

MEMORANDUM

March 1, 2010

TO: Board of Mayor and Aldermen

FROM: Paul P. Holzen, P.E., Staff Engineer II
Eric J. Gardner, P.E., Director of Engineering
David Parker, P.E., CIP Project Executive
Eric S. Stuckey, City Administrator

SUBJECT: Five Mile Creek Interceptor Sewer Project Final Change Order

Purpose

The purpose of this memo is to recommend approval of the Final Change Order for the Five Mile Creek Interceptor Sewer Project and to close out this contract. As part of this final change order Garney Companies, Inc. will receive an early completion incentive bonus.

Background

BOMA approved the construction contract with Garney Companies, Inc. for the Five Mile Creek Interceptor Sewer Project on April 8, 2008. At this time, the contractor has fulfilled all obligations as part of the construction contract and has submitted final pay request. The contractor was able to complete the project on time and under budget.

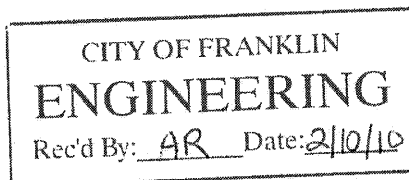
Financial Impact

A DEDUCT of (\$119,549.60) from the construction contract with Garney Companies, Inc.

Original Contract:	\$4,822,252.00
Plus - Change Order 1:	+ \$33,792.15
Adjusted Contract Amount:	\$4,856,044.15
Less - Amount Earned:	- \$4,736,494.55
Final Change Order:	(\$119,549.60)

Recommendation

Approval of the Final Change Order to close this project with Garney Companies, Inc. with a DEDUCT of (\$119,549.60) is recommended.



2995 Sidco Drive
Nashville, TN 37204
(615) 383-1113
Fax (615) 386-8469
www.ssr-inc.com

February 9, 2010

Mr. Paul Holzen
City of Franklin Engineering Department
109 3rd Avenue South
P. O. Box 305
Franklin, TN 37064

Dallas

Denver

Fort Lauderdale

RE: **FIVE MILE CREEK INTERCEPTOR SEWER
CONTRACT 1, 2 & 3
Final Change Order
SSR No. 05-41-029.0**

Hernando

Houston

Dear Mr. Holzen:

Kansas City

Please find enclosed the complete Final Change Order package for the Five Mile Creek Interceptor project, including: Change Order No. 3 (Final Change Order), five (5) copies of the approved final pay request in the amount of \$185,000, a copy of a letter from Garney Companies, Inc. acknowledging outstanding warranty issues, and a copy of the Consent of Surety of Final Payment from Garney Companies, Inc. The Final Change Order will complete all Contracts of the Five Mile Creek Interceptor, release the remaining amount of retainage to Garney Companies, Inc., and compensate Garney Companies, Inc. for the early completion *Incentive Bonus*. Please feel free to contact me with any question or concerns. Thanks again for your attention to this project.

Knoxville

Memphis

Nashville

Orlando

Respectfully,
SMITH SECKMAN REID, INC.

Phoenix

Frank (Tripp) P. Smith, III

Sarasota

Tampa

Enclosure

cc: JHB – SSR
David Parker, Paul Holzen – City of Franklin
Mark Hilty – FWMD
File (1)



ADVANCING WATER

6401 Centennial Boulevard Nashville, Tennessee 37209 (615) 350-7975 / fax (615) 350-6067

January 13, 2010

Mr. Tripp Smith
Smith Seckman Reid, Inc.
2995 Sidco Drive
Nashville, TN 37204

Re: Re: City of Franklin Water Management Department
 Five Mile Creek Interceptor Sewer
 SSR No. 05-41-029.0
 Final Payment

Dear Mr. Smith,

This letter is being sent to acknowledge two warranty items remaining on the Five Mile Creek job. We have not been able to complete these two items due to them being seeding and grading items, which are weather and seasonal dependent. Listed below are the two warranty items left to complete:

1. Overseeding the temporary and permanent easement in the areas where the initial seeding did not take from Sta. 0+00 (Beginning of the job at Ascot) to Sta. 68+38 (Old Peytonsville Road).
2. Regrade two small low areas where water is holding in the back of Mullins property (approximate Sta. 52+25) inside the temporary and permanent easement and seed and straw the two graded areas.

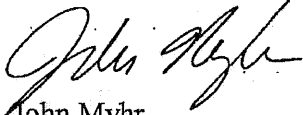
As soon as it is practical to start the grade work and to plant grass seed these items will be taken care of (Early Spring).

I would like to also emphasize that this job has been complete for some time. We have been waiting for several months to send in the final payment application due to some property owners wanting some additional landscaping. We would expect and appreciate the processing of this payment application be made as soon as possible.

Please call me with any questions or concerns on my cell phone @ 615-642-7173 or email me at jmyhr@garney.com.

Sincerely,

GARNEY COMPANIES, INC.

A handwritten signature in black ink, appearing to read "John Myhr". The signature is fluid and cursive, with the first name "John" and last name "Myhr" clearly distinguishable.

