

**Ryan High School**  
**Cost Estimate from RSMMeans Heavy Construction Cost Data 2008**

Section	Item	Unit		Incl O&P	Total	Total Incl O&P	Total Cost Incl O&P
<b>Site Construction</b>							
<b>Division 1</b>	<b><u>General Requirements</u></b>						
013113.20.0180	Project Manager (per Week)	12	\$ 1,850.00	\$ 2,875.00	\$ 22,200.00	\$ 34,500.00	
013113.20.0240	Superintendent (per Week)	12	\$ 1,950.00	\$ 3,025.00	\$ 23,400.00	\$ 36,300.00	
013113.30.0200	Insurance (per Job)	1	0.62%	\$ 10,540.00	\$ 9,300.00	\$ 10,540.00	
013113.40.0300	Main Office Expense (per Job)	1	0.39%	\$ 6,630.00	\$ 5,850.00	\$ 6,630.00	
013113.90.0200	Performance Bond (per Job)	1	1.90%	2.38%	\$ 32,980.28	\$ 41,225.35	
013213.50.0400	Scheduling	1	\$ 1,455.00	\$ 1,600.00	\$ 1,455.00	\$ 1,600.00	
015113.80.1000	Portable Toilet (per Month)	3	\$ 84.50	\$ 93.89	\$ 253.50	\$ 281.67	
015213.40.0120	Field Office Supplies (per Month)	3	\$ 95.00	\$ 105.00	\$ 285.00	\$ 315.00	
015436.50.0100	Equipment Mobilization (Each)	8	\$ 288.50	\$ 355.00	\$ 2,308.00	\$ 2,840.00	
015436.50.0100	Equipment De-Mobilization (Each)	8	\$ 288.50	\$ 355.00	\$ 2,308.00	\$ 2,840.00	
015626.50.0200	Temporary Fence (per LF)	600	\$ 3.00	\$ 3.85	\$ 1,800.00	\$ 2,310.00	
015813.50.0020	Project Signs (per SF)	64	\$ 17.90	\$ 19.70	\$ 1,145.60	\$ 1,260.80	
017123.13.1100	Survey (per day)	10	\$ 1,069.00	\$ 1,625.00	\$ 10,690.00	\$ 16,250.00	
017123.19.0020	Survey Stakes (per Hundred)	3	\$ 54.00	\$ 59.50	\$ 162.00	\$ 178.50	
							<b>\$ 157,071.32</b>
<b>Division 2</b>	<b><u>Demolition</u></b>						
024113.33.0020	Catch Basin (each)	7	\$ 268.50	\$ 380.00	\$ 1,879.50	\$ 2,660.00	
024113.33.4200	Concrete, mesh reinforced (per SY)	140	\$ 7.15	\$ 10.15	\$ 1,001.00	\$ 1,421.00	
024113.17.5100	Bituminous pavement 4" - 6" (per SY)	2119	\$ 5.63	\$ 7.60	\$ 11,929.97	\$ 16,104.40	
024113.17.5300	Concrete 6" Thick w/ Rebar (per SY)	5226	\$ 11.80	\$ 15.95	\$ 61,666.80	\$ 83,354.70	
024113.17.6100	Concrete curb, reinforced (per LF)	400	\$ 3.90	\$ 5.50	\$ 1,560.00	\$ 2,200.00	
024113.62.0600	Chain Link Fence (per LF)	650	\$ 1.20	\$ 1.71	\$ 780.00	\$ 1,111.50	
024113.74.0200	Demolition, Piles (goal post foundation per LF)	10	\$ 8.37	\$ 11.60	\$ 83.70	\$ 116.00	
024113.74.1700	Steel Pipe (Goal Post per LF)	80	\$ 6.96	\$ 9.65	\$ 556.80	\$ 772.00	
024113.86.0100	Synthetic Grass (per SF)	85536	\$ 0.24	\$ 0.38	\$ 20,528.64	\$ 32,503.68	
024113.86.0200	Track Surface	52119	\$ 0.24	\$ 0.38	\$ 12,508.56	\$ 19,805.22	
024119.23.3080	Loading & Trucking (per CY)	3912	\$ 13.55	\$ 18.70	\$ 53,007.60	\$ 73,154.40	
							<b>\$ 233,202.90</b>
<b>Division 26</b>	<b><u>Electrical</u></b>						
260533.65.2250	10" L x 6" W x 6" D Pull Box (each)	6	\$ 86.50	\$ 116.00	\$ 519.00	\$ 696.00	
260539.30.3350	2" Diameter Conduit (per LF)	590	\$ 5.85	\$ 7.60	\$ 3,451.50	\$ 4,484.00	
260539.30.3440	4" Diameter Conduit (per LF)	280	\$ 15.70	\$ 20.00	\$ 4,396.00	\$ 5,600.00	
<b>SPECIALTY</b>	<b>Install Scoreboard &amp; Structure</b>	0	\$ -	\$ -	\$ -	\$ -	
							<b>\$ 10,780.00</b>
<b>Division 31</b>	<b><u>Earthwork</u></b>						
312316.13.0050	Excavation, Trench for Electrical (per BCY)	56	\$ 5.64	\$ 7.80	\$ 315.84	\$ 436.80	
312316.13.0050	Excavation, Trench for Drainage (per BCY)	195	\$ 5.64	\$ 7.80	\$ 1,099.80	\$ 1,521.00	
312316.42.0260	Excavating, Bulk Bank (per BCY)	2900	\$ 1.23	\$ 1.54	\$ 3,567.00	\$ 4,466.00	
312323.15.4070	Loading (Per BCY)	3151	\$ 9.98	\$ 11.10	\$ 31,446.98	\$ 34,976.10	
312323.18.1110	Hauling (Per LCY)	5104	\$ 7.52	\$ 9.25	\$ 38,382.08	\$ 47,212.00	
312323.16.0100	Utility Bedding (per LCY)	53	\$ 53.65	\$ 61.50	\$ 2,843.45	\$ 3,259.50	
313213.19.0100	Lime Injection (per SY)	11850	\$ 16.25	\$ 20.31	\$ 192,562.50	\$ 240,673.50	
							<b>\$ 332,544.90</b>

