

ATTACHMENT 2 FOR ADDENDUM No.3  
ASPHALT THICKNESS VERIFICATION TEST FOR SW 136 ST

December 16, 2020

Ms. Barbara Mesa-Valdes  
**Miami-Dade County – Plans Review and Design Section**  
**Highway Division**  
 Department of Transportation and Public Works (CTPW)  
 111 NW 1<sup>st</sup> Street  
 Miami, Florida 33128

Re: Asphalt Thickness Verification  
**Geotechnical Services for Projects 20200118**  
 Old Cutler Road & SW 136<sup>th</sup> Street  
 Miami-Dade County, Florida  
 NV5 Project No. 16965

Dear Mr. Mesa-Valdes:

NV5, Inc. submits this letter in fulfillment of the scope of services described in our Proposal No. 19-0891 dated December 10, 2019. The work was authorized by acceptance of our Professional Services Agreement. This report contains the data collected and procedure used for the asphalt thickness determination.

**PURPOSE**

The purpose of our services on this project was to extract asphalt cores and provide the thickness of the asphalt at each location provided in the drawing.

**FIELD TESTING**

The test locations were explored by performing six (6) asphalt cores at approximate locations shown in Drawing 1 attached. At each location, a six-inch diameter core was extracted to observe the full in-place thickness of the asphalt. The holes were later backfilled using cold patch asphalt.

The table below summarized the thickness measurements from the cores extracted from the roadway:

Core Number	Asphalt Thickness (inches)
PC-1	2 ½
PC-2	3 ¼
PC-3	1 5/8
PC-4	11 ½
PC-5	6
PC-6	2 ¾

**REPORT LIMITATIONS**

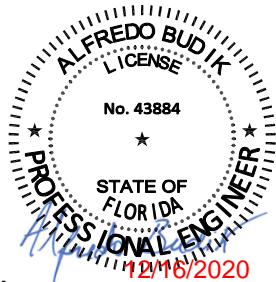
This Report has been prepared for the exclusive use of for the specific application to this project. This Report has been prepared in accordance with generally accepted local testing engineering practices, no other warranty is expressed or implied.

**CLOSURE**

We have appreciated the opportunity to provide engineering services on this phase of your project. If you have questions about information contained in this Report, please contact the undersigned.

Sincerely,

NV5, Inc.



Alfredo Budik, P.E.  
Senior Engineer  
Florida License No. 43884

Distribution: Original and 2 Copies to Addressee via U.S. Mail  
Copy to NV5 File

Attachments: Drawing No. 1 Vicinity Map & Test Location Plan

16965\_Aspphalt Thickness Verification\_SW 136th Street & Old Cutler Road\_DTPW\_Miami\_Dade County\_12-16-20.docx

