

## MEMO

**Agency:** Mid-Peninsula Water District **Date** January 19, 2018  
**Attn:** Board of Directors  
**Project Name:** Karen, Mezes, Arthur, South & Folger Water Main Improvements **Project No.** 10012.16  
**Reference:** Project Update  
**From:** Joubin Pakpour, P.E. – District Engineer *JP*

### Construction Status

During November, all the tie-ins along the South Road were completed. The 8-inch PVC water main is now fully in service and all the service connections are transferred from the 4-inch to the 8-inch water main. During December Stoloski & Gonzalez (S&G) moved to Folger Road and was able to install approximately 800 LF of 10-inch water main along Folger Drive and 100 LF of 8-inch water main along Folger Court. During the last week of November and again the last two weeks of December, S&G added additional crews, while one crew was wrapping up the remaining work on South Road the main crew was on Folger Drive.

### Project Schedule

Remaining work on South Road includes installation of a fire hydrant, air release valve, meters' retaining walls and finishing the road restoration including, slurry seal, roadway striping, sidewalks and resident landscaping around the new water meter boxes. Remaining work on Folger Road including, tie-ins, transferring service connection, installation of a fire hydrant, air release valve, finishing the road restoration including, slurry seal, roadway striping, sidewalks and resident landscaping around the new water meter boxes.

Because of a few rainy days, unforeseen utility crossing, and slower construction progress, S&G is slightly behind schedule. S&G is trying to get back on schedule by adding additional crews.

### Change Orders

We anticipate one change order for December which will include a few items primarily due to unforeseen site conditions such as unknown/unmarked underground utilities and encountering rock in the trench. We are currently in negotiations with the contractor and will bring the final approved amount to the board next month.

**Request for Progress Payment No. 3**

As of December 31, 2017, S&G completed 32% of the contractual work **(\$648,891.00)**. Enclosed please find Progress Payment No.3 due S&G for this period for **\$260,757.00** (value of work, less 5% retention). The work performed to date has been satisfactory, and payment is recommended.

	Current Month	Total	
Original Contract Amount		\$ 2,055,271.00	
Approved Change Orders	\$ 0.00	\$ 0.00	0%
<b>Final Contract Amount</b>		<b>\$ 2,055,271.00</b>	
Previously Paid		\$ 374,410.00	
<b>Current Request (<i>Less Retention</i>)</b>	<b>\$ 260,757.00</b>	<b>\$ 616,446.00</b>	
Retention	\$ 13,724.00	\$ 32,445.00	
Total Value of Work Completed	\$ 274,481.00	\$ 648,891.00	32%
Total Remaining on Contract		\$ 1,467,340.00	68%

**Karen, Mezes, Arthur, South Folger Water Main Improvements**  
**Progress Payment No. 03**  
**Breakdown Summary**

<b>Karen Road</b>	<b>Current</b>	<b>Total</b>	
Original Contract Amount		\$438,196	
Approved Change Orders	\$0.00	\$0.00	0%
<b>Final Contract Amount</b>		<b>\$0.00</b>	
Previously Paid		\$0.00	
<b>Current Request (Less Retention)</b>	<b>\$0.00</b>	<b>\$0.00</b>	
Retention	\$0.00	\$0.00	
Total Value of Work Completed	\$0.00	\$0.00	0%
Total Remaining on Contract		\$418,446.00	95%

<b>Arthur Ave</b>	<b>Current</b>	<b>Total</b>	
Original Contract Amount		\$553,771.00	
Approved Change Orders	\$0.00	\$0.00	0%
<b>Final Contract Amount</b>		<b>\$0.00</b>	
Previously Paid		\$0.00	
<b>Current Request (Less Retention)</b>	<b>\$0.00</b>	<b>\$0.00</b>	
Retention	\$0.00	\$0.00	
Total Value of Work Completed	\$0.00	\$0.00	0%
Total Remaining on Contract		\$538,521.00	97%

