

Rock Chalk Park - Infrastructure Report

July 2014

The following report is the twelfth 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. Green highlighted items on the spreadsheet have been measured by city inspection staff and yellow 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 percent complete column is based on measured versus plan quantities. The blue highlighted items are complete - plan quantity (100%), under plan quantity (<100%) or over plan quantity (>100%).

City Staff has been meeting with Bliss Sports bi-weekly about infrastructure throughout the project. 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 are almost complete and staff has been working on providing punch list items. At the end of July \$9,394,550.25 of the \$12,265,168.65 total cost of infrastructure work was complete, approximately 77%.

July 25th & August 6th Public Works staff, KU Endowment and Bliss Sports conducted two walkthroughs to generate a punch list for items to be complete for acceptance of the infrastructure work. The areas on the two walkthroughs covered all of the streets and parking lots except for the lots and drives just south of the city recreation facility, where equipment and materials are still being stored. The punch lists are attached at the end of the report.

General

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

Site Grading

- 100% of site strip, site excavation, compaction and rock excavation work is complete; all quantities are assumed to be plan quantity.
- Additional site grading was complete in July. The only remaining site grading work is to complete fine grading around recreation center and nearby parking islands.

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

- The post-tension concrete for the tennis courts was completed in July.
- Work on the asphalt milling and concrete trails continued in July and is being inspected by Parks & Recreation Department.

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

- Parking lot lights were completed in July.

Landscaping

- 606 trees and 620 shrubs have been planted on the site through July. Additional landscape work will occur in August around the rec center building.
- The construction of the site entry sign began in July and was 50% complete at the end of the month.

Rock Chalk Drive & George Williams

- All work is complete on Rock Chalk Drive and George Williams Way, with the exception of a section corner monument box. Quantities measured for concrete pavement, curb and gutter, and sidewalk are less than plan quantity per the development agreement.
- Treatment of subgrade is measured to be 97% 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

- The overflow parking lot was graded and access pavement was installed in July.
- Work to complete Overflow Parking Lot is 100% complete as of July 2014
- Summary of Costs:
 - Cost per development agreement: \$68,200.00
 - Final construction cost: \$65,400.00

Parking Lot/Access Drives

- Work to complete Parking Lot/Access Drives is 100% complete as of July 2014
- All of the measured quantities were less than plan quantity from development agreement.
- 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.

- Summary of Costs:
 - Cost per development agreement: \$3,821,846.50
 - Final construction cost: \$3,269,960.15

Rock Chalk Lane and Rock Chalk Parkway

- 818 SY of 6" x 10' fiber rec path was installed in July.
- 41 SY of 4" sidewalk and 1 access ramp was installed in July.
- The remaining work for this section is around the recreation center.

Chip and Seal County Road

- The chip and seal of E. 902 Rd was done in July and measured at 9000 SY.
- Work to complete Chip and Seal County Road is 100% complete as of July 2014
- Summary of Costs:
 - Cost per development agreement: \$18,000.00
 - Final construction cost: \$16,200.00

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.

DATE: July 31, 2014

ESTIMATE No.: 12

PROJECT LOCATION: Rock Chalk Site Work

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

MEASURED

ESTIMATE ON ITEMS

ITEM COMPLETE

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	1.00	\$ 400,000.00	100%		\$ -
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	1.00	\$ 5,000.00	100%		\$ -
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		\$ 523,210.00	24%		\$ -

	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	9,000.00	\$ 90,000.00	90%	1,500.00	\$ 15,000.00
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		\$ 840,500.00	99%		\$ 15,000.00

	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	0.80	\$ 512,000.00	80%	0.70	\$ 448,000.00
22	Retaining Walls at Tennis Courts	LS	1	\$ 170,000.00	\$ 170,000.00	1.00	\$ 170,000.00	100%		\$ -
23	Natural trail 10' Approx. 5 = miles	SY	33,710	\$ 12.00	\$ 404,520.00	23,500.00	\$ 282,000.00	70%	22,272.00	\$ 267,264.00
	Trails and Tennis Courts Sub Total				\$ 1,214,520.00		\$ 964,000.00	79%		\$ 715,264.00

