

ATTACHMENT XI-D

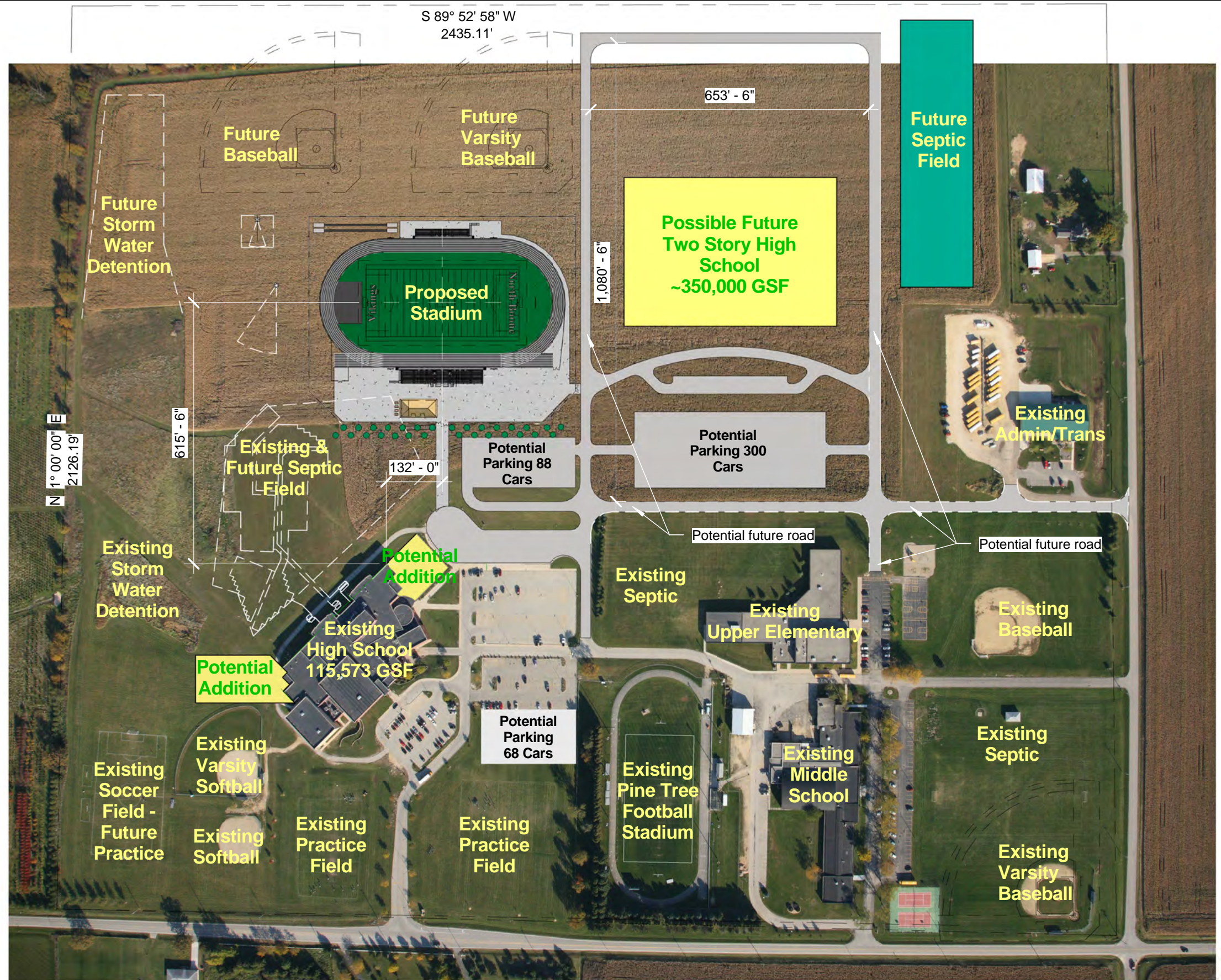
ATTACHMENT XI-D: Stadium Project

Suggested Motion: Approve CSG to complete the necessary plans to develop bid documents for an athletic stadium project

Recommended Action: Approve as presented

One of the issues raised during the initial development of a long term facilities plan was the need to address our current outdoor athletic facilities. Our track is currently not adequate to hold home meets and is a potential liability even for practice. The development of a single field that is usable by football and soccer programs would be a major improvement over our current fields. The current varsity football field isn't wide enough to be used for soccer. The current seating is both inadequate and beyond its reasonable life expectancy.

