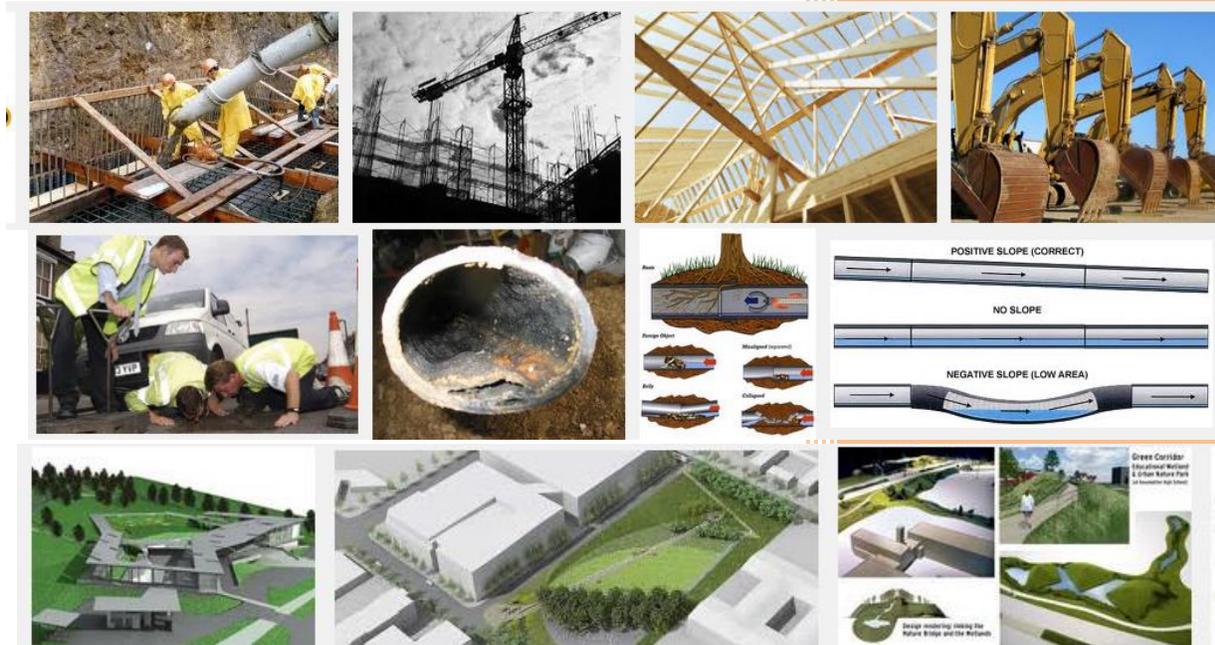


# BRENTWOOD BOROUGH ENGINEERING REPORT



Prepared By: Vitali Alexandrov

Period: Month August, 2016

## 2016 CIP Financial Statement (YTD)

BUDGET	18- CAPITAL IMPROVEMENT PROJECTS CONSTRUCTION/		YTD	(% ) COMPLETE	REMAINING	NOTES
	ENGINEERING	WORK AUTH/AWARDED CONTRACT				
18-439-619	<b>PAVING PROGRAM</b>	\$ 725,000.00	\$ 707,830.10	\$ -		\$ 17,169.90
	Dauphin Ave	\$ 234,978.00	\$ 234,978.00	\$ -	0%	
	Dauphin Ave. - Change Order No. 1		\$ 12,000.00	\$ -	0%	
	Dauphin Ave. - Change Order No. 2		\$ 7,000.00	\$ -	0%	
	<b>Dauphin Ave. - Change Order No. 3</b>		\$ 25,000.00	\$ -	0%	
	Contract A (El Grande - \$210,401.30 Total Contract - \$50,000 for Sidewalks )		\$ 149,026.30	\$ 126,291.84	85%	\$ 22,734.46 Under Budget
	Contract B (Morgan)		\$ 453,861.70	\$ -	0%	
	Contract C (El Grande RE. School Parking Lot)		\$ 18,340.00	\$ -	0%	
	ARLE Deduction No. 1		\$ 33,000.00	\$ -	0%	
	ARLE Deduction No. 2		\$ 8,000.00	\$ -	0%	
	Engineering (Gateway Works Authorization No. xxxxx)		\$ 25,000.00	\$ 25,000.00	100%	
	IN-SINC Deduction (Marylea/Brownsville Rd Signals)		\$ 33,403.00	\$ -	0%	
	Crack Sealing (Material)		\$ 7,674.50	\$ 7,654.50	100%	
	Contract B Deduct for PA American Work		\$ (241,775.50)	\$ -	0%	
	Contract A - Sidewalk Reimbursements		\$ (32,677.90)	\$ -	0%	
	<b>Transfer from 18.495-000 Unreserved Balance</b>		\$ (25,000.00)	\$ -	0%	
18-439-610	Sidewalk Brownsville	\$ 50,000.00	\$ 50,000.00	\$ -	0%	\$ 50,000.00

