

North Boone High School Stadium Study  
Poplar Grove, IL  
Conceptual Design Cost Estimate Summary  
Proposal No. 9912-499

Site Area= 374,000 SF  
Building Area = 3,011 SF

CSI	DESCRIPTION	ORIGINAL BUILDING COSTS		ORIGINAL SITE COSTS	COST REDUCTION OPTIONS	COMMENTS
		AMOUNT	COST / SF		AMOUNT	
2015	Survey	\$ -	\$ -	\$ 5,000	\$ 5,000	
2100	Site Excavation and Backfill			\$ 372,100	\$ 372,100	
2220	Building Excavation and Backfill	\$ 5,300	\$ 1.76		\$ -	Concessions/restrooms eliminated
2480	Landscape (softscape and hardscape)			\$ 60,100	\$ 60,100	
2500	Site Utilities			\$ 535,300	\$ 535,300	
2510	Asphalt Paving			\$ 477,800	\$ 390,425	Crushed stone at visitors, less asphalt
2520	Site Concrete			\$ 67,100	\$ 67,100	
2835	Ornamental Metal Fence / Gates			\$ 127,200	\$ 127,200	
3300	Building Concrete	\$ 37,400	\$ 12.42		\$ -	Concessions/restrooms eliminated
4200	Masonry	\$ 83,900	\$ 27.86		\$ -	Concessions/restrooms eliminated
5100	Steel and Miscellaneous Iron			\$ 5,000	\$ 5,000	
6100	Rough Carpentry	\$ 4,300	\$ 1.43		\$ -	Concessions/restrooms eliminated
6170	Exterior Carpentry	\$ 18,000	\$ 5.98		\$ -	Concessions/restrooms eliminated
7100	Waterproofing	Excluded				
7500	Roofing	\$ 29,900	\$ 9.93		\$ -	Concessions/restrooms eliminated
8100	Doors, Frames and Hardware	\$ 11,600	\$ 3.85		\$ -	Concessions/restrooms eliminated
8360	Overhead Doors	\$ 34,800	\$ 11.56		\$ -	Concessions/restrooms eliminated
8800	Glass and Glazing	\$ 1,000	\$ 0.33		\$ -	Concessions/restrooms eliminated
9250	Drywall	\$ 31,400	\$ 10.43		\$ -	Concessions/restrooms eliminated
9680	Flooring	\$ 10,154	\$ 3.37		\$ -	Concessions/restrooms eliminated
9900	Painting / Wall covering	\$ 8,628	\$ 2.87		\$ -	Concessions/restrooms eliminated
10800	Specialties	\$ 6,700	\$ 2.23		\$ -	Concessions/restrooms eliminated
10850	Synthetic Track Surface			\$ 131,200	\$ 131,200	
10860	Synthetic Turf Field			\$ 566,000	\$ 458,184	FieldTurf XM6-65 2.5" vs. Revolution
11400	Food Services	\$ 15,400	\$ 5.11		\$ -	Concessions/restrooms eliminated
11600	Exterior Scoreboard			\$ 34,000	\$ 34,000	
13300	Bleachers			\$ 662,500	\$ 429,000	Eliminate visitor, reduce home from 1558 to 1078
15400	Plumbing	\$ 76,500	\$ 25.41		\$ -	Concessions/restrooms eliminated
15500	HVAC	\$ 12,500	\$ 4.15		\$ -	Concessions/restrooms eliminated
16100	Building Electrical	\$ 54,100	\$ 17.97		\$ -	Concessions/restrooms eliminated
16500	Tele/Data	\$ 7,500	\$ 2.49	\$ 7,500	\$ 7,500	
16600	Site Electrical			\$ 299,500	\$ 299,500	
16801	A/V Systems			\$ 50,000	\$ 50,000	
18400	Cleaning & Protection	\$ 12,400	\$ 4.12		\$ -	Concessions/restrooms eliminated
18560	Final Cleaning	\$ 900	\$ 0.30		\$ -	Concessions/restrooms eliminated
	SUBTOTAL BUILDING DIRECT COSTS	\$ 462,400	\$ 153.57			
	SUBTOTAL SITE DIRECT COSTS	\$ 3,400,300		\$ 3,400,300		
	SUBTOTAL BUILDING & SITE DIRECT COSTS				\$ 2,971,609	(\$891,091 reduction - site & building)
18000	General Conditions	\$ 260,235			\$ 229,083	Reduction
