

# **Rock Chalk Park - Infrastructure Report**

## **March 2014**

The following report is the eighth monthly report for the construction of infrastructure at Rock Chalk Park. The format follows the sections outlined in the development agreement with status updates and notable items complete. Attached is a copy of the spreadsheet city staff is using to track monthly quantities and totals which can be compared to the amounts approved in the development agreement. Highlighted items on the spreadsheet are estimated quantities complete for lump sum and grading items that will not be measurable until the project is complete; the estimate is from visual inspection.

The majority of work completed has been inspected and installed to City specifications. Quantities of work completed have been measured by the City and provided to Bliss Sports. There have been no major changes to the design, scope, functionality or amenities of the infrastructure plans. There have been some minor changes to work items and they are outlined in the change order section. Infrastructure improvements appear to be on or ahead of schedule. At the end of March \$7,378,088.53 of the \$12,265,168.65 total cost of infrastructure work was complete, approximately 60%.

City Staff has been meeting with Bliss Sports bi-weekly about infrastructure throughout the project; with the upcoming Kansas Relays staff began meeting weekly with Bliss Sports on March 11, 2014. A letter was provided to Bliss Sports on March 19, 2014 summarizing the criteria for infrastructure completion required for approval of a Temporary Certificate of Occupancy and outlining guidelines for acceptance of infrastructure work needed prior to completion of the project. All infrastructure items required for the TCO were completed prior to the Kansas Relays.

March 27, 2014 Public Works staff and Bliss Sports met on site to review parking lot and street repairs due to cracking; approximately 3% of the panels in the parking lot have cracks and 1-2% in the public/private streets. It was agreed that crack sealing the parking lot joints and cracks would be an acceptable fix to the majority of the cracked concrete panels in the parking lot. Bliss Sports began the process to crack seal all joints in the end of March.

Public works staff and Bliss Sports also agreed on the process to fix the incorrect work at the radius tie-in from the north end of George Williams Way to Rock Chalk Parkway from November 30th that was reported in the November Infrastructure Report. The concrete joint was removed by Bliss Sports, correctly fixed and approved by the Public Works Department.



### **General**

- No additional staking costs have been submitted by Bliss Sports.

### **Site Grading**

- No additional grading work in March
- 100% of site strip, site excavation, compaction and rock excavation work is complete; all quantities are assumed to be plan quantity
- Topsoil replacement/fine grade work will begin in April.

### **Retention Ponds**

- Work to complete the detention ponds is 100% complete as of July 2013.
- Summary of Costs:
  - Cost per development agreement: \$156,250
  - Final construction cost: \$156,250

### **Natural Trails and Eight Lighted Tennis Courts**

- No construction work has begun

### **Waterline**

- Work to complete Waterline is 100% complete as of November 2013

- Summary of Costs:
  - Cost per development agreement: \$468,061.65
  - Final construction cost: \$462,522.49
- Two overruns on quantities:
  - 12" C900 DR14 Waterline: 12 extra feet, cost = \$442.44
  - 8" PVC C900 DR14 Waterline: 14 extra feet, cost = \$406
  - Fire Hydrant Assembly: 1 extra, cost = \$3300
- One underrun on quantities:
  - Flowable fill - an estimated 384.5 CY was assumed based on the unit price provided for the Sanitary Sewer flowable fill (\$70/CY). The 247 CY of flowable fill used for waterline the total cost would be \$17,290; an underrun cost of \$9620
- All other items were installed at 100% of plan quantities

### **Sanitary Sewer**

- Work to complete Sanitary Sewer is 100% complete as of October 2013
- Summary of Costs:
  - Cost per development agreement: \$162,842.50
  - Final construction cost: \$174,312.50
- Two overruns on quantities:
  - Extra Depth manhole: 6.2 extra feet, cost = \$620
  - Flowable Fill - 155 CY extra, cost = \$10,850
- All other items were installed at 100% of plan quantities

### **Storm Sewer**

- Work to complete Storm Sewer is 100% complete as of November 2013
- Summary of Costs:
  - Cost per development agreement: \$82,688.75
  - Final construction cost: \$82,688.75
- One additional 12" pipe and end section was installed to alleviate a drainage concern along Rock Chalk Drive; because there are no 12" pipe quantities in the plans, the item has been added to the Change Order section at the end.

### **Parking Lot Lights**

- No additional work on parking lot lights in March. The parking lot light poles have been delivered to the site, the installation will occur after the Kansas Relays.
- 80% of the Conduit for lights and 50% of the Conduit for Westar has been installed.