BUDGET	08-SEWER FUND PROJECTS CONSTRUCTION	BUDGETED	AWARDED	YTD	(%) COMPLETE	REMAINING	NOTES
08 429-372	O & M PLAN	\$ -	\$ -	\$ -	0%		
08 429-372	CCTV	\$ 35,000.00	\$ 71,850.00	\$ 28,046.78	39%	\$ 43,803.22	
08 429-372	Point Repair/Manhole Repair Dig	\$ 110,000.00	\$ 693,290.00	\$ 45,958.39	7%	\$ (583,290.00)	this is 3 years contract
08 429-372	Lining	\$ 250,000.00	\$ 148,550.00	\$ -	0%	\$ 101,450.00	
08 429-372	Special Repairs	\$ 25,000.00	\$ -	\$ -		\$ 25,000.00	
08 429-610	Capital Construction, Bretwood	\$ 200,000.00	\$ 118,802.00	\$ 2,136.25	2%	\$ 116,665.75	
08 429-610	Viking Drive		\$ 27,700.00	\$ -		\$ 27,700.00	
08 429-372	Preventative Maintenance	\$ 40,000.00	\$ -	\$ -	0%	\$ 40,000.00	
08-429-372	Emergency Repairs	\$ 20,000.00	\$ 12,000.00	\$ -		\$ 8,000.00	
08-429-372	Miscellaneous	\$ 10,000.00	\$ -	\$ -	0%	\$ 10,000.00	
	00	\$ -	\$ -	\$ -			
		\$ 690,000.00	\$ 1,072,192.00	\$ 76,141.42		\$ (210,671.03)	

BUDGET	01-GENERAL FUND PROJECTS ENGINEERING	BUDGETED	AWARDED	YTD	(%) COMPLETE	REMAINING
01 408-313	ENGINEERING SERVICES - GENERAL					
01 408-313		\$ -	\$ -	\$ -		
01 408-313	MS4	\$ 15,000.00	\$ 15,000.00	\$ 13,530.09		\$ 1,469.91
01 408-313	Miscellaneous Grants	\$ -	\$ -	\$ -	90%	
01 408-313	Miscellaneous Engineering	\$ 10,000.00	\$ 10,000.00	\$ 6,143.95		\$ 3,856.05
01-414-313	Miscellaneous Engineering Reimbursable	\$ 11,000.00	\$ 11,000.00	\$ 334.25	61%	\$ 10,665.75
		\$ 36,000.00	\$ 36,000.00	\$ 20,008.29		\$ 15,991.71

### **Monday- August 1, 2016**

I have been working on items listed below:

1. Replied to multiple emails.
2. Attended at pre-bid meeting related to Viking Dr/Brentwood Ave. projects.
3. Worked on DPW report.
4. Responded to phone calls: 613-319-1840.