18290	Weather Protection Allowance	Excluded			Excluded	
20600	Builders Risk Insurance	\$ 3,500			\$ 3,081	Reduction
99020	General Liability Insurance ( 1% )	\$ 50,000			\$ 44,015	Reduction
	SUBTOTAL DIRECT COSTS & GC'S	\$ 4,176,400			\$ 3,247,800	(\$928,600 reduction)
99050	Preconstruction Services	\$ 5,000			\$ 5,000	
	GC and Trade Contractor P&P Bonds - Allow	\$ 75,000			\$ 75,000	
99100	Overhead and Profit (4.5%)	\$ 187,900			\$ 146,200	Reduction
	SUBTOTAL DIRECTS, GC'S & OH&P	\$ 4,444,300			\$ 3,474,000	(\$970,300 reduction)
90100	Construction Contingency (3%)	\$ 133,300			\$ 104,200	Reduction
	TOTAL CONSTRUCTION COST	\$ 4,577,600			\$ 3,578,200	(\$999,400 reduction)
	Architectural / Engineering Fees	\$ 351,560			\$ 277,311	Reduction
	Site Permit Allowance	\$ 75,000			\$ 75,000	
	Unsuitable Soil Allowance	\$ 30,000			\$ 30,000	
	Testing and Inspection Allowance	\$ 5,000			\$ 5,000	
	Impact Fees	Excluded			Excluded	
	Environmental Remediation Allowance	Excluded			Excluded	
	Furniture, Fixtures & Equipment Allowance	Excluded			Excluded	
	Commonwealth Edison Service Fee Allowance	\$ 25,000			\$ 25,000	
	Natural Gas New Service Fee Allowance	\$ 2,500			\$ -	Concessions/restrooms eliminated
	Telephone / Cable Service Fee Allowance	\$ 5,000			\$ 5,000	
	Sanitary Sewer Tap Fee Allowance	Excluded			Excluded	
	Domestic Water Tap Fee Allowance	Excluded			Excluded	
	Utility Consumption Costs (during construction)	Excluded			Excluded	
	Design Scope Development Allowance (5%)	\$ 253,600			\$ 199,800	Reduction
	Owner's Contingency (5%)	\$ 253,600			\$ 199,800	Reduction
	TOTAL PROJECT COST	\$ 5,578,860			\$ 4,395,111	(\$1,183,749 reduction)

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Site Work Cost Estimate Detail  
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Line	Description	Qty	Unit	Unit \$	Total
1					
2	2015 Survey				
3	* Establish Site layout and control	1	ls	\$ 5,000	\$ 5,000
4					
5	SUBTOTAL SURVEY				\$ 5,000
6					
7	2100 Site Excavation and Backfill				
8	* Mobilize / Demobilize equipment	1	ls	\$ 7,000	\$ 7,000
9	* Tree removal				N / A
10	* Clear and grub site				N / A
11	* Silt fence	4,400	lf	\$ 2	\$ 8,800
12	* Construction lay-downs / access road	1	allow	\$ 15,000	\$ 15,000
13	* Top soil and vegetation strip	6,740	cy	\$ 4	\$ 23,590
14	* Clay cut site	26,880	cy	\$ 5	\$ 120,960
15	* Clay cut pond	6,440	cy	\$ 5	\$ 28,980
16	* Clay fill site	48,870	cy	\$ 1	\$ 48,870
17	* Fill at pond	45	cy	\$ 1	\$ 45
18	* Regrading site and pond	71,250	sy	\$ 1	\$ 53,438
19	* Curb cut and track	1,300	lf	\$ 2	\$ 2,600
20	* Gran curbs and walks	115	cy	\$ 40	\$ 4,600
21	* Top soil respreads (6")	7,245	cy	\$ 7	\$ 50,715
22	* Clay short (imported fill)				Assume balanced site
23	* Supervision	1	ls	\$ 5,000	\$ 5,000
24	* Street cleaning	1	allow	\$ 2,500	\$ 2,500
25					
26	SUBTOTAL SITE EXCAVATION AND BACKFILL				\$ 372,100
27					
28	2480 Landscape (softscape and hardscape)				
29	* New evergreen trees	22	ea	\$ 280	\$ 6,160