John Myhr
Project Manager

Cc: Steve Ford

PERIODIC ESTIMATE FOR PARTIAL PAYMENT

NAME AND ADDRESS OF OWNER CITY OF FRANKLIN, TENNESSEE WATER MANAGEMENT DEPARTMENT P.O. BOX 305 FRANKLIN, TN 37065		PROJECT NO. GARNEY Job No. 2910 FRANKLIN PROJECT NO. CONTRACT NO. SSR PROJECT NO. 05-41-029.0																																																																																	
NAME AND LOCATION OF PROJECT Five Mile Creek 30" Interceptor Sewer & 8" Reclaimed Water Line, Contract 1 Through Contract 3																																																																																			
NAME AND ADDRESS OF CONTRACTOR GARNEY COMPANIES, INC. 1333 N. W. VIVION ROAD KANSAS CITY, MO 64118 Vendor:																																																																																			
PERIODIC ESTIMATE NO. 15(FINAL) FOR PERIOD Septemeber 25, 2009 to January 8, 2010 PAGE: 1 OF 3																																																																																			
2. SCHEDULE OF CONTRACT CHANGE ORDERS List every change order issued to date of this request even if no work has been done under one or more such orders.		ADDITIONS TO ORIGINAL CONTRACT PRICE																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">CONTRACT CHANGE ORDER</th> <th rowspan="2">DESCRIPTION</th> <th rowspan="2">TOTAL COST OF ITEMS ADDED BY CHANGE ORDER</th> <th rowspan="2">COST OF CHANGE ORDER ITEMS COMPLETED TO DATE</th> <th rowspan="2">DEDUCTIONS FROM CONTRACT PRICE AS SHOWN ON CHANGE ORDERS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>1</td> <td>3/24/2009</td> <td>Additional Bore Lengths Due To Fiber Optic Line</td> <td>\$33,792.15</td> <td>\$33,792.15</td> <td></td> </tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="3" style="text-align: center;">TOTALS</td> <td>\$33,792.15</td> <td>\$33,792.15</td> <td></td> </tr> </tbody> </table>		CONTRACT CHANGE ORDER		DESCRIPTION	TOTAL COST OF ITEMS ADDED BY CHANGE ORDER	COST OF CHANGE ORDER ITEMS COMPLETED TO DATE	DEDUCTIONS FROM CONTRACT PRICE AS SHOWN ON CHANGE ORDERS	NO.	DATE	1	2	3	4	5	6	1	3/24/2009	Additional Bore Lengths Due To Fiber Optic Line	\$33,792.15	\$33,792.15		2						3						4						5						6						7						8						9						10						TOTALS			\$33,792.15	\$33,792.15			
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3. ANALYSIS OF ADJUSTED CONTRACT AMOUNT TO DATE																																																																																			
(a) Original contract amount		\$	4,822,252.00																																																																																
(b) Plus: Additions scheduled in column 4 above			33,792.15																																																																																
(c) Less: Deductions scheduled in column 6 above																																																																																			
(d) Adjusted contract amount to date		\$	4,856,044.15																																																																																
4. ANALYSIS OF WORK PERFORMED																																																																																			
(a) Cost of original contract work performed to date		\$	4,736,494.55																																																																																
(b) Extra work performed to date																																																																																			
(c) Add: Materials stored at close of this period (Attach detailed schedule)		\$	-																																																																																
(d) Total cost of work performed to date and Stored Material		\$	4,736,494.55																																																																																
(e) Less: Amount retained in accordance with contract terms (Show both percent and dollar amount 5%)		\$	-																																																																																
(f) Net amount earned on contract work to date		\$	4,736,494.55																																																																																
(g) Less: Amount of previous applications for payment		\$	4,551,494.55																																																																																
(h) BALANCE DUE THIS PAYMENT		\$	185,000.00																																																																																
5. CERTIFICATION OF CONTRACTOR According to the best of my knowledge and belief, I certify that all items and amounts shown on the face of this Periodic Estimate for Partial Payment are correct; that all work has been performed and/or material supplied in full accordance with the requirements of the referenced Contract, and/or duly authorized deviations, substitutions, alteration, and/or additions; that the foregoing is a true and correct statement of the contract account up to and including the last day of the period covered by this Periodic Estimate; that no part of the "Balance Due This Payment" has been received, and that the undersigned and his subcontractors have (Check applicable line) a. ☒ X Complied with all the labor provision of said contract. b. ☐ Complied with all the labor provisions of said contract except in those instances where an honest dispute exists with respect to said labor provisions. (If (b) is checked, describe briefly nature of dispute.) 																																																																																			
GARNEY HOLDING CO. AND SUBS. (Contractor) January 8, 2010		Stephen P. Ford (Signature of Authorized Representative) TITLE: Construction Manager																																																																																	
6. CERTIFICATION OF ARCHITECT OR ENGINEER I certify that I have checked and verified the above and foregoing Periodic Estimate for Partial Payment; that to the best of my knowledge and belief it is a true and correct statement of work performed and/or material supplied by the contractor; that all work and/or material included in this Periodic Estimate has been inspected by me and/or by my duly authorized representative or assistants and that it has been performed and/or supplied in full accordance with requirements of the reference contract; and that partial payment claimed and requested by the contractor is correctly computed on the basis of work performed and/or material supplied to date. Signed (Architect or Engineer) 1/25/10 (Date)																																																																																			
7. APPROVED BY OWNER Approved _____ Date: _____		8. APPROVED BY RESIDENT INSPECTOR Approved Date: 2/8/10																																																																																	

