

ADDENDUM NO. 1

April 19, 2024

**PROJECT: 2024 Curb Installation and Replacement Contract
Village of Hastings-on-Hudson**

Contractors bidding the referenced project are advised of the following revisions to the Bid Documents.

- 1) Contractor must start proposed work promptly on Green Street in the Village of Hastings-on-Hudson.
- 2) **REMOVE** page C-5 and **INSERT** page C-5 (Addendum #1), attached.
- 3) **REMOVE** specification “97 – Concrete Curbs (with GGBFS)” and **INSERT** specification “97- Concrete Curbs (with GGBFS)”, attached.
- 4) The Summary of Quantities has been revised, see attached Summary of Quantities.
- 5) The Curbs Location Plan for the Village of Ardsley has been revised, see attached Curbs Location Plan.
- 6) **REMOVE** the individual quantities summary sheet in Appendix B for the Village of Ardsley and **INSERT** the revised individual quantities summary sheet for the Village of Ardsley attached.
- 7) The Curbs Location Plan for the Village of Hastings-on-Hudson has been revised, see attached Curbs Location Plan.
- 8) **REMOVE** the individual quantities summary sheet in Appendix B for the Village of Hastings-on-Hudson and **INSERT** the revised individual quantities summary sheet for the Village of Hastings-on-Hudson attached.
- 9) A location map for curbs throughout the Village of Tarrytown has been attached.
- 10) **REMOVE** the individual quantities summary sheet in Appendix B for the Village of Tarrytown and **INSERT** the revised individual quantities summary sheet for the Village of Tarrytown.

**BID PROPOSAL – 2024 CURB INSTALLATION AND REPLACEMENT CONTRACT
VILLAGE OF ARDSLEY - VILLAGE OF HASTINGS-ON-HUDSON
VILLAGE OF TARRYTOWN**

Note: Unit prices are to be written in both words and numbers. In case of discrepancy, those shown in words shall govern. All prices are in dollars and cents.

BASE BID

SPEC SECT	BID ITEM	UNITS	ESTIMATED QUANTITIES	UNIT PRICE	UNIT PRICE	TOTAL
				(IN WORDS)	(IN NUMBERS)	QUANTITY x UNIT PRICE
10A	Asphalt Miscellaneous Sidewalks, Swales, and Driveways	SF	4,757			
76	Maintenance and Protection of Traffic	NP	NP	NON-PAYMENT	NP	0.00
97	Concrete Curbs (with GGBFS)	LF	13,310			
97-ALT	Concrete Curbs (with GGBFS) – Concrete Curb and Gutter Removal	LF	2,300			
98P	Stone Paver Driveway Apron	SF	2,807			
99	Reinforced Concrete Sidewalks and Ramps (5’')	SF	615			
99	Reinforced Concrete Sidewalks and Ramps (7’)	SF	50			
102MHA-1	Catch Basin Frames and Grates -Adjustment	EA	32			
102MHA-2	Catch Basin Frames and Grates – Replacement	EA	7			
102MHA-3	Catch Basin Frames and Grates – Replacement	EA	1			
127	Restoration	NP	NP	NON-PAYMENT	NP	0.00
TOTAL BASE BID						

The total bid shall be the sum of the extensions (unit price multiplied by estimated quantity, for each item). It is stated here only as a convenience for comparison of bids. If there are any errors in addition or multiplication, the unit prices for each item shall govern, and the bid comparison will be made on the basis of correct arithmetic applied to these unit prices. In case of a discrepancy between the unit price in words and the unit price in numbers, the unit prices in words shall govern. The estimated quantities are not guaranteed and are only for bid comparison purposes and final payment will be made for actual quantities regardless of the estimated quantities contained herein. The contractor is further advised that the estimated quantities shown in the Bid Sheets may be reduced or deleted in order to ensure that this Contract can be completed within the budget established for this work. In the event that certain work is deleted or reduced, the Unit Price Bid shall remain in effect for this work.

ITEM 97-ALT - CONCRETE CURBS (WITH GGBFS)

97.1. WORK:

- A. Under this item the Contractor shall excavate, backfill and supply all materials, labor, and equipment necessary to install concrete curbing and provide all necessary asphalt, fill and topsoil and grass seed to restore the area as shown on plans.