DATE: July 31, 2014

ESTIMATE No.: 12

PROJECT LOCATION: Rock Chalk Site Work

ESTIMATE OF WORK COMPLETE
FOR PERIOD: July 2014

MEASURED
ESTIMATE ON ITEMS
ITEM COMPLETE

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	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%		\$ -
	Waterline Sub Total				\$ 468,061.65		\$ 462,522.49	99%		\$ -
	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	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%		\$ -
	Sanitary Sewer Sub Total				\$ 162,842.50		\$ 174,191.50	107%		\$ -

DATE: July 31, 2014

ESTIMATE No.: 12

PROJECT LOCATION: Rock Chalk Site Work

ESTIMATE OF WORK COMPLETE
FOR PERIOD: July 2014

MEASURED
ESTIMATE ON ITEMS
ITEM COMPLETE

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%		\$ -
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%		\$ -
	Storm Sewer Sub Total				\$ 82,688.75		\$ 82,688.75	100%		\$ -
	Parking Lot Lights	Unit	Quantity	Unit cost	Total					
66	LED - Dual Fixtures	LS	1	\$ 120,000.00	\$ 120,000.00	1.00	\$ 120,000.00	100%	0.31	\$ 37,200.00
67	Pole Bases	LS	1	\$ 25,000.00	\$ 25,000.00	1.00	\$ 25,000.00	100%	0.31	\$ 7,750.00
68	Conduit	LS	1	\$ 40,000.00	\$ 40,000.00	1.00	\$ 40,000.00	100%	0.20	\$ 8,000.00
69	Conduit Westar	LS	1	\$ 25,000.00	\$ 25,000.00	1.00	\$ 25,000.00	100%	0.50	\$ 12,500.00
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		\$ 210,000.00	88%		\$ 65,450.00
	Landscaping	Unit	Quantity	Unit cost	Total					
72	Trees	EACH	450	\$ 425.00	\$ 191,250.00	606.00	\$ 257,550.00	135%	190.00	\$ 80,750.00
73	Shrubs	EACH	710	\$ 60.00	\$ 42,600.00	620.00	\$ 37,200.00	87%	204.00	\$ 12,240.00
74	Site Entry signs	LS	1	\$ 150,000.00	\$ 150,000.00	0.50	\$ 75,000.00	50%	0.50	\$ 75,000.00
75	Irrigation	LS	1	\$ 100,000.00	\$ 100,000.00	0.90	\$ 90,000.00	90%	0.10	\$ 10,000.00

DATE: July 31, 2014

ESTIMATE No.: 12

PROJECT LOCATION: Rock Chalk Site Work

ESTIMATE OF WORK COMPLETE
FOR PERIOD: July 2014

MEASURED
ESTIMATE ON ITEMS
ITEM COMPLETE

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		\$ 459,750.00	79%		\$ 177,990.00

	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%		\$ -
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	1.00	\$ 5,000.00	100%	0.10	\$ 500.00
80	10" NRDJ Portland cement conc pave	SY	9,758	\$ 55.00	\$ 536,690.00	9,493.00	\$ 522,115.00	97%		\$ -
81	Type CG-1 Concrete curb & gutter	LF	6,257	\$ 16.00	\$ 100,112.00	6,005.00	\$ 96,080.00	96%		\$ -
82	4" x 5' Concrete sidewalk	SY	40	\$ 30.00	\$ 1,200.00	17.00	\$ 510.00	43%		\$ -
83	6" x 10' Fiber reinforced conc sdwk	SY	4,078	\$ 40.00	\$ 163,120.00	3,993.00	\$ 159,720.00	98%		\$ -
84	Access ramps	EACH	13	\$ 1,000.00	\$ 13,000.00	14.00	\$ 14,000.00	108%	1.00	\$ 1,000.00
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	1.00	\$ 4,000.00	100%		\$ -
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	-	\$ -	0%		\$ -
90	Erosion Control	LS	1	\$ 2,670.00	\$ 2,670.00	1.00	\$ 2,670.00	100%		\$ -
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%		\$ -
					\$ 1,026,225.25		\$ 887,805.00	87%		\$ 1,500.00

