



Town of Morristown
Department of Public Works
Division of Engineering

200 South Street, P.O. Box 14
Morristown, NJ 07963-0914
973-292-4894, Fax: 973-292-6663

Date: 9/1/2020

Engineer's Estimate

Futsal Court at George Gramby Memorial Park

20-013

Corrected Math

Revised to match base bid price

20-013							\$216,371.00		\$240,021.00		\$223,902.00		\$283,501.00		\$278,161.40		\$379,146.47		
							AA Berms LLC PO Box 180 Belleville, NJ 07109		Ralph Checchio, Inc. P.O. Box 627 Scotch Plains, NJ 07076-0627		Your Way Construction, Inc. 404 Coit Street Irvington, NJ 07111-4607		JAG Paving Corp. 220 Kearny Avenue Kearny, NJ 07032		Halecon, Inc. 136 Billian Street Bridgewater, NJ 08807		PMY Construction Corp. 124 Park Avenue Lyndhurst, NJ 07071		
Base Bid Items: Futsal Court Area							Base Bid Estimate: \$242,253.25												
njdot spec	Item #	Description	Unit	Quantity	Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total	
160	1	Asphalt Price Adjustment	Allow	1	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	
160	2	Fuel Price Adjustment	Allow	1	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	
201	3	Clearing Site	L.S.	1	\$15,000.00	\$15,000.00	\$46,000.00	\$46,000.00	\$22,750.00	\$22,750.00	\$42,520.00	\$42,520.00	\$53,787.00	\$53,787.00	\$42,000.00	\$42,000.00	\$60,000.00	\$60,000.00	
302	4	Dense-Graded Aggregate Base Course, 6" Thick	C.Y.	166	\$175.00	\$29,050.00	\$35.00	\$5,810.00	\$51.50	\$8,549.00	\$44.40	\$7,370.40	\$30.00	\$4,980.00	\$80.00	\$13,280.00	\$89.60	\$14,873.60	
401	5	Hot Mix Asphalt I-2 Base Course, 3" Thick	Ton	181	\$185.00	\$33,485.00	\$100.00	\$18,100.00	\$129.00	\$23,349.00	\$146.90	\$26,588.90	\$160.00	\$28,960.00	\$130.00	\$23,530.00	\$235.00	\$42,535.00	
401	6	Hot Mix Asphalt I-2 Base Course, 4" Thick	Ton	11	\$190.00	\$2,090.00	\$110.00	\$1,210.00	\$129.00	\$1,419.00	\$146.90	\$1,615.90	\$160.00	\$1,760.00	\$130.00	\$1,430.00	\$235.00	\$2,585.00	
401	7	Hot Mix Asphalt I-5 Surface Course, 2" Thick	Ton	126	\$195.00	\$24,570.00	\$116.00	\$14,616.00	\$130.00	\$16,380.00	\$192.90	\$24,305.40	\$160.00	\$20,160.00	\$130.00	\$16,380.00	\$250.00	\$31,500.00	
602	9	Install Type "E" Inlet Frame and Bicycle Safe Grate on Existing "B" Inlet Structure	Unit	1	\$1,400.00	\$1,400.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,425.00	\$1,425.00	\$4,000.00	\$4,000.00	\$1,800.00	\$1,800.00	\$3,000.00	\$3,000.00	
605	11	Chain-Link Fence, Black Polyolefin-Coated Steel, 10' High	L.F.	235	\$95.00	\$22,325.00	\$85.00	\$19,975.00	\$151.00	\$35,485.00	\$77.00	\$18,095.00	\$70.00	\$16,450.00	\$85.00	\$19,975.00	\$205.00	\$48,175.00	
