

RESOLUTION NO. 13-252

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, APPROVING THE ATTACHED LIST OF ROADWAYS TO BE PAVED UNDER THE ASPHALT PAVING CONTRACT GN-1202 FOR FY 2013-14 ON A WORK ORDER BASIS; AUTHORIZING STAFF TO ISSUE A PURCHASE ORDER FOR THE BUDGETED AMOUNT OF \$1,308,946.00 AND ISSUE WORK ORDERS UNDER THIS LIST FOR PAVING OF CITY ROADWAYS; PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, in Resolution No. 13-057, the City Commission awarded Asphalt Paving Contract GN-1202 to D.N. Higgins, Inc.;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, AS FOLLOWS:

Section 1: That the attached list of roadways to be paved under the asphalt paving contract GN-1202 for FY 2013-14 is hereby approved.

Section 2: That City staff is authorized to issue a purchase order for the budgeted amount of \$1,308,946.00,

Section 3: That City staff is authorized issue work orders in accordance in accordance with the purchase order and approved list for paving City roadways, and in accordance with city ordinances.

Section 4: That this Resolution shall go into effect immediately upon its passage and adoption and authentication by the signature of the presiding officer and the Clerk of the Commission.

Passed and adopted by the City Commission at a meeting held this 2nd day of October, 2013.

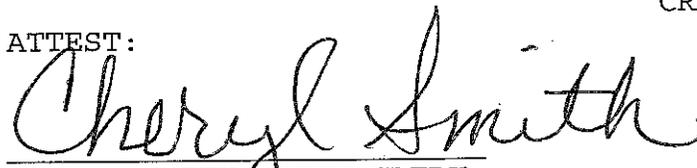
Authenticated by the presiding officer and Clerk of the Commission on October 3, 2013.

Filed with the Clerk October 3, 2013.

Mayor Craig Cates	<u>Yes</u>
Vice Mayor Mark Rossi	<u>Absent</u>
Commissioner Teri Johnston	<u>Yes</u>
Commissioner Clayton Lopez	<u>Yes</u>
Commissioner Billy Wardlow	<u>Yes</u>
Commissioner Jimmy Weekley	<u>Yes</u>
Commissioner Tony Yaniz	<u>Yes</u>

  
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CRAIG CATES, MAYOR

ATTEST:

  
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CHERYL SMITH, CITY CLERK



## THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3700

# EXECUTIVE SUMMARY

**TO:** Bob Vitas, City Manager  
E. David Fernandez, Asst. City Manager  
Mark Finigan, Asst. City Manager  
Doug Bradshaw, Senior Project Manager

**FROM:** Karen Olson, Special Projects Designer

**DATE:** August 28, 2013

**RE:** Approving list of roadways to be paved under the Asphalt Paving Contract GN-1202 (ITB 13-001) for 2013-14 budget year

### ACTION STATEMENT:

This resolution will approve a list of roadways to be paved in budget year 2013-14 under the Asphalt Paving Contract. Once the 2013-14 budget is approved this resolution will also authorize City staff to issue a purchase order for the budgeted amount \$1,308,946 and issue work orders under this list for paving of City roadways.

The improvement and maintenance of City infrastructure is critical to meeting the current and future needs of the citizens of Key West. The City's goal is to maintenance and improvements to its streets. (Strategic Plan "Infrastructure" goal 4)

### BACKGROUND:

The City advertised an Invitation to Bid (ITB 13-001) for the Asphalt Paving Contract. D.N. Higgins, Inc. was awarded the contract by Resolution 13-057.

To date, under the Asphalt Paving Contract GN-1202, approximately \$831,000 has been spent on or allocated towards milling and paving roads throughout the city.

The City of Key West hired a consultant to perform a Pavement Assessment throughout the island to rank our roads in need of repair. The City will use this assessment as a tool to develop the City's paving priorities. When issuing any work orders under this contract the ongoing N. Roosevelt Blvd. construction will be kept in consideration.

*Key to the Caribbean - Average yearly temperature 77° F.*

M E M O R A N D U M

**PURPOSE AND JUSTIFICATION:**

Many areas throughout the City are in dire need of asphalt rehabilitation. This project will continue to be utilized for a long term roadway repair/ reconstruction program. Annual funding received from the gas tax fund will make these much need repairs possible.