	Overflow Parking Lot	Unit	Quantity	Unit cost	Total					
95	Concrete access ramps	SY	464	\$ 50.00	\$ 23,200.00	408.00	\$ 20,400.00	88%	127.00	\$ 6,350.00
96	Lot Grading	LS	1	\$ 25,000.00	\$ 25,000.00	1.00	\$ 25,000.00	100%	0.25	\$ 6,250.00
97	Temporary Gravel Laydown	LS	1	\$ 20,000.00	\$ 20,000.00	1.00	\$ 20,000.00	100%		\$ -
	Overflow Parking Lot Sub Total				\$ 68,200.00		\$ 65,400.00	96%		\$ 12,600.00

	Parking Lot/ Access Drives	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%		\$ -
99	CG-1 curb and gutter	LF	15,338	\$ 18.00	\$ 276,084.00	14,549.00	\$ 261,882.00	95%		\$ -
100	Concrete parking and Bus lane	SY	7,337	\$ 50.00	\$ 366,850.00	6,645.00	\$ 332,250.00	91%		\$ -

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ESTIMATE ON ITEMS

ITEM COMPLETE

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	3,445.00	\$ 151,580.00	40%		\$ -
102	Storm Sewer	LS	1	\$ 157,000.00	\$ 157,000.00	0.66	\$ 104,232.30	66%	0.04	\$ 6,892.30
103	Trim Subgrade	SY	65,393	\$ 1.25	\$ 81,741.25	63,760.00	\$ 79,700.00	98%		\$ -
104	Treatment of subgrade - 12"Fly ash & 4" AB3	SY	65,425	\$ 9.33	\$ 610,415.25	49,645.00	\$ 463,187.85	76%		\$ -
Parking Lot/ Access Drives Sub Total					\$ 3,821,846.50		\$ 3,269,960.15	86%		\$ 6,892.30

	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	1.00	\$ 5,000.00	100%	1.00	\$ 5,000.00
108	8" NRDJ Portland cement	SY	9,524	\$ 50.00	\$ 476,200.00	8,556.00	\$ 427,800.00	90%		\$ -
109	CG-1 curb and gutter	LF	5,109	\$ 16.00	\$ 81,744.00	4,646.00	\$ 74,336.00	91%		\$ -
110	6" x 10' Fiber rec path	SY	5,163	\$ 40.00	\$ 206,520.00	4,682.00	\$ 187,280.00	91%	818.00	\$ 32,720.00
111	4" x 5' Sidewalk	SY	195	\$ 30.00	\$ 5,850.00	88.00	\$ 2,640.00	45%	41.00	\$ 1,230.00
112	Access ramps	EACH	51	\$ 1,000.00	\$ 51,000.00	49.00	\$ 49,000.00	96%	1.00	\$ 1,000.00
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		\$ 849,822.36	90%		\$ 39,950.00

	Chip and Seal County Road	Unit	Quantity	Unit cost	Total					
114	Chip and Seal	SY	10,000	\$ 1.80	\$ 18,000.00	9,000.00	\$ 16,200.00	90%	9,000.00	\$ 16,200.00
	Chip and Seal County Road Sub Total				\$ 18,000.00		\$ 16,200.00	90%		\$ 16,200.00

	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		\$ 9,394,550.25	77%		\$ 1,050,846.30
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DATE: July 31, 2014