<b>Folger Drive</b>	<b>Current</b>	<b>Total</b>	
Original Contract Amount		\$461,097.00	
Approved Change Orders	\$0.00	\$0.00	0%
<b>Final Contract Amount</b>		<b>\$461,097.00</b>	
Previously Paid		\$60,960.00	
<b>Current Request (Less Retention)</b>	<b>\$260,757.00</b>	<b>\$318,669.00</b>	
Retention	\$13,724.00	\$16,772.00	
Total Value of Work Completed	\$274,481.00	\$335,441.00	75%
Total Remaining on Contract		\$110,406.00	24%

<b>Mezes Ave</b>	<b>Current</b>	<b>Total</b>	
Original Contract Amount		\$235,278.00	
Approved Change Orders	\$0.00	\$0.00	0%
<b>Final Contract Amount</b>		<b>\$0.00</b>	
Previously Paid		\$0.00	
<b>Current Request (Less Retention)</b>	<b>\$0.00</b>	<b>\$0.00</b>	
Retention	\$0.00	\$0.00	
Total Value of Work Completed	\$0.00	\$0.00	0%
Total Remaining on Contract		\$230,778.00	98%

<b>South Road</b>	<b>Current</b>	<b>Total</b>	
Original Contract Amount		\$366,929.00	
Approved Change Orders	\$0.00	\$0.00	0%
<b>Final Contract Amount</b>		<b>\$366,929.00</b>	
Previously Paid		\$313,450.00	
<b>Current Request (less Retention)</b>	<b>\$0.00</b>	<b>\$297,777.00</b>	
Retention	\$0.00	\$15,673.00	
Total Value of Work Completed	\$0.00	\$313,450.00	89%
Total Remaining on Contract		\$38,229.00	11%

<b>Total (All Projects)</b>	<b>Current</b>	<b>Total</b>	
Original Contract Amount		\$2,055,271.00	
Approved Change Orders	\$0.00	\$0.00	0%
<b>Final Contract Amount</b>		<b>\$2,055,271.00</b>	
Previously Paid		\$374,410.00	
<b>Current Request (Less Retention)</b>	<b>\$260,757.00</b>	<b>\$616,446.00</b>	
Retention	\$13,724.00	\$32,445.00	
Total Value of Work Completed	\$274,481.00	\$648,891.00	32%
Total Remaining on Contract		\$1,406,380.00	68%

