

Rock Chalk Park - Infrastructure Report

October 2013

The following report is the fourth 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. Concrete pavement work on George Williams Way deviated from plans and is detailed in this report. Quantities of work completed have been measured by the City and provided to Bliss Sports. There have been no changes to the design, scope, functionality or amenities of the infrastructure plans. Infrastructure improvements appear to be on or ahead of schedule.

City staff has some concern over the concrete finishing work that some concrete has not been sawcut in a timely manner, sufficiently covered with cure or covered with cold weather concrete blankets. The city specifications for concrete have been provided to Bliss Sports and Public Works staff met with Bliss Sports to discuss concerns on November 14th. There have been a few panels of concrete in the parking lot that have cracked and both parties have agreed to address the appropriate repairs after all concrete work is complete. Pictures are included in this report.



General

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

Site Grading

- No additional grading work in October
- 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 be done at end of project

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 work has begun

Waterline

- Approximately 88% of the waterline work has been completed
- Installed 444 feet of 12 inch water main installed (752 feet remaining to install)
- Installed 2 – 12 inch MJ gate vales (5 remaining to install)
- Installed 16 CY of flowable fill; 239 CY total flowable fill through September

Sanitary Sewer

- One drop Manhole 5' Diameter 6' Depth was installed in October
- 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

- Storm sewer work with the public improvement on George Williams Way and Rock Chalk Drive began in October and 89% of the work items are complete.
- Sizes, materials and quantities have matched plans and specifications for storm sewer work.

Parking Lot Lights

- No additional work on parking lot lights in October
- 80% of the Conduit for lights and 50% of the Conduit for Westar has been installed

Landscaping

- No additional work on landscaping in October
- Approximately 50% of the irrigation pipe has been installed for the parking lot islands

Rock Chalk Drive & George Williams

- Unclassified excavation was 100% complete for these streets in October and the full quantity 15,934 CY is assumed to be correct.



Grading & rock excavation for Rock Chalk Drive



- Compacted fill was estimated to be 75% complete.
- Treatment of subgrade was measured at 75% complete.
- Concrete pavement construction began on the George Williams Drive extension in early November. After completion of the first half (southbound lane) of the street city inspection staff noted that the incorrect longitudinal tie bars were installed. Approved submittals called for epoxy coated #5 bars (5/8" diameter) at 30" spacing. The contractor installed non-epoxy #4 bars (1/2" diameter) at 24" spacing. Prior to concrete installation on the other half of street (northbound lane), city staff and contractor agreed to leave tie bars and paint epoxy on the exposed half of the bar. The epoxy will help prevent corrosion due to salt. Additionally, the plans specified 10" thick concrete

and the average measured thickness on the edge of pavement was 9" to 9.5". Concrete pavement cores will be taken at various areas of the pavement to confirm an average and a recommendation on payment will be made at a later date.



Longitudinal tie-bars on GWW



Overflow Parking Lot

- No work has begun

Parking Lot/Access Drives

- Concrete paving in parking lot began in September. 16,319 CY of concrete paving was complete in October. City staff has seen a few areas that will need to be removed and replaced due to edge chipping and spalling; some panels with edge chipping have been cut out and repaired. Cracks have occurred in isolated panels and a determination on repair will be made in the future.





Work complete through October



Joint Spalling



Cracked panels

Rock Chalk Lane and Rock Chalk Parkway

- 6235 SY of 8" concrete pavement was complete in October
- 4156 LF of curb and gutter was installed in October



Rock Chalk Parkway

Chip and Seal County Road

- No work has begun

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)
- Unit costs for change order 1 & 2 have not yet been provided by Bliss Sports.

ESTIMATE OF WORK COMPLETE

FOR PERIOD: October 2013

DATE: October 31, 2013

ESTIMATE No.: 4

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%		\$ -
General Sub Total					\$ 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%		\$ -
Site Grading Sub Total					\$ 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%		\$ -
Retention Ponds Sub Total					\$ 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%		\$ -
Trails and Tennis Courts Sub Total					\$ 1,214,520.00		\$ -	0%		\$ -

ESTIMATE OF WORK COMPLETE

FOR PERIOD: October 2013

DATE: October 31, 2013

ESTIMATE No.: 4

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
	Waterline	Unit	Quantity	Unit cost	Total					
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	6,890.00	\$ 254,034.30	90%	444.00	\$ 16,370.28
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	28.00	\$ 42,000.00	85%	2.00	\$ 3,000.00
29	Fire Hydrant Assembly	EACH	17	\$ 3,300.00	\$ 56,100.00	16.00	\$ 52,800.00	94%		\$ -
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	0.62	\$ 16,684.20	62%	0.04	\$ 1,076.40
32	2" Curb Stop with Auto Flusher and RIPRAP	LS	1	\$ 6,000.00	\$ 6,000.00	-	\$ -	0%		\$ -
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	-	\$ -	0%		\$ -
	Waterline Sub Total				\$ 468,061.65		\$ 412,515.61	88%		\$ 20,446.68

