



STAFF REPORT

SAUSALITO CITY COUNCIL

AGENDA TITLE:

Street Repair Program – Change Order Request

RECOMMENDED MOTION:

Adopt a resolution of the City Council of the City of Sausalito authorizing:

- (1) Approving Project Budget Augmentation
 - (2) Appropriating additional funds from 2010/11 Street Repair Program and 2010/11 Base Repair Program.
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SUMMARY

During the course of its Special Meeting of June 8, 2010 the City Council awarded a contract to Maggiora & Ghilotti for construction of the 2010 Street Repair Program. The bid amount was \$667,667. With contingency, the Council authorized a project budget of \$703,662.

During the course of construction, quantities of some work items exceeded estimates and additional work was required that was not described within the plans and specifications. The additional quantities (primarily asphalt concrete (“AC”) quantities of 16% over estimate) and the additional work (additional patching, additional striping, intersection reconstruction at Locust/Girard) exceeded authorized budget.

Staff requests a project budget augmentation of \$84,338 to enable payment for work performed.

Staff recommends that the City Council adopt the attached resolution authorizing:

- 1) Expenditure of \$44,190 from the 2010/11 Street Repair Program for the 2010 Project
- 2) Expenditure of \$40,148 from the 2010/11 Base Repair Program for the 2010 Project
- 3) Approving 2010 Project budget augmentation of \$84,338.

DISCUSSION

On April 15, 2010 a Notice Inviting Bids was issued to implement the 2010 Sausalito Street Repair Program.

Item #: 6E
Meeting Date: October 19, 2010
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Bids were opened May 18th, 2010. The Council awarded a contract to construct the project on June 8th, 2010 to Maggiora & Ghilotti. Work began on July 14th. Paving work was substantially completed by September 3, though striping work continued through September. Staff is still reconciling "punch list" items with field conditions. Staff expects to return to the Council in November with an item to formally accept the work.

Three notable changes from the project plans are: (1) the overlay of Third Street was removed from the project due timing conflicts with a private utility undergrounding project occurring in the street repair work area; (2) A seal coat of El Portal from Tracy Way to Bridgeway was deferred because of impacts to business during the busiest time of the year; and (3) replacement of pavement striping on slurry seal streets was not defined in the plans but was needed for traffic safety.

Additional work was authorized in the form of street patches on streets not otherwise designated for repair (Second Street (South St to Richardson), Bridgeway (near Princess St), Nevada (Bridgeway to Tomales), Woodward (at Easterby), Locust Street (Bridgeway to Humboldt) and Currey (near Wray). Staff believes that these pavement problems would worsen to unacceptable levels before a subsequent street repair project could be completed. The Contractor was also directed by Staff to do additional work to reconstruct Locust Street where it connects to Girard. This work was needed to repair and reduce grade change problems (causing vehicles to scrape the pavement) and to prevent reappearance of large potholes that formed because of inadequate drainage. All of this extra work occurred to respond to urgent problems that Staff concluded could not be deferred while Council was in recess.

In addition, while careful monitoring of the placement of materials and grinding operations was performed, additional pavement grinding and asphalt concrete ("AC") quantities were required when compared with the design quantities.

FISCAL IMPACT

When Council awarded the contract, a contingency amount of \$35,995 was also approved (the Contract amount of \$667,667 plus the contingency amount of \$35,995 totals \$703,662 from the combined approved budgets for General Capital Fund Street Repair and Base Failure Repair Programs. The contingency amount requested by Staff at that time was 5.4% and was selected to stay within approved budget.

The work is substantially done though final pay amounts have not been fully determined. Current estimates suggest that the final project costs will be approximately \$788,000. This will be 18% over the bid amount but still significantly below the engineer's estimate of \$1,018,020. To enable payment for extra work done and for final quantity changes, Staff requests that the Council authorize expenditure of an additional \$84,338 for the 2010 Project consisting of \$44,190 from the FY 2010/11 Street Repair Program and \$40,148 from the FY 2010/11 Roadway Base Repair-Patching Program. The resulting total authorization for the 2010 Project would be \$788,000.