### **Landscaping**

- The installation of trees and shrubs began in March; 208 trees and 24 shrubs were planted.

- An additional 25% of the irrigation was installed in March bringing the total of approximately 75% of the irrigation work being complete.

### **Rock Chalk Drive & George Williams**

- Unclassified excavation was 100% complete for this section in October and the full quantity 15,934 CY is assumed to be correct.
- Compacted fill was 100% complete for this section in November and the full quantity 1790 CY is assumed to be correct.
- Repairs were made to the several cracked panels in Rock Chalk Drive. Both Rock Chalk Drive and George Williams Way were cracked sealed.
- 244 SY of 10" concrete pavement was installed in March; total of 9493 SY is complete (97% of plan quantity)
- 211 LF of curb and gutter was installed in March; total of 6005 LF is complete (96% of plan quantity).
- 3374 SY of 6" x 10' fiber reinforced sidewalk was installed in March (83% complete)
- 8 of the 13 total access ramps were installed in March.
- Erosion control was installed in March and has been maintained by the contractor.
- Traffic Control Signage was installed for public streets, work is 100% complete.
- Treatment of subgrade is measured to be 95% complete. The development agreement had 12" fly ash & 4" AB3 for this work item. A change was made to 9" fly ash as recommended by the city - already on the approved public improvement plans. No unit cost has been provided by Bliss for this work, the quantity has been added to the Change Order section.

### **Overflow Parking Lot**

- 281 SY of concrete access ramps were installed in March (61% complete).

### **Parking Lot/Access Drives**

- Concrete paving in parking lot began in September. 887 SY of additional concrete was installed in March; parking lot is 96% complete.
- Curb and gutter work in the parking lot began in November and an additional 2608 LF was poured in March; 75% complete.
- Concrete parking and bus lane work began in December. 1544 SY was poured in March; work is approximately 75% complete.
- Due to cold weather the parking lot north of the KU track facility was not treated with fly ash before paving. The City and Bliss Sports agreed to use 12" crushed concrete thickness instead of fly ash. This quantity will be split out and listed as Change Order 6.

### **Rock Chalk Lane and Rock Chalk Parkway**

- 302 SY of 8" concrete pavement was installed in March (work is 90% complete).

- 85 LF of curb and gutter was poured in March (work is 91% complete).
- 3029 SY of 6" x 10' rec path was installed in March (work is 59% complete).
- 26 access ramps were installed (51% complete).

### **Chip and Seal County Road**

- No work has begun and plans are to complete at end of project.

### **Rec Center Pad**

- Work to complete the rec center pad is 100% complete as of July 2013.
- Summary of Costs:
  - Cost per development agreement: \$432,500
  - Final construction cost: \$432,500

### **Change Orders**

- Change Order 1: Installed additional 1352 LF of 4" conduit for fiber
- Change Order 2: 600 LF of 3" conduit for security cameras (complete in August)
- Change Order 3: Treatment of subgrade 9" flyash on Rock Chalk Drive and George Williams Way
- Change Order 4: 12" HDPE storm sewer pipe
- Change Order 5: 12" CMP End Section.
- Change Order 6: 5998 SY 12" Subgrade Crushed Concrete in Parking Lot
  
- Unit costs for change orders items 1 through 6 have not yet been approved; a copy was provided to Bliss Sports on February 11, 2014.