MONTHLY ESTIMATE OF WORK COMPLETED												
Garney Companies, Inc. 1333 N. W. Vivion Road Kansas City, MO 64118		Five Mile Creek Interceptor Sewer			PERIOD ENDED: ESTIMATE NO. : DATE: PAGE:			1/8/2010 15(FINAL) 1/8/2010 2 OF 3				
ITEM NO.	DESCRIPTION	UN	QNT	UNIT PRICE	TOTAL AMOUNT	QTY PREV.	QTY THIS EST.	QTY TOTAL	\$ VALUE THIS EST.	\$ VALUE COMPLETED	VALUE UNCOMPLETE	
Contract 1												
1	30" Diameter HOBAS Gravity Sewer-Line A	LF	6724	\$ 191.00	\$ 1,284,284.00	6724.00		6724.00	\$ -	\$ 1,284,284.00	\$ -	
2	8" Diameter DR18 PVC Pipe-Reclaimed Water 60" Road Crossing 8" PVC Reclaimed Water in 16" Casing Pipe (Old Peytonsville Road)	LF	6897	\$ 20.00	\$ 137,940.00	6897.00		6897.00	\$ -	\$ 137,940.00	\$ -	
3	60" Road Crossing 30" HOBAS in 42" Casing Pipe (Old Peytonsville Road)	LS	1	\$ 26,000.00	\$ 26,000.00	1.00		1.00	\$ -	\$ 26,000.00	\$ -	
4	80' Road Crossing 8" PVC Reclaimed Water in 16" Casing Pipe (Ascot Lane)	LF	1	\$ 92,000.00	\$ 92,000.00	1.00		1.00	\$ -	\$ 92,000.00	\$ -	
5	80' Road Crossing 30" HOBAS in 42" Casing Pipe (Ascot Lane)	LS	1	\$ 35,000.00	\$ 35,000.00	1.00		1.00	\$ -	\$ 35,000.00	\$ -	
6	4' Diameter Manhole, 0'-10' Cut	LS	1	\$ 123,000.00	\$ 123,000.00	1.00		1.00	\$ -	\$ 123,000.00	\$ -	
7	5' Diameter Transition MH, 0'-10' Cut	EA	1	\$ 2,500.00	\$ 2,500.00	2.00		2.00	\$ -	\$ 5,000.00	\$ (2,500.00)	
8	Additional Manhole Sidewall	VF	26	\$ 6,000.00	\$ 156,000.00	26.00		26.00	\$ -	\$ 156,000.00	\$ -	
9	Extra for Watertight MH Frame & Cover	EA	119	\$ 126.00	\$ 14,994.00	119.00		119.00	\$ -	\$ 14,994.00	\$ -	
10	2" APCO 400 Air Release Valve	EA	27	\$ 300.00	\$ 8,100.00	28.00		28.00	\$ -	\$ 8,400.00	\$ (300.00)	
11	Manhole Vent Assembly	EA	1	\$ 2,500.00	\$ 2,500.00	2.00		2.00	\$ -	\$ 5,000.00	\$ (2,500.00)	
12	Reclaimed Water Tapping Assembly	EA	6	\$ 1,900.00	\$ 11,400.00	6.00		6.00	\$ -	\$ 11,400.00	\$ -	
13	Drop Service Connections	EA	6	\$ 1,375.00	\$ 8,250.00	6.00		6.00	\$ -	\$ 8,250.00	\$ -	
14	Rip-Rap Erosion Protection	TON	23	\$ 2,500.00	\$ 57,500.00	23.00		23.00	\$ -	\$ 57,500.00	\$ -	
15	Reinforced Silt Fence	LF	5	\$ 50.00	\$ 250.00	5.00		5.00	\$ -	\$ 250.00	\$ -	
16	Straw Bales - Erosion Protection	LF	6800	\$ 2.40	\$ 16,320.00	6800.00		6800.00	\$ -	\$ 16,320.00	\$ -	
17	Temporary Construction Fencing	EA	15	\$ 10.00	\$ 150.00	15.00		15.00	\$ -	\$ 150.00	\$ -	
18	Overdepth Excavation and Backfill with Crushed Stone	CY	6800	\$ 1.40	\$ 9,520.00	6753.00		6753.00	\$ -	\$ 9,454.20	\$ 65.80	
19	Crushed Stone Placed as Directed by Engineer	TON	10	\$ 50.00	\$ 500.00				\$ -	\$ -	\$ 500.00	
