

**RESOLUTION NO. \_\_\_\_\_**  
**May 17, 2022**

**A RESOLUTION AUTHORIZING CONTRACT AWARD FOR CONSTRUCTION OF  
PEDESTRIAN SAFETY AND INTERSECTION IMPROVEMENTS AT THE INTERSECTION  
OF FAIRVIEW AVENUE & GREEN STREET AND ALLOCATION OF FUNDS**

**WHEREAS**, the intersection of Fairview Avenue and Green Street (aka US Route 9 and NY Route 23B) is located on a busy Truck Route that accommodates a high volume of traffic as documented in a recently published City of Hudson Truck Traffic Study; and

**WHEREAS**, the intersection of Fairview Avenue and Green Street also experiences a significant amount of pedestrian traffic with a convenience store located at the intersection; and

**WHEREAS**, Stewart's Shops, the convenience store owner, recognized the need to improve vehicle and pedestrian safety at the intersection of Fairview Avenue & Green Street and donated \$200,000.00 to the City of Hudson to initiate the improvement work; and

**WHEREAS**, in response, the City engaged the professional engineering firm of Creighton Manning Engineering LLP to design the intersection improvements, prepare and issue bid documents, evaluate bids received for compliance with detailed specifications, make recommendation on how to proceed and provide construction monitoring services; and

**WHEREAS**, the City received one (1) bid on April 11, 2022, for Base Bid plus Bid Alternate 1, recommended for award by Creighton Manning Engineering LLP in the amount of \$367,840.00, which is substantially higher than the professional engineer's estimate approximately one year ago; and

**WHEREAS**, the total project costs are calculated as follows:

▪ Preparation of Bid Documents - Creighton Manning	\$ 16,870.00
▪ Construction Monitoring Services - Creighton Manning	34,700.00
▪ Base Bid + Alternate 1 – A. Colarusso & Son, Inc.	<u>367,840.25</u>
Total Project Cost	\$ 419,410.25
Less Stewart's Contribution	<u>200,000.00</u>
Underestimated Cost of Improvements	\$ 219,410.00
ARPA Funds Previously Allocated	<u>139,565.00</u>
Additional Funds Needed to Proceed with Improvements	<u>\$ 79,845.25</u>
	=====

**WHEREAS**, the City of Hudson has Federal America Rescue Plan Act (ARPA) funds available and authorized for use on any service traditionally provided by a government, including road building and infrastructure; and

**NOW THEREFORE, LET IT BE RESOLVED**, that the City of Hudson will allocate \$139,565.00 of Federal America Rescue Plan Act (ARPA) funds and \$79,845.25 from the Fund Balance account and award the contract to A. Colarusso & Son, Inc. for the pedestrian safety and intersection improvements project at the intersection of Fairview Avenue & Green Street.

Introduced: \_\_\_\_\_

Approved: \_\_\_\_\_

Kamal Johnson, Mayor

Seconded: \_\_\_\_\_

Dated: \_\_\_\_\_

# MEMORANDUM



**TO:** Peter Bujanow  
Commissioner of Public Works, City of Hudson

**FROM:** Dan Reynolds, PE  
Project Manager, Creighton Manning Engineering, LLP

**SUBJECT:** RECOMMENDATION FOR AWARD  
US Route 9/NY Route 23B Intersection Improvements, City of Hudson; Columbia County

**DATE:** April 14, 2022

The subject project was let for construction on April 11, 2022 with one (1) bid received and opened at the office of the Commissioner of Public Works, City Hall, City of Hudson, 520 Warren Street, Hudson, NY 12534 at 12:30 pm. The engineer's estimate for the bid of the project was \$241,676.50 for the base bid plus Bid Alternate 1. The following one (1) bid was received:

## Bidders

<u>Rank</u>	<u>Bidder Name</u>	<u>Base Bid Amount</u>	<u>Base Bid Plus Bid Alternate 1</u>
1	A. Colarusso & Son, Inc.	\$355,587.25	\$367,840.25

The one (1) bid was reviewed and checked, and all computations were verified by Dan Reynolds, PE, Project Manager, Creighton Manning Engineering, LLP on April 14, 2022.