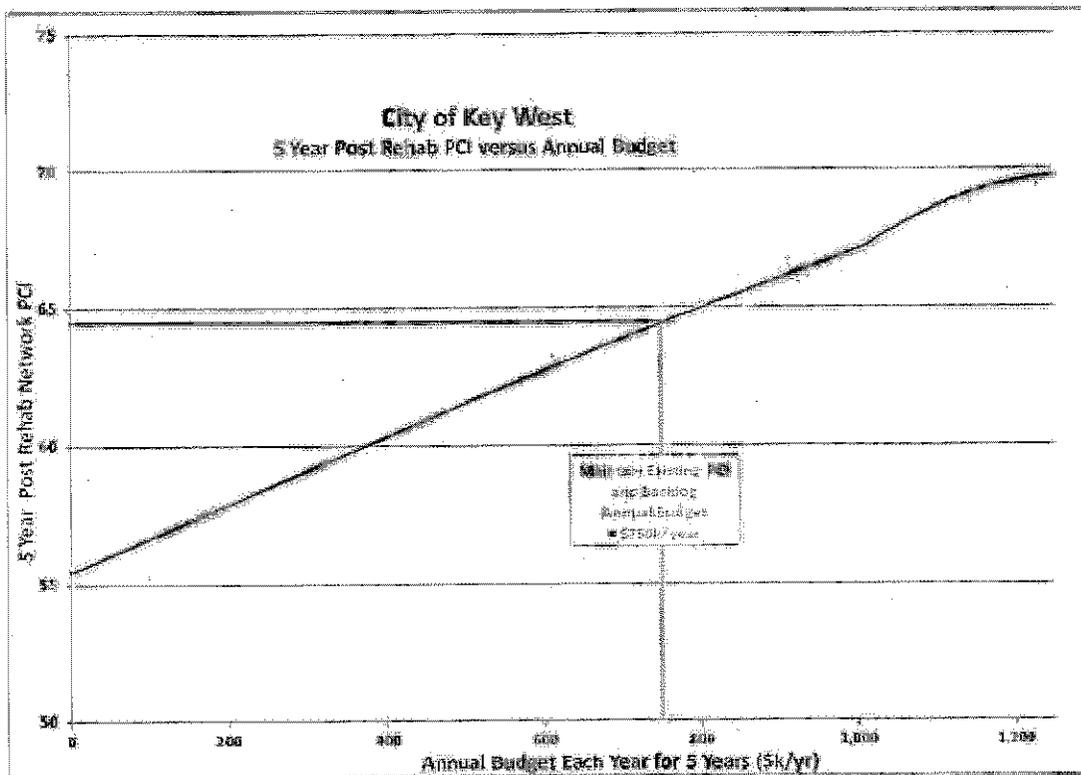
**OPTIONS:**

**Option #1** Approve this list of roadways to be paved under the Asphalt Paving Contract and authorize City staff to issue a purchase order for the budgeted amount \$1,308,946 and issue work orders under this list for paving of City roadways.

**Option #2** Modify the proposed list of roadways to be paved and authorize City staff to issue a purchase order for the budgeted amount \$1,308,946 and issue work orders under this list for paving of City roadways.

**Financial Issues**

The City has remaining in the paving budget for Fiscal Year 2012-13 an approximate amount of \$160,000 in account 102-4102-541-6300 (PO 74129 (GN-1202)). With the approved 2013-14 budget a new purchase order in the amount of \$1,308,946 will be issued to D.N. Higgins, Inc. To the extent available in future years, the City will budget \$1,000,000.00 annually for continued paving improvements.



**Figure 14 - Five-Year Network PCI Analysis Results**

Figure 14 may be used to estimate the impact on PCI at various funding levels without the need to complete additional analysis runs. For example, at a funding level of \$400k/yr, the five year PCI score would drop to a PCI score just over 60. Conversely, Figure 14 may be used to identify the funding required to meet a specified Target PCI. For example, should the City wish to achieve a network average of 67.5 within 5 years, approximately \$1.0M per year would be required.