20	Concrete Check Dam/Curtain Drain	EA	25	\$ 20.00	\$ 500.00				\$ -	\$ -	\$ 500.00	
21	Ductile Iron Fittings	LBS	27	\$ 1,450.00	\$ 39,150.00	27.00		27.00	\$ -	\$ 39,150.00	\$ -	
22	Connection to existing 30" Diameter Gravity Sewer	EA	1151	\$ 4.00	\$ 4,604.00	1035.00		1035.00	\$ -	\$ 4,140.00	\$ 464.00	
23	Connection to existing 12" Diameter reclaimed Water Line	EA	1	\$ 1,000.00	\$ 1,000.00	1.00		1.00	\$ -	\$ 1,000.00	\$ -	
24	Headwall for Drainage Culvert	EA	1	\$ 800.00	\$ 800.00	1.00		1.00	\$ -	\$ 800.00	\$ -	
25	8" Gate Valve and Box	EA	2	\$ 750.00	\$ 1,500.00				\$ -	\$ -	\$ 1,500.00	
26	18" RCP - Dwg. 7	EA	2	\$ 1,150.00	\$ 2,300.00	2.00		2.00	\$ -	\$ 2,300.00	\$ -	
27	Sewer Service Connection Allowance	LF	21	\$ 60.00	\$ 1,260.00				\$ -	\$ -	\$ 1,260.00	
28	Landscaping Allowance	EA	22	\$ 7,000.00	\$ 154,000.00	2.00		2.00	\$ -	\$ 14,000.00	\$ 140,000.00	
29		LS	1	\$ 25,000.00	\$ 25,000.00	0.27		0.27	\$ -	\$ 6,650.00	\$ 18,350.00	
Contract 2												
1	24" Diameter HOBAS Gravity Sewer-Line A	LF	2,450	\$ 96.00	\$ 235,200.00	2297.00		2297.00	\$ -	\$ 220,512.00	\$ 14,688.00	
2	30" Diameter HOBAS Gravity Sewer-Line A	LF	5,285	\$ 125.00	\$ 660,625.00	5285.00		5285.00	\$ -	\$ 660,625.00	\$ -	
3	8" Diameter PVC Sewer-Line E	LF	103	\$ 60.00	\$ 6,180.00	103.00		103.00	\$ -	\$ 6,180.00	\$ -	
4	12" Diameter PVC Sewer-Line B & C	LF	236	\$ 76.00	\$ 17,936.00	236.00		236.00	\$ -	\$ 17,936.00	\$ -	
5	8" Diameter DR18 PVC Pipe-Reclaimed Water 140' Road Crossing 8" PVC Reclaimed Water in 16" Casing Pipe (Goose Creek By-Pass)	LF	8,139	\$ 16.00	\$ 130,224.00	7865.00		7865.00	\$ -	\$ 125,840.00	\$ 4,384.00	
6	Ductile Iron Fittings	LS	1	\$ 55,000.00	\$ 55,000.00	1.00		1.00	\$ -	\$ 55,000.00	\$ -	
7	140' Road Crossing 30" HOBAS in 42" Casing Pipe (Goose Creek By-Pass)	LBS	1,724	\$ 4.00	\$ 6,896.00	1424.00		1424.00	\$ -	\$ 5,696.00	\$ 1,200.00	
8	Creek Crossing-Sta. 88+75.50 to Sta. 89+98.5	LS	1	\$ 185,000.00	\$ 185,000.00	1.00		1.00	\$ -	\$ 185,000.00	\$ -	
9	Creek Crossing-Sta. 122+38.30 to Sta. 123+78.30	LS	1	\$ 58,000.00	\$ 58,000.00	1.00		1.00	\$ -	\$ 58,000.00	\$ -	
10	Creek Crossing-60 LF 12" Diameter PVC (Line B)	LS	1	\$ 60,000.00	\$ 60,000.00	1.00		1.00	\$ -	\$ 60,000.00	\$ -	
11	Creek Crossing-62 LF 12" Diameter PVC (Line C)	LS	1	\$ 20,500.00	\$ 20,500.00	1.00		1.00	\$ -	\$ 20,500.00	\$ -	
12	Creek Crossing-47 LF 8" Diameter PVC (Line E)	LS	1	\$ 21,000.00	\$ 21,000.00	1.00		1.00	\$ -	\$ 21,000.00	\$ -	
13	4' Diameter Manhole, 0'-10' Cut	LS	1	\$ 18,000.00	\$ 18,000.00	1.00		1.00	\$ -	\$ 18,000.00	\$ -	
14		EA	5	\$ 2,500.00	\$ 12,500.00	5.00		5.00	\$ -	\$ 12,500.00	\$ -	

