

**RESOLUTION 16-72**

**A RESOLUTION AUTHORIZING FUNDING FOR  
ROADWAY REPAIRS IN WOODLAND TRACE**

**WHEREAS**, the Spring Hill Board of Mayor and Aldermen is committed to the safety of the citizens of the City of Spring Hill, TN; and

**WHEREAS**, City staff is recommending to repair the road in Woodland Trace due to settling from improper installation of sewer main; and

**WHEREAS**, the City currently has \$46,547.28 in called bond funds available to apply towards the total cost; and

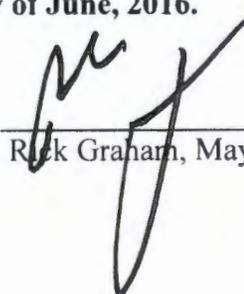
**WHEREAS**, the estimated cost to repair is \$73,000, as follows:

Contractor to perform work (paid hourly)	\$ 6,880.00
Rock material to backfill	\$48,120.00
Concrete work	\$10,000.00
Paving	\$ 8,000.00

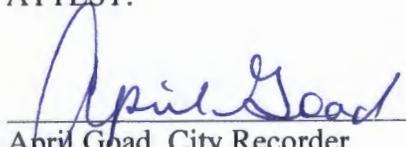
; and

**NOW, THEREFORE BE IT RESOLVED**, by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee that an expenditure not to exceed \$27,000.00 is hereby authorized for roadway repairs to Woodland Trace.

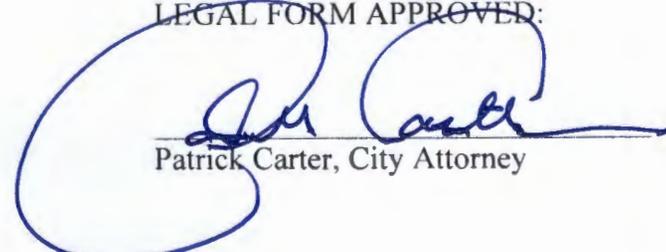
**Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee, this 20th day of June, 2016.**

  
\_\_\_\_\_  
Rick Graham, Mayor

ATTEST:

  
\_\_\_\_\_  
April Goad, City Recorder

LEGAL FORM APPROVED:

  
\_\_\_\_\_  
Patrick Carter, City Attorney

**SUBJECT:** Request for funding for roadway repairs in Woodland Trace

**DATE:** June 14, 2016

**ATTENTION:** Board of Mayor and Aldermen

**STAFF:** Jeff Foster, Public Works Director



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## **STAFF MEMORANDUM**

The purpose of this memo is to provide information regarding a resolution to request funding for roadway repairs in Woodland Trace.

### **Background:**

Due to settling from improper installation of a sewer main, the street in Woodland Trace is failing and caving in. Because of this, the homeowners' driveways and aprons are pulling away from the streets as well. The bond for Woodland Trace was called by the City several years ago and there is still \$46,547.28 being held by the City to help with costs. The estimated cost to repair the roadway is \$73,000.00. Staff is requesting funding not to exceed \$27,000 (the difference between total cost and bond funds available). Staff also recognizes expenditures over \$10,000 are normally bid out. However, the need to fix this is urgent to avoid further repair costs so staff is asking BOMA to review this as an emergency repair.

### **Staff Recommendation:**

Staff recommends approval of the request for funding.

# CEC, INC.

CONSTRUCTION & ENVIRONMENTAL CONSULTANTS, INC.

May 10, 2016

Mr. Jeff Foster  
Mr. Tom Wolf  
City of Spring Hill, Tennessee

## INVOICE

**Re: Project #2016-28, Inspection of roadway failure 1007 Neely's Bend Road in Spring Hill, Maury County, Tennessee 37174.**

5/10/2016 Inspection of site	
2 hours @ \$125.00/hour	\$250.00
1 hour report of findings and recommendations	\$125.00
	<b>TOTAL \$375.00</b>

**WE APPRECIATE YOUR BUSINESS**

**TERMS: NET 15 DAYS**  
**SERVICE CHARGE OF 1-1/2% PER MONTH ON UNPAID BALANCE**

*Thanks  
Wm Dunnebacke*

# CEC, INC.

CONSTRUCTION & ENVIRONMENTAL CONSULTANTS, INC.

