

June 22, 2015

Ms. Barbara Graves
City of Tampa – Stormwater Division
 306 W. Jackson Street
 Tampa, FL 33602

Barbara.graves@tampagov.net

Subject: **Report of Pavement Coring Analysis**
 Kensington-Waverly Asphalt Cores
 Tampa, FL
 AREHNA Project No. B-13-047.02

As requested, AREHNA Engineering, Inc. performed nine pavement cores in the crown of the existing roadway at the above referenced site. The cores were obtained to measure the thickness of the asphaltic concrete and the type and thicknesses of the base layer. Services were performed in general accordance with AREHNA Proposal B.Prop-15-096. The cored locations were cold-patched with asphalt.

The thickness of the asphaltic concrete and base course material at the cored locations are indicated in the table below.

Core	Total Asphalt thickness (in.)	Base	
		Material	Thickness (in.)
1	7 ¾	Shell	10 ½
2	7 ½	Shell	8
3	2 ¼	Shell	7
4	4 ½	Shell	6
5	3 ¼	Shell	8 ½
6	4 ¼	Shell	5 ½
7	5 ¼	Shell	8
8	4	Shell	5
9	2	Shell	5

At the cored locations, the thickness of the asphaltic concrete ranged from 2 inches to 7-3/4 inches and the measured thickness of the shell stabilized sand base course ranged from 5 inches to 10-1/2 inches.

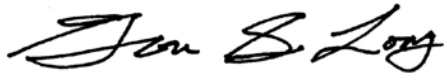
The approximate cored locations are indicated on the attached Figure 1.

AREHNA appreciates the opportunity to have supported you on this project. If you have any questions or require additional information, please do not hesitate to contact us at 813.944.3464.

Sincerely,

AREHNA Engineering, Inc.

FLORIDA BOARD OF PROFESSIONAL ENGINEERS CERTIFICATE OF AUTHORIZATION NO. 28410



Grover S. Long
Geotechnical Engineer



Curtis J. Roos, P.E.
Principal Geotechnical Engineer
Florida Registration No. 27570

Attachments:

Figure 1 – Core Locations


Distribution: 1 – Addressee
1 – Michael T. Miller
MichaelT.Miller@tampagov.net



ATTACHMENTS



LEGEND

 C-# - Asphalt Core



Kensington-Waverly Asphalt Cores
Tampa, Florida

Client: City of Tampa
Project: B-13-047.02
Date: 6/22/2015


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CORE LOCATIONS

Designed By: GSL
Checked By: CJR
Drawn By: KCA

**FIGURE
1**