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July 25, 2024

Houston County Board of Education  
1100 Main Street  
Perry, Georgia 31210

Attn: Mr. Chris Aeschliman  
**E:** [Chris.aeschlimann@hcbe.net](mailto:Chris.aeschlimann@hcbe.net)

**Re:** Report of Pavement Evaluation  
Hunting Middle School Core Sampling (CMT)  
Warner Robins, Georgia  
Terracon Project No. HN241159

Dear Mr. Aeschliman:

Terracon Consultants, Inc. is pleased to present this report on Huntington Middle School Track pavement testing. This report is prepared in accordance with proposal PHN241159 dated Jun 26, 2024.

## **Pavement Evaluation**

Terracon representatives were on site to perform pavement testing at four locations around the track. Core locations C-1 through C-4 were determined based on discussion with HCOB personnel. Terracon measured the thickness of the existing pavement and subbase and determined the type of subgrade at each location. A Dynamic Cone Penetrometer (DCP) was used at selected intervals and core locations to evaluate the subgrade materials. The DCP utilizes a 15-lb steel plate falling 20 inches along a steel rod to drive a conical point into the undisturbed soil in the bottom of the borehole. The conical point is first seated two inches into the undisturbed bottom of the auger hole in order to embed the cone. The cone point is then driven an additional 1.75-inch increment using the 15-lb drop weight falling 20 inches, and the number of blows required to advance the point is recorded. The blow count for the 1.75-inch increment provides a relative index to the strength, density, and load carrying capacity of the soil. For this site, DCP tests were conducted at the surface of the soil subgrade below the pavement and subbase and then at one-two (1-2) foot increments below subbase. A summary of the findings can be found in the table below.

## Report of Pavement Evaluation

Hunting Middle School Core Sampling (CMT) ■ Warner Robins, GA  
July 24, 2024 ■ Terracon Project Nnumber HN241159



Boring Number	Pavement Type and Thickness (in)	Location	Subgrade Soil Classification and Thickness (in)	DCP (blows per increment)
C-1	1.75" – Asphaltic Concrete (Surface Layer)	South of East Goal Post	~4-4.5" Aggregate Base (GAB); 0-1' tan/brown, silty/clayey/sands	Subgrade: 22 blows; 1': 24 blows
C-2	2" – Asphaltic Concrete (Surface Layer)	North of East Goal Post	~5" Aggregate Base (GAB); 0-6" red/tan, clayey/sands; 6"-1' tan, clayey/sand; 1'-2' red/tan silty/sands	Subgrade: 8 blows; 1': 9 blows; 2': 28 blows
C-3	1.75" – Asphaltic Concrete (Surface Layer)	North of West Goal Post	~3.25" Aggregate Base (GAB); 0-6" red/tan, clayey/sands; 6"-1' gray, silty/sands	Subgrade: 9 blows; 1': 26 blows
C-4	2" – Asphaltic Concrete (Surface Layer)	South of West Goal Post	~4" Aggregate Base (GAB); 0-1' red/gray/tan, silty/clayey/sands	Subgrade: 13 blows; 1': 23 blows

We greatly appreciate the opportunity to provide these services to you. If you have any questions, or if we can be of further assistance, please do not hesitate to call.

Sincerely,

**Terracon Consultants, Inc.**

Brad Thigpen, P.E.  
Project Engineer

Jerry B. Williams.  
Construction Services Manager