



Public Works Committee

411 Main Street
Catskill, NY 12414

Committee Meeting
<http://greenegovernment.com/>

~ Agenda ~

Monday, September 8, 2014

6:00 PM

Caucus Room 468

Public Works Members: Chairperson Hitchcock; Legislators Martinez, Lawrence, Hatton, H. Lennon and Kozloski

Call to Order

Highway Superintendent's Report

Highway Superintendent's Report - August 2014

Proposed Agenda Items:

1. Authorizing Change Order No. 10 Necessary For The Completion Of The Westkill Bank Stabilization/CR06 Project Town Of Lexington
2. Authorizing The Highway Department To Enter Into An Agreement With Barton & Loguidice, P.C. For Engineering Design Services For The Repair Or Replacement Of Cauterskill Road Bridge Over Kaaterskill Creek, BIN 3-20068-0, Town Of Catskill, PIN 1757.13
3. Accepting Formal Proposal For Engineering Work Necessary For The Design And Part Time Construction Inspection Services For The Superstructure Replacements And Abutment Repairs/Modifications For The Hearts Content Road (CR31) Bridge Over The Kiskatom Brook, BIN 3-30325-0; And The Replacement Of The CR24 Large Culvert, Both Located In The Town Of Cairo
4. Awarding Bid For Abrasives (Dry Screened And Washed) Used In Snow And Ice Control

Adjournment



**Greene County
Highway Department**

240 West Main Street
Post Office Box 485
Catskill, New York 12411

Gary R. Harvey, L.S.
Superintendent

Robert J. Van Valkenburg
Deputy Superintendent

September 2, 2014

Public Works Committee
Jim Hitchcock, Chairman
411 Main Street
Catskill, NY 12414

Dear Committee:

The following is a list of departmental activities and projects currently in progress or completed for the month of August 2014.

- 1.) Routes 9W/81/385. intersection improvements. Town of Cossackie: Contractor addressing final punch list items.
- 2.) CR47 Bridge. over the Kaaterskill Creek. BIN 3-30282-0 PIN 1759.52 (HBP) Town of Catskill: proceeding with closeout of project.
- 3.) Jewett Heights Bridge (CR17) over the Batavia Kill, Town of Ashland. (BIN 3-30321-0, PIN 1759.24) (HBP): Progressing with ROW.
- 4.) Carr Road Bridge over the Schoharie Creek. Town of Jewett. (BIN 3-20117-0, PIN 1759.23) (HBP); Contractor mobilized on job, installed temporary detour bridge.
- 5.) Bridge Preservation Project (PIN 1756.47) (HBP); CR27 Town of Durham, CR65 Town of Windham, CR23B Town of Catskill: submitted design report to NYS DOT, for review.
- 6.) Black Bridge over the Catskill Creek. (PIN 1759.71) Village of Catskill (TEP); Entered into agreement with Creighton Manning for design.
- 7.) Bridge Program:
County Bridge Crew:
 - 1.) Miscellaneous bridge and guide rail repairs.
 - 2.) Safety Flag repairs.
 - 3.) Concrete deck sealing.
 - 4.) Slater Road Bridge. Town of Windham, contractor did earthwork for approaches, and set concrete beams.
- 8.) Paving Program:
 - a.) CR56, Town of Windham: 1.3 miles
 - b.) CR23B, Main Street Cairo: 1.2 miles
 - c.) CR41, Town of Cairo: 1.6 miles

Attachment: Superintendent's Report August 2014 (1265 : Highway Superintendent's Report - August 2014)



Public Works Committee
 September 2, 2014
 Page 2

- 9.) FEMA Disaster 4020 Hurricane Irene (August 28, 2011)
 - a. Coordination with FEMA and OEM representatives to finalize projects.
 - b. Compiling and processing paperwork, for closeouts.

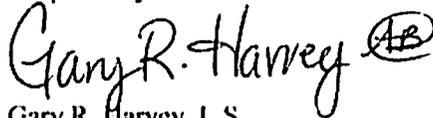
- 10.) Engineering Division:
 - a. Culvert Management Program
 - b. Highway Permits
 - c. Construction Projects Planning and Supervision
 - d. Capital Projects Administration
 - e. Pavement Management Plan
 - f. FEMA Projects Administration, and projects closeout.