97.2. MATERIALS:

- A. The material requirements, mix preparations and manufacturing of concrete shall comply with the specifications for Class A concrete in Section 501 – “Portland Cement Concrete – General” of the New York State Department of Transportation Standard Specifications.
- B. Concrete mix shall contain 20% Ground Granulated Blast Furnace Slag (GGBFS). The material requirements, mix preparations and manufacturing of using GGBFS as a partial replacement of concrete shall comply with the New York State Department of Transportation (NYSDOT) Standard Specifications Section 711-12 GROUND GRANULATED BLAST – FURNACE SLAG.
- C. Concrete shall contain an air entraining agent and shall have a strength of 4,000 lbs. per square inch at 28 days.
- D. Expansion material shall be one-half (1/2”) of an inch thick Premoulded Bituminous Joint Filler as specified in Section 705-07 of the NYSDOT Standard Specifications.
- E. Reinforcing bars shall be #5 bars - Item 709-01 (NYSDOT Standard Specification).
- F. Curing and anti-spalling sealer shall be Sealtight 1200 White Pigmented as manufactured by W. R. Meadows, Inc. York, PA, or equal.
- G. Subbase, Item 304.12 (Item 4) stone sizes referred to are as specified in Table 703-4 of the NYSDOT Specifications (703-0203, No.1). The stone size to be supplied shall be as specified on the plan or as approved in the field by the Engineer. Item 304.12 shall meet NYSDOT Specification Table 304-1, Type 2. Recycled or processed material shall not be acceptable for this item.

97.3. METHOD:

- A. The Contractor shall excavate the curb trench to the proposed sub-grade. If such sub-grade is of unsuitable materials, all such materials shall be removed and replaced with select materials, as called for by the Engineer, tamped, and brought up to the proper grade.

97.4. CONSTRUCTION OF CURB:

- A. The Contractor shall construct a poured concrete curb with a width of six (6") inches at the top, eight (8") inches at the bottom, and a height of eighteen (18") inches. The back of the curb shall be plumb, and the face shall be battered with the front edge bullnosed with three-quarter (3/4") inch radius. All steel or wood forms shall be solidly braced, set accurately to line and grade and set up well in advance of a point to which concrete is being poured. The curb shall be set with a six (6") inch reveal, or two (2") inch reveal where depressed. The six (6") reveal may vary from four (4") inches to eight (8"), but requires that municipality be notified and the reveal approved prior to placement. The curb shall be finished in such a manner that the face is smooth and free of voids or depression. The Contractor shall set the required steel re-enforcing bar 2 inches from bottom of the curb. Expansion joints one-half (1/2") inch in width shall be formed with Premoulded Bituminous Joint Filler and shall be placed every ten (10') feet and where the ground changes in bearing character. The filler material shall be cut to conform to the cross section of the curb. Replace existing roof and leader drains through concrete curb.
- B. Concrete shall not be poured until the Engineer has checked the forms to the proper lines and grades. Any variations exceeding one-quarter (1/4") inch in grade or one-half (1/2") inch in line shall be corrected. The Engineer shall also check the bracing of the forms, sub-grade conditions, and the proposed procedure of the pour. The Contractor shall provide such assistance as may be required in checking and shall be responsible for the proper shape, line and grade of the new curb.
- C. Except when given specific permission by the Engineer to do otherwise, concrete curb shall be poured only when the temperature is at least forty (40°F) degrees Fahrenheit and rising with no indication of falling to freezing until a safe set is obtained. During the cold months protection from freezing shall be available before the pour is begun.
- D. The forms shall be left in place until the concrete has set sufficiently so that, in the opinion of the Engineer they can be removed without injury to the curb. Concrete curb is to be finished in such manner that the face is smooth and free of voids or depressions, but no plastering will be permitted. For this work, competent and skillful finishers shall be employed.
- E. After finishing, the curb shall be protected from drying for at least three (3) days. At the time of acceptance, the entire curb must be free from any porous areas, cracks, chips and breaks, which may be considered objectionable by the Engineer.
- F. At the location of existing driveways or at locations ordered by the Engineer, drop curbs shall be formed in the freshly poured concrete for driveways.
- G. Driveway depressions shall be to a finished height of two (2") inches above finished pavement at the face of the curb, and shall slope upwards one (1") inch to the back of

the curb. The front edge shall have a bullnose similar to, or of slightly greater radius than, the curb. The transition from the curb top to the depression shall be shaped as a smooth reverse curve in such a way as to allow safe passage for autos. Driveway depressions shall be in accordance with plans and as directed by the Engineer. They shall not be over twenty (20') feet without his specific permission.