	Sanitary Sewer	Unit	Quantity	Unit cost	Total					
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	18.66	\$ 1,866.00	150%		\$ -
38	Drop Manhole 5' DIA 6' Depth	EACH	1	\$ 2,970.00	\$ 2,970.00	1.00	\$ 2,970.00	100%	1.00	\$ 2,970.00
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	558.00	\$ 39,060.00	138%		\$ -
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%		\$ -
	Sanitary Sewer Sub Total				\$ 162,842.50		\$ 174,312.50	107%		\$ 2,970.00

ESTIMATE OF WORK COMPLETE

FOR PERIOD: October 2013

DATE: October 31, 2013

ESTIMATE No.: 4

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
	Storm Sewer	Unit	Quantity	Unit cost	Total					
50	15" HDPE	LF	38	\$ 23.75	\$ 902.50	38.00	\$ 902.50	100%	38.00	\$ 902.50
51	15" Reinforced Concrete Pipe	LF	79	\$ 24.75	\$ 1,955.25		\$ -	0%		\$ -
52	18" HDPE	LF	87	\$ 24.00	\$ 2,088.00	87.00	\$ 2,088.00	100%	87.00	\$ 2,088.00
53	18" Reinforced Concrete Pipe	LF	76	\$ 25.00	\$ 1,900.00	76.00	\$ 1,900.00	100%	76.00	\$ 1,900.00
54	24" HDPE	LF	706	\$ 30.00	\$ 21,180.00	706.00	\$ 21,180.00	100%	706.00	\$ 21,180.00
55	24" Reinforced Concrete Pipe	LF	38	\$ 32.00	\$ 1,216.00	38.00	\$ 1,216.00	100%	38.00	\$ 1,216.00
56	30" HDPE	LF	19	\$ 39.00	\$ 741.00	19.00	\$ 741.00	100%	19.00	\$ 741.00
57	48" Reinforced Concrete Pipe	LF	103	\$ 105.00	\$ 10,815.00	103.00	\$ 10,815.00	100%	103.00	\$ 10,815.00
58	15" RCP End Section	EACH	1	\$ 450.00	\$ 450.00		\$ -	0%		\$ -
59	30" RCP End Section	EACH	1	\$ 450.00	\$ 450.00	1.00	\$ 450.00	100%	1.00	\$ 450.00
60	48" RCP End Section	EACH	2	\$ 1,900.00	\$ 3,800.00	2.00	\$ 3,800.00	100%	2.00	\$ 3,800.00
61	5'x4' Curb Inlet	EACH	6	\$ 2,025.00	\$ 12,150.00	4.00	\$ 8,100.00	67%	4.00	\$ 8,100.00
62	10'x4' Curb Inlet	EACH	3	\$ 3,252.00	\$ 9,756.00	3.00	\$ 9,756.00	100%	3.00	\$ 9,756.00
63	4'x4' Junction Box	EACH	1	\$ 2,185.00	\$ 2,185.00	1.00	\$ 2,185.00	100%	1.00	\$ 2,185.00
64	18"NOM DIA Rip Rap	SY	84	\$ 25.00	\$ 2,100.00	84.00	\$ 2,100.00	100%	84.00	\$ 2,100.00
65	Flowable fill	LS	1	\$ 11,000.00	\$ 11,000.00	0.75	\$ 8,250.00	75%	0.75	\$ 8,250.00
	Storm Sewer Sub Total				\$ 82,688.75		\$ 73,483.50	89%		\$ 73,483.50

	Parking Lot Lights	Unit	Quantity	Unit cost	Total					
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%		\$ -
	Parking Lot Lights Sub Total				\$ 240,000.00		\$ 44,500.00	19%		\$ -

	Landscaping	Unit	Quantity	Unit cost	Total					
72	Trees	EACH	450	\$ 425.00	\$ 191,250.00		\$ -	0%		\$ -
73	Shrubs	EACH	710	\$ 60.00	\$ 42,600.00		\$ -	0%		\$ -
74	Site Entry signs	LS	1	\$ 150,000.00	\$ 150,000.00		\$ -	0%		\$ -
75	Irrigation	LS	1	\$ 100,000.00	\$ 100,000.00	0.50	\$ 50,000.00	50%		\$ -

ESTIMATE OF WORK COMPLETE

FOR PERIOD: October 2013

DATE: October 31, 2013

ESTIMATE No.: 4

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
76	Misc	LS	1	\$ 100,000.00	\$ 100,000.00		\$ -	0%		\$ -
	Landscaping Sub Total				\$ 583,850.00		\$ 50,000.00	9%		\$ -

