

## CERTIFICATE OF SUBSTANTIAL COMPLETION

**ENGINEER'S PROJECT NO.:** 127-A1-087

**PROJECT NAME:** 18th Street & Heartland Road Infrastructure

**CONTRACTOR:** Paulsen, Inc.

**CONTRACT FOR:** \$403,082.50

**AGREEMENT DATE:** 9/10/2013

This Certificate of Substantial Completion applies to all work under the Contract Documents or to the following specified parts thereof:

<i>Item No.</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Total Amount</i>
<b>18TH STREET</b>					
1	Mobilization	1	L.S.	\$ 24,000.00	\$ 24,000.00
<b>WATER</b>					
2	Furnish & Install C900 PVC Water Main with Tracer Wire				
	a. 6" Water Main	650	L.F.	\$ 25.00	\$ 16,250.00
3	Furnish & Install Gate Valves and Box, complete in place				
	a. 6" Valve	4	Each	\$ 950.00	\$ 3,800.00
4	Furnish & Install Fittings, complete in place				
	a. 6" x 6" Cross	1	Each	\$ 410.00	\$ 410.00
	b. 6" 45 Degree Bend	3	Each	\$ 200.00	\$ 600.00
	c. 6" Plug	1	Each	\$ 160.00	\$ 160.00
5	Furnish & Install Connections				
	a. 6" Connection	2	Each	\$ 620.00	\$ 1,240.00
6	Water Main Lowering				
	a. 6"	2	Each	\$ 2,900.00	\$ 5,800.00
7	Remove, Salvage, and Re-Install Fire Hydrant				
	a. 5.5' Bury FH	1	Each	\$ 900.00	\$ 900.00
8	Furnish & Install 6" Line Stop (if required)	0	Each	\$ 4,200.00	\$ -
<b>SANITARY SEWER</b>					
9	Furnish & Install SDR 35 PVC				
	a. 8" Sewer Main	94	L.F.	\$ 49.00	\$ 4,606.00
10	Construct A-Lok Manhole	1	Each	\$ 4,000.00	\$ 4,000.00
11	Furnish & Install Fittings, complete in place				
	a. 8" Plug	1	Each	\$ 100.00	\$ 100.00
12	Furnish & Install Gravel Bedding	94	L.F.	\$ 3.50	\$ 329.00
<b>PAVING &amp; DRAINAGE</b>					
13	Common Earth Excavation	600	C.Y.	\$ 6.50	\$ 3,900.00
14	Over excavation of Unsuitable Base (if required)	180	C.Y.	\$ 5.00	\$ 900.00
15	Construct P.C. Concrete Pavement Type 47-B Modified				
	a. 6" Thick	3990	S.Y.	\$ 35.30	\$ 140,847.00
16	Construct Integral Curb	1985	L.F.	\$ 1.50	\$ 2,977.50