**ESTIMATE OF WORK COMPLETE  
FOR PERIOD: March 2014**

DATE: March 31, 2014

ESTIMATE No.: 8

PROJECT LOCATION: Rock Chalk Site Work

ESTIMATE ON LUMP SUM & GRADING ITEMS

ITEM	DESCRIPTION	UNIT	QUANTITY	CONTRACTED		COMPLETED TO DATE		Percent Complete	COMPLETED THIS PAY PERIOD	
				UNIT PRICE	AMOUNT	UNIT	AMOUNT		UNIT	AMOUNT
	General	Unit	Quantity	Unit cost	Total					
1	Mobilization	LS	1	\$ 400,000.00	\$ 400,000.00	0.75	\$ 300,000.00	75%		\$ -
2	Construction Staking	LS	1	\$ 225,000.00	\$ 225,000.00	0.25	\$ 58,200.00	25%		\$ -
3	Seeding, Mulching & Fertilizing	AC	20	\$ 1,500.00	\$ 30,000.00	13.34	\$ 20,010.00	67%		\$ -
4	Utilities Connection fees and expenses	LS	1	\$ 55,000.00	\$ 55,000.00		\$ -	0%		\$ -
5	Traffic Control	LS	1	\$ 5,000.00	\$ 5,000.00		\$ -	0%		\$ -
6	Erosion & Sediment Control	LS	1	\$ 40,000.00	\$ 40,000.00	1.00	\$ 40,000.00	100%		\$ -
7	Legal Fees per Development Agreement	LS	1	\$ 167,836.00	\$ 167,836.00		\$ -	0%		\$ -
8	Loan origination fees for project financing	LS	1	\$ 150,000.00	\$ 150,000.00		\$ -	0%		\$ -
9	Loan interest for project financing	LS	1	\$ 309,515.00	\$ 309,515.00		\$ -	0%		\$ -
10	Construction Management fee 2.5% on \$11.5M	LS	1	\$ 287,500.00	\$ 287,500.00		\$ -	0%		\$ -
11	Professional Fees	LS	1	\$ 525,000.00	\$ 525,000.00		\$ -	0%		\$ -
	<b>General Sub Total</b>				\$ 2,194,851.00		\$ 418,210.00	19%		\$ -

	Site Grading	Unit	Quantity	Unit cost	Total					
12	Site strip	CY	32,000	\$ 2.25	\$ 72,000.00	32,000.00	\$ 72,000.00	100%		\$ -
13	Site Excavation	CY	180,000	\$ 2.25	\$ 405,000.00	180,000.00	\$ 405,000.00	100%		\$ -
14	Compaction	CY	160,000	\$ 1.10	\$ 176,000.00	160,000.00	\$ 176,000.00	100%		\$ -
15	Topsoil Replacement/fine grade	CY	10,000	\$ 10.00	\$ 100,000.00		\$ -	0%		\$ -
16	Rock Excavation	CY	9,750	\$ 10.00	\$ 97,500.00	9,750.00	\$ 97,500.00	100%		\$ -
	<b>Site Grading Sub Total</b>				\$ 850,500.00		\$ 750,500.00	88%		\$ -

	Retention Ponds	Unit	Quantity	Unit cost	Total					
17	Rock Excavation	CY	10,000	\$ 10.00	\$ 100,000.00	10,000.00	\$ 100,000.00	100%		\$ -
18	Dirt Excavation	CY	5,000	\$ 2.25	\$ 11,250.00	5,000.00	\$ 11,250.00	100%		\$ -
19	Faircloth skimmers	LS	3	\$ 10,000.00	\$ 30,000.00	3.00	\$ 30,000.00	100%		\$ -
20	Storm structure	LS	3	\$ 5,000.00	\$ 15,000.00	3.00	\$ 15,000.00	100%		\$ -
	<b>Retention Ponds Sub Total</b>				\$ 156,250.00		\$ 156,250.00	100%		\$ -

	Natural Trails and Eight Lighted Tennis Courts	Unit	Quantity	Unit cost	Total					
21	Tennis Courts	LS	1	\$ 640,000.00	\$ 640,000.00		\$ -	0%		\$ -
22	Retaining Walls at Tennis Courts	LS	1	\$ 170,000.00	\$ 170,000.00		\$ -	0%		\$ -
23	Natural trail 10' Approx. 5 = miles	SY	33,710	\$ 12.00	\$ 404,520.00		\$ -	0%		\$ -
	<b>Trails and Tennis Courts Sub Total</b>				\$ 1,214,520.00		\$ -	0%		\$ -