- 11.) Assistance to municipalities and other departments.
 - a. Cutting dangerous trees for the Town of Cairo, and the Ashland Fire Department.
 - b. Moved equipment for the Towns of Ashland, Windham and Coxsackie.
 - c. County parking lot paving and striping.

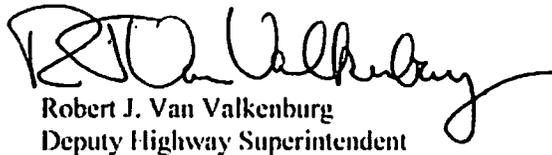
- 12.) Road Slide Repairs: (CR6) Town of Lexington:
 - a. CR6 Slide Project: Proceeding with project closeout.

- 13.) Road Maintenance:
 - a. Sweeping
 - b. Ditching
 - c. Brush and limb clearing.
 - d. CR17, large culvert repair.

Respectfully submitted,

 (AB)

Gary R. Harvey, L.S.
 County Highway Superintendent



Robert J. Van Valkenburg
 Deputy Highway Superintendent



Resolution No.

Authorizing Change Order No. 10 Necessary For The Completion Of The Westkill Bank Stabilization/CR06 Project Town Of Lexington

WHEREAS, the County Highway Superintendent in conjunction with the Project Engineers, Milone & MacBroom has determined that additional stormwater drainage work along CR06 is necessary for the successful completion of the Project; and

WHEREAS, this modification is beyond the original scope of work;

NOW, THEREFORE, BE IT RESOLVED, that the County Highway Superintendent be and hereby is authorized to approve said change order No. 10 in the amount of \$10,550.67 to the original contract price; and

BE IT FURTHER RESOLVED, that the Greene County Treasurer be authorized to pay Bast Hatfield Construction, LLC., 1399 Crescent Visher Ferry Road, Clifton Park, NY 12065, who is the contractor for said project, an additional \$10,550.67 upon acceptance and approval by the County Superintendent from Project 77.

ATTACHMENTS:

- Westkill Bank Stabilization (PDF)

Exhibit "A"						
Proposal 1338- 0001R						
BHC 1338 (County Route 6)						
Green County Highway Department						
						7/9/2014
LABOR:	TRADE:	DESCRIPTION:	QTY.	UNIT:	RATE:	TALLY:
	Operator A	Excavator clean ditch line for light stone fill installation. County Route 6	20.5	hrs	\$72.20	\$1,480.10
	Operator B	Loader, supply stone to excavator. County Route 6	20.5	hrs	\$71.14	\$1,458.37
	Labor	Flagging County Route 6	0	hrs	\$56.78	\$0.00
				hrs		\$0.00
				hrs		\$0.00
				hrs		\$0.00
				hrs		\$0.00
LABOR SUBTOTAL:						\$2,938.47
MATERIAL:	ITEM:	DESCRIPTION:	QTY.	UNIT:	RATE:	TALLY:
	light stone fill	light stone for the ditch line	176.6	Tons	\$19.65	\$3,470.19
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
MATERIAL SUBTOTAL:						\$3,470.19
EQUIPMENT:	MACHINE:	DESCRIPTION:	QTY.	UNIT:	RATE:	TALLY:
	w/fuel	Excavator LinkBelt 160 with hyd. Thumb	0	day	\$600.00	\$0.00
		Loader	3	day	\$625.00	\$1,875.00
		Dump Truck	8	hr	\$100.00	\$800.00
		Mobilize Equipment				\$0.00
		Crane				\$0.00
		Light Plant				\$0.00
		Trench shield/sheeting				\$0.00
EQUIPMENT SUBTOTAL:						\$2,675.00
SUBCONTRACTOR	DESCRIPTION:		QTY.	UNIT:	RATE:	TALLY:
						\$0.00
						\$0.00
SUBCONTRACTOR SUBTOTAL:						\$0.00
OWN FORCES CHANGE ORDER SUBTOTAL:						\$9,083.66
BHI OWN FORCES OVERHEAD & PROFIT 15%:						\$1,362.55
SUBCONTRACTOR CHANGE ORDER SUBTOTAL:						\$0.00
SUBCONTRACTOR OVERHEAD & PROFIT 5%:						\$0.00
INCREASED BOND FEE 1%:						\$104.46
TOTAL CHANGE ORDER						\$10,550.67

Attachment: Westkill Bank Stabilization (1263 : Auth. Change Order No. 10 Westkill Bank Stabilization)



Resolution No.