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total Amount</b>
17	Remove & Haul				
	a. Concrete Pavement	90	S.Y.	\$ 7.00	\$ 630.00
	b. Concrete Header	30	L.F.	\$ 4.00	\$ 120.00
18	Adjust to Grade				
	a. Valve Box	0	Each	\$ 300.00	\$ -
	b. Manhole	0	Each	\$ 300.00	\$ -
19	Construct Curb Inlet With 4' Throat	1	Each	\$ 2,200.00	\$ 2,200.00
20	Construct Curb Inlet With 6' Throat	1	Each	\$ 2,800.00	\$ 2,800.00
21	Construct Curb Inlet With 10' Throat	1	Each	\$ 3,000.00	\$ 3,000.00
22	Construct Curb Inlet With 12' Throat	1	Each	\$ 3,200.00	\$ 3,200.00
23	Construct Junction Manhole	1	Each	\$ 3,200.00	\$ 3,200.00
24	Furnish & Install				
	a. 15" RCP	82	L.F.	\$ 40.00	\$ 3,280.00
	b. 24" RCP	30	L.F.	\$ 70.00	\$ 2,100.00
	c. 30" RCP	184	L.F.	\$ 66.00	\$ 12,144.00
	d. 24" RCP FES	1	Each	\$ 750.00	\$ 750.00
25	Drill & Grout Tie Bars	20	Each	\$ 5.00	\$ 100.00
26	Construct, Maintain, and Remove Erosion Control Items				
	a. Silt Fence	40	L.F.	\$ 6.00	\$ 240.00
	b. Concrete Washout Pit	1	Each	\$ 500.00	\$ 500.00
27	Furnish & Apply				
	a. Type B Seeding Mulch & Fertilizer	0	Ac.	\$ 5,000.00	\$ -
A	Driveway Concrete Removal	40	S.Y.	\$ 7.00	\$ 280.00
B	Driveway 6" Concrete Replacement	40	S.Y.	\$ 38.00	\$ 1,520.00
C	Install 4' Wide 4" Thick Sidewalk	712	S.F.	\$ 4.25	\$ 3,026.00
D	Install Handicap Detector Panel	2	Each	\$ 150.00	\$ 300.00
<b>TOTAL BID A (18TH STREET)</b>					<b>\$ 250,209.50</b>
<b>HEARTLAND ROAD</b>					
1	Mobilization	1	L.S.	\$ 7,000.00	\$ 7,000.00
2	Common Earth Work	1400	C.Y.	\$ 10.80	\$ 15,120.00
3	Overexcavation of Unsuitable Base (if required)	0	C.Y.	\$ 5.00	\$ -
4	Construct P.C. Concrete Pavement Type 47-B Mod				
	a. 8" Thick	2125.5	S.Y.	\$ 39.10	\$ 83,107.05
5	Construct Integral Curb	1210	L.F.	\$ 1.50	\$ 1,815.00
6	Adjust to Grade				
	a. Valve Box	0	Each	\$ 300.00	\$ -
7	Construct Curb Inlet With 14' Throat	4	Each	\$ 3,700.00	\$ 14,800.00
8	Furnish & Install				
	a. 15" RCP	9	L.F.	\$ 45.00	\$ 405.00
	b. 18" RE RCP	138	L.F.	\$ 75.00	\$ 10,350.00
	c. 24" RE RCP	6	L.F.	\$ 100.00	\$ 600.00
	d. 15" RCP FES	1	Each	\$ 800.00	\$ 800.00
	e. 24" RE RCP FES	2	Each	\$ 865.00	\$ 1,730.00
9	Construct Drainage Swale	0	L.F.	\$ 15.00	\$ -

<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total Amount</b>
10	Construct, Maintain, and Remove Erosion Control Items				
	a. Silt Fence	30	L.F.	\$ 6.00	\$ 180.00
	b. Concrete Washout Pit	1	Each	\$ 500.00	\$ 500.00
11	Furnish & Apply				
	a. Type B Seeding Mulch & Fertilizer	0.55	Ac.	\$ 5,000.00	\$ 2,750.00
<b>TOTAL BID B (HEARTLAND ROAD)</b>					<b>\$ 139,157.05</b>
<b>TOTAL CONSTRUCTION COST</b>					<b>\$ 389,366.55</b>

**TO: PAULSEN, INC.**

**AND TO: CITY OF LEXINGTON**

The Work to which this Certificate applies has been inspected by authorized representatives of

7/7/2014

The following documents are attached to and made a part of this Certificate:

FINAL PAY ESTIMATE  
CHANGE ORDER #1

This certificate does not constitute an acceptance of Work not in accordance with the Contract

Executed by ENGINEER on this 14<sup>th</sup> day of July, in the year 2014.

**MILLER & ASSOCIATES  
CONSULTING ENGINEERS, P.C.**

By 

The CONTRACTOR accepts this Certificate of Substantial Completion on the 11<sup>th</sup> day of July, in the year 2014.

**PAULSEN, INC.**

By 

The OWNER accepts this Certificate of Substantial Completion on the \_\_\_\_ day of \_\_\_\_\_, in the year 2014.

**CITY OF LEXINGTON**

By \_\_\_\_\_