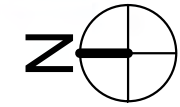
The facilities committee met in November and voted to move this discussion to the full Board. Attached are the last two design documents developed regarding potential placement of a new stadium and the initial cost estimates of the project.



1

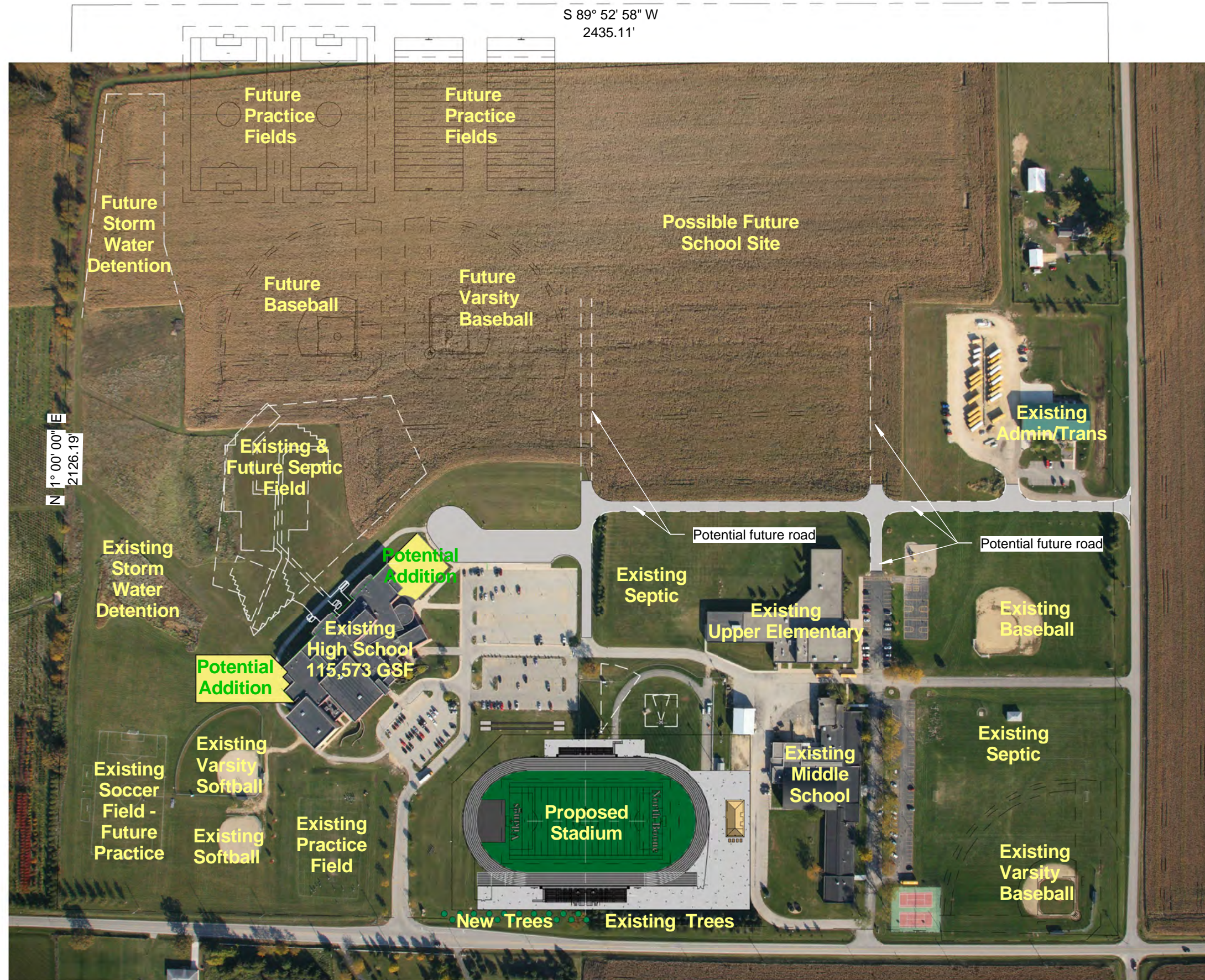
Overall Site Plan - Proposed Stadium - Concept D