- H. The newly laid curb shall be protected from traffic by barricades or other suitable methods until the concrete has properly set as judged by the Engineer.
- I. Two standard test cylinders are to be made with each pour, if directed by the Engineer, and cured under conditions equal to the curb.
- J. The area behind the curb shall be backfilled with topsoil and graded to blend with the existing grade. The existing blacktop behind the new curb shall be broken up and removed from the site and disposed of by the Contractor.
- K. All areas of asphalt disturbed by saw-cutting and curb installation shall be fully restored, including bituminous top and base courses. Contractor shall not leave the area as exposed subbase material or crushed gravel.

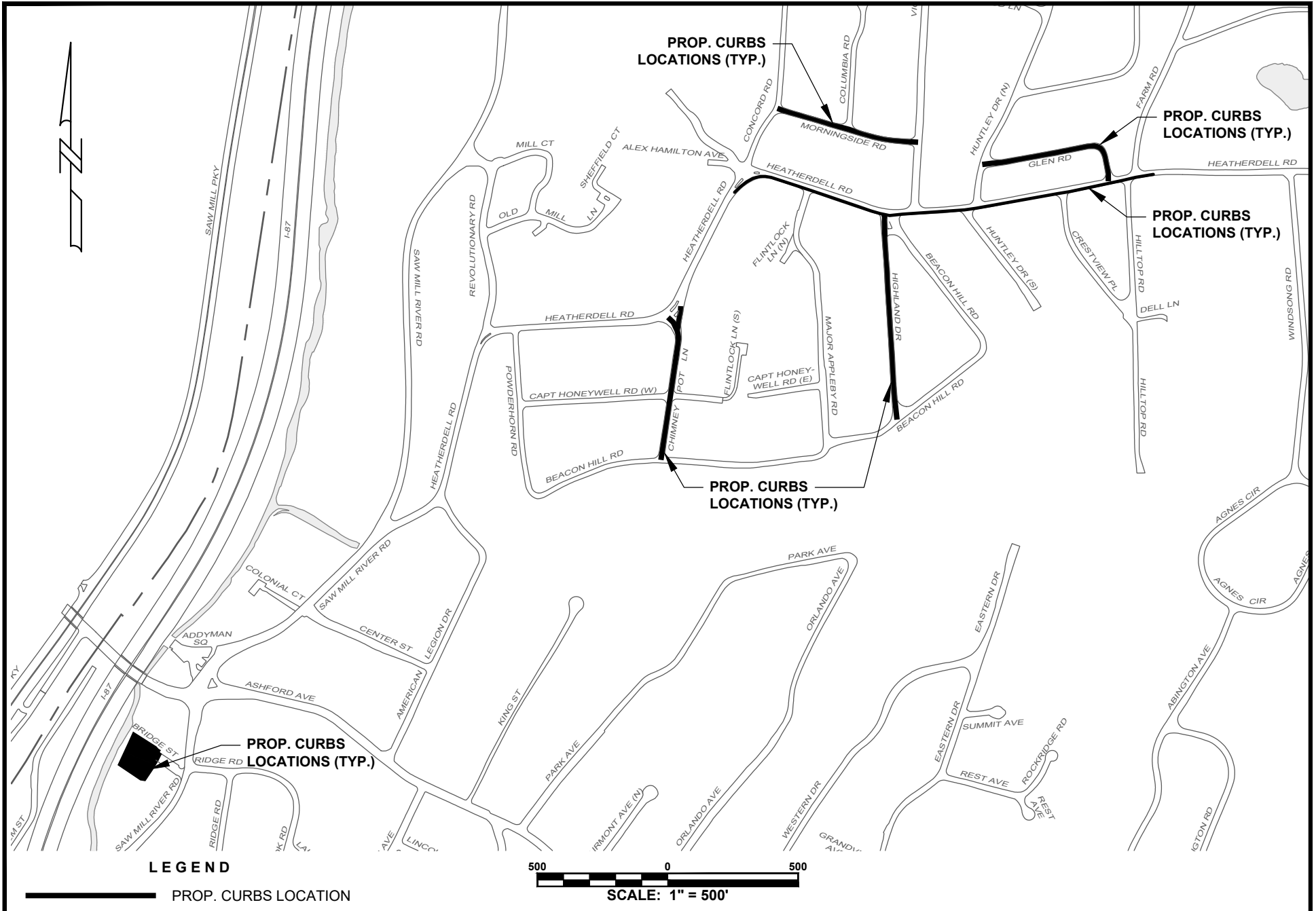
97.5. MEASUREMENT AND PAYMENT:

- A. Under Item 97, payment shall be made at the unit price bid (linear foot) for this item. Payment shall include all required saw cutting, excavation regardless of material, removal of the existing curb and asphalt pavement, furnishing and placing and removing forms, furnishing and placing concrete at the proper line and grade, finishing, curing and protecting the curbs, replacing existing roof and leader drains, backfilling and compacting the curbs and furnishing and installing joint material, and furnishing and installing rebar. Other work shall include full asphalt restoration including top and base courses disturbed for the installation of concrete curbs and any other work deemed included in the item by the Engineer. Payment limits for this item shall be as shown on Details (Sheet 5), Payment Limits At Curb Installation, Drawing No. D-5, Sheet No. 5 of 5.
- B. Under Item 97 – ALT, payment shall be made at the unit price bid (linear foot) for this item. Payment shall include all required saw cutting, excavation regardless of material, removal of the existing concrete curb and gutter, removal of existing asphalt pavement, furnishing and placing and removing forms, furnishing and placing concrete at the proper line and grade, finishing, curing and protecting the curbs, replacing existing roof and leader drains, backfilling and compacting the gutter area, backfilling and compacting the curbs and furnishing and installing joint material, and furnishing and installing rebar. Other work shall include full asphalt restoration including top and base courses disturbed along the gutter area, and disturbed for the installation of concrete curbs and any other work deemed included in the item by the Engineer. Payment limits for this item shall be as described above.

SUMMARY OF QUANTITIES - CURB INSTALLATION AND REPLACEMENT CONTRACT 2024
VILLAGE OF ARDSLEY - VILLAGE OF HASTINGS-ON-HUDSON
VILLAGE OF TARRYTOWN

Spec. Sec.	Bid Item	Units	Ardsley	Hastings-On-Hudson	Tarrytown	Total
10A	Asphalt Miscellaneous Sidewalks, Swales, and Driveways	SF	3,450	1,307	0	4,757
76	Maintenance and Protection of Traffic	NP	NP	NP	NP	NP
97	Concrete Curb (with GGBFS)	LF	6,905	3,905	2,500	13,310
97-ALT	Concrete Curb (with GGBFS) - Concrete Curb and Gutter Removal	LF	0	0	2,300	2,300
98P	Stone Paver Driveway Apron	SF	475	2,332	0	2,807
99	Concrete Sidewalks and Ramps (5")	SF	55	560	0	615
99	Concrete Sidewalks and Ramps (7")	SF	50	0	0	50
102MHA-1	Catch Basin Frames and Grates - Adjustment	EA	25	7	0	32
102MHA-2	Catch Basin Frames and Grates - Replacement	EA	4	3	0	7
102MHA-3	Catch Basin Frames and Grates - Replacement	EA	0	1	0	1
127	Restoration	NP	NP	NP	NP	NP
<p>The contractor is further advised that the estimated quantities shown in the Bid Sheets may be reduced or deleted in order to insure that this Contract can be completed within the budget established for this work. In the event that certain work is deleted or reduced, the Unit Price Bid shall remain in effect for this work.</p>						