ESTIMATE No.: 12

PROJECT LOCATION: Rock Chalk Site Work

ESTIMATE OF WORK COMPLETE

FOR PERIOD: July 2014

MEASURED

ESTIMATE ON ITEMS

ITEM COMPLETE

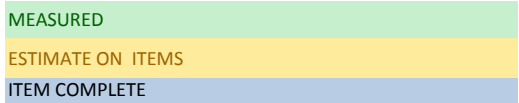
ITEM	DESCRIPTION	UNIT	QUANTITY	CONTRACTED		COMPLETED TO DATE		Percent Complete	COMPLETED THIS PAY PERIOD	
				UNIT PRICE	AMOUNT	UNIT	AMOUNT		UNIT	AMOUNT
	General Total	\$	523,210.00	24%	\$ 2,194,851.00					
	Site Grading Total	\$	840,500.00	99%	\$ 850,500.00					
	Retention Ponds Total	\$	156,250.00	100%	\$ 156,250.00					
	Eight Lighted Tennis Courts Total	\$	964,000.00	79%	\$ 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	\$	210,000.00	88%	\$ 240,000.00					
	Landscaping Total	\$	459,750.00	79%	\$ 583,850.00					
	Rock Chalk Drive and George Williams Way Total	\$	887,805.00	87%	\$ 1,026,225.25					
	Overflow Parking Lot Total	\$	65,400.00	96%	\$ 68,200.00					
	Parking Lot/ Access Drives Total	\$	3,269,960.15	86%	\$ 3,821,846.50					
	Rock Chalk Lane and Rock Chalk Parkway Total	\$	849,822.36	90%	\$ 945,083.00					
	Chip and Seal County Road Total	\$	16,200.00	90%	\$ 18,000.00					
	Rec Center Pad Total	\$	432,250.00	100%	\$ 432,250.00					
	Grand Total	\$	9,394,550.25	77%	\$ 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	Treatment of subgrade 9" flyash RCD & GWW	SY	11825		\$ -	11434	\$ -	97%		\$ -
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	\$ -			\$ -
CHANGE ORDER TOTAL:					\$ -		\$ -			\$ -

GRAND TOTAL					\$ 12,265,168.65		\$ 9,394,550.25			\$ 1,050,846.30
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DATE: July 31, 2014
ESTIMATE No.: 12
PROJECT LOCATION: Rock Chalk Site Work

ESTIMATE OF WORK COMPLETE
FOR PERIOD: July 2014



				CONTRACTED		COMPLETED TO DATE		Percent Complete	COMPLETED THIS PAY PERIOD	
ITEM	DESCRIPTION	UNIT	QUANTITY	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: \$ 9,394,550.25

TOTAL PREVIOUS PAYMENTS: \$ -

AMOUNT COMPLETED THIS PAY PERIOD: \$ 1,050,846.30

Rock Chalk Park

Punch List for Substantial Completion of Public Infrastructure in South Lot and surrounding areas.*

On the 25th of July, 2014 the City of Lawrence walked the area with representation from Bliss and KU Endowment. The following items were discussed as items necessary of attention prior to acceptance. Predominantly, items concerned infrastructure items. Items relevant to Planning Department, such as landscaping and lighting, were not all included in this list.

AREA

The areas included in this punch list are:

- County Road 902
- Rock Chalk Drive
- George Williams Way
- Rock Chalk Parkway
- Rock Chalk Lane (south of Rock Chalk Parkway)
- South Lot
- Soccer Lot
- Overflow Lot

PUNCH LIST

As a whole, the area needs to be cleaned of construction trash and dirt. Behind the curb, areas need to be carefully checked for nails and bits of wire.

- All paved areas need to be revisited for scraping of excess joint sealant and refill as necessary.
- All curb joints need to be sealed up and over the curb with appropriate sealant.

The rest of the items are divided by area.

County Road 902

No work necessary.

Rock Chalk Drive

- Clean up pile of chips (from chip and seal) on RCD.
- Clean up dirt ramp jumping curb near west end of RCD (or establish appropriate temporary traffic control).
- Repair chip in pavement by inlet near intersection of RCP + RCD by replacing ½ panel.
- Clean out storm inlets as needed.
- Backfill holes (and low spots) adjacent to sidewalk and storm sewer inlets.