1" = 250'-0"



<b>Cashman Stahler Group</b> 1910 South Highland Avenue, Suite 310 Lombard, Illinois 60148 Telephone: (630) 889-8800 Web: www.cashmanstahler.com	Project: <b>Stadium Study - North Boone High School</b> 17823 Poplar Grove Road, Poplar Grove, IL 61065	Date: 11/19/13 Project: CSG541
	Client: <b>North Boone Community Unit School District 200</b> 6248 N. Boone Road, Poplar Grove, IL 61065	<b>D100</b>

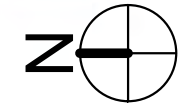




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Overall Site Plan - Proposed Stadium - Concept E

1" = 250'-0"



<b>Cashman Stahler Group</b> 1910 South Highland Avenue, Suite 310 Lombard, Illinois 60148 Telephone: (630) 889-8800 Web: www.cashmanstahler.com	Project: <b>Stadium Study - North Boone High School</b> 17823 Poplar Grove Road, Poplar Grove, IL 61065	Date: 11/19/13 Project: CSG541
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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	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
	<b>SUBTOTAL BUILDING DIRECT COSTS</b>	<b>\$ 462,400</b>	<b>\$ 153.57</b>			
	<b>SUBTOTAL SITE DIRECT COSTS</b>	<b>\$ 3,400,300</b>		<b>\$ 3,400,300</b>		
	<b>SUBTOTAL BUILDING &amp; SITE DIRECT COSTS</b>				<b>\$ 2,971,609</b>	(\$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
	<b>SUBTOTAL DIRECT COSTS &amp; GC'S</b>	<b>\$ 4,176,400</b>			<b>\$ 3,247,800</b>	(\$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
	<b>SUBTOTAL DIRECTS, GC'S &amp; OH&amp;P</b>	<b>\$ 4,444,300</b>			<b>\$ 3,474,000</b>	(\$970,300 reduction)
90100	Construction Contingency (3%)	\$ 133,300			\$ 104,200	Reduction
	<b>TOTAL CONSTRUCTION COST</b>	<b>\$ 4,577,600</b>			<b>\$ 3,578,200</b>	(\$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
	<b>TOTAL PROJECT COST</b>	<b>\$ 5,578,860</b>			<b>\$ 4,395,111</b>	<b>(\$1,183,749 reduction)</b>



North Boone High School Stadium Study  
 Site Work Cost Estimate Detail  
 Poplar Grove, IL  
 Proposal No. 9912-499

