



**City of North Royalton**  
Mayor Robert A. Stefanik

Daniel J. Collins, P.E.  
Assistant City Engineer

Diane Veverka  
Engineering Secretary

**Mark A. Schmitzer, P.E.**  
City Engineer

**CHANGE ORDER #1**

**PROJECT: 2014 Asphalt Pavement Rehabilitation with Asphalt Overlay Program**

**CONTRACTOR: Crossroads Asphalt Recycling, Inc.**

**CHANGES ORDERED:** **+/- Change (\$)**

Cement stabilization of underlying subbase to affected roadways +\$ 80,900.80

**TOTAL CHANGE: +\$ 80,900.80**

**SUMMARY**

**DOLLARS**

Original Contract Total:	\$ 392,168.52
Net Change Previously Authorized:	\$ 0.00
Net Change, This Change Order #:	\$ 80,900.80
New Authorized Total:	\$ 473,069.32

- NOTE:
- A. The aforementioned changes, and the work affected thereby, are subject to all contract stipulations and covenants;
  - B. The rights of the Public Agency are not prejudiced; and
  - C. All claims against the Public Agency which are incidental to, or as a consequence of, the above changes are satisfied.

APPROVED:  
OWNER

APPROVED:  
CONTRACTOR

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

# Crossroads Asphalt Recycling, Inc

13421 Hawke Road • Columbia Station, Ohio 44028

Phone: 440-236-5066

Fax: 440-236-3506

[www.crossroadsasphalt.com](http://www.crossroadsasphalt.com)

E-mail: [info@crossroadsasphalt.com](mailto:info@crossroadsasphalt.com)

June 24, 2014

City of North Royalton  
11545 Royalton Road  
North Royalton, Ohio 44133

Attn: Mark A. Schmitzer, P. E.

RE: 2014 Asphalt Pavement Rehabilitation with Asphalt Overlay

Dear Mr. Schmitzer, P.E.,

Crossroads Asphalt Recycling, Inc, would like to submit the following change order as requested by the City based on the variable thickness of existing asphalt and underlying base material encountered after the milling process began. It is the intent to cement stabilize the underlying base prior to installing the intermediate and surface asphalt courses. The requested cement stabilized base would be a total of (6) six inches and the addition of (3) three inches of asphalt pavement as per plan would result in a (9) nine inch pavement design.

**Design:** Cement Stabilization – ODOT 206  
**Location:** James Drive, Jay Street, Julia Drive, Harley Hills Boulevard, Hi View Drive  
**Area:** Approximately 17,140 Square Yards

- ⇒ Spread Portland Cement at a rate of (6) six percent based on 110 pcf of existing base material
- ⇒ Pulverize the existing asphalt, underlying base, and Portland Cement to a depth of (6) six inches
- ⇒ Re-mix the blended material with the addition of water bring the mix to 2% above optimum moisture
- ⇒ Fine grade and compact using no less than a (20) twenty ton vibratory roller
- ⇒ Apply the single Chip Seal as per plan to perform as the cure coat
- ⇒ Allow 5-7 day cure prior to placement of Intermediate Asphalt Course
- ⇒ Pricing based on (1) one mobilization
- ⇒ Price includes on-site testing and inspection fees

**6" Cement Stabilization      17,140 SY      x      \$4.72/SY      =      \$80,900.80**

AN EQUAL OPPORTUNITY EMPLOYER

Labor and Equipment	\$38,529.90
<u>Contractors Fee (15% 12.01 C)</u>	<u>\$ 5,779.49</u>
<b>Total</b>	<b>\$44,309.39</b>

Material	\$30,600.00
<u>Contractors Fee (15% 12.01 C)</u>	<u>\$ 4,590.00</u>
<b>Total</b>	<b>\$35,190.00</b>

Inspection	\$ 912.00
Inspection Overtime	\$ 342.00
<u>Inspection Expenses</u>	<u>\$ 150.00</u>
<b>Total</b>	<b>\$1,404.00</b>

<b>Unit Price</b>	<b>\$80,900.80</b>	<b>\$4.72/SY</b>
Labor	\$45,713.39	\$2.67/SY
Material	\$35,190.00	\$2.05/SY

Please feel free to call with any questions or comments.

Thank you for the opportunity,



Jeremy Ciehanoski