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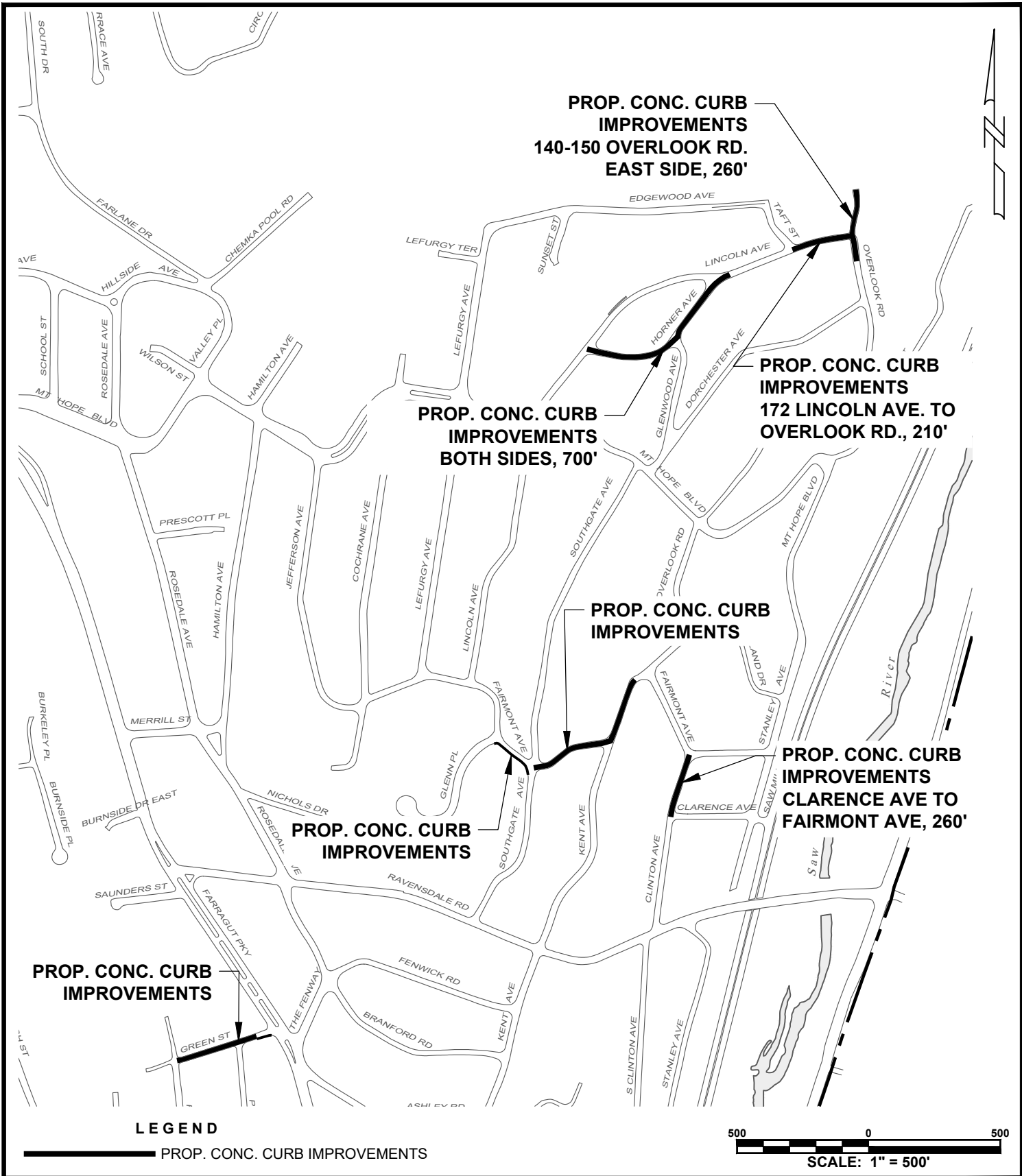



JAMES J. HAHN ENGINEERING, P.C. Putnam Business Park 1689 Route 22 Brewster, New York 10509 Tel: (845) 279-2220			TITLE	SCALE	DATE
			CURBS LOCATION PLAN PROJECT PROPOSED VILLAGE OF ARDSLEY 2024 CURB IMPROVEMENTS VILLAGE OF ARDSLEY, WESTCHESTER COUNTY, NY	1" = 500' DRAWING NO. C-1	2/7/24 SHEET NO. 1 OF 1
REV.	DATE	DESCRIPTION			
2	4/09/24	VILLAGE			
1	4/02/24	VILLAGE			

