

**ENGINEER'S OPINION OF PROBABLE COST 6 LANE TRACK
TRACK RECONSTRUCTION AND DRAINAGE IMPROVEMENTS PROJECT
FOR
SAU#70/DRESDEN SCHOOL DISTRICT, HANOVER HIGH SCHOOL
HANOVER, NEW HAMPSHIRE
PREPARED BY PATHWAYS CONSULTING, LLC (Project No. 10021)
January 10, 2022**

DEMO					
Item Number	Item Description	Quantity	Unit	Unit Cost	Total Cost
1.01	Remove and Dispose of Existing Drainage Allowance	1	AL	\$15,000.00	\$15,000.00
1.02	Excavation to Subgrade of Track, Triple and Long Jump, High Jump, and Pole Vault Area, and Shot Put Arc. Pavement Removal Incidental	4,000	CY	\$25.00	\$100,000.00
1.03	Demo Existing Triple and Long Jump Sand Pits	2	EA	\$2,500.00	\$5,000.00
1.04	Stripping and Stockpiling Topsoil Screening for Reuse	400	CY	\$35.00	\$14,000.00
1.05	Demo Existing Concrete Pads Allowance	1	AL	\$5,000.00	\$5,000.00
DEMO SUBTOTAL					\$139,000.00
TRACK SUBBASE					
2.01	Non-woven Separation Fabric Mirafi 180N below Track Selects	6,400	SY	\$2.50	\$16,000.00
2.02	NHDOT Item 304.4 Fine Crushed Stone	3,200	CY	\$40.00	\$128,000.00
2.03	NHDOT Item 304.3 Crushed Gravel	720	CY	\$40.00	\$28,800.00
TRACK SUBBASE SUBTOTAL					\$172,800.00
DRAINAGE					
3.01	2x2 Concrete Yard Drain with Frame and Grate (Allowance)	2	EA	\$2,500.00	\$5,000.00
3.02	18" Diameter Nyloplast Yard Drain with 2' Sump	8	EA	\$2,500.00	\$20,000.00
3.03	4-foot Diameter Precast Concrete Catch Basin with Frame and Grate	3	EA	\$3,250.00	\$9,750.00
3.04	12" HDPE Drain Line (ADS N-12) Allowance	1,200	LF	\$50.00	\$60,000.00
3.05	12" HDPE Drain Line (ADS HP Storm Below Track)	80	LF	\$85.00	\$6,800.00
3.06	10" HDPE Underdrain Adjacent to Track in Stone Envelope	1,300	LF	\$70.00	\$91,000.00
3.07	6" PVC Underdrain (Triple and Long Jump, Pole Vault, and High Jump)	700	LF	\$35.00	\$24,500.00
DRAINAGE SUBTOTAL					\$217,050.00
TRACK SPECIALTIES					
4.01	Fine Grading Track	1	AL	\$12,000.00	\$12,000.00
4.02	3 1/2" Bituminous Concrete Pavement	4,420	SY	\$38.00	\$167,960.00
4.03	Track Surfacing and Striping (Assume Benyon BSS 300 for this EOPC) May decide to go with lower grade surfacing for savings.	4,720	SY	\$70.00	\$330,400.00
4.04	Shot Put Pad/Ring and Jock Sand Arc	1	AL	\$18,000.00	\$18,000.00
4.05	Triple and Long Jump Sand Pits and Bumpers	2	EA	\$7,500.00	\$15,000.00
4.06	Triple and Long Jump Starting Boards	4	EA	\$2,000.00	\$8,000.00
4.07	Discus Throw Pad/Ring	1	AL	\$7,500.00	\$7,500.00
4.08	Discus Throw Cage (Fence)	1	AL	\$10,000.00	\$10,000.00
4.09	Pole Vault Approach and Landing Area	2	EA	\$10,000.00	\$20,000.00
TRACK SPECIALTIES SUBTOTAL					\$588,860.00
LANDSCAPING/RESTORATION					
5.01	Screened Loam (4" Rolled Depth Below Sod, 6" Rolled Depth Seeded Areas) Reuse Stripped Material and Supplement as Needed	1	LS	\$15,000.00	\$15,000.00
5.02	Sod (Sidelines)	16,000	SF	\$2.50	\$40,000.00
5.03	Restoration of Lawns (Seed, Starter Fertilizer, Lime, Straw Mulch)	1	LS	\$7,500.00	\$7,500.00
5.04	Miscellaneous Pavement Restoration Allowance	1	AL	\$5,000.00	\$5,000.00
LANDSCAPING/RESTORATION SUBTOTAL					\$67,500.00
EROSION AND SEDIMENT CONTROL					
6.01	Erosion Control Sock	500	LF	\$5.00	\$2,500.00
6.02	Drainage Inlet Protection	10	EA	\$200.00	\$2,000.00
6.03	Stormwater Pollution and Prevention Plan	1	LS	\$3,500.00	\$3,500.00
6.04	Stormwater Pollution and Prevention Plan Monitoring (Max 2 Hours Per Visit)	50	HR	\$100.00	\$5,000.00
EROSION AND SEDIMENT CONTROL SUBTOTAL					\$13,000.00
MISCELLANEOUS					
Item Number	Item Description	Quantity	Unit	Unit Cost	Total Cost
7.01	Mobilization (Max. 5% of total base bid)	1	LS	\$59,910.50	\$59,910.50
7.02	Miscellaneous Work and Cleanup (Max. 3% of total base bid)	1	LS	\$35,946.30	\$35,946.30
MISCELLANEOUS SUBTOTAL					\$95,856.80

ENGINEER'S OPINION OF PROBABLE COST	\$1,294,066.80
10% CONSTRUCTION COST CONTINGENCY	\$129,406.68
TOTAL ENGINEER'S OPINION OF PROBABLE COST	\$1,423,473.48

NOTE: In providing this EOPC, the Client understands that Pathways has no control over the cost or availability of labor, equipment, or materials, or over market conditions or the Contractor's method of pricing, and that this EOPC was developed on the basis of our experience with other projects of similarity. Pathways makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from this EOPC. Upon completion of the final design phase, engineering, and permitting of the project, Pathways may revise this EOPC to revised and/or modified design conditions and updated construction costs.