### **Tuesday – August 2, 2016**

I have been working on items listed below:

1. Responded to multiple emails.
2. Attended at PennDot regarding Sign Retroreflectivity Inspections.
3. Attended at DPW monthly meeting.
4. Attended meeting with Ryan Berner to discuss updates on GIS which includes: sign inspection, workforce, resident complaints, etc.
5. Met with Morgan Excavating to go over placing binder in road/ matching driveways/sidewalks. Morgan will start concrete work on Monday next week.
6. Responded to phone calls: 412-969-2166.

### **Wednesday – August 3, 2016**

I have been working on items listed below:

1. Replied to multiple emails.
2. Reviewed 2016 CCTV files.
3. Revised and updated DPW Budget (see attached).
4. Attended Monthly Meeting with Gateway Engineers (Meeting Minutes attached below).
5. Responded to phone calls: 631-319-1840, 412-969-2166.

### **Thursday – August 4, 2016**

I have been working on items listed below:

1. Replied to multiple emails.
2. Vitali PTO.
3. Reviewed 2016 CCTV files.
4. Worked on Newsletter article regarding sign inventory.
5. Prepared an agenda for weekly conference call with Gateway Engineers.
6. Prepared weekly/monthly report.
7. Responded to phone calls: 412-337-4732, 412600-8651.

### **Friday- August 5, 2016**

I have been working on items listed below:

1. Replied to multiple emails.
2. Reviewed additional repair documents related to 2016 CCTV Contract.
3. Continued to review CCTV files submitted by Roto-Rooter.
4. Responded to phone calls: 412-867-0661.

### **Monday- August 8, 2016**

I have been working on items listed below:

5. Replied to multiple emails.
6. Dauphin Ave. Inspection.
7. Golden Triangle will complete work at Villawood area by Friday August 12<sup>th</sup>.
8. Intern continued working on sign inventory.
9. Responded to phone calls: 724-323-5324, 814-221-2110, 412-418-4429.

**Tuesday – August 9, 2016**

I have been working on items listed below:

7. Responded to multiple emails.
8. Prepared Notice to Proceed related to 2016 Paving Program Contract B (see attached).
9. Prepared additional repairs for MH-MH Lining related to 2016 Sewer repair project.
10. Attended at Bid Opening related to 2016 Sewer Special Projects (see bid notes attached).
11. Intern continued working on sign inventory.
12. Responded to phone calls: 412-667-9065, 412-882-5184, 412-418-9429.

**Wednesday – August 10, 2016**

I have been working on items listed below:

6. Replied to multiple emails.
7. Responded to resident complaint on 128 Olancha Ave. regarding curb repair.
8. Met State Pipe regarding sewer segment collapse at Dauphin Ave and proposed 6 LF repair next week.
9. Intern continued working on sign inventory.
10. Responded to phone calls: 412-999-0797, 412-884-7982, 724-336-1490.

**Thursday – August 11, 2016**

I have been working on items listed below:

8. Replied to multiple emails.
9. Attended MS4 training.
10. Intern continued working on sign inventory.
11. Prepared weekly/monthly report.
12. Responded to phone calls.

August 09, 2016

Mr. Steve Morgan  
President  
Morgan Excavating  
445 Cherry Blossom Drive  
Belle Vernon, PA 15102

**RE: *Second Notice to Proceed  
2016 Road Resurfacing Program Contract B  
Brentwood Borough***

Dear Mr. Morgan:

This letter serves as a Notice to Proceed for the 2016 Road Resurfacing Program Contract B Project. The Borough has coordinated with Pennsylvania American Water Contractor for work along Villawood Ave, Kingslay Ave., and Shadyway Dr. and have received notification from Golden Triangle Construction confirming completion date by August 13, 2016. Morgan Excavating can start to mobilize equipment as soon as August 15, 2016 at which time the contract schedule requirements will resume.

If you have any questions or require additional information, please do not hesitate to give me a call. Thank you for your patience and cooperation as we work through this dilemma.