**2024 CURB INSTALLATION AND REPLACEMENT CONTRACT
VILLAGE OF ARDSLEY**

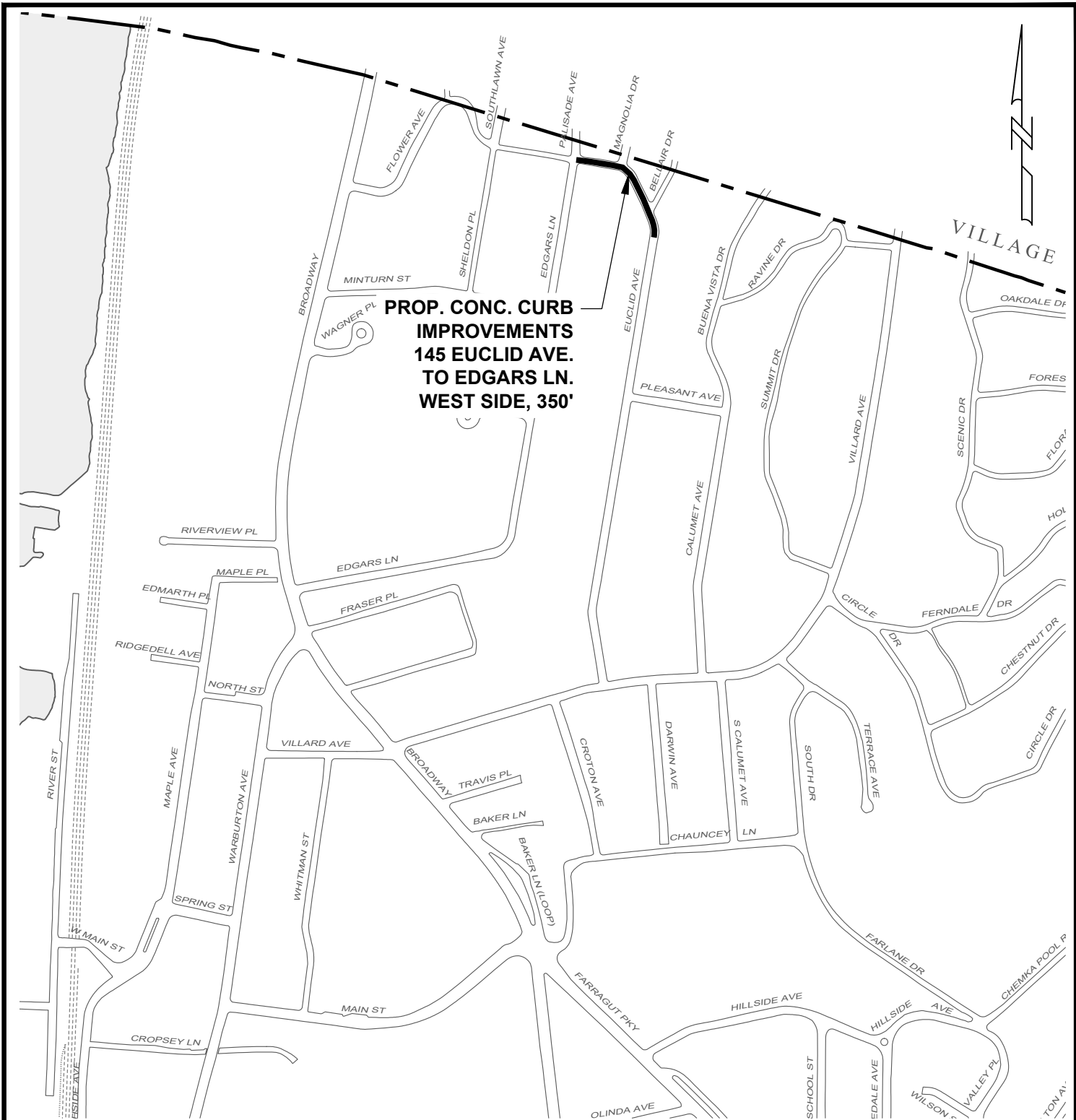
Spec. Sec.	Bid Item	Units	Morningside Rd	Glen Rd	Chimney Pot Ln	Highland Dr	Bridge St. Parking Lot	Hetherdell Rd. (South Side, Farm Rd. to Concord Rd.)	TOTALS
			Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
10A	Asphalt Miscellaneous Sidewalks, Swales, and Driveways	SF	650	900	400	1,100	100	300	3,450
76	Maintenance and Protection of Traffic	NP	NP	NP	NP	NP	NP	NP	NP
97	Concrete Curb (with GGBFS)	LF	1,065	1,125	1,155	1,510	450	1,600	6,905
98P	Stone Paver Driveway Apron	SF	0	150	75	200	0	50	475
99	Concrete Sidewalks and Ramps (5")	SF	0	0	40	0	0	15	55
99	Concrete Sidewalks and Ramps (7")	SF	0	50	0	0	0	0	50
102MHA-1	Catch Basin Frames and Grates - Adjustment	EA	2	6	10	5	0	2	25
102MHA-2	Catch Basin Frames and Grates - Replacement	EA	0	0	0	0	0	4	4
102MHA-3	Catch Basin Frames and Grates - Replacement	EA	0	0	0	0	0	0	0
127	Restoration	NP	NP	NP	NP	NP	NP	NP	NP