- Repair broken curb on south side of RCD near the county road.
- Clean up concrete slobbers in driving lane.

George Williams Way

- Replace ½ panel in SBL of GWW at North end at small, patched section.
- Replace ½ panel in SBL of GWW at South end where cracked due to construction entrance.
- Fix left arrow sign currently missing a sign post.
- Replace at least ½ panels of sidewalk east of GWW where holes and poor finishing quality left deflections of ¼ inch or more. Estimated a dozen effected panels.
- Clean and top off core holes in driving lane.

Rock Chalk Parkway

- Backfill holes (and low spots) adjacent to sidewalk and storm sewer inlets.
- Seal curb crack at SE intersection of RCP and RCL.
- Replace curb at SE intersection of RCP and RCL (two cracks).
- Replace curb at NE intersection of RCP and RCL.
- Replace curb at South entry to North Lot on both east and west sides.

Rock Chalk Lane

- Replace broken sidewalk panel on the west side adjacent to the soccer field.
- Repair curb crack on east side between the overflow access drives.
- Recommended: install bollard on 20' wide sidewalk to keep cars off.

South Lot

- Grind and fill chipped areas with approved sealant.
- Route and seal missed cracks.
- Investigate and report cause of water seeping up through the joints (and sealant).
- Replace panel with crack and large chips in the northeast access drive.
- Clean area inlet and surrounding area north of the lot.
- Re-grade the ditch south of the lot for drainage.
- Clean sediment from rip rap in ditch east of lot.

Soccer Lot

- Repair curb chip adjacent to storm sewer inlet.
- This lot has noticeable removal of joint and crack sealant due to overfilling.

Overflow Lot

- Complete final grading.
- Complete site entry sign.
- Backfill access drives off Rock Chalk Lane.
- Seal joints on access drives off Rock Chalk Lane.
- Optional: install bollard on sidewalk ramp to Rock Chalk Lane to deter motorized use.

Rock Chalk Park

Punch List for Substantial Completion of Public Infrastructure in North and West Lots south of Rock Chalk Lane and surrounding areas.*

August 6th, 2014 the City of Lawrence walked the area with representation from Bliss and KU Endowment. The following items were discussed as items necessary of attention prior to acceptance. Predominantly, items concerned infrastructure items. Items relevant to Planning Department, such as landscaping and lighting, were not all included in this list. Items related to Parks and Rec, including the tennis court and natural trails, were also not included.

AREA

The areas included in this punch list are:

- Rock Chalk Parkway
- Rock Chalk Lane
- West Lot
- North Lot (only as far north as RCL)
- East Pond

PUNCH LIST

As a whole, the area needs to be cleaned of construction trash and dirt. Behind the curb, areas need to be carefully checked for nails and bits of wire.

- All paved areas need to be revisited for scraping of excess joint sealant and refill as necessary.
- All curb joints need to be sealed up and over the curb with appropriate sealant.

The rest of the items are divided by area.

Rock Chalk Lane

- Clean out storm inlets as needed.
- Backfill holes (and low spots) adjacent to sidewalk and storm sewer inlets.
- Replace cracked panels.

Rock Chalk Parkway

- Clean out storm inlets as needed.
- Backfill holes (and low spots) adjacent to sidewalk and storm sewer inlets.
- Clean up dirt curb ramp at GWW.

North Lot

- Route and seal missed cracks that are relatively straight through a panel.

- Replace half panels with cracks creating small or triangular shapes.
- Clean out storm inlets as needed.
- Landscape northeast corner, south of the tennis courts.

West Lot

- Repair broken curb.
- Seal missed cracks.

East Pond

- Dredge silt and re-grade to original volume.
- Clean rip rap of silt from each end pipe draining into the area.
- Remove 100ft of limestone aggregate sidewalk at West end of dam.
- Seed and mulch backfill on sides of sidewalk over dam.
- Remove rock and debris pile from east of the pond.