The lowest bid of \$367,840.25 as submitted by **A. Colarusso & Son, Inc** was reviewed and found to be complete and accurate regarding bid documentation, consistent bid pricing, and company experience with similar projects.

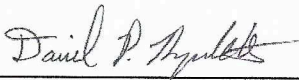
The bid is approximately 50% higher than the engineer's estimate with the bulk of the difference reflected in the prices bid for the conduit excavation and backfill, work zone traffic control, mast arm pole and video detection camera.

Based upon our review of the submitted bid documentation and pricing, the lowest responsible bidder was determined to be **A. Colarusso & Son, Inc** with a bid of \$367,840.25.

Based upon the foregoing bid results, I, acting on behalf of Creighton Manning Engineering, LLP, recommend the City of Hudson:

- ( X ) Award the contract to the lowest responsible bidder, **A. Colarusso & Son, Inc** for the Base Bid and Bid Alternate 1 Amount of \$367,840.25
- ( ) Reject all bids

Dated: 4/14/2022

Signature   
Daniel P. Reynolds, PE



## MEMORANDUM



**TO:** Peter Bujanow  
Commissioner of Public Works, City of Hudson

**FROM:** Dan Reynolds, PE  
Project Manager, Creighton Manning Engineering, LLP

**SUBJECT:** Analysis of Bids  
US Route 9/NY Route 23B Intersection Improvements, City of Hudson; Columbia County

**DATE:** April 14, 2022

The following line item bid analysis was performed to identify bid items that were in excess of 25% of the engineer's estimate for this project. Items whose total bid price was \$20,000 or less were not included as part of this analysis as they are not considered major items.

Four (4) items in the responsible low bidder's (**A. Colarusso & Son, Inc.**) line item costs exceeded the engineer's estimate by 25% or more. The four (4) items are as follows:

Item 206.03, Conduit Excavation and Backfill including Surface Restoration: The higher cost associated with this item could be attributed to the presence of several underground utilities, and much of the conduit excavation being conducted in hardscaped areas, requiring more expensive backfill material and operations.

Item 619.01, Basic Work Zone Traffic Control: The higher cost associated with this item could be attributed to the work location needing lane closures and flagging for many of the operations needed to conduct the work. Due to Right-of-Way restrictions there is not room for contractor vehicles to be parked outside the roadway.

Item 680.621950, Traffic Signal Pole, Mast Arm, 19 Feet Mounting Height, 50 Feet Arm Length: The higher cost associated with this item could be attributed to recent material cost increases for steel and the small quantity (1 EA) of this item.

Item 680.94990005, Video Vehicle Presence Detector System: The higher cost associated with this item could be attributed to material shortages (i.e. chip shortages) and the small quantity of this item (1 EA)

Based on the figures analyzed, Creighton Manning Engineering, LLP, concludes that the variations in bid prices as submitted by **A. Colarusso & Son, Inc** are justifiable. As such, based on this analysis, we recommend that the City proceed with award of the contract.