15	5' Diameter Transition MH, 0'-10' Cut	EA	32	\$	6,000.00	\$	192,000.00		32.00	\$	-	\$	192,000.00	\$	-
16	Additional Manhole Sidewall	VF	54	\$	126.00	\$	6,804.00		73.00	\$	-	\$	9,198.00	\$	(2,394.00)
17	Extra for Watertight MH Frame & Cover	EA	37	\$	300.00	\$	11,100.00		37.00	\$	-	\$	11,100.00	\$	-
18	8" Gate Valve and Box	EA	3	\$	1,150.00	\$	3,450.00		3.00	\$	-	\$	3,450.00	\$	-
19	2" APCO 400 Air Release Valve	EA	1	\$	2,500.00	\$	2,500.00		1.00	\$	-	\$	2,500.00	\$	-
20	Manhole Vent Assembly	EA	6	\$	1,900.00	\$	11,400.00		6.00	\$	-	\$	11,400.00	\$	-
21	Drop Service Connections	EA	6	\$	2,500.00	\$	15,000.00		6.00	\$	-	\$	15,000.00	\$	-
22	Reclaimed Water Tapping Assembly	EA	3	\$	1,375.00	\$	4,125.00		5.00	\$	-	\$	750.00	\$	(2,750.00)
23	Rip-Rap Erosion Protection	TON	15	\$	50.00	\$	750.00		15.00	\$	-	\$	750.00	\$	-
24	Reinforced Silt Fence	LF	7,750	\$	2.40	\$	18,600.00		7750.00	\$	-	\$	18,600.00	\$	-
25	Straw Bales - Erosion Protection	EA	60	\$	10.00	\$	600.00		60.00	\$	-	\$	600.00	\$	-
26	Temporary Construction Fencing	LF	7,750	\$	1.40	\$	10,850.00		1965.00	\$	-	\$	2,751.00	\$	8,099.00
27	Overdepth Excavation and Backfill with Crushed Stone	CY	10	\$	50.00	\$	500.00			\$	-	\$	-	\$	500.00
28	Crushed Stone Placed as Directed by Engineer	TON	25	\$	20.00	\$	500.00			\$	-	\$	-	\$	500.00
29	Concrete Check Dam/Curtain Drain	EA	37	\$	1,450.00	\$	53,650.00		33.00	\$	-	\$	47,850.00	\$	5,800.00
30	Class B Concrete for Thrust Block	CY	20	\$	125.00	\$	2,500.00		50.00	\$	-	\$	6,250.00	\$	(3,750.00)
31	Streambank Stabilization Allowance at Creek Crossings	EA	5	\$	5,000.00	\$	25,000.00		4.00	\$	-	\$	20,000.00	\$	5,000.00
32	Sewer Service Connection Allowance	EA	6	\$	7,000.00	\$	42,000.00		2.00	\$	-	\$	14,000.00	\$	28,000.00
33	Landscaping Allowance	LS	1	\$	25,000.00	\$	25,000.00		0.316	\$	-	\$	7,900.00	\$	17,100.00
Contract 3															
1	18" Diameter PVC Sewer - Line D	LF	1,690	\$	80.00	\$	135,200.00		1661.00	\$	-	\$	132,880.00	\$	2,320.00
2	8" Diameter DR18 PVC Pipe-Reclaimed Water	LF	1,936	\$	15.00	\$	29,040.00		1676.00	\$	-	\$	25,140.00	\$	3,900.00
3	4" Diameter Manhole, 0'-10' Cut	EA	9	\$	2,500.00	\$	22,500.00		8.00	\$	-	\$	20,000.00	\$	2,500.00
4	4" Diameter Drop Manhole	EA	1	\$	3,500.00	\$	3,500.00			\$	-	\$	-	\$	3,500.00
5	Additional Manhole Sidewall	VF	3	\$	126.00	\$	378.00		5.00	\$	-	\$	630.00	\$	(252.00)
6	Extra for Watertight MH Frame & Cover	EA	10	\$	300.00	\$	3,000.00		8.00	\$	-	\$	2,400.00	\$	600.00
7	300 LF Interstate Crossing 8" PVC Reclaimed Water Line - Dwg. 16 (I-65)	LS	1	\$	130,000.00	\$	130,000.00		1.00	\$	-	\$	130,000.00	\$	-
8	300 LF Interstate Crossing 18" Gravity Sewer - Dwg. 16 (I-65)	LS	1	\$	299,173.00	\$	299,173.00		1.00	\$	-	\$	299,173.00	\$	-
9	Creek Crossing - Sta. 0+12.87 to Sta. 1+10.68 Dwg. 15	LS	1	\$	27,500.00	\$	27,500.00		1.00	\$	-	\$	27,500.00	\$	-
10	Concrete Check Dam/Curtain Drain	EA	10	\$	1,450.00	\$	14,500.00		8.00	\$	-	\$	11,600.00	\$	2,900.00
11	Class B Concrete for Thrust Block	CY	5	\$	125.00	\$	625.00		7.00	\$	-	\$	875.00	\$	(250.00)
12	Reinforced Silt Fence	LF	3,820	\$	2.40	\$	9,168.00		3778.00	\$	-	\$	9,067.20	\$	100.80
13	Straw Bales - Erosion Protection	EA	25	\$	10.00	\$	250.00		25.00	\$	-	\$	250.00	\$	-
14	Temporary Construction Fencing	LF	3,820	\$	1.40	\$	5,348.00			\$	-	\$	-	\$	5,348.00
15	Overdepth Excavation and Backfill with Crushed Stone	CY	5	\$	50.00	\$	250.00			\$	-	\$	-	\$	250.00
16	Crushed Stone Placed as Directed by Engineer	TON	5	\$	20.00	\$	100.00			\$	-	\$	-	\$	100.00
17	Rip-Rap Erosion Protection	TON	5	\$	50.00	\$	250.00		5.00	\$	-	\$	250.00	\$	-
18	Connection to MH A-49	EA	1	\$	1,000.00	\$	1,000.00		1.00	\$	-	\$	1,000.00	\$	-
19	Connection to Existing 8" Diameter Reclaimed Water Line	EA	1	\$	800.00	\$	800.00		1.00	\$	-	\$	800.00	\$	-
20	Ductile Iron Fittings	LBS	327	\$	4.00	\$	1,308.00		373.00	\$	-	\$	1,492.00	\$	(184.00)
21	2" APCO 400 Air Release Valve	EA	1	\$	2,500.00	\$	2,500.00		1.00	\$	-	\$	2,500.00	\$	-
22	8" Gate Valve and Box	EA	1	\$	1,150.00	\$	1,150.00		1.00	\$	-	\$	1,150.00	\$	-
23	Streambank Stabilization Allowance at Creek Crossings	EA	1	\$	5,000.00	\$	5,000.00		1.00	\$	-	\$	5,000.00	\$	-
Bore Extensions - Change Order #1															
24	36" & 16" Steel Casing Bore Extensions	LS	1	\$	33,792.15	\$	33,792.15		1.00	\$	-	\$	33,792.15	\$	-
Early Completion Bonuses															
25	Early Completion Bonus For 5-Mile Creek Contract 1	LS	1	\$	67,500.00	\$	67,500.00	1.00	1.00	\$	67,500.00	\$	67,500.00	\$	-
26	Early Completion Bonus For 5-Mile Creek Contract 2 & 3	LS	1	\$	67,500.00	\$	67,500.00	1.00	1.00	\$	67,500.00	\$	67,500.00	\$	-
												\$135,000.00		\$4,738,494.55	\$254,549.60