**ESTIMATE OF WORK COMPLETE  
FOR PERIOD: March 2014**

DATE: March 31, 2014

ESTIMATE No.: 8

PROJECT LOCATION: Rock Chalk Site Work

ESTIMATE ON LUMP SUM & GRADING ITEMS

ITEM	DESCRIPTION	UNIT	QUANTITY	CONTRACTED		COMPLETED TO DATE		Percent Complete	COMPLETED THIS PAY PERIOD	
				UNIT PRICE	AMOUNT	UNIT	AMOUNT		UNIT	AMOUNT
	<b>Waterline</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit cost</b>	<b>Total</b>					
22	Connect to Existing water line	1	1	\$ 750.00	\$ 750.00	1.00	\$ 750.00	100%		\$ -
23	12" C900 DR14 Water line	LF	7,642	\$ 36.87	\$ 281,760.54	7,654.00	\$ 282,202.98	100%		\$ -
24	8" PVC C900 DR14 Water line	LF	472	\$ 29.00	\$ 13,688.00	486.00	\$ 14,094.00	103%		\$ -
25	3" M.J. Gate Valve	EACH	2	\$ 500.00	\$ 1,000.00	2.00	\$ 1,000.00	100%		\$ -
26	6" M.J. Gate Valve	EACH	2	\$ 825.00	\$ 1,650.00	2.00	\$ 1,650.00	100%		\$ -
27	8" M.J. Gate Valve	EACH	2	\$ 1,300.00	\$ 2,600.00	2.00	\$ 2,600.00	100%		\$ -
28	12" MJ Gate Valve	EACH	33	\$ 1,500.00	\$ 49,500.00	33.00	\$ 49,500.00	100%		\$ -
29	Fire Hydrant Assembly	EACH	17	\$ 3,300.00	\$ 56,100.00	18.00	\$ 59,400.00	106%		\$ -
30	Private Fire Hydrant Assembly (Painted Red)	EACH	2	\$ 3,300.00	\$ 6,600.00	2.00	\$ 6,600.00	100%		\$ -
31	Flowable Fill	LS	1	\$ 26,910.00	\$ 26,910.00	0.64	\$ 17,222.40	64%		\$ -
32	2" Curb Stop with Auto Flusher and RIPRAP	LS	1	\$ 6,000.00	\$ 6,000.00	1.00	\$ 6,000.00	100%		\$ -
33	Water Meter Pits	LS	1	\$ 20,303.11	\$ 20,303.11	1.00	\$ 20,303.11	100%		\$ -
34	Concrete Encasement	LF	20	\$ 60.00	\$ 1,200.00	20.00	\$ 1,200.00	100%		\$ -
	<b>Waterline Sub Total</b>				<b>\$ 468,061.65</b>		<b>\$ 462,522.49</b>	<b>99%</b>		<b>\$ -</b>

	<b>Sanitary Sewer</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit cost</b>	<b>Total</b>					
35	8" SDR26 PVC granular embedment	LF	2,019	\$ 44.00	\$ 88,836.00	2,019.00	\$ 88,836.00	100%		\$ -
36	STD Manhole 4' DIA, 6' Depth	EACH	8	\$ 2,000.00	\$ 16,000.00	8.00	\$ 16,000.00	100%		\$ -
37	Extra Depth 4' DIA Manhole	VF	12.46	\$ 100.00	\$ 1,246.00	16.05	\$ 1,605.00	129%		\$ -
38	Drop Manhole 5' DIA 6' Depth	EACH	1	\$ 2,970.00	\$ 2,970.00	1.00	\$ 2,970.00	100%		\$ -
39	Extra Depth 5' DIA Manhole	VF	6.3	\$ 110.00	\$ 693.00	6.30	\$ 693.00	100%		\$ -
40	6" Service Line	EACH	4	\$ 500.00	\$ 2,000.00	4.00	\$ 2,000.00	100%		\$ -
41	Connect to Existing Manhole	EACH	1	\$ 500.00	\$ 500.00	1.00	\$ 500.00	100%		\$ -
42	Concrete Collars	EACH	7	\$ 570.00	\$ 3,990.00	7.00	\$ 3,990.00	100%		\$ -
43	Flowable Mortar Backfill	CY	403	\$ 70.00	\$ 28,210.00	560.00	\$ 39,200.00	139%		\$ -
44	Seed, Fertilize, Mulch and Erosion Netting	LS	1	\$ 5,500.00	\$ 5,500.00	1.00	\$ 5,500.00	100%		\$ -
45	Construction Staking	No Bid	No Bid	No Bid	No Bid					
46	Rip Rap Erosion Protection	LS	1	\$ 2,500.00	\$ 2,500.00	1.00	\$ 2,500.00	100%		\$ -
47	Concrete Encasement	LF	45	\$ 50.00	\$ 2,250.00	45.00	\$ 2,250.00	100%		\$ -
48	Impervious Ditch Check	LS	1	\$ 750.00	\$ 750.00	1.00	\$ 750.00	100%		\$ -
49	Polyurethane Manhole Lining	LS	1	\$ 7,397.50	\$ 7,397.50	1.00	\$ 7,397.50	100%		\$ -
	<b>Sanitary Sewer Sub Total</b>				<b>\$ 162,842.50</b>		<b>\$ 174,191.50</b>	<b>107%</b>		<b>\$ -</b>