605	12	Chain-Link Fence, Black Polyolefin-Coated Steel, 15' High	L.F.	153	\$125.00	\$19,125.00	\$105.00	\$16,065.00	\$151.00	\$23,103.00	\$121.00	\$18,513.00	\$110.00	\$16,830.00	\$165.00	\$25,245.00	\$250.00	\$38,250.00	
605	13	Gate, Chain-link, Black Polyolefin-Coated Steel, 3.5' Wide x 7' High, Complete	Unit	2	\$1,100.00	\$2,200.00	\$1,800.00	\$3,600.00	\$1,500.00	\$3,000.00	\$935.00	\$1,870.00	\$2,500.00	\$5,000.00	\$750.00	\$1,500.00	\$2,500.00	\$5,000.00	
605	14	Remove One Existing Fence Post with Rollers and Remove and Reset One Existing Corner Post and Shorten and Reinstall up to 8 L.F. of Existing Chain Link Fence	L.S.	1	\$1,200.00	\$1,200.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$2,200.00	\$2,200.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	
606	15	Concrete Border, Fiber Reinforced, 5" Thick	S.Y.	64	\$90.00	\$5,760.00	\$120.00	\$7,680.00	\$135.00	\$8,640.00	\$95.30	\$6,099.20	\$200.00	\$12,800.00	\$175.00	\$11,200.00	\$198.00	\$12,672.00	
607	16	9" x 20" Concrete Vertical Curb, Fiber Reinforced	L.F.	308	\$50.00	\$15,400.00	\$33.00	\$10,164.00	\$25.00	\$7,700.00	\$36.40	\$11,211.20	\$40.00	\$12,320.00	\$65.00	\$20,020.00	\$67.54	\$20,802.32	
607	17	9" x 36" Concrete Vertical Curb, Fiber Reinforced, Rebar Reinforced	L.F.	85	\$75.00	\$6,375.00	\$90.00	\$7,650.00	\$40.00	\$3,400.00	\$49.15	\$4,177.75	\$75.00	\$6,375.00	\$120.00	\$10,200.00	\$121.33	\$10,313.05	
610	21	Furnish and Install Laykold Masters Color [or Approved Equal] Acrylic Futsal Court Athletic Surfacing System	L.S.	1	\$24,000.00	\$24,000.00	\$17,000.00	\$17,000.00	\$23,000.00	\$23,000.00	\$20,000.00	\$20,000.00	\$30,000.00	\$30,000.00	\$23,700.00	\$23,700.00	\$23,900.00	\$23,900.00	
699	29	Furnish and Install Futsal Goal, Kwik Goal Model 2P201 (or Approved Equal)	UNIT	2	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00	\$3,000.00	\$6,000.00	\$2,790.00	\$5,580.00	\$2,500.00	\$5,000.00	\$4,300.00	\$8,600.00	\$6,998.80	\$13,997.60	
804	30	Topsolling, Screened Topsoil, 4" Thick, (If and Where Directed)	S.Y.	150	\$9.00	\$1,350.00	\$10.00	\$1,500.00	\$16.50	\$2,475.00	\$0.01	\$1.50	\$10.00	\$1,500.00	\$20.00	\$3,000.00	\$10.17	\$1,525.50	
804	30A	Clean Soil Fill (If and Where Directed)	C.Y.	40	\$35.00	\$1,400.00	\$40.00	\$1,600.00	\$20.00	\$800.00	\$0.01	\$0.40	\$15.00	\$600.00	\$36.00	\$1,440.00	\$89.60	\$3,584.00	
804	31	Fertilizing, Seeding, Type A-3, and Straw Mulch, (If and Where Directed)	S.Y.	150	\$3.50	\$525.00	\$5.00	\$750.00	\$5.00	\$750.00	\$0.01	\$1.50	\$2.00	\$300.00	\$20.00	\$3,000.00	\$12.00	\$1,800.00	
Total:							\$210,655.00	Total:	\$180,120.00	Total:	\$189,700.00	Total:	\$191,975.15	Total:	\$222,222.00	Total:	\$228,200.00	Total:	\$336,413.07