**MONTHLY ESTIMATE OF WORK COMPLETED
MATERIALS USED THIS ESTIMATE/ STORED MATERIALS**

Garney Companies, Inc.
1333 N. W. Vivion Road
Kansas City, MO 64118

Five Mile Creek Interceptor Sewer

PERIOD ENDED: 1/8/2010
ESTIMATE NO.: 15(FINAL)
DATE: 1/8/2010
PAGE: 3 OF 3

ITEM NO.	DESCRIPTION OF MATERIALS	UN	EST QUANTITY	UNIT COST	TOTAL VALUE	DELIVERED TO DATE	DELIVERED PREVIOUS	DELIVERED THIS EST.	VALUE DEL	QUANTITY PREV.	QUANTITY OF MATERIALS USED TOTAL	VALUE THIS EST.	VALUE COMP	VALUE STORED
18" DR18 PVC - Reclaimed Water Line		LF	17913	\$ 5.64		16360.00	16360.00		\$ 92,270.40	16360.00	16360.00	\$ -	\$ 92,270.40	\$ -
18" SDR 35 PVC		LF	1666	\$ 12.02		1666.00	1666.00		\$ 20,025.32	1666.00	1666.00	\$ -	\$ 20,025.32	\$ -
12" SDR 35 PVC		LF	358	\$ 5.75		358.00	358.00		\$ 2,058.50	358.00	358.00	\$ -	\$ 2,058.50	\$ -
8" SDR 35 PVC		LF	150	\$ 2.56		150.00	150.00		\$ 384.00	150.00	150.00	\$ -	\$ 384.00	\$ -
4" SDR 35 PVC (For Sewer Services)		LF	1008	\$ 0.87		1008.00	1008.00		\$ 876.96	1008.00	1008.00	\$ -	\$ 876.96	\$ -
1123 Frame & Cover Water Tight - Sanitary		EA	74	\$ 373.00		70.00	70.00		\$ 26,110.00	70.00	70.00	\$ -	\$ 26,110.00	\$ -
1155 Frame & Cover - Reclaimed Water		EA	3	\$ 147.00		3.00	3.00		\$ 441.00	3.00	3.00	\$ -	\$ 441.00	\$ -
18" / 48 SN Gravity Sewer Pipe w/FWC Couplings		EA	424	\$ 35.95		423.80	423.80		\$ 15,235.61	423.80	423.80	\$ -	\$ 15,235.61	\$ -
24" / 48 SN Gravity Sewer Pipe w/FWC Couplings		EA	2450	\$ 41.00		2449.25	2449.25		\$ 100,419.25	2449.25	2449.25	\$ -	\$ 100,419.25	\$ -
30" / 48 SN Gravity Sewer Pipe w/FWC Couplings		EA	12009	\$ 55.00		11748.55	11748.55		\$ 646,170.25	11748.55	11748.55	\$ -	\$ 646,170.25	\$ -
30" / 143 SN Gravity Sewer Pipe w/Flush Relining Joints		EA	286	\$ 72.00		286.00	286.00		\$ 20,592.00	286.00	286.00	\$ -	\$ 20,592.00	\$ -
8" MJ Gate Valve		EA	6	\$ 607.00		6.00	6.00		\$ 3,642.00	6.00	6.00	\$ -	\$ 3,642.00	\$ -
8"x2" Saddle (For Air Release)		EA	3	\$ 79.00		3.00	3.00		\$ 237.00	3.00	3.00	\$ -	\$ 237.00	\$ -
2"xClose S.S. Nipple (For Air Release)		EA	6	\$ 12.53		6.00	6.00		\$ 75.18	6.00	6.00	\$ -	\$ 75.18	\$ -
2" Brass Gate Valve (For Air Release)		EA	3	\$ 20.89		3.00	3.00		\$ 62.67	3.00	3.00	\$ -	\$ 62.67	\$ -
2" APCO Air Release Valve		EA	3	\$ 525.00		3.00	3.00		\$ 1,575.00	3.00	3.00	\$ -	\$ 1,575.00	\$ -
8"x 3/4" Saddle (For Reclaimed WL Services)		EA	9	\$ 49.00		9.00	9.00		\$ 441.00	9.00	9.00	\$ -	\$ 441.00	\$ -
3/4" Brass Gate Valve (For Reclaimed WL Services)		EA	9	\$ 9.70		9.00	9.00		\$ 177.30	9.00	9.00	\$ -	\$ 177.30	\$ -
3/4" Poly Caps (For Reclaimed WL Services)		EA	9	\$ 33.60		9.00	9.00		\$ 302.40	9.00	9.00	\$ -	\$ 302.40	\$ -
3/4" Poly Purple Tubing (For Reclaimed WL Services)		EA	100	\$ 0.30		100.00	100.00		\$ 30.00	100.00	100.00	\$ -	\$ 30.00	\$ -
8" MJ 11 25 Degree Bend w/Protecto 401		EA	13	\$ 148.00		13.00	13.00		\$ 1,924.00	13.00	13.00	\$ -	\$ 1,924.00	\$ -
8" MJ 22.5 Degree Bend w/Protecto 401		EA	22	\$ 151.00		22.00	22.00		\$ 3,322.00	22.00	22.00	\$ -	\$ 3,322.00	\$ -
8" MJ 45 Degree Bend w/Protecto 401		EA	29	\$ 150.00		29.00	29.00		\$ 4,350.00	29.00	29.00	\$ -	\$ 4,350.00	\$ -
8" MJ Tee w/Protecto 401		EA	1	\$ 192.52		1.00	1.00		\$ 192.52	1.00	1.00	\$ -	\$ 192.52	\$ -