**ESTIMATE OF WORK COMPLETE  
FOR PERIOD: March 2014**

DATE: March 31, 2014

ESTIMATE No.: 8

PROJECT LOCATION: Rock Chalk Site Work

ESTIMATE ON LUMP SUM & GRADING ITEMS

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				UNIT PRICE	AMOUNT	UNIT	AMOUNT		UNIT	AMOUNT
<b>Storm Sewer</b>		<b>Unit</b>	<b>Quantity</b>	<b>Unit cost</b>	<b>Total</b>					
50	15" HDPE	LF	38	\$ 23.75	\$ 902.50	38.00	\$ 902.50	100%		\$ -
51	15" Reinforced Concrete Pipe	LF	79	\$ 24.75	\$ 1,955.25	79.00	\$ 1,955.25	100%		\$ -
52	18" HDPE	LF	87	\$ 24.00	\$ 2,088.00	87.00	\$ 2,088.00	100%		\$ -
53	18" Reinforced Concrete Pipe	LF	76	\$ 25.00	\$ 1,900.00	76.00	\$ 1,900.00	100%		\$ -
54	24" HDPE	LF	706	\$ 30.00	\$ 21,180.00	706.00	\$ 21,180.00	100%		\$ -
55	24" Reinforced Concrete Pipe	LF	38	\$ 32.00	\$ 1,216.00	38.00	\$ 1,216.00	100%		\$ -
56	30" HDPE	LF	19	\$ 39.00	\$ 741.00	19.00	\$ 741.00	100%		\$ -
57	48" Reinforced Concrete Pipe	LF	103	\$ 105.00	\$ 10,815.00	103.00	\$ 10,815.00	100%		\$ -
58	15" RCP End Section	EACH	1	\$ 450.00	\$ 450.00	1.00	\$ 450.00	100%		\$ -
59	30" RCP End Section	EACH	1	\$ 450.00	\$ 450.00	1.00	\$ 450.00	100%		\$ -
60	48" RCP End Section	EACH	2	\$ 1,900.00	\$ 3,800.00	2.00	\$ 3,800.00	100%		\$ -
61	5'x4' Curb Inlet	EACH	6	\$ 2,025.00	\$ 12,150.00	6.00	\$ 12,150.00	100%		\$ -
62	10'x4' Curb Inlet	EACH	3	\$ 3,252.00	\$ 9,756.00	3.00	\$ 9,756.00	100%		\$ -
63	4'x4' Junction Box	EACH	1	\$ 2,185.00	\$ 2,185.00	1.00	\$ 2,185.00	100%		\$ -
64	18" NOM DIA Rip Rap	SY	84	\$ 25.00	\$ 2,100.00	84.00	\$ 2,100.00	100%		\$ -
65	Flowable fill	LS	1	\$ 11,000.00	\$ 11,000.00	1.00	\$ 11,000.00	100%		\$ -
<b>Storm Sewer Sub Total</b>					<b>\$ 82,688.75</b>		<b>\$ 82,688.75</b>	<b>100%</b>		<b>\$ -</b>
<b>Parking Lot Lights</b>		<b>Unit</b>	<b>Quantity</b>	<b>Unit cost</b>	<b>Total</b>					
66	LED - Dual Fixtures	LS	1	\$ 120,000.00	\$ 120,000.00		\$ -	0%		\$ -
67	Pole Bases	LS	1	\$ 25,000.00	\$ 25,000.00		\$ -	0%		\$ -
68	Conduit	LS	1	\$ 40,000.00	\$ 40,000.00	0.80	\$ 32,000.00	80%		\$ -
69	Conduit Westar	LS	1	\$ 25,000.00	\$ 25,000.00	0.50	\$ 12,500.00	50%		\$ -
70	Conduit for Fiber	LF	1	\$ -	\$ -		\$ -	0%		\$ -
71	Electric Service - labor	LS	1	\$ 30,000.00	\$ 30,000.00		\$ -	0%		\$ -
<b>Parking Lot Lights Sub Total</b>					<b>\$ 240,000.00</b>		<b>\$ 44,500.00</b>	<b>19%</b>		<b>\$ -</b>
<b>Landscaping</b>		<b>Unit</b>	<b>Quantity</b>	<b>Unit cost</b>	<b>Total</b>					
72	Trees	EACH	450	\$ 425.00	\$ 191,250.00	208.00	\$ 88,400.00	46%	208.00	\$ 88,400.00
73	Shrubs	EACH	710	\$ 60.00	\$ 42,600.00	24.00	\$ 1,440.00	3%	24.00	\$ 1,440.00
74	Site Entry signs	LS	1	\$ 150,000.00	\$ 150,000.00		\$ -	0%		\$ -
75	Irrigation	LS	1	\$ 100,000.00	\$ 100,000.00	0.75	\$ 75,000.00	75%	0.25	\$ 25,000.00



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ESTIMATE ON LUMP SUM & GRADING ITEMS