Authorizing The Highway Department To Enter Into An Agreement With Barton & Loguidice, P.C. For Engineering Design Services For The Repair Or Replacement Of Cauterskill Road Bridge Over Kaaterskill Creek, BIN 3-20068-0, Town Of Catskill, PIN 1757.13

WHEREAS, the above referenced project is for a federal, and locally funded project, located in Greene County, under the Federal-Aid Highway Bridge Program (HBP); and

WHEREAS, Barton and Loguidice has been designated as the engineers for said project; and

WHEREAS, the County Highway Department, with the assistance of the New York Department of Transportation, has negotiated with and reached agreement with Barton and Loguidice, P.C. for compensation of services for engineering design of said project; and

WHEREAS, the total cost of this contract is not to exceed \$252,381.00;

NOW THEREFORE, BE IT RESOLVED, that the County Highway Superintendent be and hereby is authorized to enter into an agreement with Barton and Loguidice, P.C., 10 Airline Drive, Suite 200, Albany, NY 12205 as consultants for engineering design services for said project, subject to approval as to form by the Greene County Attorney and to be paid from Project 86.

ATTACHMENTS:

- B&L Cauterskill Road Bridge (PDF)

Attachment A
Architectural/ Engineering Consultant Agreement
Project Description and Funding

PIN: 1757.13 Term of Agreement Ends: 12/31/16

BIN: 3200680

Main Agreement Amendment to Agreement [add identifying #] Supplement to Agreement

Phase of Project Consultant to work on:

P.E./Design ROW Incidentals ROW Acquisition Construction, C/I, & C/S

Dates or term of Consultant Performance:
 Start Date: With Executed Agreement
 Finish Date: 12/31/2016

PROJECT DESCRIPTION:

Preliminary and Final Design Services, and Construction Support (by Supplemental Agreement) for the proposed bridge Repair or Replacement of the Cauterskill Road Bridge over the Schoharie Creek (BIN 3200680), in the Town of Catskill, Greene County, New York.

Project Location:
 Town of Catskill, Greene County, New York

Consultant Work Type(s): See Attachment B for more detailed Task List.
 Design survey and mapping, ROW survey, preliminary and final design,
 environmental studies, bidding and construction support

MAXIMUM AMOUNT OF FUNDS FOR ALL COMPENSATION PAYABLE UNDER THIS AGREEMENT FOR THE SCOPE OF WORK DESCRIBED IN ATTACHMENT B FOR THE PROJECT DESCRIBED IN THIS ATTACHMENT A, OTHERWISE IN ACCORDANCE WITH THE CHOSEN METHOD OF COMPENSATION AND OTHER TERMS OF THIS AGREEMENT:

\$ 252,381

Footnotes:

Attachment: B&L Cauterskill Road Bridge (1262 : Auth. Hwy Dept. to Enter into Agreement with B&L for Cauterskill Rd. Bridge)

FEE SUMMARY

BARTON & LOGUIDICE, D.P.C.
GREENE COUNTY - CAUTERSKILL ROAD OVER KAATERSKILL CREEK
PIN 1757.13

			Total
Item IA, Total Labor Costs based on Specific Rates			\$61,493
Item IB, Direct Technical Salaries Premium Portion of overtime subject to audit (estimate)			\$0
Item II, Direct Non- Salary Cost (estimated) subject to audit			\$4,693
Item II Direct Non- Salary Cost (estimated) subject to audit (Sub-Contractor Cost)			\$7,000
Item II Direct Non- Salary Cost (estimated) subject to audit (Sub-Consultant Cost)	Survey Right-of-Way	MJ Engineering SCH Support Service	\$27,000 \$16,004
Item III, Overhead (estimated) subject to audit (187% office)			\$114,991
Item IV, Fixed Fee (negotiated)			\$21,200
Total Estimated Cost:			<u>\$252,381</u>

Attachment: B&L Cauterskill Road Bridge (1262 : Auth. Hwy Dept. to Enter into Agreement with B&L for Cauterskill Rd. Bridge)

EXECUTIVE SUMMARY

PIN 1757.13

**Repair or Replacement of the Cauterskill Road Bridge over Kaaterskill Creek
(B.I.N. 3200680)
Town of Catskill
Greene County, New York**

This Locally Administered Federal Aid project provides for the repair or replacement of BIN 3200680, Cauterskill Road over the Kaaterskill Creek, in the Town of Catskill. The project will repair or replace the structurally deficient bridge, including minor approach work tie-in modifications to achieve improved approach safety (guide railings) and pavement tie-in's.