DRAFT

Line	Description	Qty	Unit	Unit \$	Total
1					
2	<b>2015 Survey</b>				
3	* Establish Site layout and control	1	ls	\$ 5,000	\$ 5,000
4					
5	<b>SUBTOTAL SURVEY</b>				<b>\$ 5,000</b>
6					
7	<b>2100 Site Excavation and Backfill</b>				
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	<b>SUBTOTAL SITE EXCAVATION AND BACKFILL</b>				<b>\$ 372,100</b>
27					
28	<b>2480 Landscape (softscape and hardscape)</b>				
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	<b>SUBTOTAL LANDSCAPE (SOFTSCAPE AND HARDSCAPE)</b>				<b>\$ 60,100</b>
35					
36	<b>2500 Site Utilities</b>				
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	<b>SUBTOTAL SITE UTILITIES</b>				<b>\$ 535,300</b>
61					
62	<b>2510 Asphalt Paving</b>				
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	<b>SUBTOTAL ASPHALT PAVING</b>				<b>\$ 477,800</b>
80					
81	<b>2520 Site Concrete</b>				
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	<b>SUBTOTAL SITE CONCRETE</b>				<b>\$ 67,100</b>
92					
93	<b>2835 Ornamental Metal Fence / Gates</b>				
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' opening	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' opening	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	<b>SUBTOTAL ORNAMENTAL METAL FENCE / GATES</b>				<b>\$ 127,200</b>
104					
105	<b>5100 Steel and Miscellaneous Iron</b>				
106	* Allowance	1	allow	\$ 5,000	\$ 5,000
107					
108	<b>SUBTOTAL STEEL AND MISCELLANEOUS IRON</b>				<b>\$ 5,000</b>
109					
110	<b>10850 Synthetic Track Surface</b>				
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					

**North Boone High School Stadium Study  
 Site Work Cost Estimate Detail  
 Poplar Grove, IL  
 Proposal No. 9912-499**
**DRAFT**

Line	Description	Qty	Unit	Unit \$	Total
116	<b>SUBTOTAL SYNTHETIC TRACK SURFACE</b>				<b>\$ 131,200</b>
117					
118	<b>10860 Synthetic Turf Field</b>				
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	<b>SUBTOTAL SYNTHETIC TURF FIELD</b>				<b>\$ 566,000</b>
125					
126	<b>11600 Exterior Scoreboard</b>				
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	<b>SUBTOTAL EXTERIOR SCOREBOARD</b>				<b>\$ 34,000</b>
132					
133	<b>13300 Bleachers</b>				
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	<b>SUBTOTAL BLEACHERS</b>				<b>\$ 662,500</b>
141					
142	<b>16500 Tele/Data</b>				
143	* Press Box Tele/Data	1	allow	\$ 7,500	\$ 7,500
144					
145	<b>SUBTOTAL TELE/DATA</b>				<b>\$ 7,500</b>
146					
147	<b>16600 Site Electrical</b>				
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	<b>SUBTOTAL SITE ELECTRICAL</b>				<b>\$ 299,500</b>
160					
161	<b>16801 A/V Systems</b>				
162	* A/V stadium sound system and data	1	allow	\$ 50,000	\$ 50,000
163					
164	<b>SUBTOTAL A/V SYSTEMS</b>				<b>\$ 50,000</b>

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

**North Boone High School Stadium Study  
 Concession/Restroom Building Cost Estimate Detail  
 Poplar Grove, IL  
 Proposal No. 9912-499**
**DRAFT**

