

Norton Public Schools Master Plan
Option E Schematic Cost Estimate - 09/13/2019
Gale JN: 718090



8-Lane Track and Synthetic Turf Field Construction	\$	2,812,028
Synthetic Turf MPR, Softball, Baseball Construction	\$	4,413,680
Total	\$	7,225,708

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Option E Schematic Cost Estimate- Synthetic Turf MPR, Baseball, Softball Field Construction - 09/13/2019							
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ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	TOTAL COST	REMARKS
1	GENERAL CONDITIONS					\$ 395,371.27	
a	Bonds and Insurance (2 %)	LS	1	\$ 64,228.55	\$ 64,228.55		
b	General Conditions (10 %)	LS	1	\$ 321,142.73	\$ 321,142.73		
c	Mobilization / Demobilization	LS	1	\$ 10,000.00	\$ 10,000.00		
2	EROSION CONTROL / SITE PREPARATION / DEMOLITION					\$ 16,500.00	
a	Silt Fence	LF	1,000	\$ 5.00	\$ 5,000.00		
b	Temporary Construction Entrance (Assume 8" of Stone)	LS	1	\$ 1,500.00	\$ 1,500.00		
c	Temporary Construction Fencing	LS	1	\$ 10,000.00	\$ 10,000.00		
3	Synthetic MPR Field					\$ 1,915,187.25	
a	Strip and Haul Unscreened Topsoil (12" assumed)	CY	8052	\$ 12.00	\$ 96,628.00		217,413 SF
b	Prepare sub-base, shape and compact	SY	24157	\$ 2.25	\$ 54,353.25		Area of proposed field
c	Crushed Stone Base under Field (10")	TON	10,065	\$ 36.00	\$ 362,355.00		
d	Cast in place Concrete Curb	LF	2011	\$ 32.00	\$ 64,352.00		
e	Geotextile Separation Layer	SY	24157	\$ 2.00	\$ 48,314.00		
f	12" Perf. HDPE	LF	1170	\$ 24.00	\$ 28,080.00		
g	Flat panel drains	LF	3240	\$ 4.00	\$ 12,960.00		
h	Cleanouts (Nyloplast CB's)	EA	6	\$ 1,800.00	\$ 10,800.00		
i	Outlet Control Structures	EA	1	\$ 3,500.00	\$ 3,500.00		
j	Infilled Synthetic Turf Product	SF	217413	\$ 3.00	\$ 652,239.00		Crumb rubber assumed. Alternative infill approx. +\$300k
k	Infilled Synthetic Turf Installation	SF	217413	\$ 1.00	\$ 217,413.00		
l	Shock Pad	SF	217413	\$ 1.00	\$ 217,413.00		
m	Turf Striping	EA	3	\$ 7,000.00	\$ 21,000.00		Soccer, Men's Lacrosse, Women's Lacrosse
n	4' High Perimeter Fence	LF	2062	\$ 35.00	\$ 72,170.00		
o	4' High Pedestrian Gate in 4' CLF	EA	4	\$ 600.00	\$ 2,400.00		
p	12' Wide CLF Gates in 4' CLF	EA	2	\$ 1,200.00	\$ 2,400.00		
q	16' Slide Gate	EA	1	\$ 1,700.00	\$ 1,700.00		
r	MP Field Scoreboard	LS	1	\$ 35,000.00	\$ 35,000.00		
s	Soccer Goals (with wheel kit)	EA	2	\$ 2,675.00	\$ 5,350.00		
t	Lacrosse Goals (with wheel kit)	EA	2	\$ 1,380.00	\$ 2,760.00		
u	Players Benches	PR	2	\$ 2,000.00	\$ 4,000.00		
4	Softball Fixtures					\$ 123,860.00	
a	25' Backstop	LS	1	\$ 20,000.00	\$ 20,000.00		
b	20' Safety Netting	LF	326	\$ 60.00	\$ 19,560.00		
c	Temporary Outfield Fence	LF	270	\$ 90.00	\$ 24,300.00		
d	Dugouts	EA	2	\$ 20,000.00	\$ 40,000.00		
e	15' Foul Poles	Set	1	\$ 5,000.00	\$ 5,000.00		
f	55'x15' Single Batting Tunnel/Bullpen	EA	1	\$ 15,000.00	\$ 15,000.00		
5	Baseball Fixtures					\$ 195,880.00	
a	Baseball 30' Backstop	LS	1	\$ 30,000.00	\$ 30,000.00		
b	Dugout	EA	2	\$ 25,000.00	\$ 50,000.00		
c	20' Foul Pole with wing	EA	2	\$ 970.00	\$ 1,940.00		
d	Safety Netting	LF	520	\$ 60.00	\$ 31,200.00		
e	Temporary Outfield Fence	LF	386	\$ 90.00	\$ 34,740.00		
f	Portable Pitchers Mound	LS	1	\$ 18,000.00	\$ 18,000.00		
g	75'x15' Double Batting Tunnel/Bullpen	EA	1	\$ 30,000.00	\$ 30,000.00		
6	Athletic Field Lighting					\$960,000.00	
a	Musco Lighting	EA	9	\$90,000.00	\$810,000.00		
b	MUSCO Athletic Field Lighting Electrical	LS	1	\$150,000.00	\$150,000.00		
7	Bleacher Seating					\$ 56,820.00	
a	Concrete Pad	SF	966	\$ 20.00	\$ 19,320.00		
b	Portable Bleachers (Track & Synthetic Turf Field)	SEAT	150	\$ 250.00	\$ 37,500.00		
8	Walkways					\$ 76,788.28	
a	Strip and Haul Unscreened Topsoil (10" assumed)	CY	460	\$ 12.00	\$ 5,518.52		14,900 SF
b	Prepare sub-base, shape and compact	SY	514	\$ 1.50	\$ 770.69		Approximate area for perimeter walkways and
c	Gravel Base	TON	690	\$ 35.00	\$ 24,143.52		walkway connections
d	Pavement (1.5" Binder Course, 1.5" Wearing Course)	SY	1,656	\$ 28.00	\$ 46,355.56		
						SUBTOTAL: \$ 3,740,406.80	
						SOFT COSTS (8%): \$ 299,232.54	
						CONTINGENCY (10%): \$ 374,040.68	
						TOTAL: \$ 4,413,680.03	