STAFF RECOMMENDATIONS


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

- 1) Expenditure of \$44,190 from the 2010/11 Street Repair Program for the 2010 Project
- 2) Expenditure of \$40,148 from the 2010/11 Base Repair Program for the 2010 Project
- 3) Approving 2010 Project budget augmentation of \$84,338.

ATTACHMENTS


Resolution
Progress Payment No. 2 Pay Estimate

PREPARED BY:




Todd Teachout
City Engineer

REVIEWED BY (Department Head):



Jonathon Goldman
Director of Public Works

REVIEWED BY:



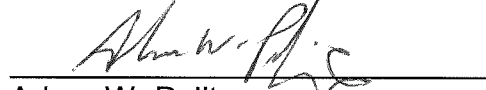
Mary Wagner
City Attorney

REVIEWED BY:



Charles Francis
Administrative Services Director/Treasurer

SUBMITTED BY:



Adam W. Politzer
City Manager

RESOLUTION No. _____

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAUSALITO
AUTHORIZING PROJECT BUDGET AUGMENTATION FOR ADDITIONAL WORK
PERFORM RELATED TO THE 2010 SAUSALITO STREET REPAIR PROGRAM.**

WHEREAS, the City Council adopted a Budget which allocated resources for the maintenance of streets, and

WHEREAS, Plans and Specifications were prepared for a project entitled Sausalito Street Repair Program to affect maintenance of said streets, and

WHEREAS, a Notice Inviting Bids was prepared pursuant to Sausalito Purchasing Policy and California Public Contract Code; and

WHEREAS, Maggiora and Ghilotti, Inc. submitted a low bid of seven bids in an amount of \$667,667, and

WHEREAS, the City awarded a contract to Maggiora & Ghilotti on June 8th, 2010, and

WHEREAS, project quantities placed exceeded estimates in some work categories and there was a need to perform additional work which resulted in costs exceeding authorized contingency funding of \$35,995.

WHEREAS, in accordance with the Council Policy CD-2 regarding contract change orders, the City Council must review and approve change requests when costs exceed 10% of original contract, and

WHEREAS, additional costs are estimated to be \$84,338 over the budget previously authorized during project contract award to address additional asphalt concrete placed on overlay streets, for striping of slurry sealed streets, for base repairs on sites not identified on the plans, and for partial reconstruction of the Locust/Girard Intersection, and

WHEREAS, the City Council has reviewed the project changes made and finds the changes necessary and reasonable.

NOW, THEREFORE, the City Council of the City of Sausalito does hereby resolve as follows:

- 1) Approves a project budget augmentation of \$84,338
- 2) Authorizes the appropriation of \$44,190 from the 2010/11 General Capital Fund Street Repair Program for additional work performed with the 2010 Sausalito Street Repair Program Project

3) Authorizes the appropriation of \$40,148 from the 2010/11 General Capital Fund Base Failure Repair Program for additional work perform with the 2010 Sausalito Street Repair Program Project.

PASSED AND ADOPTED at a regular meeting of the City Council of the City of Sausalito on the th day of October, 2010, by the following vote:

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

Mayor, City of Sausalito

ATTEST:

City Clerk



City of Sausalito
Street Repair Program

Bid Opening
May 18, 2010

Progress Payment No. 2
Maggiore & Ghilotti

No.	Item	Quantity	Units	Unit Price	Total Price	Amount Done Total		Amount Done Previously		Amount Done this Period	
						QTY	Extended Cost	QTY	Extended Cost	QTY	Extended Cost
BASE BID											
1. Construction Control											
a.	Mobilization and Demobilization	1	LS	9545	\$9,545.00	1	\$9,545.00	1	\$9,545.00	0	\$0.00
b.	Traffic Control	1	LS	10000	\$10,000.00	1	\$10,000.00	0.7	\$7,000.00	0.3	\$3,000.00
SUB-TOTAL - Construction Control							\$19,545.00		\$0.00		\$3,000.00
2. STREETWORK IMPROVEMENT PROJECT - Furnish and Install the Following Items:											
a.	Dig Out and Patch (0.5')	19,400	SF	7	\$135,800.00	0	\$0.00	0	\$0.00	0	\$0.00
b.	Crack Seal	30,000	LF	0.32	\$9,600.00	19000	\$6,080.00	16972	\$5,431.04	2028	\$648.96
c.	Slurry Seal	42,200	SY	2	\$84,400.00	46420	\$92,840.00	0	\$0.00	46420	\$92,840.00
d.	AC Grinding	94,600	SF	0.43	\$40,678.00	102446	\$44,051.78	102446	\$44,051.78	0	\$0.00
e.	AC Overlay (1.5')	850	TONS	165	\$140,250.00	1289.07	\$212,696.55	1289	\$212,685.00	0.07	\$11.55
f.	AC Overlay (2.0')	260	TONS	110	\$28,600.00	870.61	\$95,767.10	870.8	\$95,788.00	-0.19	-\$20.90
g.	AC Overlay (2.5')	1,420	TONS	111	\$157,620.00	774.25	\$85,941.75	774.25	\$85,941.75	0	\$0.00
h.	Adjust Frame & Cover to	92	EA	120	\$11,040.00	20	\$2,400.00	0	\$0.00	20	\$2,400.00
i.	Adjust Manhole Rim to	42	EA	380	\$15,960.00	19	\$7,220.00	0	\$0.00	19	\$7,220.00
j.	Thermoplastic Pavement	1	LS	6700	\$6,700.00	0	\$0.00	0	\$0.00	0	\$0.00
k.	Adjust D/W Entrance	5	EA	850	\$4,250.00	0	\$0.00	0	\$0.00	0	\$0.00
l.	Replace Signal Loop Set	1	EA	2250	\$2,250.00	1	\$2,250.00	0	\$0.00	1	\$2,250.00
m.	Demolition	1	LS	1200	\$1,200.00	1	\$1,200.00	0	\$0.00	1	\$1,200.00
n.	Stress Absorbing Membrane	1800	LF	5.43	\$9,774.00	840	\$4,561.20	840	\$4,561.20	0	\$0.00
SUB-TOTAL - Streetwork Improvement Project						0	\$555,008.38	0	\$448,458.77		\$106,549.61
TOTAL (ITEMS)							\$574,553.38		\$448,458.77		\$109,549.61

C.O. Summary	No. 1	Dig Outs	AC	AC/PCC	2nd & B'way	PCC	Locust-Girard	Work Adjustments	Striping Changes	Slurry Seal Coverage	Unit Price	QTY	Extended Cost	QTY	Extended Cost	QTY	Extended Cost	QTY	Extended Cost
	16628		\$7.00								\$7.00	16628	\$116,396.00	16628	\$116,396.00	0	\$0.00	0	\$0.00
	2982		\$5.60								\$5.60	2982	\$16,699.20	2982	\$16,699.20	0	\$0.00	0	\$0.00
	2805		\$9.00								\$9.00	2805	\$25,245.00	2805	\$25,245.00	0	\$0.00	0	\$0.00
	804		\$8.00								\$8.00	804	\$6,432.00	804	\$6,432.00	0	\$0.00	0	\$0.00
	1		\$34,850.00								\$34,850.00	1	\$34,850.00	1	\$34,850.00	0	\$0.00	0	\$0.00
	0.7		\$11,410.00								\$11,410.00	0.7	\$7,987.00	0.7	\$7,987.00	0	\$0.00	0	\$0.00
	1159		\$2.00								\$2.00	1159	\$2,318.00	1159	\$2,318.00	0	\$0.00	0	\$0.00
TOTAL C.O.													\$209,927.20		\$164,772.20		\$45,155.00		
GRAND TOTAL													\$784,480.58		\$613,230.97		\$154,704.61		

Less Retention (10%) \$78,448.06
 Less Previous Payment \$567,082.77
 Less Property Owner Contribution \$795.60
 Less Holdback pending Add. Council Auth. \$1,574.92
Amount to Pay \$136,579.23