The **Consultant** shall provide preliminary and final bridge design services as outlined in Sections 1 through 7 of the project scope. Preliminary design services will include, but are not limited to, ground survey, mapping, traffic analyses, preparation of a design approval document, development of design alternatives, environmental scoping and development, holding of a public informational meeting, right-of-way incidentals, and final design (the development and submission of contract plans, specifications and estimate). The Consultant will also provide Right-of-Way Acquisition (under Section 5) as determined to be necessary during the incidental stage effort. Construction support (Section 8) will be limited to support and interpretations/modifications necessary to support the construction phase work effort (by others). Construction Inspection (Section 9), are not a part of this scope of services.

Depending on the project recommendations, and the outcome of the State Historic Preservation Office coordination, the project is assumed to be a Class II, D-List Categorical Exclusion with Documentation under NEPA and a Unlisted under SEQRA. The Kaaterskill Creek is classified by the NYS Department of Environmental Conservation as Class B with B standards.

The anticipated letting date for this project is Spring 2016. The project includes federal and local funds and the approximate construction costs for the project is \$1.0M. Right-of-way acquisitions/permanent easements are anticipated to be included in this project, depending upon the direction (repair or replacement) that this project takes.

Section 1 - General

1.01 Project Description and Location

This project is known as: **Repair or Replacement of the Cauterskill Road Bridge over the Kaaterskill Creek (BIN 3200680)**

PIN: **1757.13**

Project Description: **This Locally Administered Federal Aid project provides for the bridge repair or replacement of BIN 3200680, Cauterskill Road over the Kaaterskill Creek, in the Town of Catskill. The project will repair or replace the existing deficient bridge on the existing roadway horizontal and vertical alignment.**

Project Limits: **The project includes the repair or replacement of the existing bridge structure and associated approach roadways necessary to complete the work. Limits of work will extend from approximately 150 feet in each roadway direction from the ends of the bridge. Associated roadway work on the approaches will be limited to that associated with pavement transitions and guide railing installations. The bridge length is approximately 109 feet in length and carries one lane of traffic.**

Sponsor: **Greene County**

Municipality: **Town of Catskill**

County: **Greene County**

Anticipated Start Date: **June, 2014**

Anticipated Letting Date: **April, 2016**

Construction Completion: **December, 2016**

Anticipated Design Costs: **\$0.25M (Programmed). Additional ROW costs apply.**

Anticipated Construction Costs:
\$1.0M (Programmed)

All work performed by the Consultant at the Consultant's initiative must be within the current project limits specified above.

1.02 Contract Administrator

The County's Project Manager for this project is Gary R. Harvey who can be reached at (518) 943-4600.

Attachment: B&L Cauterskill Road Bridge (1262 : Auth. Hwy Dept. to Enter into Agreement with B&L for Cauterskill Rd. Bridge)



Resolution No.

Accepting Formal Proposal For Engineering Work Necessary For The Design And Part Time Construction Inspection Services For The Superstructure Replacements And Abutment Repairs/Modifications For The Hearts Content Road (CR31) Bridge Over The Kiskatom Brook, BIN 3-30325-0; And The Replacement Of The CR24 Large Culvert, Both Located In The Town Of Cairo

WHEREAS, Gary R. Harvey, County Highway Superintendent did request formal proposals for the design and part time construction inspection services for the two above mentioned structures both located in the Town of Cairo; and

WHEREAS, four (4) proposals were received, with the lowest responsible proposal being received from Creighton Manning Engineering, 2 Winners Circle, Albany, NY 12205; and

NOW, THEREFORE, BE IT RESOLVED, that the County Highway Superintendent be and hereby is authorized to award the design and construction inspection services necessary for the said structures to Creighton Manning Engineering; and

BE IT FURTHER RESOLVED, that the Greene County Treasurer be and hereby is authorized to pay to Creighton Manning Engineering a lump sum not to exceed \$30,560.00 upon acceptance and approval by the County Highway Superintendent from County Road Fund Account No. D5112.2160, Miscellaneous Bridges.