**Division 32 Exterior Improvements**

321123.23.0100	Labor - Base for Asphalt, 6" deep (per SY)	5801	\$	2.71	\$	3.00	\$	15,691.71	\$	17,403.00
321123.23.2011	Crushed stone, 3/4" max for Field, 6" deep (per Ton)	3252	\$	29.66	\$	33.00	\$	96,454.32	\$	107,316.00
321126.13.0500	Asphaltic Base Course for Roadways ( per SY)	5801	\$	12.86	\$	14.40	\$	74,600.86	\$	83,534.40
323113.20.0200	Chain Link Fence	650	\$	16.07	\$	18.80	\$	10,445.50	\$	12,220.00
SPECIALTY	Goal Posts, with foundations (1 pr)	1	\$	12,500.00	\$	15,625.00	\$	12,500.00	\$	15,625.00
SPECIALTY	Pole vault boxes, with lids	2	\$	640.00	\$	800.00	\$	1,280.00	\$	1,600.00
										<b>\$ 237,698.40</b>

**Division 33 Utilities**

03341.13.50.1020	Piping - Drainage, corr. HDPE (per LF)	1260	\$	5.30	\$	6.80	\$	6,678.00	\$	8,568.00
03347.13.53.1100	Reservoir liner, membrane lining, 20 mil (per SF)	105675	\$	0.65	\$	0.81	\$	68,688.75	\$	85,860.94
										<b>\$ 94,428.94</b>

**Site Construction Sub Total**

**\$ 1,065,726.45**  
**25% Discount off RS Means (\$266,431.61)**

**TCPN Price List****TCPN Construction and Synthetic Turf Items**

TCPN Price Sheet	Exterior Concrete Curb on Track Oval (per LF)	1524	\$	17.87				\$	27,232.21
TCPN Price Sheet	Concrete Curb "D" Area (per LF)	197	\$	17.87				\$	3,520.17
TCPN Price Sheet	Trench Drain (per LF)	1312	\$	55.89				\$	73,325.00
TCPN Price Sheet	Concrete Flat Work - PV Runway (per SF)	710	\$	6.35				\$	4,508.50
TCPN Price Sheet	Concrete Flat Work - Outside Track (per SF)	4051	\$	6.35				\$	25,723.85
TCPN Price Sheet	Concrete Flat Work - Swale behind RW (per SF)	2940	\$	6.35				\$	18,669.00
TCPN Price Sheet	Hellas Sport Tracks Surface, ST 100, (per SY)	5864	\$	17.86				\$	104,731.04
TCPN Price Sheet	Matrix Synthetic Turf (Per SF)	87812	\$	4.60				\$	403,935.20
TCPN Price Sheet	Soccer field Inlays	1	\$	2,500.00				\$	2,500.00
TCPN Price Sheet	Maint. Equipment	0	\$	4,100.00				\$	-

**TCPN Sub Total** **\$ 664,144.97**

**Subtotal Construction & Synthetic Sport Surfaces with RS Means Discount** **\$1,463,439.81**

**Deductions from Scope to Become Allowances**

313213.19.0100	Water Injection Pass (per SY)	11850	\$	1.92	\$	2.40	\$	22,752.00	\$	28,440.00
313213.19.0100	Water Injection Pass (per SY)	11850	\$	1.92	\$	2.40	\$	22,752.00	\$	28,440.00
										<b>\$ 56,880.00</b>
										<b>25% Discount off RS Means (\$14,220.00)</b>
										<b>Net Deduction \$ 42,660.00 (\$42,660.00)</b>

**Total Construction & Synthetic Sport Surfaces with RS Means Discount** **\$1,420,779.81**

**Deductive Design Items as Requested are Reflected in RS Means Pricing Above**

- Reduce curb demo from 1,696 lf to 400 lf*
- Deduct scoreboard relocation and associated conduit*
- Change drainage stone section from 8" to 6"*
- Reuse existing chain link fabric and fence rails (Note revised quantity determined by on site measurement)*
- Deduct turf maintenance equipment*
- Reuse existing drain stone as base under new track*