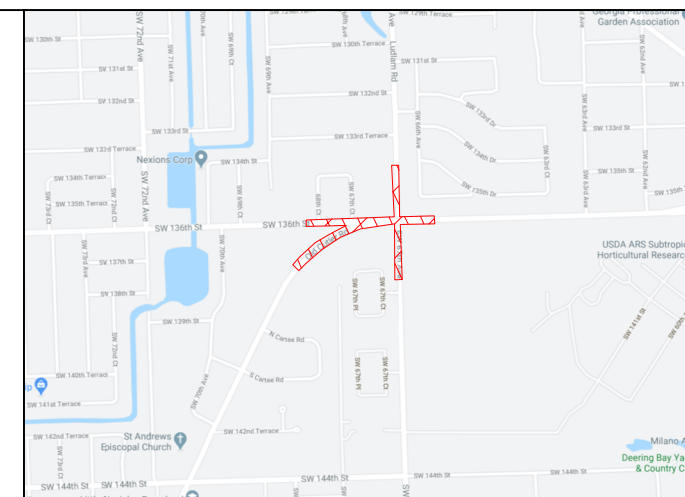
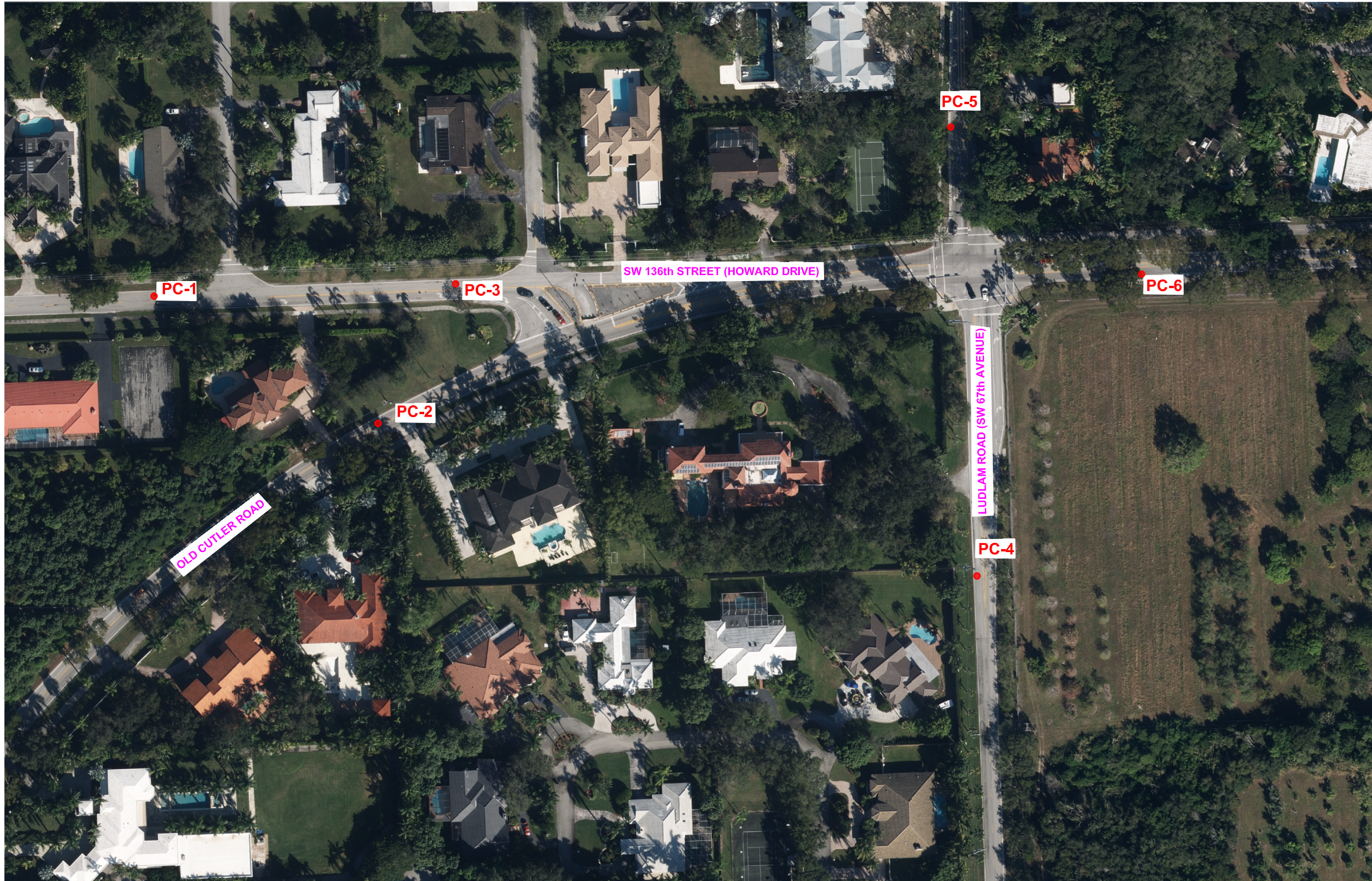
**Alfredo Budik**  
Digitally signed by Alfredo Budik  
DN: E=alfredo.budik@nv5.com,  
CN=Alfredo Budik, O="NV5  
Global, Inc", L=Hollywood, S=FL,  
C=US  
Location: Miami Lakes  
Reason: I attest to the accuracy  
and integrity of this document  
Date: 2020.12.16 12:02:41-05'00'

This item has been electronically signed and sealed by Alfredo Budik, P.E. on the date adjacent to the seal using a SHA authentication Code. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

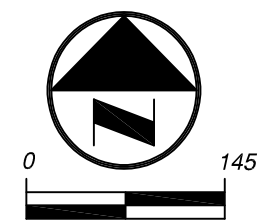


# DRAWINGS





Site Vicinity Map



Approximate Scale in Feet

**LEGEND:**

- PC-1
- - Approximate Location of Pavement Coring

**NOTES:**

1. Test locations shown are approximate.
2. Test location symbols are not to scale.
3. Base drawing was provided by Client.



**DRAWING TITLE:** Site Vicinity Map & Test Location Plan  
**PROJECT NAME:** DTPW Project 20200118  
**PROJECT LOCATION:** Old Cutler Road & SW 136th Street, Miami, Florida

**PROJECT NO:** 16965

**DATE:** 12/15/2020

**DWG NO:** 1

**DWN BY:** *NVF*  
**CKD BY:** *AB*  
**APD BY:** \_\_\_\_\_