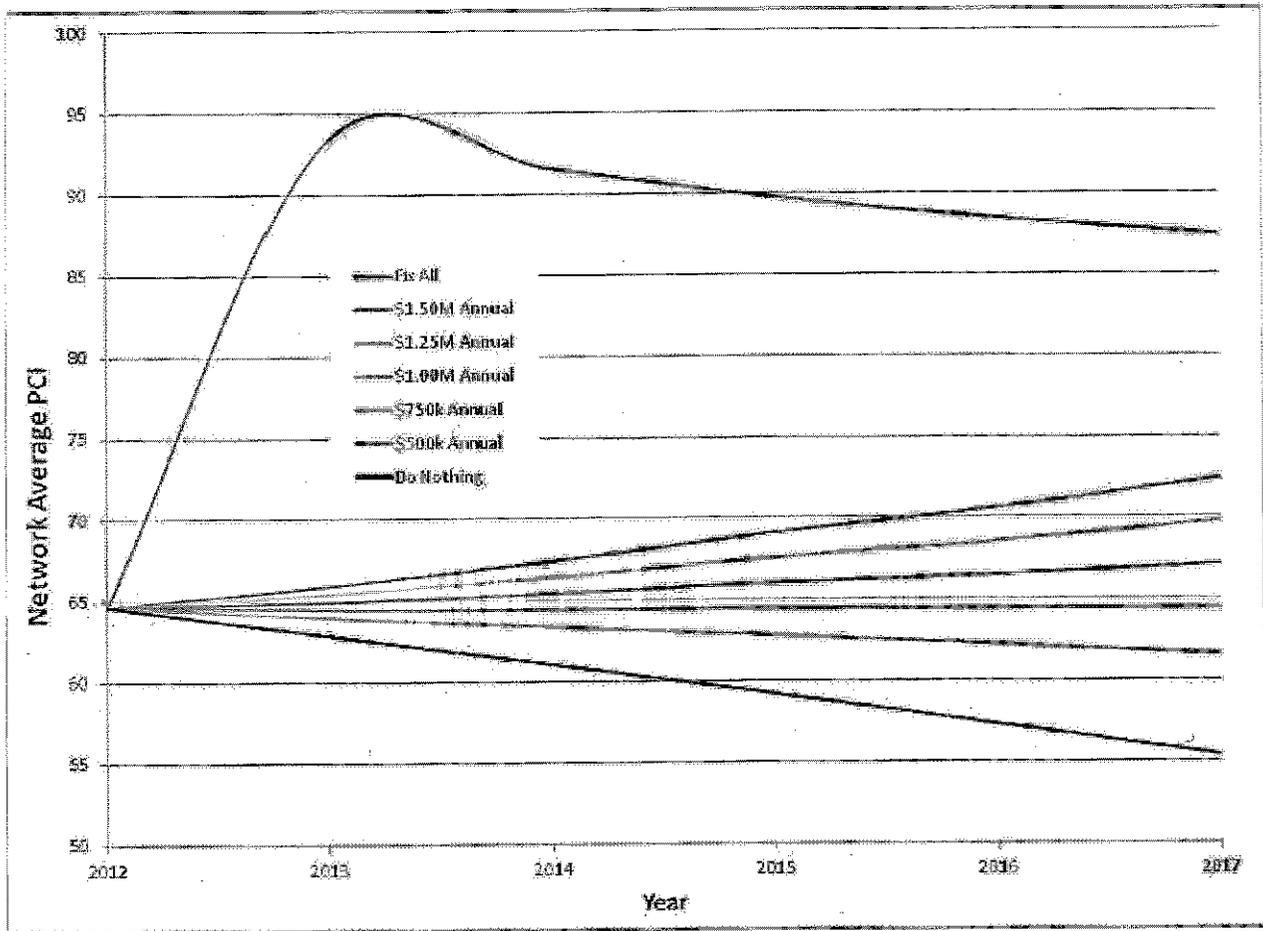


Figure 15 - Five-Year Annual PCI

Figure 15 presents the same analysis results on an annual basis. This shows that if the budget falls below \$750k, the condition of the roads would follow a path of steady deterioration due to deferred maintenance.

Recommendation

Staff recommends option #1, Approve this list of roadways to be paved under the Asphalt Paving Contract and authorize City staff to issue a purchase order for the budgeted amount \$1,308,946 and issue work orders under this list for paving of City roadways.

**Proposed 2014 Paving List**  
**Asphalt Paving Contract**  
**Proj. No. GN-1202 (ITB 13-001)**

**ASPHALT QUANTITY**

**Mill and Paves**

Eisenhower Drive (Palm to Truman)	5,315 square yards
Simonton Street (Simonton Beach to Eaton)	6,620 square yards
Duck Avenue (16 <sup>th</sup> to 19th)	7,040 square yards

**TOTAL ESTIMATED COST**                      **\$632,100 - \$663,700**

**Partial Reconstruction**

Duck Avenue (20 <sup>th</sup> to S. Roosevelt)	2,347 square yards
Duck Avenue (19 <sup>th</sup> to S. 20th)	2,347 square yards
5 <sup>th</sup> Street (N. Roosevelt to Flagler) ( <i>night work</i> )	6,240 square yards
Dennis Street (Blanche to Venetia)	995 square yards

**TOTAL ESTIMATED COST**                      **\$495,700 - \$520,500**

**Reconstruction**

Front Street (Simonton to Duval)	1,784 square yards
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**TOTAL ESTIMATED COST**                      **\$154,000 - \$161,700**

**Tentative Mill and Pave**

College Road (U.S. 1 to Kokenzie)	7,691 square yards
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This work is dependent on funding and Transit facility completion

**TOTAL ESTIMATED COST**                      **\$270,500 - \$284,000**

**Miscellaneous**

Any remaining funds will be used for miscellaneous roadway repairs around the island.

RESOLUTION NO. 13-057

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, APPROVING THE BID OF DOUGLAS N. HIGGINS, INC., FOR THE ASPHALT PAVING PROJECT (PROJECT #GN-1202 AND GN-1201); PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, D.N. Higgins, Inc. was the sole responsive bid in response to the City's ITB for asphalt paving project;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, AS FOLLOWS:

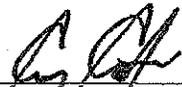
Section 1: That the bid of Douglas N. Higgins, Inc. is hereby approved and the City Manager is authorized to enter into an agreement in conformity with the bid documents, upon the advice and consent of the City Attorney.

Section 2: That this Resolution shall go into effect immediately upon its passage and adoption and authentication by the signature of the presiding officer and the Clerk of the Commission.

Passed and adopted by the City Commission at a meeting held this 20 day of February, 2013.

Authenticated by the presiding officer and Clerk of the Commission on February 20, 2013.

Filed with the Clerk February 21, 2013.

  
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CRAIG CATES, MAYOR

ATTEST:

  
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CHERYL SMITH, CITY CLERK