ITEM	DESCRIPTION	UNIT	QUANTITY	CONTRACTED		COMPLETED TO DATE		Percent Complete	COMPLETED THIS PAY PERIOD	
				UNIT PRICE	AMOUNT	UNIT	AMOUNT		UNIT	AMOUNT
76	Misc	LS	1	\$ 100,000.00	\$ 100,000.00		\$ -	0%		\$ -
	<b>Landscaping Sub Total</b>				<b>\$ 583,850.00</b>		<b>\$ 164,840.00</b>	<b>28%</b>		<b>\$ 114,840.00</b>

	<b>Rock Chalk Drive &amp; George Williams</b>	Unit	Quantity	Unit cost	Total					
77	Unclassified excavation	CY	15,934	\$ 5.00	\$ 79,670.00	15,934.00	\$ 79,670.00	100%		\$ -
78	Compacted fill	CY	1,790	\$ 1.00	\$ 1,790.00	1,790.00	\$ 1,790.00	100%		\$ -
79	Site restoration	LS	1	\$ 5,000.00	\$ 5,000.00		\$ -	0%		\$ -
80	10" NRDJ Portland cement conc pave	SY	9,758	\$ 55.00	\$ 536,690.00	9,493.00	\$ 522,115.00	97%	244.00	\$ 13,420.00
81	Type CG-1 Concrete curb & gutter	LF	6,257	\$ 16.00	\$ 100,112.00	6,005.00	\$ 96,080.00	96%	211.00	\$ 3,376.00
82	4" x 5' Concrete sidewalk	SY	40	\$ 30.00	\$ 1,200.00		\$ -	0%		\$ -
83	6" x 10' Fiber reinforced conc sdwk	SY	4,078	\$ 40.00	\$ 163,120.00	3,374.00	\$ 134,960.00	83%	3,374.00	\$ 134,960.00
84	Access ramps	EACH	13	\$ 1,000.00	\$ 13,000.00	8.00	\$ 8,000.00	62%	8.00	\$ 8,000.00
85	Compaction tests street	LS	5	\$ 100.00	\$ 500.00	5.00	\$ 500.00	100%		\$ -
86	Construction Staking	No Bid	No Bid	No Bid	No Bid					
87	Seed, Fertilize & Mulch	LS	1	\$ 4,000.00	\$ 4,000.00		\$ -	0%		\$ -
88	Clearing, Grubbing & Tree Removal	LS	1	\$ 1,250.00	\$ 1,250.00	1.00	\$ 1,250.00	100%		\$ -
89	Treatment of subgrade 12" fly ash & 4"AB3	SY	11,825	\$ 9.33	\$ 110,327.25	11,434.00	\$ 106,679.22	97%		\$ -
90	Erosion Control	LS	1	\$ 2,670.00	\$ 2,670.00	1.00	\$ 2,670.00	100%	1.00	\$ 2,670.00
91	Section Corner Monument Box	LS	1	\$ 1,000.00	\$ 1,000.00		\$ -	0%		\$ -
92	2" Conduit	LF	1,701	\$ 2.00	\$ 3,402.00		\$ -	0%		\$ -
93	4" Conduit	LF	997	\$ 2.00	\$ 1,994.00		\$ -	0%		\$ -
94	Traffic Control Signage	LS	1	\$ 500.00	\$ 500.00	1.00	\$ 500.00	100%	1.00	\$ 500.00
					<b>\$ 1,026,225.25</b>		<b>\$ 954,214.22</b>	<b>93%</b>		<b>\$ 162,926.00</b>

	<b>Overflow Parking Lot</b>	Unit	Quantity	Unit cost	Total					
95	Concrete access ramps	SY	464	\$ 50.00	\$ 23,200.00	281.00	\$ 14,050.00	61%	281.00	\$ 14,050.00
96	Lot Grading	LS	1	\$ 25,000.00	\$ 25,000.00		\$ -	0%		\$ -
97	Temporary Gravel Laydown	LS	1	\$ 20,000.00	\$ 20,000.00		\$ -	0%		\$ -
	<b>Overflow Parking Lot Sub Total</b>				<b>\$ 68,200.00</b>		<b>\$ 14,050.00</b>	<b>21%</b>		<b>\$ 14,050.00</b>