30	* Unspecified landscape within stadium area	6,306	sy	\$ 3	\$ 18,919
31	* Landscape restoration adjacent to area of work	20,015	sy	\$ 1.25	\$ 25,019
32	* Landscape Development	1	allow	\$ 10,000	\$ 10,000
33					
34	SUBTOTAL LANDSCAPE (SOFTSCAPE AND HARDSCAPE)				\$ 60,100
35					
36	2500 Site Utilities				
37	* 6" PVC	136	lf	\$ 60	\$ 8,160
38	* 8" PVC	71	lf	\$ 65	\$ 4,615
39	* 12" PERF HDPE	60	lf	\$ 85	\$ 5,100
40	* 15" PERF HDPE	240	lf	\$ 90	\$ 21,600
41	* 18" PERF HDPE	230	lf	\$ 95	\$ 21,850
42	* 24" PERF HDPE	306	lf	\$ 110	\$ 33,660
43	* 12 " RCP	192	lf	\$ 70	\$ 13,440
44	* 15" RCP	100	lf	\$ 75	\$ 7,500
45	* 18" RCP	93	lf	\$ 80	\$ 7,440
46	* 21" RCP	91	lf	\$ 85	\$ 7,735
47	* 24" RCP	539	lf	\$ 90	\$ 48,510
48	* 30" RCP	93	lf	\$ 95	\$ 8,835
49	* 36" RCP	65	lf	\$ 100	\$ 6,500
50	* Trench drain polycast 600 series	172	lf	\$ 125	\$ 21,500
51	* 1" x 12" Advantage Underdrain	4,422	lf	\$ 25	\$ 110,550
52	* 6" CA-6 base course	1,996	cy	\$ 44	\$ 87,844
53	* Manhole Type A (6' diameter)	2	ea	\$ 6,000	\$ 12,000
54	* Catch Basin	9	ea	\$ 5,000	\$ 45,000
55	* Inlet	2	ea	\$ 2,500	\$ 5,000
56	* FES 36" with Gate	1	ea	\$ 3,500	\$ 3,500
57	* Sanitary and water services to Concessions Building	1	allow	\$ 35,000	\$ 35,000
58	* Septic system with 5,000 gallon tank and 800 lf of grid - design based on optimum percolation test results	1	allow	\$ 20,000	\$ 20,000

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Line	Description	Qty	Unit	Unit \$	Total
59					
60	SUBTOTAL SITE UTILITIES			\$	535,300
61					
62	2510 Asphalt Paving				
63	Asphalt Pavement (as detailed on drawing C3)	13,995	sy	\$ 30	\$ 419,842
64	* 1.5" HMA Surface Course				Included
65	* 2.5" HMA Binder Course				Included
66	* 4" CA-6 Base Course				Included
67	* 4" CA-7 Base Course				Included
68	Heavy Duty Asphalt Paving by Visiting Team Entrance	422	sy	\$ 45	\$ 18,980
69	* 2.5" HMA Surface Course				Included
70	* 3.5" HMA Binder Course				Included
71	* 12" CA-6 Base Course				Included
72	Asphalt base under synthetic track	632	sy	\$ 30	\$ 18,948
73	* 1.5" HMA Surface Course				Included
74	* 2.5" HMA Binder Course				Included
75	* 4" CA-6 Base Course				Included
76	* 4" CA-7 Base Course				Included
77	* Development (sawcutting, unspecified paving, etc.)	1	allow	\$ 20,000	\$ 20,000
78					
79	SUBTOTAL ASPHALT PAVING			\$	477,800
80					
81	2520 Site Concrete				
82	Concrete Sidewalk				
83	* 5.0" POC pavement	5,895	sf	\$ 5	\$ 29,475
84	* 4.0" CA-6 base course	73	cy	\$ 44	\$ 3,202
85	* Concrete edge at interior of track (6"w x 18"d)	1,296	lf	\$ 25	\$ 32,400
86	* Shot put pad	1	ls	\$ 2,000	\$ 2,000
87	* 5.0" POC pavement				Included
88	* 4.0" CA-6 base course				Included
89	* Accessories (toe board, striping, stone chips)				Included
90					
91	SUBTOTAL SITE CONCRETE			\$	67,100
92					
93	2835 Ornamental Metal Fence / Gates				
94	* 4' tall black vinyl coated chain link fencing	1,333	lf	\$ 24	\$ 31,992
95	* Double gate 8' opening	3	ea	\$ 780	\$ 2,340