ATTACHMENTS:

- Hearts Content Road (PDF)



P.O. Box 485
240 West Main Street
Catskill, New York 12414
Phone: (518)-943-4600
Fax: (518)-943-3868

Gary R. Harvey L.S.
Superintendent
email: gharvey@discovergreene.com

Robert Van Valkenburg
Deputy Superintendent
email: rvanvalkenburg@discovergreene.com

August 29, 2014

Consultant RFP Summary Sheet

Hearts Content Road Bridge (CR 31) over the Kiskatom Brook B.I.N. 3303250 and the CR 24 Culvert Replacement located in the town of Cairo, Greene County, New York.

Creighton Manning - \$30,560.00

CDM Smith - \$34,400.00

Clark Patterson Lee Design Professionals - \$39,700.00

Barton & Loguidice, P.C. - \$39,850.00

REQUEST FOR PROPOSALS
August 8, 2014

The scope of services being solicited includes the Engineering work necessary for the superstructure replacement and abutment repairs/modifications for the Hearts Content Road Bridge over the Kiskatom Brook B.I.N. 3303250, and the CR 24 Culvert located 0.25 +/- miles east of Vienna Woods Road, both located in the Town of Cairo, Greene County, New York.

This would include limited pavement, and profile improvements on the approaches to the structures. Two (2) copies of the Proposals are due no later than 1:00 PM, Friday, August 29th, 2014 at the office of the Greene County Superintendent of Highways, 240 West Main St., P.O. Box 485, Catskill, N.Y. 12414.

Introduction / Project Description

The Greene County Highway Department is administering a County Funded Project for the superstructure replacement and abutment repairs/modifications for the Hearts Content Road Bridge over the Kiskatom Brook B.I.N. 3303250, and the replacement of the CR 24 Culvert with a 4-sided pre-stressed concrete box culvert, both located in the Town of Cairo, Greene County, New York. The projects will consist of but not be limited to, the replacement of the superstructure, repairs/modifications of the substructure, replacement of the culvert, bridge and guide rail design, and limited pavement and profile improvements for the associated highway approaches.

The existing Hearts Content Bridge is a steel multi girder single span bridge with laminated creosote treated timber deck, and asphalt wearing surface. The bridge was built in 1968, and was last rehabilitated in 1993. The total structure length of the bridge is 45 feet, and is currently Load Posted for 12 Tons. Additional bridge dimensions are available through the current Win-Bolts. The existing CR 24 Culvert is a concrete structure with approximately a 14 ft. span x 5 ft. rise x 22 ft. length. The CR 24 Culvert acts as an equalization structure for the NYSDEC F-9 Wetland (map attached). The new structures shall be designed for LRFD HL-93 Loading and current AASHTO and NYSDOT Standards.

The purpose of this Request for Proposals is to solicit proposals from qualified Professional Engineering Firms, to act on behalf of the County of Greene in the preparation of engineering design plans, contract documents, coordination of approvals, performance of part-time construction inspection, and finalization of any documents necessary relating to the superstructure replacement and abutment repairs/modifications for the Hearts Content Road Bridge an CR 24 Culvert replacement, with associated highway approaches.

Attachment: Hearts Content Road (1264 : Accepting Proposal For Engineering Work on Hearts Content Road & CR24 Large Culvert)



Resolution No.

Awarding Bid For Abrasives (Dry Screened And Washed) Used In Snow And Ice Control

WHEREAS, County Highway Superintendent, Gary R. Harvey, did advertise in the Catskill Daily Mail for bids for Abrasives (Dry Screened and Washed) used in Snow & Ice Control for the following:

- 1.) Price per ton and/or cubic yard, FOB, your plant.
- 2.) Price per ton and/or cubic yard for sand, delivered to Greene County Highway Department, Hunter Facility.
- 3.) Price per ton and/or cubic yard for sand, delivered to Greene County Highway Department Building, Ashland.
- 4.) Price per ton and/or cubic yard for sand, delivered to Greene County Highway Department Building, Athens Facility.
- 5.) Price per ton and/or cubic yard for sand, delivered to Greene County Highway Department Building, Freehold; and

WHEREAS, five (5) vendors submitted bids, which were opened, and publicly read on Wednesday, September 3, 2014 at 10:00 a.m. for the contract period: September 20, 2014-September 19, 2015