Very truly yours;  
BRENTWOOD BOROUGH

  
George Zboyovsky, PE  
Borough Manager

**Borough of Brentwood**  
**Brentwood 2016 Sanitary Sewer Special Repair Contracts**  
**C-40164-0001**  
**Bid Opening Sheet**  
**8/9/2016 10:00 A.M.**

Name of Bidder	10% Bid Bond	Addendum No. 1	Contract A Base Bid	Contract A Add Alternate Bid	Contract B Base Bid
✓ Creative Enterprises Co.			—	—	\$34,550.00
✓ Independent Enterprises			\$71,252.00	\$47,550.00	\$55,625.00
Insight Pipe Contracting					
Jet Jack, Inc.					
✓ Osiris Enterprises			—	—	\$45,625.00
Robinson Pipe Cleaning Co.					
✓ Roto-Rooter Services Company			—	—	\$27,700.00
✓ Soli Construction			\$105,100.00	\$110,000.00	\$33,500.00



Sign Inventory Update as of 8-10-16.

### **Friday 8-12-2016**

1. Respond to multiple emails
2. But if you're in agenda for weekly conference with the gateway engineers conducted conference call with the gate with engineers
3. Respond to multiple phone calls from residents and contractors: 412-656-1178
4. Responded to residence request unavailable Avenue regarding 2016 paving project
5. At gathered at the meeting with EL grande to discuss school parking lot project starting and ending dates preliminary starting date to my device for this project is July 18-19
6. Processed three excavation permit
7. Read the agenda for agenda meeting related to 2016 sewer special contract contract A and contracting B.

### **Monday 8-15-16**

1. Responded to multiple emails
2. Placed a phone call to follow up with Morgan excavating regarding 2016 contract B and Dolphin Avenue, requested updated schedule
3. Approved monthly invoices from the gate with engineers updated 2016 capital improvement projects budget
4. Responded to residence request a living at 3835 Sunview Dr. regarding the groundhog in the cage sent out department of public works guy to pick up the cage
5. Responded to resident complaint at 287 Longwood Ave., Lisa Hall 412-418-3996 resident complaints regarding tree that fell down on a bed of her yard went out to investigate if I appear to be that tree belong to the resident

### **Tuesday 8-16-16**

1. Responded to multiple emails
2. Perform inspection at the job site Roto-Rooter contractor installed 5 1/2 linear feet off PVC SDR 8 inch sanitary main line.
3. Attended at the meeting with PennDOT regarding Sawmill Run Blvd., Senate and she will be there at the meeting the bottom of the green to split the cost for the repair of the lane construction 50-50, prepare a draft agreement and submitted to George Z for review and comments (see draft below)
4. Responded to our phone calls 412-882-5184, 724-379-4133, 740-375-4075
5. Performed field inspection at dolphin Avenue contractor started removing existing concrete from the driveways and setting the forms off to pour concrete

### **Wednesday 8-17-16**

1. Repair and process the HOP for the border contractor to perform spot lining repair related to 2016 sewer rehab contract B

2. Registered for MS4 workshop training schedule in October 6
3. Performed field inspection at dolphin Avenue contractor started removing existing concrete from the driveways and setting the forms off to pour concrete
4. Process Street excavation permit submitted by Columbia Gas
5. Attended at the meeting with EL grande regarding 2016 paving program contract A at the meeting we discussed limits of work time and schedule. Contractor is planning to want to live on Thursday or Friday this week to perform the work at the school parking lot next week on Monday 22nd or Tuesday the 23rd contractor is more the lysing to perform all the work associated with roads paving.
6. Prepare and agenda for council to vote what are you guarding 2016 contract a schedule extension (see letter below)

#### **Thursday 8-18-16**

1. Responded to multiple emails
2. Therefore an inspection at dolphin Avenue Regarding Dolphin Ave., Road construction project contractor continue to set the forms and demolish existing concrete on the driveway and the sidewalks for further replacement
3. Attended at the meeting with Morgan excavating regarding concrete driveway can restoration at 3525 Dolphin Ave. discussed potential driveway replacement the borough and contractor come to agreement that existing driveway can be cut 22 feet from curb and replaced with a new concrete. Also, existing landing pad at the steps will be lower to match New elevation of the driveway.
4. Intended at the meeting with Morgan excavating regarding 2016 contract B. Contractor will present to the borough construction schedule sometime next week.
5. Prepare weekly engineering report
6. War on 2016 sewer contract A and finalized additional repairs that must be done prior paving contractor mobilization to the job site