96	* Double gate 14' openimng	1	ea	\$ 960	\$ 960
97	* 8' tall black vinyl coated chain link fencing	2,143	lf	\$ 34	\$ 72,005
98	* Double gate 10' opening	3	ea	\$ 960	\$ 2,880
99	* Double gate 14' openimng	1	ea	\$ 1,080	\$ 1,080
100	* 8' tall black vinyl coated chain link fencing for storage under home bleachers	250	lf	\$ 34	\$ 8,400
101	* Misc. additional gates	1	allow	\$ 7,500	\$ 7,500
102					
103	SUBTOTAL ORNAMENTAL METAL FENCE / GATES			\$	127,200
104					
105	5100 Steel and Miscellaneous Iron				
106	* Allowance	1	allow	\$ 5,000	\$ 5,000
107					
108	SUBTOTAL STEEL AND MISCELLANEOUS IRON			\$	5,000
109					
110	10850 Synthetic Track Surface				
111	* Advanced Polymer Technology, "Spartan B" single layer, 13 mm, permeable black mat track system consisting of SBR rubber granules bound in polyurethane	5,684	sy	\$ 20	\$ 113,687
112	* Striping	1	ls	\$ 7,500	\$ 7,500
113	* Pole vault runway and landing area	1	ls	\$ 5,000	\$ 5,000
114	* Long/Triple jump	1	ls	\$ 5,000	\$ 5,000
115					

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Line	Description	Qty	Unit	Unit \$	Total
116	SUBTOTAL SYNTHETIC TRACK SURFACE				\$ 131,200
117					
118	10860 Synthetic Turf Field				
119	* FieldTurf Revolution 2.5"	107,808	sf	\$ 5.25	\$ 565,992
120	* Inlaid Numbers/Arrows				Included
121	* Inlaid Hash Marks				Included
122	* Inlaid Soccer Markings				Included
123					
124	SUBTOTAL SYNTHETIC TURF FIELD				\$ 566,000
125					
126	11600 Exterior Scoreboard				
127	* Exterior Scoreboard at South End zone				
128	* 28'x8' Nevco #7685 multi-sport scoreboard, 24" red LED digit size, amber LED electronic team names/data, 1/100th second track timing, wireless controls	1	allow	\$ 24,000	\$ 24,000
129	* Scoreboard installation, 3 steel columns, foundations & electrical	1	allow	\$ 10,000	\$ 10,000
130					
131	SUBTOTAL EXTERIOR SCOREBOARD				\$ 34,000
132					
133	13300 Bleachers				
134	* Home bleachers, 1558 seats, ADA seating	1	ls	\$ 310,000	\$ 310,000
135	* Press box - 3 units: home coaches, announcers, visiting coaches	1	ls	\$ 105,000	\$ 105,000
136	* Away bleachers, 566 seats, ADA seating	1	ls	\$ 110,000	\$ 110,000
137	* Concrete foundations for home bleachers away bleachers	1	ls	\$ 100,000	\$ 100,000
138	* Concrete foundations for away bleachers	1	ls	\$ 37,500	\$ 37,500
139					
140	SUBTOTAL BLEACHERS				\$ 662,500
141					
142	16500 Tele/Data				
143	* Press Box Tele/Data	1	allow	\$ 7,500	\$ 7,500
144					
145	SUBTOTAL TELE/DATA				\$ 7,500
146					
147	16600 Site Electrical				
148	* Temporary power	1	ls	\$ 2,500	\$ 2,500
149	* Electrical service, 600 amp, transformer, three panels	1	allow	\$ 25,000	\$ 25,000
150	* Stadium lighting, Musco, 4 steel poles 90 ft. high, 8 lamps @ 1500W per pole	4	ea	\$ 53,000	\$ 212,000
151	Lighting equipment				Included
152	Lighting installation				Included
153	Transformer and power feed				Included
154	Lighting controls				Included
155	* Press Box lighting, power and heat	1	allow	\$ 15,000	\$ 15,000