Mid-Peninsula Water District					Karen, Mezes, Arthur, South Folger Water Main Improvements										Pay Period: December 1, 2017 thru December 31, 2017						
Progress Payment No. 03																					
Bid	Description	Original Contract Amount				Change Order			Revised Contract Amount			Earned This Period			Prior Billing			Total to Date			
Item	Original Contract	Unit	Unit Price	Qty.	Total Price	Qty.	Unit Price	Total Price	Qty.	Unit Price	Total Price	Qty.	Amount Earned	%	Qty.	Amount Earned	%	Qty.	Amount Earned	%	
1	8" Fusible C900 PVC	LF	\$ 203	972	\$ 197,316.00	0	\$ 203	\$ -	972	\$ 203.00	\$ 197,316.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
2	8-inch Class 350 DIP	LF	\$ 309	1,563	\$ 482,967.00	0	\$ 309	\$ -	1,563	\$ 309.00	\$ 482,967.00	129	\$ 39,861.00	8%	0	\$ -	0%	129	\$ 39,861.00	8%	
3	10-inch Class 350 DIP	LF	\$ 336	785	\$ 263,760.00	0	\$ 336	\$ -	785	\$ 336.00	\$ 263,760.00	595	\$ 199,920.00	76%	160	\$ 53,760.00	20%	755	\$ 253,680.00	96%	
4	Dairy Lane - Fire Service Tie-in at Sta. 10+00 (Detail A)	LS	\$ 6,500	1	\$ 6,500.00	0	\$ 6,500	\$ -	1	\$ 6,500.00	\$ 6,500.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
5	Karen Road/O'Neill Avenue - Tie-in to 8" PVC at Sta. 11+79 (Detail B)	LS	\$ 8,500	1	\$ 8,500.00	0	\$ 8,500	\$ -	1	\$ 8,500.00	\$ 8,500.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
6	Karen Road/O'Neill Avenue - Tie-in to 12" ACP at Sta. 12+12 (Detail C)	LS	\$ 6,500	1	\$ 6,500.00	0	\$ 6,500	\$ -	1	\$ 6,500.00	\$ 6,500.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
7	Karen Road - Fire Service Tie-in at Sta. 13+97	LS	\$ 7,000	1	\$ 7,000.00	0	\$ 7,000	\$ -	1	\$ 7,000.00	\$ 7,000.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
8	Karen Road/Harbor Blvd - Tie-in to 12" ACP at Sta. 19+72 (Detail D)	LS	\$ 19,000	1	\$ 19,000.00	0	\$ 19,000	\$ -	1	\$ 19,000.00	\$ 19,000.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
9	Mezes Avenue - Tie-in to 6" CIP, Sta. 10+00 to 10+15 (Detail E)	LS	\$ 12,000	1	\$ 12,000.00	0	\$ 12,000	\$ -	1	\$ 12,000.00	\$ 12,000.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
10	Mezes Avenue - Tie-in to 6" CIP, Sta. 13+45 to 13+55 (Detail F)	LS	\$ 10,500	1	\$ 10,500.00	0	\$ 10,500	\$ -	1	\$ 10,500.00	\$ 10,500.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
11	Mezes Avenue/Lyon Avenue - Tie-in to 4" PVC, Sta. 20+59 to 20+88 (Detail G)	LS	\$ 23,000	1	\$ 23,000.00	0	\$ 23,000	\$ -	1	\$ 23,000.00	\$ 23,000.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
12	Arthur Avenue - Tie-in to 8" CIP, Sta. 10+00 to 10+10 (Detail H)	LS	\$ 10,900	1	\$ 10,900.00	0	\$ 10,900	\$ -	1	\$ 10,900.00	\$ 10,900.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
13	Arthur Avenue/Coronet Blvd - Tie-in to 8" CIP at Sta. 10+54 (Detail I)	LS	\$ 15,600	1	\$ 15,600.00	0	\$ 15,600	\$ -	1	\$ 15,600.00	\$ 15,600.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