8" Mega Lugs for PVC		EA	30	\$ 39.95		80.00	80.00		\$ 3,196.00	80.00	80.00	\$ -	\$ 3,196.00	\$ -
8"x2" MJ Tapped Cap w/Protecto 401		EA	2	\$ 96.00		2.00	2.00		\$ 192.00	2.00	2.00	\$ -	\$ 192.00	\$ -
12"x8" MJ Reducer w/Protecto 401		EA	2	\$ 194.91		2.00	2.00		\$ 389.82	2.00	2.00	\$ -	\$ 389.82	\$ -
42" Steel Casing Pipe (Capitol Tunneling)		LF	280	\$ 153.70		280.00	280.00		\$ 43,036.00	280.00	280.00	\$ -	\$ 43,036.00	\$ -
36" Steel Casing Pipe (Capitol Tunneling)		LF	300	\$ 135.00		300.00	300.00		\$ 40,500.00	300.00	300.00	\$ -	\$ 40,500.00	\$ -
MH A-1		EA	1	\$ 2,763.57		1.00	1.00		\$ 2,763.57	1.00	1.00	\$ -	\$ 2,763.57	\$ -
MH A-2		EA	1	\$ 2,293.93		1.00	1.00		\$ 2,293.93	1.00	1.00	\$ -	\$ 2,293.93	\$ -
MH A-3		EA	1	\$ 2,580.11		1.00	1.00		\$ 2,580.11	1.00	1.00	\$ -	\$ 2,580.11	\$ -
MH A-4		EA	1	\$ 2,591.73		1.00	1.00		\$ 2,591.73	1.00	1.00	\$ -	\$ 2,591.73	\$ -
MH A-5		EA	1	\$ 2,153.75		1.00	1.00		\$ 2,153.75	1.00	1.00	\$ -	\$ 2,153.75	\$ -
MH A-6		EA	1	\$ 1,883.06		1.00	1.00		\$ 1,883.06	1.00	1.00	\$ -	\$ 1,883.06	\$ -
MH A-7		EA	1	\$ 1,817.18		1.00	1.00		\$ 1,817.18	1.00	1.00	\$ -	\$ 1,817.18	\$ -
MH A-8		EA	1	\$ 1,874.67		1.00	1.00		\$ 1,874.67	1.00	1.00	\$ -	\$ 1,874.67	\$ -
MH A-9		EA	1	\$ 2,140.83		1.00	1.00		\$ 2,140.83	1.00	1.00	\$ -	\$ 2,140.83	\$ -
MH A-10		EA	1	\$ 2,009.03		1.00	1.00		\$ 2,009.03	1.00	1.00	\$ -	\$ 2,009.03	\$ -
MH A-11		EA	1	\$ 1,993.45		1.00	1.00		\$ 1,993.45	1.00	1.00	\$ -	\$ 1,993.45	\$ -
MH A-12		EA	1	\$ 2,032.30		1.00	1.00		\$ 2,032.30	1.00	1.00	\$ -	\$ 2,032.30	\$ -
MH A-13		EA	1	\$ 1,994.10		1.00	1.00		\$ 1,994.10	1.00	1.00	\$ -	\$ 1,994.10	\$ -
MH A-14		EA	1	\$ 1,867.50		1.00	1.00		\$ 1,867.50	1.00	1.00	\$ -	\$ 1,867.50	\$ -
MH A-15		EA	1	\$ 1,983.70		1.00	1.00		\$ 1,983.70	1.00	1.00	\$ -	\$ 1,983.70	\$ -
MH A-16		EA	1	\$ 1,929.50		1.00	1.00		\$ 1,929.50	1.00	1.00	\$ -	\$ 1,929.50	\$ -
MH A-17		EA	1	\$ 1,923.77		1.00	1.00		\$ 1,923.77	1.00	1.00	\$ -	\$ 1,923.77	\$ -
MH A-18		EA	1	\$ 1,844.96		1.00	1.00		\$ 1,844.96	1.00	1.00	\$ -	\$ 1,844.96	\$ -
MH A-19		EA	1	\$ 1,972.87		1.00	1.00		\$ 1,972.87	1.00	1.00	\$ -	\$ 1,972.87	\$ -
MH A-20		EA	1	\$ 1,959.94		1.00	1.00		\$ 1,959.94	1.00	1.00	\$ -	\$ 1,959.94	\$ -
MH A-21		EA	1	\$ 1,833.95		1.00	1.00		\$ 1,833.95	1.00	1.00	\$ -	\$ 1,833.95	\$ -
MH A-22		EA	1	\$ 1,835.24		1.00	1.00		\$ 1,835.24	1.00	1.00	\$ -	\$ 1,835.24	\$ -
MH A-23		EA	1	\$ 1,864.25		1.00	1.00		\$ 1,864.25	1.00	1.00	\$ -	\$ 1,864.25	\$ -
MH A-24		EA	1	\$ 1,886.20		1.00	1.00		\$ 1,886.20	1.00	1.00	\$ -	\$ 1,886.20	\$ -
MH A-25		EA	1	\$ 1,755.99		1.00	1.00		\$ 1,755.99	1.00	1.00	\$ -	\$ 1,755.99	\$ -
MH A-26		EA	1	\$ 1,739.70		1.00	1.00		\$ 1,739.70	1.00	1.00	\$ -	\$ 1,739.70	\$ -
MH A-27		EA	1	\$ 1,929.40		1.00	1.00		\$ 1,929.40	1.00	1.00	\$ -	\$ 1,929.40	\$ -
MH A-28		EA	1	\$ 1,703.10		1.00	1.00		\$ 1,703.10	1.00	1.00	\$ -	\$ 1,703.10	\$ -
MH A-29		EA	1	\$ 1,804.80		1.00	1.00		\$ 1,804.80	1.00	1.00	\$ -	\$ 1,804.80	\$ -
MH A-30		EA	1	\$ 1,785.30		1.00	1.00		\$ 1,785.30	1.00	1.00	\$ -	\$ 1,785.30	\$ -
MH A-31		EA	1	\$ 1,810.50		1.00	1.00		\$ 1,810.50	1.00	1.00	\$ -	\$ 1,810.50	\$ -
MH A-32		EA	1	\$ 1,904.20		1.00	1.00		\$ 1,904.20	1.00	1.00	\$ -	\$ 1,904.20	\$ -