GE



CONTRACT CHANGE ORDER

CONTRACT CHANGE ORDER NO. 1 SUPPL

PROJECT: Sausalito Street Repair Program

TO: Maggiore & Ghilotti, Inc., CONTRACTOR

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: City/Contractor	
Revision of Bid Item No. 2a - Dig Out and Patch	
AC Dig Out and Patch -	\$7/SF QTY 16,828 SF
AC/PCC Dig Out and Patch -	\$5.50/SF QTY 2,982SF
Second and Bridgeway Dig Out & Patch	\$9.00/SF QTY 2,805SF
PCC Dig Out and Patch -	\$8/SF QTY 804SF
Add Dig Out areas	Locust (from Bridgeway to Shore) - 2435 SF est. Currey (near George Ln and Wray) - 734 SF est Nevada (Tomales to Bridgeway) - 5421 SF est Main (Second to Forth) - 639 SF est Bridgeway (El Portal to near Princess) - 420 SF est Second Street (South St. to Richardson) - 2385 SF est
Estimated Cost Decrease	\$ 0 or Increase \$ 28,972.20
By reason of this order, the time of completion will be adjusted as follows: <u>no change</u>	
Submitted: <u>Todd Teachout</u> City Engineer	Date: <u>8/19/2010</u>
Approved by: <u>[Signature]</u> Name: <u>Todd Teachout</u> Title: <u>City Engineer</u>	Date: <u>8/19/2010</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>Aug 19 2010</u>
Title: <u>PPR</u>	Contractor: <u>MGI</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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CONTRACT CHANGE ORDER

CONTRACT CHANGE ORDER NO. 2(Draft) SUPPL

PROJECT: Sausalito Street Repair Program

TO: Maggiora & Ghilotti, Inc., CONTRACTOR

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: City/Contractor

Add Locust and Girard Intersection reconstruction (Install Valley Gutter and conform concrete paving)
Per City sketch and 7/28/2010 M&G Quote, Job File # 7544

Estimated Cost Decrease \$ 0 or Increase \$ 34,850.00

By reason of this order, the time of completion will be adjusted as follows: no change

Submitted: _____ Date: _____
Name Title

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: _____ Date: _____

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.

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CONTRACT CHANGE ORDER

CONTRACT CHANGE ORDER NO. 3(Draft) SUPPL

PROJECT: Sausalito Street Repair Program

TO: Maggiora & Ghilotti, Inc., CONTRACTOR

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: City/Contractor

Various Changes to the Project:

- Delete Filbert – Crack Sealing Treatment.
- Delete Third Street – AC Overlay Treatment.
- Delete El Portal – Slurry Seal Treatment.
- Revise Spring, Filbert, Girard Streets from 2.5" AC overlay to 2.0" AC Overlay.
- Delete marked out Dig-out locations on West Street, Prospect, Locust (just west of Girard), and Kendall Court.

Compensation changes reflected in the item quantity changes of the various work items.

Estimated Cost Decrease \$ 0 or Increase \$ 0

By reason of this order, the time of completion will be adjusted as follows: no change

Submitted: _____ Date: _____

Name Title
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: _____ Date: _____

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.

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CONTRACT CHANGE ORDER

CONTRACT CHANGE ORDER NO. 4(Draft) SUPPL

PROJECT: Sausalito Street Repair Program

TO: Maggiora & Ghilotti, Inc., CONTRACTOR

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: City/Contractor

Substitute paint for thermoplastic, Item 10 "Thermoplastic Pavement" – LS for \$3,270

Add painted delineation/markers for Slurry Seal Streets (see attached schedule) – LS for \$4,990

Add restore painted delineation for streets with digouts that removed delineation – LS for \$2,100 (see attached schedule):

Add blue markers adjacent to fire hydrants on overlaid streets/slurry seal streets – LS for \$1,050

Estimated Cost Decrease \$ 0 or Increase \$ 11,410.00

By reason of this order, the time of completion will be adjusted as follows: no change

Submitted: _____ Date: _____
Name Title

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: _____ Date: _____

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.

