



A SUBSIDIARY OF SJB SERVICES, INC.

☐ **CORPORATE/  
BUFFALO OFFICE**

5167 South Park Avenue  
Hamburg, NY 14075  
Phone: (716) 649-8110  
Fax: (716) 649-8051

☐ **ALBANY OFFICE**

PO Box 2199  
Ballston Spa, NY 12020

5 Knabner Road  
Mechanicville, NY 12118  
Phone: (518) 899-7491  
Fax: (518) 899-7496

☐ **CORTLAND OFFICE**

60 Miller Street  
Cortland, NY 13045  
Phone: (607) 758-7182  
Fax: (607) 758-7188

☒ **ROCHESTER OFFICE**

535 Summit Point Drive  
Henrietta, NY 14467  
Phone: (585) 359-2730  
Fax: (585) 359-9668

August 19, 2014  
Project No. RE-14-017

Bergmann Associates  
28 East Main Street  
200 First Federal Plaza  
Rochester, New York 14614

Attention: Mr. Michael T. Croce, P.E.  
Project Manager

Re: August 2014 Geotechnical Evaluation Report  
Follow-up Information  
Proposed Realignment Project – PIN 4755.55  
Rochester, New York

Dear Mr. Croce:

This letter presents the results of the laboratory testing completed on the selected soil samples obtained from the test borings previously completed at the above referenced project site. The test boring logs for borings B-1 through B-4 are presented in our August 2014 Geotechnical Evaluation Report (2014 Report).

### Laboratory Testing & Results

As stated in the 2014 Report, the soil samples collected between depths of about 4 feet to 6 feet from test borings B-3 and B-4 as well as a composite sample obtained between depths of 4 feet to 8 feet from test boring B-2 were tested for resistivity, redox, pH, moisture and sulfides in accordance to the procedures established by the Ductile Iron Pipe Research Association (DIPRA test). The testing was completed in SJB Services, Inc. geotechnical testing laboratory, our affiliated subsurface exploration and construction materials testing firm. The resulting total DIPRA points were 5 or 6 for the three samples tested, indicating these samples have a relatively low potential for corrosive action. Refer to the Laboratory DIPRA test results presented as Attachment A for more information.

MEMBER

**ACEC New York**  
American Council of Engineering Companies of New York

Bergmann Associates  
August 19, 2014  
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Please feel free to contact me should you have any questions or wish to discuss this follow up letter.

Sincerely,

EMPIRE GEO-SERVICES, INC.

A handwritten signature in blue ink, appearing to read 'W. Allen', is positioned above the printed name.

Wanda M. Allen, P.E.  
Geotechnical Engineer

Attachments:

Attachment A – DIPRA Laboratory Test Report

**ATTACHMENT A**  
**DIPRA LABORATORY TEST RESULTS**



Rochester Office  
535 Summit Point Drive  
Henrietta, NY 14467

## LABORATORY D.I.P.R.A. TESTS

Project: Dewey Ave - Driving Park Ave Inter. Realign.

Project Number: RE-14-017

Town /City: Rochester, NY

Date: 08-19-2014

Client: Bergmann Associates

Technician: William Gilmore

### Summary of Laboratory Analysis Soil

Lab ID:	Location:	Resistivity (Ohm-cm)	Redox (mv)	PH	Sulfides (+,T,-)	% Moisture Content (wet, moist, dry)	TOTAL POINTS
		<i>Points</i>	<i>Points</i>	<i>Points</i>	<i>Points</i>	<i>Points</i>	
14-602	B-2 Depth = 4' – 8' (Composite Sample)	8,500	-6.5	7.55	-	Moist (6.8%)	6
		0	5	0	0	1	
14-603	B-3 Depth = 4' – 6'	9,200	6.9	7.62	-	Moist (6.5%)	5
		0	4	0	0	1	
14-604	B-4 Depth = 4' – 6'	8,200	25.3	7.41	-	Moist (8.2%)	5
		0	4	0	0	1	

***Per the Ductile Iron Pipe Research Association (DIPRA), point totals 10 or greater should be considered for Cathodic Protection.***