	<b>Parking Lot/ Access Drives</b>	Unit	Quantity	Unit cost	Total					
98	Concrete parking lot	SY	44,356	\$ 44.00	\$ 1,951,664.00	42,662.00	\$ 1,877,128.00	96%	887	\$ 39,028.00
99	CG-1 curb and gutter	LF	15,338	\$ 18.00	\$ 276,084.00	11,493.50	\$ 206,883.00	75%	2,607.50	\$ 46,935.00
100	Concrete parking and Bus lane	SY	7,337	\$ 50.00	\$ 366,850.00	5,515.00	\$ 275,750.00	75%	1,544.00	\$ 77,200.00

**ESTIMATE OF WORK COMPLETE  
FOR PERIOD: March 2014**

DATE: March 31, 2014

ESTIMATE No.: 8

PROJECT LOCATION: Rock Chalk Site Work

ESTIMATE ON LUMP SUM & GRADING ITEMS

ITEM	DESCRIPTION	UNIT	QUANTITY	CONTRACTED		COMPLETED TO DATE		Percent Complete	COMPLETED THIS PAY PERIOD	
				UNIT PRICE	AMOUNT	UNIT	AMOUNT		UNIT	AMOUNT
101	Fire lane / Access roads	SY	8,593	\$ 44.00	\$ 378,092.00		\$ -	0%		\$ -
102	Storm Sewer	LS	1	\$ 157,000.00	\$ 157,000.00	0.62	\$ 97,340.00	62%		\$ -
103	Trim Subgrade	SY	65,393	\$ 1.25	\$ 81,741.25	61,002.00	\$ 76,252.50	93%		\$ -
104	Treatment of subgrade - 12"Fly ash & 4" AB3	SY	65,425	\$ 9.33	\$ 610,415.25	46,887.00	\$ 437,455.71	72%		\$ -
<b>Parking Lot/ Access Drives Sub Total</b>						\$ 3,821,846.50		\$ 2,970,809.21	78%	\$ 163,163.00

Rock Chalk Lane and Rock Chalk Parkway		Unit	Quantity	Unit cost	Total					
105	Unclassified excavation	CY	3,017	\$ 5.00	\$ 15,085.00	3,017.00	\$ 15,085.00	100%		\$ -
106	Compacted fill	CY	2,920	\$ 1.00	\$ 2,920.00	2,920.00	\$ 2,920.00	100%		\$ -
107	Site restoration	LS	1	\$ 5,000.00	\$ 5,000.00		\$ -	0%		\$ -
108	8" NRDJ Portland cement	SY	9,524	\$ 50.00	\$ 476,200.00	8,556.00	\$ 427,800.00	90%	302.00	\$ 15,100.00
109	CG-1 curb and gutter	LF	5,109	\$ 16.00	\$ 81,744.00	4,646.00	\$ 74,336.00	91%	85.00	\$ 1,360.00
110	6" x 10' Fiber rec path	SY	5,163	\$ 40.00	\$ 206,520.00	3,029.00	\$ 121,160.00	59%	3,029.00	\$ 121,160.00
111	4" x 5' Sidewalk	SY	195	\$ 30.00	\$ 5,850.00		\$ -	0%		\$ -
112	Access ramps	EACH	51	\$ 1,000.00	\$ 51,000.00	26.00	\$ 26,000.00	51%	26.00	\$ 26,000.00
113	Treatment of subgrade - 12" fly ash & 4"AB3	SY	10,800	\$ 9.33	\$ 100,764.00	9,192.00	\$ 85,761.36	85%		\$ -
					\$ 945,083.00		\$ 753,062.36	80%		\$ 163,620.00

Chip and Seal County Road		Unit	Quantity	Unit cost	Total					
114	Chip and Seal	SY	10,000	\$ 1.80	\$ 18,000.00		\$ -	0%		\$ -
<b>Chip and Seal County Road Sub Total</b>					\$ 18,000.00		\$ -	0%		\$ -

Rec Center Pad		Unit	Quantity	Unit cost	Total					
115	Rock Excavation	CY	18,000	\$ 10.00	\$ 180,000.00	18,000.00	\$ 180,000.00	100%		\$ -
116	Dirt Excavation	CY	10,000	\$ 2.25	\$ 22,500.00	10,000.00	\$ 22,500.00	100%		\$ -
117	Compaction	CY	8,500	\$ 1.10	\$ 9,350.00	8,500.00	\$ 9,350.00	100%		\$ -
118	Fly Ash 18"	SY	12,000	\$ 8.00	\$ 96,000.00	12,000.00	\$ 96,000.00	100%		\$ -
119	AB3 Entire building Pad	SY	20,100	\$ 4.00	\$ 80,400.00	20,100.00	\$ 80,400.00	100%		\$ -
120	AB3 Additional depth rock area	SY	8,000	\$ 5.50	\$ 44,000.00	8,000.00	\$ 44,000.00	100%		\$ -
					\$ 432,250.00		\$ 432,250.00	100%		\$ -