**Analysis of 8lds - \*\* Denotes greater than 2.5% Difference on Major Items**

BID ALTERNATE #1 (UNSEEN CRAB INTERSECTION)		ENGINEERS ESTIMATE		A. COLUMBUS & 6th Ave. Inc.	
Item Number	Description	Unit	Unit Cost	Quantity	Cost
293.02	UNCLASSIFIED EXCAVATION AND DREDGING	CY	\$7,040	19	\$142,360
303.03	EMBANKMENT IN PLACE	CY	\$7,040	18.2	\$128,312
403.00	CONCRETE	CY	\$1,300	1	\$1,300
403.00001	PLANT PRODUCTION QUALITY FOLIUM TOW. 11MA FORM	TON	\$1,300	1	\$1,300
403.00004	9.5 TON COURSE GRAVEL/CRUSHED COMPACT	TON	\$225.00	1	\$225.00
403.10004	19.5 TON COURSE GRAVEL/CRUSHED COMPACT	TON	\$225.00	1	\$225.00
413.00	CONCRETE	CY	\$1,300	1	\$1,300
413.00001	PLANT PRODUCTION QUALITY FOLIUM TOW. 11MA FORM	TON	\$1,300	1	\$1,300
413.00004	9.5 TON COURSE GRAVEL/CRUSHED COMPACT	TON	\$225.00	1	\$225.00
413.00004	19.5 TON COURSE GRAVEL/CRUSHED COMPACT	TON	\$225.00	1	\$225.00
433.00	CONCRETE	CY	\$600.00	2	\$1,200.00
433.00001	CONCRETE SUBGRADE AND DRIVEWAYS	CY	\$600.00	2	\$1,200.00
433.00004	HOT MIX ASPHALT DRIVEWAYS, DRIVEWAYS AND BICYCLE PATHS AND VEGETATION CONTROL STRIPS	TON	\$225.00	2	\$450.00
433.00004	CONCRETE SUBGRADE AND DRIVEWAYS	TON	\$225.00	2	\$450.00
433.160002	TYPE III PORTLAND CEMENT CONCRETE	CY	\$3,300	3	\$9,900
433.160002	TYPE III PORTLAND CEMENT CONCRETE	TON	\$3,300	3	\$9,900
433.160002	TYPE III PORTLAND CEMENT CONCRETE	TON	\$3,300	3	\$9,900
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433.160002	TYPE III PORTLAND CEMENT CONCRETE	TON	\$3,300	3	

*Daniel P. Reynolds*  
Daniel P. Reynolds, P.E.



February 15, 2022

**A RESOLUTION AUTHORIZING ALLOCATION OF ARPA FUNDS AND SOLICITATION OF BIDS FOR THE PEDESTRIAN SAFETY AND INTERSECTION IMPROVEMENTS PROJECT AT THE INTERSECTION OF FAIRVIEW AVENUE & GREEN STREET**

**WHEREAS**, the intersection of Fairview Avenue and Green Street (aka US Route 9 and NY Route 23B) is located on a busy Truck Route that accommodates a high volume of traffic as documented in a recently published City of Hudson Truck Traffic Study; and

**WHEREAS**, the intersection of Fairview Avenue and Green Street also experiences a significant amount of pedestrian traffic with a convenience store located at the intersection; and

**WHEREAS**, Stewart's Shops, the convenience store owner, recognized the need to improve vehicle and pedestrian safety at the intersection of Fairview Avenue & Green Street and donated \$200,000.00 to the City of Hudson to initiate the improvement work; and

**WHEREAS**, in response, the City awarded a \$16,870.00 contract to engineering firm Creighton Manning to design an improved intersection; and

**WHEREAS**, the intersection design was completed in April 2021 resulting in professional engineering cost estimate for the scope of work of \$241,000.00, which exceeds the donated funds available and the project remains at a standstill; and

**WHEREAS**, the additional cost of professional construction monitoring services in the amount of \$34,700.00, based on Creighton Manning proposal, is also required during the project; and

**WHEREAS**, based on current bid trends, continuing supply chain issues and construction cost escalation, the original April 2021 professional engineering cost estimate of \$241,000.00 should be adjusted by plus 19.50%, or \$46,995.00; and

**WHEREAS**, the revised total supported estimated cost to complete the Fairview Avenue and Green Street intersection and pedestrian safety improvements is now \$339,565.00, less the \$200,000.00 donation, therefore additional funds in the amount of \$139,565.00 are needed to complete the project; and

**WHEREAS**, the City of Hudson has Federal America Rescue Plan Act (ARPA) funds available and authorized for use on any service traditionally provided by a government, including road building and infrastructure; and

**NOW THEREFORE, LET IT BE RESOLVED**, that the City of Hudson will allocate up to \$139,565.00 of Federal America Rescue Plan Act (ARPA) funds for the pedestrian safety and intersection improvements project at the intersection of Fairview Avenue & Green Street and that the project be released for Bid as soon as possible.

Introduced: \_\_\_\_\_

Seconded: \_\_\_\_\_

Approved: \_\_\_\_\_  
Kamal Johnson, Mayor

Dated: \_\_\_\_\_