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CONTRACT CHANGE ORDER

CONTRACT CHANGE ORDER NO. 5(Draft) SUPPL

PROJECT: Sausalito Street Repair Program

TO: Maggiore & Ghilotti, Inc., CONTRACTOR

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: City/Contractor

Item 2c - Slurry Seal - Exceedence in excess of 10% allowed by specification.
Bid amount 42,200 SY.
Authorized pay maximum, 110% = 46,420 SY
Actual placed - 47,579 SY

Additional pay amount requested 1159Sy
Unit Cost @ \$2.00/SY

Estimated Cost Decrease \$ 0 or Increase \$ 2,318

By reason of this order, the time of completion will be adjusted as follows: no change

Submitted: _____ Date: _____
Name Title

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: _____ Date: _____

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.

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LOC #	STREET	LIMITS	BID SQ. YARDS	ACTUAL SQ. YARDS
1	Bee St	Bridgeway to Calendonia	340	384
2	Butte St	Sacramento to Tomales	1,845	2,204
3	Glen Dr	Bend at 129 to Johnson	2,738	2,787
4	Gordon St	Spring to old end	332	413
5	Harbor Dr	Gate 4 to Clipper YH Entrance	440	744
6	Kendall Ct	Nevada to end	813	1,014
7	Lower Crescent	Crescent to Main	1,316	1,252
8	Marion Ave	South to End	1,983	2,081
9	Princess St	Bridgeway to Bulkley	1,067	2,134
10	Sausalito Blvd	2nd to 3rd	777	538
11	Second St	Richardson to end	360	473
12	Spring St	Woodward to end	2,021	3,051
13	Buchanan Dr	Nevada to end	4,000	4,297
14	Currey Ln	Currey Ave to end	1,867	2,180
15	El Partal	Bridgeway to Tracy	1,108	Deleted
16	Glen Ct	Rose to Glen	576	674
17	Harrison Ave	Glen to Bulkley	4,784	4,661
18	Locust St	Girard to Cazneau steps	622	740
19	Locust St	Bridgeway to Caledonia	491	448
20	main St	2nd to Bridgeway end	267	335
21	Marin Ave	panhandles	467	527
22	Marion Ave	Edwards to South	1,983	0
23	Pearl St	Easterby to CDS end	341	1,390
24	Prospect Ave	Cloudview to Spencer	540	604
25	Rodeo	Sausalito Towers to Woodward	2,296	1,902
26	Turney St	Bonita to Girard	862	482
27	Valley St	2nd to End near bay	307	390
28	Vista Clara Dr	Monte Mar to Currey	930	1,095
29	West Ct	Richardson to end	633	283
30	Wray Ave	Currey Ave to end	767	1,035
31	South St	2nd to 3rd	556	484
32	West St	Bridge to Valley	453	395
33	Woodward Ave	Easterby to Cazneau	4,278	3,635
			42,158	42,633
Sacramento			0	1,349
Napa			0	1,901
Coloma			0	1,696

SAUSALITO 2010 - UTILITIES THAT HAVE BEEN OR NEED TO BE RAISED.

Sheet 2

STREET	SD MH	SS MH	SS CO	GAS VALVE	MON- UMENT	PG&E VAULT	COMCAST VAULT	AT&T VAULT	WATER METER BOX	OTHER	COMMENT
Williams Ct.			1								
Olivia	3			1							
Ebbtide				1							
Road 3											
Nevada	1				5						PG&E Vault at 709 Nevada Street
Spring	1										
Filbert	3	1	1		1						
Girard		1	1								
Locust											
Crescenta Ln.						1	1				30" x 17" vault still in question as to who's vault it is. I placed it under PG&E. A traffic rated new metal lid is needed 30" x 17".
Glen Drive		6		1	2	2			1		PG&E vaults at 230 and 240 Glen Drive
Rose											
Booker			1								
Sweet Briar						1					PG&E Vault at end of Sweet Briar Ln.
San Carlos	3			1	1						
Tracy Way											
TOTAL	11	8	4	4	9	5	1	0	1	0	1 Comcast vault and 1 of 5 PG&E vaults raised.
Unit Cost	\$380	\$380	\$120	\$120	\$120	\$120	\$120	0	\$120	0	
Cost to City	4,180	3,040	480	480	1,080	120	120	0	120	0	
TOTAL COST	\$9,620										

Note: MMWD raised their own water valves.
THE ABOVE UTILITY FACILITIES NEEDED TO BE RAISED; SOME OTHERS ALONG THE GUTTER DO NOT

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