## EL GRANDE INDUSTRIES, INC.

384 HELEN AVENUE  
MONESSEN, PA 15062

PHONE: (724)379-4133 FAX: (724)379-6889  
[elgrande4133@verizon.net](mailto:elgrande4133@verizon.net)

August 3, 2016

The Gateway Engineers, Inc.  
400 Holiday Drive  
Suite 300  
Pittsburgh, PA 15220-2727

RE; 2016 PAVING PROGRAM  
CONTRACT A

Gentlemen:

We are requesting the completion date be extended to September 30, 2016 for the above referenced project.

Your consideration in this matter is greatly appreciated.

Thank you.

Sincerely,

EL GRANDE INDUSTRIES, INC.

  
\_\_\_\_\_  
Joseph Alvarez

JA/dn



**Friday 8-19-2016**

1. Respond to multiple emails
2. Performed field inspection on Dauphin Ave. redesigned street top elevation by razing the road by 18". (see picture below)



**Monday 8-22-16**

1. Responded to multiple emails
2. Continued to work on 2016 Paving project including Dauphin Ave and School Parking lot. (see report and pictures below)



## **Tuesday 8-23-16**

1. Responded to multiple emails
2. Attended at the meeting with resident at 3121 Elroy Ave. The resident is willing to participate at sidewalk share program with the Borough. All measurements were taking and submitted to code department to collect payment.
3. Continued to work on Dauphin Ave and School Parking lot project.

## **Wednesday 8-24-16**

1. Scheduled the meeting with Joe Sites and Morgan Excavating regarding changing road design elevation. New grades were discussed and set to new elevation which is 18” higher. The Morgan Excavating would have to place the binder in 3 lifts. All work will be coordinated and inspected by the Borough.
2. Attended at the meeting with School regarding the School Parking lot project and provided updates related to 2016 Paving Program.
3. Continued to work at Dauphin Ave. Contractor poured concrete steps, driveway and sidewalk. (see daily report and pictures)







**Thursday 8-18-16**

1. Responded to multiple emails
2. Performed field inspection on Pointview Ave. this is related to 2016 Paving Program Contract A with El Grande. Contractor mobilized and milled Pointview Ave and Corb Way. (see picture)

Pointview



3. Prepare weekly engineering report
4. Prepared and approved Pay Application #1 related to 2016 CCTV contract (see below)



**THE BOROUGH OF BRENTWOOD**  
MUNICIPAL BUILDING - 344 BROWNVILLE ROAD  
PITTSBURGH, PA 15227-3199  
OFFICE: 412-264-1500 FAX: 412-264-1911  
www.brentwoodpa.gov

**CONTRACTOR'S APPLICATION FOR PAYMENT**

**PROJECT TITLE:** 2016 CCTV      **PROJECT NO.:** 08-429-372      **APPLICATION NO.** 1

**CONTRACTOR:** Roto- Rooter  
3731 William Penn Hwy  
Murrys ville, PA 15668      **CONTRACT DATE:**      **PERIOD FROM:** 06/28/16  
**PERIOD TO:** 08/25/16

EXTRA WORK SUMMARY			BILLING SUMMARY	
Extra Work Change Orders This Period		Additions		
No.	Date	\$		
		-	1. ORIGINAL CONTRACT SUM	\$ 71,850.00
			2. ADDITIONAL WORK BY CHANGE ORDER	-
			3. CONTRACT SUM TO DATE (1 + 2)	71,850.00
			4. TOTAL COMPLETED TO DATE	32,244.03
			5. CONTRACT AMOUNT REMAINING (1 - 4)	39,605.98
			6. RETAINAGE HELD	5% 1,612.20
			RETAINAGE RELEASED	0%
			7. LESS PREVIOUS APPLICATIONS	-
			8. CURRENT PAYMENT DUE	\$ 30,631.82
<b>Totals</b>		\$ -		\$ -
<b>Net Extra Work</b>		\$ -		\$ -