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			TITLE		
			CURB IMPROVEMENTS LOCATION PLAN		
			PROJECT		
			VILLAGE OF HASTINGS-ON-HUDSON 2024 CURB IMPROVEMENTS		
REV.	DATE	DESCRIPTION			
1	4/16/24	VILLAGE			
 JAMES J. HAHN ENGINEERING, P.C.			Putnam Business Park 1689 Route 22 Brewster, New York 10509 Tel: (845) 279-2220		
			SCALE	DATE	
			1" = 500'	03/29/24	
			DRAWING NO.	SHEET NO.	
			C-1	1 OF 2	

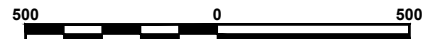
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**PROP. CONC. CURB
IMPROVEMENTS
145 EUCLID AVE.
TO EDGARS LN.
WEST SIDE, 350'**

LEGEND

PROP. CONC. CURB IMPROVEMENTS



SCALE: 1" = 500'

				TITLE
				CURB IMPROVEMENTS LOCATION PLAN
				PROJECT
1	4/16/24	VILLAGE		VILLAGE OF HASTINGS-ON-HUDSON 2024 CURB IMPROVEMENTS
REV.	DATE	DESCRIPTION		



**JAMES J. HAHN
ENGINEERING, P.C.**

Putnam Business Park
1689 Route 22
Brewster, New York 10509
Tel: (845) 279-2220

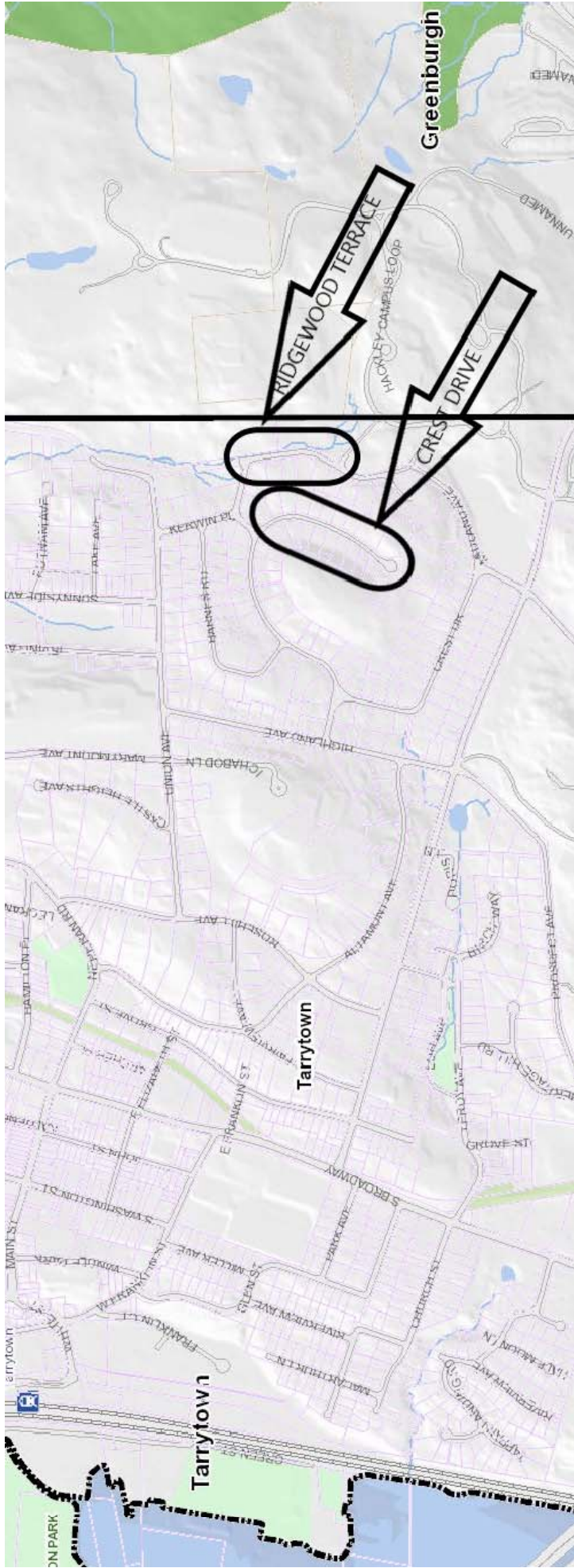
SCALE 1" = 500'	DATE 03/29/24
DRAWING NO. C-2	SHEET NO. 2 OF 2