Alternate #1 Items: Parking Lot Improvements				Alternate #1 Estimate: \$28,503.04														
njdot spec	Item #	Description	Unit		Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total
160	1A	Asphalt Price Adjustment	Allow	1	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00
160	2A	Fuel Price Adjustment	Allow	1	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00
302	4	Dense-Graded Aggregate Base Course, 6" Thick	C.Y.	7	\$175.00	\$1,225.00	\$35.00	\$245.00	\$51.50	\$360.50	\$44.40	\$310.80	\$30.00	\$210.00	\$80.00	\$560.00	\$89.60	\$627.20
401	6	Hot Mix Asphalt I-2 Base Course, 4" Thick	Ton	10	\$190.00	\$1,900.00	\$110.00	\$1,100.00	\$129.00	\$1,290.00	\$146.90	\$1,469.00	\$160.00	\$1,600.00	\$130.00	\$1,300.00	\$235.00	\$2,350.00
401	7	Hot Mix Asphalt I-5 Surface Course, 2" Thick	Ton	5	\$195.00	\$975.00	\$116.00	\$580.00	\$130.00	\$650.00	\$192.90	\$964.50	\$160.00	\$800.00	\$130.00	\$650.00	\$250.00	\$1,250.00
601	8	12" Reinforced Concrete Pipe, Class V	L.F.	10	\$150.00	\$1,500.00	\$220.00	\$2,200.00	\$100.00	\$1,000.00	\$135.70	\$1,357.00	\$250.00	\$2,500.00	\$270.00	\$2,700.00	\$112.00	\$1,120.00
602	10	Inlet Type "B", with New Type N Frame and Bicycle Safe Grate, 2.5' to 3.5' Deep	Unit	1	\$3,800.00	\$3,800.00	\$2,400.00	\$2,400.00	\$2,600.00	\$2,600.00	\$3,730.00	\$3,730.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$3,920.00	\$3,920.00
607	18	Granite Block Curbing	L.F.	205	\$48.00	\$9,840.00	\$33.00	\$6,765.00	\$25.00	\$5,125.00	\$36.60	\$7,503.00	\$60.00	\$12,300.00	\$70.00	\$14,350.00	\$38.54	\$7,900.70
610	22	Traffic Markings, Lines, Long Life, Thermoplastic 4", White	L.F.	558	\$1.50	\$837.00	\$3.00	\$1,674.00	\$5.00	\$2,790.00	\$1.75	\$976.50	\$5.00	\$2,790.00	\$1.60	\$892.80	\$2.15	\$1,199.70
610	23	Traffic Markings, Lines, Long Life, Thermoplastic 4", Blue	L.F.	105	\$1.75	\$183.75	\$3.00	\$315.00	\$5.00	\$525.00	\$1.75	\$183.75	\$6.00	\$630.00	\$1.60	\$168.00	\$2.15	\$225.75
610	24	Traffic Markings, Symbols, Long Life, Thermoplastic, Blue	S.F.	10	\$10.00	\$100.00	\$100.00	\$1,000.00	\$28.00	\$280.00	\$15.00	\$150.00	\$20.00	\$200.00	\$4.80	\$48.00	\$20.00	\$200.00
610	25	Removal of Parking Lot Stripes	L.F.	586	\$4.50	\$2,637.00	\$2.00	\$1,172.00	\$8.00	\$4,688.00	\$1.00	\$586.00	\$4.00	\$2,344.00	\$1.60	\$937.60	\$3.00	\$1,758.00
612	26	Sign, R7-8 with International Symbol of Access and the words "Reserved Parking", Furnish and Install on Sign Post	S.F.	3	\$175.00	\$525.00	\$200.00	\$600.00	\$80.00	\$240.00	\$50.00	\$150.00	\$125.00	\$375.00	\$125.00	\$375.00	\$62.00	\$186.00
612	27	Sign, R7-8P, "Penalty \$250 First Offense, Subsequent Offenses \$250 Minimum And/Or Up to 90 Days Community Service, Tow-Away Zone", Furnish and Install on Sign Post	S.F.	3	\$45.00	\$135.00	\$200.00	\$600.00	\$80.00	\$240.00	\$15.00	\$45.00	\$125.00	\$375.00	\$125.00	\$375.00	\$40.00	\$120.00
612	28	Sign, R7-8a, "Van Accessible", Furnished and Installed on Sign Post	S.F.	2	\$45.00	\$90.00	\$200.00	\$400.00	\$80.00	\$160.00	\$15.00	\$30.00	\$125.00	\$250.00	\$125.00	\$250.00	\$40.00	\$80.00
804	30	Topsoiling, Screened Topsoil, 4" Thick, (If and Where Directed)	S.Y.	65	\$9.00	\$585.00	\$10.00	\$650.00	\$16.50	\$1,072.50	\$0.01	\$0.65	\$10.00	\$650.00	\$20.00	\$1,300.00	\$10.17	\$661.05
804	31	Fertilizing, Seeding, Type A-3, and Straw Mulch, (If and Where Directed)	S.Y.	65	\$3.50	\$227.50	\$5.00	\$325.00	\$5.00	\$325.00	\$0.01	\$0.65	\$2.00	\$130.00	\$20.00	\$1,300.00	\$12.00	\$780.00
Total:					\$24,785.25		Total:	\$20,251.00	Total:	\$21,571.00	Total:	\$17,681.85	Total:	\$30,379.00	Total:	\$30,431.40	Total:	\$22,603.40

Alternate #2 Items: Guide Rails				Alternate #2 Estimate: \$23,747.50														
njdot spec	Item #	Description	Unit		Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total	Unit Price	Line Total
609	19	Wood Beam Guide Rail 4"x12" with Galvanized Metal Posts at 4' O.C., Complete	L.F.	110	\$135.00	\$14,850.00	\$80.00	\$8,800.00	\$185.00	\$20,350.00	\$93.50	\$10,285.00	\$190.00	\$20,900.00	\$131.00	\$14,410.00	\$95.00	\$10,450.00
609	20	Beam Guide Rail, Complete and Metal Posts, Complete	L.F.	80	\$72.50	\$5,800.00	\$90.00	\$7,200.00	\$105.00	\$8,400.00	\$49.50	\$3,960.00	\$125.00	\$10,000.00	\$64.00	\$5,120.00	\$121.00	\$9,680.00
Total:					\$20,650.00		Total:	\$16,000.00	Total:	\$28,750.00	Total:	\$14,245.00	Total:	\$30,900.00	Total:	\$19,530.00	Total:	\$20,130.00