	Rock Chalk Drive & George Williams	Unit	Quantity	Unit cost	Total					
77	Unclassified excavation	CY	15,934	\$ 5.00	\$ 79,670.00	15,934.00	\$ 79,670.00	100%	7,967.00	\$ 39,835.00
78	Compacted fill	CY	1,790	\$ 1.00	\$ 1,790.00	1,342.50	\$ 1,342.50	75%	1,342.50	\$ 1,342.50
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		\$ -	0%		\$ -
81	Type CG-1 Concrete curb & gutter	LF	6,257	\$ 16.00	\$ 100,112.00		\$ -	0%		\$ -
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		\$ -	0%		\$ -
84	Access ramps	EACH	13	\$ 1,000.00	\$ 13,000.00		\$ -	0%		\$ -
85	Compaction tests street	LS	5	\$ 100.00	\$ 500.00		\$ -	0%		\$ -
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	8,868.75	\$ 82,745.44	75%	8,868.75	\$ 82,745.44
90	Erosion Control	LS	1	\$ 2,670.00	\$ 2,670.00		\$ -	0%		\$ -
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		\$ -	0%		\$ -
					\$ 1,026,225.25		\$ 165,007.94	16%		\$ 123,922.94

	Overflow Parking Lot	Unit	Quantity	Unit cost	Total					
95	Concrete access ramps	SY	464	\$ 50.00	\$ 23,200.00		\$ -	0%		\$ -
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%		\$ -
	Overflow Parking Lot Sub Total				\$ 68,200.00		\$ -	0%		\$ -

	Parking Lot/ Access Drives	Unit	Quantity	Unit cost	Total					
98	Concrete parking lot	SY	44,356	\$ 44.00	\$ 1,951,664.00	39,643.00	\$ 1,744,292.00	89%	13,619	\$ 599,236.00
99	CG-1 curb and gutter	LF	15,338	\$ 18.00	\$ 276,084.00		\$ -	0%		\$ -
100	Concrete parking and Bus lane	SY	7,337	\$ 50.00	\$ 366,850.00		\$ -	0%		\$ -

**ESTIMATE OF WORK COMPLETE
FOR PERIOD: October 2013**

DATE: October 31, 2013

ESTIMATE No.: 4

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	55,004.00	\$ 68,755.00	84%		\$ -
104	Treatment of subgrade - 12"Fly ash & 4" AB3	SY	65,425	\$ 9.33	\$ 610,415.25	46,887.00	\$ 437,455.71	72%		\$ -
Parking Lot/ Access Drives Sub Total						\$ 3,821,846.50		\$ 2,347,842.71	61%	\$ 599,236.00

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	6,235.00	\$ 311,750.00	65%	6,235.00	\$ 311,750.00
109	CG-1 curb and gutter	LF	5,109	\$ 16.00	\$ 81,744.00	4,156.00	\$ 66,496.00	81%	4,156.00	\$ 66,496.00
110	6" x 10' Fiber rec path	SY	5,163	\$ 40.00	\$ 206,520.00		\$ -	0%		\$ -
111	4" x 5' Sidewalk	SY	195	\$ 30.00	\$ 5,850.00		\$ -	0%		\$ -
112	Access ramps	EACH	51	\$ 1,000.00	\$ 51,000.00		\$ -	0%		\$ -
113	Treatment of subgrade - 12" fly ash & 4"AB3	SY	10,800	\$ 9.33	\$ 100,764.00	8,117.00	\$ 75,731.61	75%		\$ -
					\$ 945,083.00		\$ 471,982.61	50%		\$ 378,246.00

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

GRAND TOTAL	\$ 12,265,168.65		\$ 5,496,854.87	45%	\$ 1,198,305.12
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ESTIMATE OF WORK COMPLETE

FOR PERIOD: October 2013

DATE: October 31, 2013

ESTIMATE No.: 4

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	\$	412,515.61	88%	\$	468,061.65				
	Sanitary Sewer Total	\$	174,312.50	107%	\$	162,842.50				
	Storm Sewer Total	\$	73,483.50	89%	\$	82,688.75				
	Parking Lot Lights Total	\$	44,500.00	19%	\$	240,000.00				
	Landscaping Total	\$	50,000.00	9%	\$	583,850.00				
	Rock Chalk Drive and George Williams Way Total	\$	165,007.94	16%	\$	1,026,225.25				
	Overflow Parking Lot Total	\$	-	0%	\$	68,200.00				
	Parking Lot/ Access Drives Total	\$	2,347,842.71	61%	\$	3,821,846.50				
	Rock Chalk Lane and Rock Chalk Parkway Total	\$	471,982.61	50%	\$	945,083.00				
	Chip and Seal County Road Total	\$	-	0%	\$	18,000.00				
	Rec Center Pad Total	\$	432,250.00	100%	\$	432,250.00				
	Grand Total	\$	5,496,854.87	45%	\$	12,265,168.65				

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					\$ -		\$ -		\$ -	
4					\$ -		\$ -		\$ -	
5					\$ -		\$ -		\$ -	
6					\$ -		\$ -		\$ -	
CHANGE ORDER TOTAL:					\$ -		\$ -		\$ -	

GRAND TOTAL					\$ 12,265,168.65		\$ 5,496,854.87		\$ 1,198,305.12
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**ESTIMATE OF WORK COMPLETE
FOR PERIOD: October 2013**

DATE: October 31, 2013

ESTIMATE No.: 4

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: \$ 5,496,854.87

TOTAL PREVIOUS PAYMENTS: \$ -

AMOUNT COMPLETED THIS PAY PERIOD: \$ 1,198,305.12