14	Arthur Avenue/Covington Road - 6" DIP Modification (Detail J)	LS	\$ 12,700	1	\$ 12,700.00	0	\$ 12,700	\$ -	1	\$ 12,700.00	\$ 12,700.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
15	Arthur Avenue/Alameda de las Pulgas - Tie-in to 8" CIP at Sta. 20+93 (Detail K)	LS	\$ 16,000	1	\$ 16,000.00	0	\$ 16,000	\$ -	1	\$ 16,000.00	\$ 16,000.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
16	Middle Road/Notre Dame Avenue - 6"/8" CIP Tie-ins (Detail L)	LS	\$ 29,000	1	\$ 29,000.00	0	\$ 29,000	\$ -	1	\$ 29,000.00	\$ 29,000.00	0	\$ -	0%	1	\$ 29,000.00	100%	1	\$ 29,000.00	100%	
17	South Road/Middle Road - 6" CIP Tie-in (Detail M)	LS	\$ 32,000	1	\$ 32,000.00	0	\$ 32,000	\$ -	1	\$ 32,000.00	\$ 32,000.00	0	\$ -	0%	1	\$ 32,000.00	100%	1	\$ 32,000.00	100%	
18	South Road/Debbie Lane - 6" CIP Tie-in (Detail N)	LS	\$ 35,400	1	\$ 35,400.00	0	\$ 35,400	\$ -	1	\$ 35,400.00	\$ 35,400.00	0	\$ -	0%	1	\$ 35,400.00	100%	1	\$ 35,400.00	100%	
19	South Road/Hainline Drive - 4" CIP Tie-in (Detail O)	LS	\$ 21,000	1	\$ 21,000.00	0	\$ 21,000	\$ -	1	\$ 21,000.00	\$ 21,000.00	0	\$ -	0%	1	\$ 21,000.00	100%	1	\$ 21,000.00	100%	
20	South Road/Korbel Way - 4" CIP Tie-in (Detail P)	LS	\$ 18,000	1	\$ 18,000.00	0	\$ 18,000	\$ -	1	\$ 18,000.00	\$ 18,000.00	0	\$ -	0%	1	\$ 18,000.00	100%	1	\$ 18,000.00	100%	
21	South Road Vannier Drive - 4" CIP Tie-in (Detail Q)	LS	\$ 18,500	1	\$ 18,500.00	0	\$ 18,500	\$ -	1	\$ 18,500.00	\$ 18,500.00	0	\$ -	0%	1	\$ 18,500.00	100%	1	\$ 18,500.00	100%	
22	South Road/College View Way - 8" ACP Tie-in (Detail R)	LS	\$ 22,000	1	\$ 22,000.00	0	\$ 22,000	\$ -	1	\$ 22,000.00	\$ 22,000.00	0	\$ -	0%	1	\$ 22,000.00	100%	1	\$ 22,000.00	100%	
23	Folger Drive - Tie-in to 10" DIP, Sta: 10+00 to 10+10 (Detail S)	LS	\$ 6,000	1	\$ 6,000.00	0	\$ 6,000	\$ -	1	\$ 6,000.00	\$ 6,000.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
24	Folger Drive/Notre Dame Avenue - Tie-in to 6" CIP, Sta. 17+95 to 18+00 (Detail T)	LS	\$ 7,000	1	\$ 7,000.00	0	\$ 7,000	\$ -	1	\$ 7,000.00	\$ 7,000.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
25	10" Gate Valve	EA	\$ 3,600	5	\$ 18,000.00	0	\$ 3,600	\$ -	5	\$ 3,600.00	\$ 18,000.00	2	\$ 7,200.00	40%	2	\$ 7,200.00	40%	4	\$ 14,400.00	80%	
26	8" Gate Valve	EA	\$ 2,500	42	\$ 105,000.00	0	\$ 2,500	\$ -	42	\$ 2,500.00	\$ 105,000.00	1	\$ 2,500.00	2%	20	\$ 50,000.00	48%	21	\$ 52,500.00	50%	
27	8" Fire Service Connection (Assembly)	EA	\$ 17,500	1	\$ 17,500.00	0	\$ 17,500	\$ -	1	\$ 17,500.00	\$ 17,500.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
28	6" Fire Hydrant Assembly	EA	\$ 12,500	12	\$ 150,000.00	0	\$ 12,500	\$ -	12	\$ 12,500.00	\$ 150,000.00	2	\$ 25,000.00	17%	2	\$ 25,000.00	17%	4	\$ 50,000.00	33%	
29	Fire Hydrant Bollard	EA	\$ 400	20	\$ 8,000.00	0	\$ 400	\$ -	20	\$ 400.00	\$ 8,000.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	