NOW THEREFORE, BE IT RESOLVED, that the Greene County Highway Superintendent be and hereby is authorized to purchase **Washed Abrasives** from the following bidders meeting all specifications for **Item No. 1**:

Colarusso Sand & Gravel PO Box 302 Hudson, NY 12534	\$ 7.00 per ton
Callanan Industries, Inc. PO Box 15097 Albany, NY 12212	\$ 7.25 per ton (S. Bethlehem)
Carver Sand & Gravel LLC 494 Western Turnpike Altamont, NY 12009	\$ 7.75 per ton (Schoharie)
Peckham Materials Corp. 7065 Rte 9W South Catskill, NY 12414	\$ 8.20 per ton

BE IT FURTHER RESOLVED, that the Greene County Highway Superintendent be and hereby is authorized to purchase **Dry Screened Abrasives** from the following bidders meeting all specifications for **Item No. 1**:

Callanan Industries, Inc.
PO Box 15097
Albany, NY 12212-5097

\$ 3.00 per ton (South Bethlehem)
\$18.00 per ton (E. Kingston)

Eric Dahlberg Const., Inc.
696 Potter Mt. Road
Gilboa, NY 12076

\$6.20 per cubic yard

Carver Sand & Gravel
494 Western Turnpike
Altamont, NY 12009

\$ 4.55 per ton (Gilboa)
\$ 6.00 per ton (Schoharie)
\$ 7.50 per ton (Ashland)

Peckham Materials Corp.
7065 Rte 9W South
Catskill, NY 12414

\$ 8.20 per ton

John Alvarez & Sons
3572 Route 9
Hudson, NY 12534

\$10.00 cubic yard

BE IT FURTHER RESOLVED, that the Greene County Highway Superintendent be and hereby is authorized to purchase **Washed Abrasives** from the following bidders meeting all specifications for **Item No. 2 - 5**:

Peckham Materials Corp.
Carver (Schoharie)
Callanan (S. Bethlehem)
Callanan (S. Bethlehem)

Item No. 2 \$14.45 per ton
Item No. 3 \$14.95 per ton
Item No. 4 \$11.25 per ton
Item No. 5 \$13.00 per ton

BE IT FURTHER RESOLVED, that the Greene County Highway Superintendent be and hereby is authorized to purchase **Dry Screened Abrasives** from the following bidders meeting all specifications for **Item No. 2 - 5**:

Carver (Gilboa)
Carver (Gilboa)
Callanan (S. Bethlehem)
Carver (Gilboa)

Item No. 2 \$9.90 per ton
Item No. 3 \$9.20 per ton
Item No. 4 \$10.25 per ton
Item No. 5 \$10.65 per ton

A certified copy of this resolution to be forwarded to the Greene County Highway Superintendent, Greene County Treasurer, successful bidders, and all Village and Town Superintendents.

ATTACHMENTS:

- 2014 Abrasives Bid Results (PDF)