**CONTRACTOR'S CERTIFICATION**  
According to the best of my knowledge and belief, I certify that all items and amounts shown on the face of this Application for Payment are correct, that all work has been performed and/or material supplied in accordance with the requirements of the referenced Contract and/or duly authorized deviations, substitutions, alterations, 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 Application, that no part of the "Current Payment Due" has been received, and that all claims against the Contractor represented by the undersigned for labor, materials, expendable equipment, work performed by subcontractors, etc., which were outstanding prior to the date of the last preceding Application for Payment have been paid in accordance with the Contract Documents.

**CONTRACTOR**  
By: \_\_\_\_\_ Date: \_\_\_\_\_  
Title: \_\_\_\_\_  
State of: \_\_\_\_\_ County of: \_\_\_\_\_  
Subscribed and sworn to before me this \_\_\_\_ day of \_\_\_\_\_, 20\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

**CONSULTANT REVIEW**  
By: \_\_\_\_\_ Date: \_\_\_\_\_

**APPROVAL RECOMMENDATIONS**

Project Manager _____ Date _____	Senior Project Manager _____ Date _____
Project Management Engineer _____ Date _____	Director _____ Date _____

2016 Pay App CCTV

APP 1

**Friday 8-19-2016**

1. Respond to multiple emails
2. Performed field inspection on Dauphin Ave. redesigned street top elevation by razing the road by 18". (see picture below)



**Monday 8-22-16**

1. Responded to multiple emails
2. Continued to work on 2016 Paving project including Dauphin Ave and School Parking lot. (see report and pictures below)



## **Tuesday 8-23-16**

1. Responded to multiple emails
2. Attended at the meeting with resident at 3121 Elroy Ave. The resident is willing to participate at sidewalk share program with the Borough. All measurements were taking and submitted to code department to collect payment.
3. Continued to work on Dauphin Ave and School Parking lot project.

## **Wednesday 8-24-16**

1. Scheduled the meeting with Joe Sites and Morgan Excavating regarding changing road design elevation. New grades were discussed and set to new elevation which is 18" higher. The Morgan Excavating would have to place the binder in 3 lifts. All work will be coordinated and inspected by the Borough.
2. Attended at the meeting with School regarding the School Parking lot project and provided updates related to 2016 Paving Program.
3. Continued to work at Dauphin Ave. Contractor poured concrete steps, driveway and sidewalk. (see daily report and pictures)





**Thursday 8-18-16**

1. Responded to multiple emails
2. Performed field inspection on Pointview Ave. this is related to 2016 Paving Program Contract A with El Grande. Contractor mobilized and milled Pointview Ave and Corb Way. (see picture)

Pointview



3. Prepare weekly engineering report
4. Prepared and approved Pay Application #1 related to 2016 CCTV contract (see below)