May 10, 2016

Mr. Jeff Foster  
Mr. Tom Wolf City Engineer  
City of Spring Hill, Tennessee

**Re: Project #2016-28 Inspection of failed roadway along Neely's Bend Road in Spring Hill, Maury County, Tennessee 37174.**

Dear Mr. Foster and Mr. Wolf:

It was pleasure to meet with you this morning. I feel that we can correct the problem area.

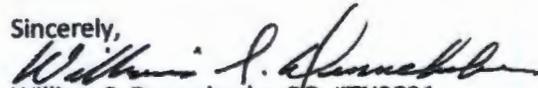
Concerning the road failure along Neely's Bend Road, CEC, Inc. feels several things have occurred here. We feel like the rock was overshot during construction and was left in place and not removed and recompacted adequately. When rock is blasted it swells approximately 25 to 30%. If not removed and recompacted it will have voids and loose materials though out. We also feel that surface water has moved into the fill causing more settlement under the roadway. Water and gravity have also caused the sidewalk to slide toward the roadway.

CEC, Inc. feels that the correct way to repair this problem would be to excavate the street from the manhole in front of 1007 Neely's Bend Road to approximately 50 feet to the south. This excavation should be all the way across the street to the depth of the bottom of the manhole. When completed this excavation will be 50'x25'x20' deep. The area of the sewer line and it's #57 stone envelope should not be disturbed during this excavation.

Once excavated the entire excavation should be lined geogrid geotextile fabric. This materials should be across the floor and all four sides of the excavation. The excavation shall be backfilled with 6"x8" gabian stone. This stone shall be filled within 18" of the surface then covered with another close cell geotextile cloth. The remainder of the street should be prepared for normal paving specifications. The geotextile fabrics and rock will make a pervious plug that will not move or settle.

I hope this information is adequate and agreeable. If you need more information or if I can be of further assistance please feel free to give me a call @ 931-698-7577 or email [wdunnebacke56@yahoo.com](mailto:wdunnebacke56@yahoo.com)

Sincerely,



William S. Dunnebacke, PG #TN2021  
President, CEC, Inc.

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CONSTRUCTION & ENVIRONMENTAL CONSULTANTS, INC.

May 10, 2016

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Mr. Tom Wolf  
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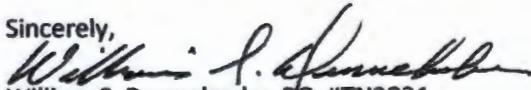
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William S. Dunnebacke, PG #TN2021  
President, CEC, Inc.

## John Pewitt

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**From:** Jeff Foster  
**Sent:** Monday, June 20, 2016 6:54 PM  
**To:** John Pewitt  
**Subject:** Fwd: Woodland Trace road repair

Sent from my iPhone

Begin forwarded message:

**From:** Jeff Foster <jfoster@springhilltn.org>  
**Date:** June 20, 2016 at 11:04:47 AM CDT  
**To:** Victor Lay <vlay@springhilltn.org>  
**Cc:** Dan Allen <dallen@springhilltn.org>  
**Subject:** Woodland Trace road repair

Bond Money \$48,965.63

Rock from Marshall County Stone 3,200 ton \$15.00 ton \$48,000.00

Pavement TVP \$6,000.00

Concrete M.A.Y construction \$9,900.00

Floyd and Floyd construction \$6,888.00

Bond money	\$ 48,965.63
Rock	\$ 48,000.00
Pavement TVP	\$ 6,000.00
Concrete M.A.Y construction	\$ 9,900.00
Floyd and Floyd construction	\$ 6,888.00
Different	\$ 21,814.37