ABRASIVES BID:	September 3, 2014					10:00 A.M.				
	<u>Callanan</u> (S. Bethlehem)	<u>Callanan</u> (E. Kingston)	<u>Carver</u> (Ashland)	<u>Carver</u> (Gilboa)	<u>Carver</u> (Coeymans)	<u>Carver</u> (Schoharie)	<u>Colarusso</u>	<u>Eric</u> <u>Dahlberg</u>	<u>John A.</u> <u>Alvarez</u>	<u>Peckham</u>
Item No. 1, Washed	\$ 7.25 tn	N/B	N/B	N/B	N/B	\$ 7.75 tn	\$ 7.00 tn	N/B	N/B	\$ 8.20 tn
Item No. 2, Washed	N/B	N/B	N/B	N/B	N/B	\$ 16.90 tn	\$ 17.35 tn	N/B	N/B	\$ 14.45 tn
Item No. 3, Washed	\$ 18.00 tn	N/B	N/B	N/B	N/B	\$ 14.95 tn	\$ 15.65 tn	N/B	N/B	\$ 16.45 tn
Item No. 4, Washed	\$ 11.25 tn	N/B	N/B	N/B	N/B	\$ 18.85 tn	\$ 12.20 tn	N/B	N/B	\$ 12.20 tn
Item No. 5, Washed	\$ 13.00 tn	N/B	N/B	N/B	N/B	\$ 13.95 tn	\$ 13.40 tn	N/B	N/B	\$ 14.95 tn
Item No. 1, Dry Screened	\$ 3.00 tn	\$ 18.00 tn	\$ 7.50 tn	\$ 4.55 tn	N/B	\$ 6.00 tn	N/B	\$ 6.20 cy	\$ 10.00 cy	\$ 8.20 tn
Item No. 2, Dry Screened	N/B	\$ 25.00 tn	\$ 12.50 tn	\$ 9.90 tn	N/B	\$ 14.90 tn	N/B	\$ 13.45 cy	N/B	\$ 14.45 tn
Item No. 3, Dry Screened	\$ 13.75 tn	N/B	\$ 10.50 tn	\$ 9.20 tn	N/B	\$ 13.40 tn	N/B	\$ 12.45 cy	N/B	\$ 16.45 tn
Item No. 4, Dry Screened	\$ 10.25 tn	N/B	\$ 15.10 tn	\$ 13.40 tn	N/B	\$ 15.70tn	N/B	N/B	\$ 17.50 cy	\$ 12.20 tn
Item No. 5, Dry Screened	\$ 12.00 tn	N/B	\$ 13.40 tn	\$ 10.65 tn	N/B	\$ 12.60 tn	N/B	\$ 14.45 cy	N/B	\$ 14.95 tn

Apparent Low Bidders
Award Based on Pricing & Haul Distance

Attachment: 2014 Abrasives Bid Results (1267 : Awarding Bid For Abrasives)

ABRASIVES BID:	September 3, 2014					10:00 A.M.				
	Callanan (S. Bethlehem)	Callanan (E. Kingston)	Carver (Ashland)	Carver (Gilboa)	Carver (Coeymans)	Carver (Schoharie)	Colarusso	Eric Dahlberg	John A. Alvarez	Peckham
Item No. 1, Washed	\$ 7.25 tn	N/B	N/B	N/B	N/B	\$ 7.75 tn	\$ 7.00 tn	N/B	N/B	\$ 8.20 tn
Item No. 2, Washed	N/B	N/B	N/B	N/B	N/B	\$ 16.90 tn	\$ 17.35 tn	N/B	N/B	\$ 14.45 tn
Item No. 3, Washed	\$ 18.00 tn	N/B	N/B	N/B	N/B	\$ 14.95 tn	\$ 15.65 tn	N/B	N/B	\$ 16.45 tn
Item No. 4, Washed	\$ 11.25 tn	N/B	N/B	N/B	N/B	\$ 18.85 tn	\$ 12.20 tn	N/B	N/B	\$ 12.20 tn
Item No. 5, Washed	\$ 13.00 tn	N/B	N/B	N/B	N/B	\$ 13.95 tn	\$ 13.40 tn	N/B	N/B	\$ 14.95 tn
Item No. 1, Dry Screened	\$ 3.00 tn	\$ 18.00 tn	\$ 7.50 tn	\$ 4.55 tn	N/B	\$ 6.00 tn	N/B	\$ 4.60 tn	\$ 7.41 tn	\$ 8.20 tn
Item No. 2, Dry Screened	N/B	\$ 25.00 tn	\$ 12.50 tn	\$ 9.90 tn	N/B	\$ 14.90 tn	N/B	\$ 9.97 tn	N/B	\$ 14.45 tn
Item No. 3, Dry Screened	\$ 13.75 tn	N/B	\$ 10.50 tn	\$ 9.20 tn	N/B	\$ 13.40 tn	N/B	\$ 9.23 tn	N/B	\$ 16.45 tn
Item No. 4, Dry Screened	\$ 10.25 tn	N/B	\$ 15.10 tn	\$ 13.40 tn	N/B	\$ 15.70tn	N/B	N/B	\$ 12.97 tn	\$ 12.20 tn
Item No. 5, Dry Screened	\$ 12.00 tn	N/B	\$ 13.40 tn	\$ 10.65 tn	N/B	\$ 12.60 tn	N/B	\$ 10.71 tn	N/B	\$ 14.95 tn

These are the bid prices w/ the cubic yard bids converted to tons @ cy/1.35=tons

Attachment: 2014 Abrasives Bid Results (1267 : Awarding Bid For Abrasives)