MH A-33	EA	1	\$	1,831.20				1.00	1.00	\$	1,831.20	1.00		1.00	\$	-	\$	1,831.20	\$	-
MH A-34	EA	1	\$	1,814.50				1.00	1.00	\$	1,814.50	1		1.00	\$	-	\$	1,814.50	\$	-
MH A-35	EA	1	\$	1,765.90				1.00	1.00	\$	1,765.90	1		1.00	\$	-	\$	1,765.90	\$	-
MH A-36	EA	1	\$	1,804.80				1.00	1.00	\$	1,804.80	1		1.00	\$	-	\$	1,804.80	\$	-
MH A-37	EA	1	\$	1,837.10				1.00	1.00	\$	1,837.10	1		1.00	\$	-	\$	1,837.10	\$	-
MH A-38	EA	1	\$	1,890.20				1.00	1.00	\$	1,890.20	1		1.00	\$	-	\$	1,890.20	\$	-
MH A-39	EA	1	\$	1,957.00				1.00	1.00	\$	1,957.00	1.00		1.00	\$	-	\$	1,957.00	\$	-
MH A-40	EA	1	\$	1,632.10				1.00	1.00	\$	1,632.10	1.00		1.00	\$	-	\$	1,632.10	\$	-
MH A-41	EA	1	\$	1,752.40				1.00	1.00	\$	1,752.40	1.00		1.00	\$	-	\$	1,752.40	\$	-
MH A-42	EA	1	\$	1,752.40				1.00	1.00	\$	1,752.40	1.00		1.00	\$	-	\$	1,752.40	\$	-
MH A-43	EA	1	\$	1,752.40				1.00	1.00	\$	1,752.40	1.00		1.00	\$	-	\$	1,752.40	\$	-
MH A-44	EA	1	\$	1,752.40				1.00	1.00	\$	1,752.40	1.00		1.00	\$	-	\$	1,752.40	\$	-
MH A-45	EA	1	\$	1,761.52				1.00	1.00	\$	1,761.52	1.00		1.00	\$	-	\$	1,761.52	\$	-
MH A-46	EA	1	\$	1,771.20				1.00	1.00	\$	1,771.20	1.00		1.00	\$	-	\$	1,771.20	\$	-
MH A-47	EA	1	\$	550.30				1.00	1.00	\$	550.30	1.00		1.00	\$	-	\$	550.30	\$	-
MH A-48	EA	1	\$	1,790.50				1.00	1.00	\$	1,790.50	1.00		1.00	\$	-	\$	1,790.50	\$	-
MH A-49	EA	1	\$	1,767.90				1.00	1.00	\$	1,767.90	1.00		1.00	\$	-	\$	1,767.90	\$	-
MH A-50	EA	1	\$	1,795.03				1.00	1.00	\$	1,795.03	1.00		1.00	\$	-	\$	1,795.03	\$	-
MH A-51	EA	1	\$	1,871.28				1.00	1.00	\$	1,871.28	1.00		1.00	\$	-	\$	1,871.28	\$	-
MH A-52	EA	1	\$	1,880.89				1.00	1.00	\$	1,880.89	1.00		1.00	\$	-	\$	1,880.89	\$	-
MH A-53	EA	1	\$	1,884.75				1.00	1.00	\$	1,884.75	1.00		1.00	\$	-	\$	1,884.75	\$	-
MH A-54	EA	1	\$	1,905.43				1.00	1.00	\$	1,905.43	1.00		1.00	\$	-	\$	1,905.43	\$	-
MH A-55	EA	1	\$	1,977.20				1.00	1.00	\$	1,977.20	1.00		1.00	\$	-	\$	1,977.20	\$	-
MH A-56	EA	1	\$	1,965.53				1.00	1.00	\$	1,965.53	1.00		1.00	\$	-	\$	1,965.53	\$	-
MH A-57	EA	1	\$	1,953.91				1.00	1.00	\$	1,953.91	1.00		1.00	\$	-	\$	1,953.91	\$	-
MH A-58	EA	1	\$	1,953.37				1.00	1.00	\$	1,953.37	1.00		1.00	\$	-	\$	1,953.37	\$	-
MH B-1	EA	1	\$	814.66				1.00	1.00	\$	814.66	1.00		1.00	\$	-	\$	814.66	\$	-
MH C-1	EA	1	\$	766.16				1.00	1.00	\$	766.16	1.00		1.00	\$	-	\$	766.16	\$	-
MH D-1	EA	1	\$	786.40				1.00	1.00	\$	786.40	1.00		1.00	\$	-	\$	786.40	\$	-
MH D-2	EA	1	\$	786.40				1.00	1.00	\$	786.40	1.00		1.00	\$	-	\$	786.40	\$	-
MH D-3	EA	1	\$	786.40				1.00	1.00	\$	786.40	1.00		1.00	\$	-	\$	786.40	\$	-
MH D-4	EA	1	\$	786.40				1.00	1.00	\$	786.40	1.00		1.00	\$	-	\$	786.40	\$	-
MH D-5	EA	1	\$	508.70				1.00	1.00	\$	508.70	1.00		1.00	\$	-	\$	508.70	\$	-
MH D-6	EA	1	\$	818.70				1.00	1.00	\$	818.70	1.00		1.00	\$	-	\$	818.70	\$	-
MH D-7	EA	1	\$	936.30				1.00	1.00	\$	936.30	1.00		1.00	\$	-	\$	936.30	\$	-
MH E-1	EA	1	\$	851.00				1.00	1.00	\$	851.00	1.00		1.00	\$	-	\$	851.00	\$	-
ARV MH-1	EA	1	\$	401.20				1.00	1.00	\$	401.20	1.00		1.00	\$	-	\$	401.20	\$	-
ARV MH-2	EA	1	\$	401.20				1.00	1.00	\$	401.20	1.00		1.00	\$	-	\$	401.20	\$	-
ARV MH-3	EA	1	\$	401.20				1.00	1.00	\$	401.20	1.00		1.00	\$	-	\$	401.20	\$	-