CONTRACTOR'S APPLICATION FOR PAYMENT																																														
PROJECT TITLE: 2016 CCTV		PROJECT NO.: 08-429-372	APPLICATION NO. 1																																											
CONTRACTOR: Roto-Rooter 2731 William Penn Hwy Murrysville, PA 15668		CONTRACT DATE:	PERIOD FROM: 06/28/16 PERIOD TO: 08/25/16																																											
<table border="1"> <thead> <tr> <th colspan="4">EXTRA WORK SUMMARY</th> </tr> <tr> <th colspan="2">Extra Work Change Orders This Period</th> <th>Additions</th> <th>Deletions</th> </tr> <tr> <th>No.</th> <th>Date</th> <th>\$</th> <th>\$</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td colspan="2">Totals</td> <td>\$</td> <td>\$</td> </tr> <tr> <td colspan="2">Net Extra Work</td> <td>\$</td> <td>\$</td> </tr> </tbody> </table>		EXTRA WORK SUMMARY				Extra Work Change Orders This Period		Additions	Deletions	No.	Date	\$	\$					Totals		\$	\$	Net Extra Work		\$	\$	<table border="1"> <thead> <tr> <th colspan="2">BILLING SUMMARY</th> </tr> </thead> <tbody> <tr> <td>1. ORIGINAL CONTRACT SUM</td> <td>\$ 71,850.00</td> </tr> <tr> <td>2. ADDITIONAL WORK BY CHANGE ORDER</td> <td>-</td> </tr> <tr> <td>3. CONTRACT SUM TO DATE (1 + 2)</td> <td>71,850.00</td> </tr> <tr> <td>4. TOTAL COMPLETED TO DATE</td> <td>32,244.03</td> </tr> <tr> <td>5. CONTRACT AMOUNT REMAINING (1 - 4)</td> <td>39,605.98</td> </tr> <tr> <td>6. RETAINAGE HELD</td> <td>5% 1,980.29</td> </tr> <tr> <td>RETAINAGE RELEASED</td> <td>0%</td> </tr> <tr> <td>7. LESS PREVIOUS APPLICATIONS</td> <td>-</td> </tr> <tr> <td>8. CURRENT PAYMENT DUE</td> <td>\$ 30,631.82</td> </tr> </tbody> </table>	BILLING SUMMARY		1. ORIGINAL CONTRACT SUM	\$ 71,850.00	2. ADDITIONAL WORK BY CHANGE ORDER	-	3. CONTRACT SUM TO DATE (1 + 2)	71,850.00	4. TOTAL COMPLETED TO DATE	32,244.03	5. CONTRACT AMOUNT REMAINING (1 - 4)	39,605.98	6. RETAINAGE HELD	5% 1,980.29	RETAINAGE RELEASED	0%	7. LESS PREVIOUS APPLICATIONS	-	8. CURRENT PAYMENT DUE	\$ 30,631.82
EXTRA WORK SUMMARY																																														
Extra Work Change Orders This Period		Additions	Deletions																																											
No.	Date	\$	\$																																											
Totals		\$	\$																																											
Net Extra Work		\$	\$																																											
BILLING SUMMARY																																														
1. ORIGINAL CONTRACT SUM	\$ 71,850.00																																													
2. ADDITIONAL WORK BY CHANGE ORDER	-																																													
3. CONTRACT SUM TO DATE (1 + 2)	71,850.00																																													
4. TOTAL COMPLETED TO DATE	32,244.03																																													
5. CONTRACT AMOUNT REMAINING (1 - 4)	39,605.98																																													
6. RETAINAGE HELD	5% 1,980.29																																													
RETAINAGE RELEASED	0%																																													
7. LESS PREVIOUS APPLICATIONS	-																																													
8. CURRENT PAYMENT DUE	\$ 30,631.82																																													
<p><b>CONTRACTOR'S CERTIFICATION</b></p> <p>According to the best of my knowledge and belief, I certify that all facts and amounts stated on the face of this Application for Payment are correct, that all work has been performed and/or material supplied in accordance with the requirements of the referenced Contract and/or with authorized directions, specifications, alterations and/or additions, and that the foregoing is a true and correct statement of the Contractor's account to date including the last day of the period covered by this Application, that no part of the "Contract Retention Due" has been advanced, and that all claims against the Contractor represented by the subcontractors for labor, materials, equipment, etc., have been paid in full in accordance with the Contract Documents.</p> <p>CONTRACTOR By: _____ Date: _____ Title: _____ State of: _____ County of: _____ Subscribed and sworn to before me this _____ day of _____, 20____ Notary Public My Commission Expires: _____</p>		<p><b>CONSULTANT REVIEW</b></p> <p>By: _____ Date: _____ Project Manager Date: _____ Senior Project Manager Date: _____</p> <p><b>APPROVAL RECOMMENDATIONS</b></p> <p>Project Management Engineer Date: _____ Director Date: _____</p>																																												