<b>GRAND TOTAL</b>					<b>\$ 12,265,168.65</b>		<b>\$ 7,378,088.53</b>	60%		<b>\$ 618,599.00</b>
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**ESTIMATE OF WORK COMPLETE**

FOR PERIOD: March 2014

DATE: March 31, 2014

ESTIMATE No.: 8

PROJECT LOCATION: Rock Chalk Site Work

ESTIMATE ON LUMP SUM & GRADING ITEMS

ITEM	DESCRIPTION	UNIT	QUANTITY	CONTRACTED		COMPLETED TO DATE		Percent Complete	COMPLETED THIS PAY PERIOD	
				UNIT PRICE	AMOUNT	UNIT	AMOUNT		UNIT	AMOUNT
	General Total	\$	418,210.00	19%	\$	2,194,851.00				
	Site Grading Total	\$	750,500.00	88%	\$	850,500.00				
	Retention Ponds Total	\$	156,250.00	100%	\$	156,250.00				
	Eight Lighted Tennis Courts Total	\$	-	0%	\$	1,214,520.00				
	Waterline Total	\$	462,522.49	99%	\$	468,061.65				
	Sanitary Sewer Total	\$	174,191.50	107%	\$	162,842.50				
	Storm Sewer Total	\$	82,688.75	100%	\$	82,688.75				
	Parking Lot Lights Total	\$	44,500.00	19%	\$	240,000.00				
	Landscaping Total	\$	164,840.00	28%	\$	583,850.00				
	Rock Chalk Drive and George Williams Way Total	\$	954,214.22	93%	\$	1,026,225.25				
	Overflow Parking Lot Total	\$	14,050.00	21%	\$	68,200.00				
	Parking Lot/ Access Drives Total	\$	2,970,809.21	78%	\$	3,821,846.50				
	Rock Chalk Lane and Rock Chalk Parkway Total	\$	753,062.36	80%	\$	945,083.00				
	Chip and Seal County Road Total	\$	-	0%	\$	18,000.00				
	Rec Center Pad Total	\$	432,250.00	100%	\$	432,250.00				
	<b>Grand Total</b>	<b>\$</b>	<b>7,378,088.53</b>	<b>60%</b>	<b>\$</b>	<b>12,265,168.65</b>				

CHANGE ORDERS:				CONTRACTED		COMPLETED TO DATE		Percent Complete	COMPLETED THIS PAY PERIOD	
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT	AMOUNT		UNIT	AMOUNT
1	4" Conduit	LF	10000		\$ -	7737	\$ -		\$ -	
2	3" Conduit for Security Cameras	LF	600		\$ -	600	\$ -		\$ -	
3	Treatment of subgrade 9" flyash RCD & GWW	SY	11825		\$ -	11211	\$ -	95%	\$ -	
4	12" HDPE Storm Pipe	LF	42		\$ -	42	\$ -	100%	\$ -	
5	12" CMP End Section	EA	1		\$ -	1	\$ -	100%	\$ -	
6	Subgrade 12" Crushed Conc. Parking Lot	SY			\$ -	5998	\$ -		\$ -	
<b>CHANGE ORDER TOTAL:</b>					<b>\$ -</b>		<b>\$ -</b>		<b>\$ -</b>	

<b>GRAND TOTAL</b>					<b>\$ 12,265,168.65</b>		<b>\$ 7,378,088.53</b>		<b>\$ 618,599.00</b>
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**ESTIMATE OF WORK COMPLETE  
FOR PERIOD: March 2014**

**DATE: March 31, 2014**

**ESTIMATE No.: 8**

**PROJECT LOCATION: Rock Chalk Site Work**

**ESTIMATE ON LUMP SUM & GRADING ITEMS**

ITEM	DESCRIPTION	UNIT	QUANTITY	CONTRACTED		COMPLETED TO DATE		Percent Complete	COMPLETED THIS PAY PERIOD	
				UNIT PRICE	AMOUNT	UNIT	AMOUNT		UNIT	AMOUNT

**AMOUNT OF CURRENT CONTRACT: \$ 12,265,168.65**

AMOUNT OF ORIGINAL CONTRACT: \$ 12,265,168.65

TOTAL WORK COMPLETED TO DATE: \$ 7,378,088.53

TOTAL PREVIOUS PAYMENTS: \$ -

AMOUNT COMPLETED THIS PAY PERIOD: \$ 618,599.00