**2024 CURB INSTALLATION AND REPLACEMENT CONTRACT
VILLAGE OF HASTINGS-ON-HUDSON**

Spec. Sec.	Bid Item	Units	Green St	Fairmont Ave	Euclid Ave and Flower Ave	140-150 Overlook Rd
			Quantity	Quantity	Quantity	Quantity
10A	Asphalt Miscellaneous Sidewalks, Swales, and Driveways	SF	300	175	80	500
76	Maintenance and Protection of Traffic	NP	NP	NP	NP	NP
97	Concrete Curb (with GGBFS)	LF	690	1,435	350	260
98P	Stone Paver Driveway Apron	SF	35	1,856	425	0
99	Concrete Sidewalks and Ramps (5")	SF	450	55	50	0
99	Concrete Sidewalks and Ramps (7")	SF	0	0	0	0
102MHA-1	Catch Basin Frames and Grates - Adjustment	EA	3	0	0	1
102MHA-2	Catch Basin Frames and Grates - Replacement	EA	1	1	1	0
102MHA-3	Catch Basin Frames and Grates - Replacement	EA	0	1	0	0
127	Restoration	NP	NP	NP	NP	NP

**2024 CURB INSTALLATION AND REPLACEMENT CONTRACT
VILLAGE OF HASTINGS-ON-HUDSON**

Spec. Sec.	Bid Item	Units	Lincoln Ave (172 to Overlook Rd)	Clinton Ave (Clarence to Fairmount Ave)	Horner Ave (Both Sides)	TOTALS
			Quantity	Quantity	Quantity	Quantity
10A	Asphalt Miscellaneous Sidewalks, Swales, and Driveways	SF	24	48	180	1,307
76	Maintenance and Protection of Traffic	NP	NP	NP	NP	NP
97	Concrete Curb (with GGBFS)	LF	210	260	700	3,905
98P	Stone Paver Driveway Apron	SF	0	16	0	2,332
99	Concrete Sidewalks and Ramps (5")	SF	5	0	0	560
99	Concrete Sidewalks and Ramps (7")	SF	0	0	0	0
102MHA-1	Catch Basin Frames and Grates - Adjustment	EA	0	1	2	7
102MHA-2	Catch Basin Frames and Grates - Replacement	EA	0	0	0	3
102MHA-3	Catch Basin Frames and Grates - Replacement	EA	0	0	0	1
127	Restoration	NP	NP	NP	NP	NP



**2024 CURB INSTALLATION AND REPLACEMENT CONTRACT
VILLAGE OF TARRYTOWN**

Spec. Sec.	Bid Item	Units	Ridgewood Terrace	Village Wide	Crest Drive	TOTALS
			Quantity	Quantity	Quantity	Quantity
10A	Asphalt Miscellaneous Sidewalks, Swales, and Driveways	SF	0	0	0	0
76	Maintenance and Protection of Traffic	NP	NP	NP	NP	NP
97	Concrete Curb (with GGBFS)	LF	2,000	500	0	2,500
97-ALT	Concrete Curb (with GGBFS) - Concrete Curb and Gutter Removal	LF	0	0	2,300	2,300
98P	Stone Paver Driveway Apron	SF	0	0	0	0
99	Concrete Sidewalks and Ramps (5")	SF	0	0	0	0
99	Concrete Sidewalks and Ramps (7")	SF	0	0	0	0
102MHA-1	Catch Basin Frames and Grates - Adjustment	EA	0	0	0	0
102MHA-2	Catch Basin Frames and Grates - Replacement	EA	0	0	0	0
102MHA-3	Catch Basin Frames and Grates - Replacement	EA	0	0	0	0
127	Restoration	NP	NP	NP	NP	NP