Line	Description	Qty	Unit	Unit \$	Total
1					
2	<b>2015 Survey</b>				
3	* Establish building layout and control				Included
4					
5	<b>SUBTOTAL SURVEY</b>			\$	-
6					
7	<b>2220 Building Excavation and Backfill</b>				
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	<b>SUBTOTAL BUILDING EXCAVATION AND BACKFILL</b>			\$	<b>5,300</b>
15					
16	<b>3300 Building Concrete</b>				
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	<b>SUBTOTAL BUILDING CONCRETE</b>			\$	<b>37,400</b>
27					
28	<b>4200 Masonry</b>				
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	<b>SUBTOTAL MASONRY</b>			\$	<b>83,900</b>
36					
37	<b>6100 Rough Carpentry</b>				
38	* Install doors and hardware	28	hr	\$ 97	\$ 2,716
39	* Install specialties	16	hr	\$ 97	\$ 1,552
40					
41	<b>SUBTOTAL ROUGH CARPENTRY</b>			\$	<b>4,300</b>
42					
43	<b>6170 Exterior Carpentry</b>				
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	<b>SUBTOTAL EXTERIOR CARPENTRY</b>			\$	<b>18,000</b>
50					
51	<b>7100 Waterproofing</b>				
52	* No scope assumed				Excluded
53					
54	<b>SUBTOTAL WATERPROOFING</b>				<b>Excluded</b>
55					
56	<b>7500 Roofing</b>				
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	<b>SUBTOTAL ROOFING</b>			\$	<b>29,900</b>
62					
63	<b>8100 Doors, Frames and Hardware</b>				
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	<b>SUBTOTAL DOORS, FRAMES AND HARDWARE</b>			\$	<b>11,600</b>
69					
70	<b>8360 Overhead Doors</b>				
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	<b>SUBTOTAL OVERHEAD DOORS</b>				<b>\$ 34,800</b>
78					
79	<b>8800 Glass and Glazing</b>				
80	* Furnish and install mirrors, laminated safety glazing	2	ea	\$ 500	\$ 1,000
81					
82	<b>SUBTOTAL GLASS AND GLAZING</b>				<b>\$ 1,000</b>
83					
84	<b>9250 Drywall</b>				
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	<b>SUBTOTAL DRYWALL</b>				<b>\$ 31,400</b>
89					
90	<b>9680 Flooring</b>				
91	* Epoxy floor coating	2,389	sf	\$ 4.00	\$ 9,556
92	* Floor prep	2,389	sf	\$ 0.25	\$ 597
93					
94	<b>SUBTOTAL FLOORING</b>				<b>\$ 10,154</b>
95					
96	<b>9900 Painting / Wall covering</b>				
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	<b>SUBTOTAL PAINTING / WALLCOVERING</b>				<b>\$ 8,628</b>
102					
103	<b>10800 Specialties</b>				
104	<u>Restrooms</u>				
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	<u>Concessions</u>				
112	* Soap dispenser	2	ea	\$ 45	\$ 90
113	* PT dispenser / waste holder	2	ea	\$ 450	\$ 900
114	<u>Food Storage / Ticket Office</u>				
115	* Soap dispenser	1	ea	\$ 45	\$ 45
116	* PT dispenser / waste holder	1	ea	\$ 450	\$ 450
117	<u>Covered Area</u>				
118	* Soap dispenser	1	ea	\$ 45	\$ 45
119	* PT dispenser / waste holder	1	ea	\$ 450	\$ 450
120					
121	<b>SUBTOTAL SPECIALTIES</b>				<b>\$ 6,700</b>
122					
123	<b>11400 Food Services</b>				
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					

**North Boone High School Stadium Study  
 Concession/Restroom Building Cost Estimate Detail  
 Poplar Grove, IL  
 Proposal No. 9912-499**
**DRAFT**

Line	Description	Qty	Unit	Unit \$	Total
135	<b>SUBTOTAL FOOD SERVICES</b>				<b>\$ 15,400</b>
136					
137	<b>15400 Plumbing</b>				
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	<b>SUBTOTAL PLUMBING</b>				<b>\$ 76,500</b>
149					
150	<b>15500 HVAC</b>				
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	<b>SUBTOTAL HVAC</b>				<b>\$ 12,500</b>
156					
157	<b>16100 Building Electrical</b>				
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	<b>SUBTOTAL BUILDING ELECTRICAL</b>				<b>\$ 54,100</b>
176					
177	<b>16500 Tele/Data</b>				
178	* Allowance	1	allow	\$ 7,500	\$ 7,500
179					
180	<b>SUBTOTAL TELE/DATA</b>				<b>\$ 7,500</b>
181					
182	<b>18400 Cleaning &amp; Protection</b>				
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	<b>SUBTOTAL CLEANING &amp; PROTECTION</b>				<b>\$ 12,400</b>
189					
190	<b>18560 Final Cleaning</b>				
191	* Final cleaning	1	ls	\$ 900	\$ 900
192					
193	<b>SUBTOTAL FINAL CLEANING</b>				<b>\$ 900</b>

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	<b>Alt 1 - Provide natural turf in lieu of</b>				
10860		FieldTurf Revolution 2.5"	(107,808)	sf	\$5.25	<b>(\$565,992)</b>
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
<b>TOTAL ALTERNATE #1</b>						<b>(\$261,128)</b>