156	* Unspecified site lighting	1	allow	\$ 25,000	\$ 25,000
157	* Misc. field electrical	1	allow	\$ 20,000	\$ 20,000
158					
159	SUBTOTAL SITE ELECTRICAL				\$ 299,500
160					
161	16801 A/V Systems				
162	* A/V stadium sound system and data	1	allow	\$ 50,000	\$ 50,000
163					
164	SUBTOTAL A/V SYSTEMS				\$ 50,000

Check:	3,400,259
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\$ 3,400,258.74

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Concession/Restroom Building Cost Estimate Detail  
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Line	Description	Qty	Unit	Unit \$		Total
1						
2	2015 Survey					
3	* Establish building layout and control					Included
4						
5	SUBTOTAL SURVEY					\$ -
6						
7	2220 Building Excavation and Backfill					
8	* Excavate perimeter footings / foundation walls	105	cy	\$ 12	\$	1,265
9	* Excavate interior footings / foundation walls	60	cy	\$ 12	\$	714
10	* Stone backfill at foundation	40	cy	\$ 44	\$	1,740
11	* 4" Stone base fill under SOG	37	cy	\$ 44	\$	1,619
12	* Haul out excess clay/stone material					Use in site work
13						
14	SUBTOTAL BUILDING EXCAVATION AND BACKFILL					\$ 5,300
15						
16	3300 Building Concrete					
17	* Typical perimeter wall footings (2'w x 1'h)	21	cy	\$ 170	\$	3,526
18	* Typical perimeter foundation walls (8"w x 3'h)	21	cy	\$ 425	\$	8,815
19	* Interior wall footings (2'w x 1'h)	12	cy	\$ 170	\$	1,989
20	* Interior foundation walls (2'w x 1'h)	12	cy	\$ 425	\$	4,973
21	* Perimeter wall insulation	735	sf	\$ 2.50	\$	1,838
22	* Fine grade granular for slab on grade	3,011	sf	\$ 0.25	\$	753
23	* 4" SOG with w/ fiber mesh reinforcement	3,011	sf	\$ 5.00	\$	15,055
24	* Equipment pads	1	ls	\$ 500	\$	500
25						
26	SUBTOTAL BUILDING CONCRETE					\$ 37,400
27						
28	4200 Masonry					
29	* Exterior masonry walls (9' tall) ground face CMU	1,495	sf	\$ 40	\$	59,800
30	* Interior masonry walls (9' tall) - CMU	1,607	sf	\$ 15	\$	24,103
31	* Install door frames					Included
32	* Grout and reinforcing					Included
33	* Masonry cleaning					Included
34						
35	SUBTOTAL MASONRY					\$ 83,900
36						
37	6100 Rough Carpentry					
38	* Install doors and hardware	28	hr	\$ 97	\$	2,716
39	* Install specialties	16	hr	\$ 97	\$	1,552
40						
41	SUBTOTAL ROUGH CARPENTRY					\$ 4,300
42						
43	6170 Exterior Carpentry					
44	* Hip roof framing	1	ls	\$ 18,000	\$	18,000
45	* 5/8" exterior grade fire-treated OSB deck					Included
46	* Fascia					Included in 7500
47	* Soffits					Included in 7500
48						
49	SUBTOTAL EXTERIOR CARPENTRY					\$ 18,000
50						
51	7100 Waterproofing					
52	* No scope assumed					Excluded
53						
54	SUBTOTAL WATERPROOFING					Excluded
55						
56	7500 Roofing					
57	* Architectural, 30-year fiberglass shingles with Energy Star rating. (4/12 Hip)	4,073	sf	\$ 4.00	\$	16,293
58	* Pre-finished aluminum ventilating soffit and fascia.	277	lf	\$ 10	\$	2,769
59	* Pre-finished aluminum rake and eave flashings, gutters, downspouts.	311	lf	\$ 35	\$	10,876
