a written protest within the time herein specified.

**CONTRACT CHANGE ORDER MEMORANDUM**

TO: Contingency Balance \$7,822.70 (incl.this change)

FROM:

CCO NO: 7

PROJECT: Johnson Street and Utility Improvements

CONTRACT NO: \_\_\_\_\_

**THIS CHANGE ORDER PROVIDES FOR:**

A credit for Aggregate Base not used in constructing the Johnson St. road section between Caledonia and Bridgeway due to a change in scope caused by existing, shallow utilities in the road structure. The City Engineer addressed this issue by directing the overexcavation of 4" in the subbase, and placement of RS580i geotextile fabric. Direction was also given to overexcavate 12" of subbase in especially soft areas before the placement of the RS580i fabric. 600x geotextile fabric was placed on the north side of the road section. John Benward Company was asked to, and performed, weekend work for the overlay of Johnson and Caledonia streets at their premium rate. During the overlay, an additional 184 tons of Asphalt Concrete was placed. When the Traffic Loops were installed on Johnson at Bridgeway, an extra box had to be installed to accommodate additional wiring for eight loops.

The Contract Time of completion shall not be adjusted with this change.

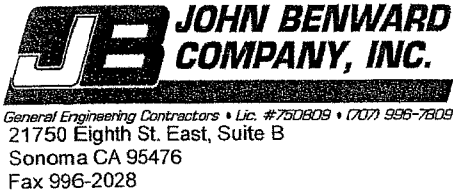
CCO DISCUSSED WITH AND CONCURRED BY:	ESTIMATE OF COST	
	This CCO	Contract Total to Date
1. C. Riedinger w/ K. Love	N/C	\$0
2. C. Riedinger w/ T.Teachout		
Items		
Force Acct.		
Agreed Price	\$ 22,558.62	\$
Adjustments		
Total	\$ 22,558.62	\$396,090.55

PROJECT REPRESENTATIVE

*Constanza Riedinger*

Name: \_\_\_\_\_

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31



# Change Order Request

JBC Order#: 9  
 GC Order #: 1563  
 Order Date: 07/30/2010

**To:** City of Sausalito  
 420 Litho Street  
 Sausalito CA 94965

**Project:** 2042  
 Johnson St. Utility Improve.  
 Johnson/Bridgeway/Caledonia St  
 Sausalito CA

The contractor agrees to perform and the owner agrees to pay for this change order to the contract in conformance with the terms and conditions of said contract.

Plans Attached

**Ordered By:** 1484 Kelvin Love

Specifications Attached

Description of Work	Amount
EWR 7273 July 15, 2010 Direction was given in the field after viewing a proof roll to over excavate the bad spots 4" deeper than the sub-grade, place RS580 Fabric and cover with 4" of rock. This reflects this work.	
EWR 7274 July 16, 2010 it was found that the direction given on July 15 was not working. Additional direction was given to overex to a depth of 12" from finish grade and place the RS580 fabric on the south side and 600X fabric on the north side. Plugging with AC is being billed under Line itme 4 at the unit price per ton. Not included in this EWR.	
EWR 7272 July 15, 2010 Crew and equipment were put on standby while a decision was made on what to do about the poor soil conditions.	
Total Approved for the Above EWR's	15,551.20
Approved on Owner COR #7	

**Notes**

This COR is to take the place of Line item #5 which was credited back in COR #8.

Negative changes will lower the overall contract price requiring no additional payment by owner.

**Requested Amount of Change**

**15,551.20**

The original Contract Sum was .....	342,111.01
Net change by previous Change Orders .....	5,698.80
The Contract Sum prior to this Change Order .....	347,809.81
The Contract Sum will be changed by this Change Order .....	15,551.20
The new Contract Sum including this Change Order will be .....	363,361.01
The Contract Time will be changed by .....	2 Days

6E  
32



**JOHN BENWARD  
COMPANY, INC.**  
General Engineering Contractors • Lic. #750809 • (707) 996-7809  
21750 Eighth St. East, Suite B  
Sonoma CA 95476  
Fax 996-2028

# Change Order Request

JBC Order#: 24  
GC Order #: 1563  
Order Date: 10/25/2010

**To:** City of Sausalito  
420 Litho Street  
Sausalito CA 94965

**Project:** 2042  
Johnson St. Utility Improve.  
Johnson/Bridgeway/Caledonia St  
Sausalito CA

The contractor agrees to perform and the owner agrees to pay for this change order to the contract in conformance with the terms and conditions of said contract.

Plans Attached

Specifications Attached

**Ordered By:** 1484 Kelvin Love

Description of Work	Amount
Install Hand-Hole for Traffic Loope at Bridgeway Approved on COR #7	1,442.24

**Notes**

Negative changes will lower the overall contract price requiring no additional payment by owner.

**Requested Amount of Change**

1,442.24

The original Contract Sum was .....	342,111.01
Net change by previous Change Orders .....	35,171.22
The Contract Sum prior to this Change Order .....	377,282.23
The Contract Sum will be changed by this Change Order .....	1,442.24
The new Contract Sum including this Change Order will be .....	378,724.47
The Contract Time will be changed by .....	0 Days

6E  
33