Mid-Peninsula Water District					Karen, Mezes, Arthur, South Folger Water Main Improvements Progress Payment No. 03										Pay Period: December 1, 2017 thru December 31, 2017						
Bid	Description	Original Contract Amount				Change Order			Revised Contract Amount			Earned This Period			Prior Billing			Total to Date			
Item	Original Contract	Unit	Unit Price	Qty.	Total Price	Qty.	Unit Price	Total Price	Qty.	Unit Price	Total Price	Qty.	Amount Earned	%	Qty.	Amount Earned	%	Qty.	Amount Earned	%	
30	Fire Hydrant Retaining Wall	EA	\$ 3,900	1	\$ 3,900.00	0	\$ 3,900	\$ -	1	\$ 3,900.00	\$ 3,900.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
31	2" Blow-Off Assembly	EA	\$ 4,200	1	\$ 4,200.00	0	\$ 4,200	\$ -	1	\$ 4,200.00	\$ 4,200.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
32	1" Combination Air Valve	EA	\$ 3,100	1	\$ 3,100.00	0	\$ 3,100	\$ -	1	\$ 3,100.00	\$ 3,100.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
33	8" PRV Station	LS	\$ 31,000	1	\$ 31,000.00	0	\$ 31,000	\$ -	1	\$ 31,000.00	\$ 31,000.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
34	Anode Test Station	EA	\$ 1,400	11	\$ 15,400.00	0	\$ 1,400	\$ -	11	\$ 1,400.00	\$ 15,400.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
35	2" Service Connection to Existing Meter	EA	\$ 3,700	1	\$ 3,700.00	0	\$ 3,700	\$ -	1	\$ 3,700.00	\$ 3,700.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
36	1.5" Service Connection	EA	\$ 3,500	1	\$ 3,500.00	0	\$ 3,500	\$ -	1	\$ 3,500.00	\$ 3,500.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
37	1" Service Connection with 2" Service line	EA	\$ 3,200	1	\$ 3,200.00	0	\$ 3,200	\$ -	1	\$ 3,200.00	\$ 3,200.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
38	1" or 5/8" Service Connection	EA	\$ 3,100	68	\$ 210,800.00	0	\$ 3,100	\$ -	68	\$ 3,100.00	\$ 210,800.00	0	\$ -	0%	18	\$ 55,800.00	26%	18	\$ 55,800.00	26%	
39	Residential PRV	EA	\$ 400	3	\$ 1,200.00	0	\$ 400	\$ -	3	\$ 400.00	\$ 1,200.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
40	Service Meter Retaining Wall	EA	\$ 1,100	5	\$ 5,500.00	0	\$ 1,100	\$ -	5	\$ 1,100.00	\$ 5,500.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
41	Abandon Existing Fire Hydrant Assembly	EA	\$ 800	7	\$ 5,600.00	0	\$ 800	\$ -	7	\$ 800.00	\$ 5,600.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
42	Abandon Existing Gate Valve/Blow-Off	EA	\$ 450	25	\$ 11,250.00	0	\$ 450	\$ -	25	\$ 450.00	\$ 11,250.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
43	Traffic Striping and Markings	LS	\$ 25,000	1	\$ 25,000.00	0	\$ 25,000	\$ -	1	\$ 25,000.00	\$ 25,000.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
44	Type II Slurry Seal	SF	\$ 0.39	120,200	\$ 46,878.00	0	\$ 0.39	\$ -	120,200	\$ 0.39	\$ 46,878.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
45	4" deeplift Pavement Repair at Karen Road	SF	\$ 12	2,900	\$ 34,800.00	0	\$ 12	\$ -	2,900	\$ 12.00	\$ 34,800.00	0	\$ -	0%	0	\$ -	0%	0	\$ -	0%	
46	Traffic Control	LS	\$ 45,000	1	\$ 45,000.00	0	\$ 45,000	\$ -	1	\$ 45,000.00	\$ 45,000.00	0	\$ -	0%	0.15	\$ 6,750.00	15%	0.15	\$ 6,750.00	15%	
47	Street Sweeping	EA	\$ 600	36	\$ 21,600.00	0	\$ 600		36	\$ 600.00	\$ 21,600.00	0	\$ -	0%	0	\$ -					
	Contract Amount				\$2,055,271.00			\$0.00			\$2,055,271.00										
	Amount Earned												\$274,481.00	13%		\$374,410.00	18%		\$648,891.00	32%	
	Retention (5%)												(\$13,724.00)			(\$18,721.00)			(\$32,445.00)		
	Amount Due												\$260,757.00						\$616,446.00		
	Amount Remaining on Contract																		\$1,406,380.00	68%	
Prepared By JP															Amount Remaining on Contract			\$1,406,380.00	68%		
															Total Retention Being Held			(\$32,445.00)			



**Karen, Mezes, Arthur, South & Folger Water Main Improvements  
Mid-Peninsula Water District, Belmont, CA  
December 1, 2017 thru December 31, 2017**



December, 2017 - Pipe Installation (Folger Drive & Folger Court)





**Karen, Mezes, Arthur, South & Folger Water Main Improvements  
Mid-Peninsula Water District, Belmont, CA  
December 1, 2017 thru December 31, 2017**



Abandoned Pipes in the Trench (Folger Drive)



**Karen, Mezes, Arthur, South & Folger Water Main Improvements  
Mid-Peninsula Water District, Belmont, CA  
December 1, 2017 thru December 31, 2017**





**Karen, Mezes, Arthur, South & Folger Water Main Improvements  
Mid-Peninsula Water District, Belmont, CA  
December 1, 2017 thru December 31, 2017**



Dec 12 Thru Dec 14, and Dec 19 thru Dec 21, 2017— Rock in the Trench  
(Folger Drive and Folger Court)