60						
61	SUBTOTAL ROOFING					\$ 29,900
62						
63	8100 Doors, Frames and Hardware					
64	* Hollow metal doors, insulated	8	ea	\$ 375	\$	3,000
65	* Hollow metal frames	8	ea	\$ 337	\$	2,696
66	* Hardware	8	sets	\$ 735	\$	5,880
67						
68	SUBTOTAL DOORS, FRAMES AND HARDWARE					\$ 11,600
69						
70	8360 Overhead Doors					
71	* Furnish and install overhead coiling stainless steel windows					
72	* 12'-0"w x 3'-4"h	2	ea	\$ 7,500	\$	15,000
73	* 5'-4" w x 4'-4"h	2	ea	\$ 5,000	\$	10,000
74	* Furnish and install 8' x 8' painted overhead coiling door in equipment storage room including operator	1	ea	\$ 9,800	\$	9,800
75	* Hardware for rolling overhead door					Included



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Line	Description	Qty	Unit	Unit \$	Total
76					
77	SUBTOTAL OVERHEAD DOORS			\$	34,800
78					
79	8800 Glass and Glazing				
80	* Furnish and install mirrors, laminated safety glazing	2	ea	\$ 500	\$ 1,000
81					
82	SUBTOTAL GLASS AND GLAZING			\$	1,000
83					
84	9250 Drywall				
85	* Furnish and install interior drywall ceilings	2,389	sf	\$ 10.00	\$ 23,891
86	* Furnish and install exterior drywall ceilings	622	sf	\$ 12.00	\$ 7,463
87					
88	SUBTOTAL DRYWALL			\$	31,400
89					
90	9680 Flooring				
91	* Epoxy floor coating	2,389	sf	\$ 4.00	\$ 9,556
92	* Floor prep	2,389	sf	\$ 0.25	\$ 597
93					
94	SUBTOTAL FLOORING			\$	10,154
95					
96	9900 Painting / Wall covering				
97	* Paint interior CMU	3213.72	sf	\$ 1.25	\$ 4,017
98	* Paint ceilings	3,011	sf	\$ 1.00	\$ 3,011
99	* Paint D/F	8	ea	\$ 200	\$ 1,600
100					
101	SUBTOTAL PAINTING / WALLCOVERING			\$	8,628
102					
103	10800 Specialties				
104	Restrooms				
105	* 36" horizontal grab bar	4	ea	\$ 45	\$ 180
106	* Toilet paper holder	8	ea	\$ 25	\$ 200
107	* PT dispenser / waste holder	7	ea	\$ 450	\$ 3,150
108	* Soap dispenser	6	ea	\$ 45	\$ 270
109	* Sanitary disposal in ladies room	6	ea	\$ 75	\$ 450
110	* Sanitary napkin vending in ladies room	6	ea	\$ 75	\$ 450
111	Concessions				
112	* Soap dispenser	2	ea	\$ 45	\$ 90
113	* PT dispenser / waste holder	2	ea	\$ 450	\$ 900
114	Food Storage / Ticket Office				
115	* Soap dispenser	1	ea	\$ 45	\$ 45
116	* PT dispenser / waste holder	1	ea	\$ 450	\$ 450
117	Covered Area				
118	* Soap dispenser	1	ea	\$ 45	\$ 45
119	* PT dispenser / waste holder	1	ea	\$ 450	\$ 450
120					
121	SUBTOTAL SPECIALTIES			\$	6,700
122					
123	11400 Food Services				
124	* Refrigerator Side-by-side				By Owner
125	* Freezer Side-by-side				By Owner
126	* Soda machines				By Owner
127	* Grille				By Owner
128	* Picnic tables				By Owner
129	* Stainless steel countertops at concession windows - 12'	2	ea	\$ 5,200	\$ 10,400
130	* Stainless steel countertops at concession windows - 5'-4"	2	ea	\$ 2,500	\$ 5,000
131	* Hand sink package				By Owner
132	* Furnish and install Concessions shelving				By Owner
133	* Furnish and install Food Storage / Ticket Office shelving				By Owner
134					

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Line	Description	Qty	Unit	Unit \$	Total
135	SUBTOTAL FOOD SERVICES			\$	15,400
136					
137	15400 Plumbing				
138	Restrooms				
139	* Sink Package	2		\$ 7,500	\$ 15,000
140	* Furnish and install new faucets	6			Included above
141	* Furnish and install new American Standard back mounted toilet	8		\$ 3,500	\$ 28,000
142	* Furnish and install new back mounted urinal	4		\$ 2,500	\$ 10,000
143	Concessions / Food Storage				
144	* Water heater - 75 gallon	1	ea	\$ 8,000	\$ 8,000
145	* Rough in and trim for Hand Sinks/Mop Basin	6	ea	\$ 2,000	\$ 12,000
146	* Rough in and trim for triple sink, prep sink	1	ea	\$ 3,500	\$ 3,500
147					
148	SUBTOTAL PLUMBING			\$	76,500
149					
150	15500 HVAC				
151	* Toilet exhaust system	1	ls	\$ 5,000	\$ 5,000
152	* Electric cabinet unit heaters	5	ea	\$ 1,500	\$ 7,500
153	* Kitchen exhaust system				Excluded
154					
155	SUBTOTAL HVAC			\$	12,500
156					
157	16100 Building Electrical				
158	* Temporary Power	1	lot	\$ 750	\$ 750
159	* Interior light fixtures (fixture allowance \$100/ea)	41	ea	\$ 250	\$ 10,170
160	* Exterior light fixtures (fixture allowance \$150/ea)	16	ea	\$ 300	\$ 4,800
161	* Wall pack	5	ea	\$ 485	\$ 2,425
162	* Exit signs	4	ea	\$ 372	\$ 1,488
163	* Switching	1	lot	\$ 2,250	\$ 2,250
164	* Fire alarm	1	allow	\$ 5,000	\$ 5,000
165	* Voice/data conduit	1	allow	\$ 1,000	\$ 1,000
166	* Duplex receptacles	14	ea	\$ 152	\$ 2,128
167	* Quad receptacles	3	ea	\$ 178	\$ 534
168	* WP GFI receptacles	2	ea	\$ 195	\$ 390
169	* GFI receptacles	14	ea	\$ 175	\$ 2,450
170	* Power connections	12	ea	\$ 488	\$ 5,856
171	* HVAC work	1	ls	\$ 6,200	\$ 6,200
172	* Grounding	1	ls	\$ 1,200	\$ 1,200
173	* Primary electrical service	1	ls	\$ 7,500	\$ 7,500
174					
175	SUBTOTAL BUILDING ELECTRICAL			\$	54,100
176					
177	16500 Tele/Data				
178	* Allowance	1	allow	\$ 7,500	\$ 7,500
179					
180	SUBTOTAL TELE/DATA			\$	7,500
181					
182	18400 Cleaning & Protection				
183	* Clean-up labor	12	md	\$ 672	\$ 8,064
184	* Roll off boxes for rubbish	2	ea	\$ 400	\$ 800
185	* Miscellaneous tools for clean up	1	ls	\$ 1,000	\$ 1,000
186	* Protection and safety	1	ls	\$ 2,500	\$ 2,500
187					
188	SUBTOTAL CLEANING & PROTECTION			\$	12,400
189					
190	18560 Final Cleaning				
191	* Final cleaning	1	ls	\$ 900	\$ 900
192					
193	SUBTOTAL FINAL CLEANING			\$	900

Check:	462,400
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North Boone High School Stadium Study  
Poplar Grove, IL  
Conceptual Budget - Alternates  
Proposal No. 9912-499

CSI #	ALT #	Description	QTY	UNIT	COST + OH/P	Total
	1	Alt 1 - Provide natural turf in lieu of				
10860		FieldTurf Revolution 2.5"	(107,808)	sf	\$5.25	(\$565,992)
02480		Filter fabric	11,979	sy	\$2.89	\$34,588
02480		4" depth topsoil	180	cy	\$63.00	\$11,340
02480		Athletic surface grade sod	11,979	sy	\$9.98	\$119,487
02480		Irrigation system	107,808	sf	\$1.05	\$113,198
02500		Water service upgrade	1	allow	\$26,250.00	\$26,250
TOTAL ALTERNATE #1						(\$261,128)