

**THE HONORABLE BOARD OF LEGISLATORS
THE COUNTY OF WESTCHESTER**

Your Committee is in receipt of a transmittal from the County Executive recommending approval of an amended bond act (the “Amended Bond Act”), which if adopted, would authorize the County of Westchester (the “County”) to issue additional bonds in the amount of \$1,500,000.00 to finance a component of capital project BPL26 - Flood Mitigation (“BPL26”). Also, attached is an act (the “Act”) authorizing the County to amend the existing intermunicipal agreement (the “IMA”) with the Village of Mamaroneck (the “Village”).

The Amended Bond Act, in the total amount of \$2,500,000.00, which includes \$1,000,000.00 in previously authorized bonds of the County, would provide additional funding for the County’s portion of a municipally proposed flood mitigation project to reconstruct the Hillside Avenue bridge in the Village (the “Project”). The reconstruction of the Hillside Avenue bridge to increase the span and widen the culvert over the Mamaroneck River, has been identified in the U.S. Army Corps of Engineers General Re-evaluation Report for the Mamaroneck and Sheldrake Rivers as having flood mitigation benefits for properties in the area. Additional funds are now needed to complete the Project to offset cost increases due to materials and supply chain issues.

Your Committee is advised that the Act would authorize the County to amend an IMA with the Village in order to increase the County’s contribution toward the Project by an additional \$1,365,429.24, from an amount not-to-exceed \$1,000,000.00 to an amount not-to-exceed \$2,365,429.24. The remaining bond funds will be used to support County review and administration.

It should be noted that your Honorable Board has previously authorized the County to issue bonds in connection with the Project as follows: Bond Act No. 247-2019 in the amount of \$1,000,000.00, which financed the County’s initial 50% contribution toward Phase II funding for the Project. These bonds have not been sold. Accordingly, it is now requested that Bond Act No. 247-2019 be amended to increase the initial amount authorized by \$1,500,000.00, for a new total authorized amount, as amended, of \$2,500,000.00.

The Planning Department has advised that pursuant to the State Environmental Quality Review Act and its implementing regulations, 6 NYCRR Part 617 (SEQR), the Village classified the Hillside Avenue Bridge replacement project as an Unlisted action. On June 25, 2019, the Village Board of Trustees issued a notice of intent to serve as lead agency and circulated Part 1 of a full Environmental Assessment Form. On August 26, 2019, the Village issued a Negative Declaration for the project. No changes are proposed to the project scope. Since the Village undertook coordinated review and the County was included as an involved agency, then, in accordance with section 617.6(b)(3), no further environmental review is required by the County.

It should be noted that an affirmative vote of two-thirds of the members of your Honorable Board is required to adopt the Amended Bond Act, while the Act authorizing the amendment to the IMA with the Village may be adopted upon an affirmative vote of a majority of the members of your Honorable Board following the adoption of the Amended Bond Act.

Based on the importance of this project to the County, your Committee recommends favorable action on the annexed Acts.

Dated: *January 9th*, 2022
White Plains, New York

Vedat Jatin WOP
Catherine Fry WOP
Debra M. (w/s prejudice)
Dennis J. Tubbs
John WOP
Maryann WOP

Catherine Fry WOP
Dennis J. Tubbs
John WOP
Maryann WOP

COMMITTEE ON

Stanley Zee *John WOP*
C:\jpg\10.26.22

Budget & Appropriations

Public Works & Transportation

Dated: January 9, 2023
White Plains, New York

The following members attended the meeting remotely pursuant to Chapter 1 of New York State Laws of 2022, and approved this item out of Committee with an affirmative vote. Their electronic signature was authorized and is below.

COMMITTEES ON

<i>Catherine F. Parker</i>	<i>Catherine F. Parker</i>

Budget & Appropriations

Public Works & Transportation

FISCAL IMPACT STATEMENT

CAPITAL PROJECT #: BPL26

NO FISCAL IMPACT PROJECTED

SECTION A - CAPITAL BUDGET IMPACT

To Be Completed by Budget

GENERAL FUND

AIRPORT FUND

SPECIAL DISTRICTS FUND

Source of County Funds (check one):

Current Appropriations

Capital Budget Amendment

SECTION B - BONDING AUTHORIZATIONS

To Be Completed by Finance

Total Principal \$ 2,500,000 PPU 20 Anticipated Interest Rate 3.83%

Anticipated Annual Cost (Principal and Interest): \$ 175,312

Total Debt Service (Annual Cost x Term): \$ 3,506,240

Finance Department: Interest rates from November 9, 2022 Bond Buyer - ASBA

SECTION C - IMPACT ON OPERATING BUDGET (exclusive of debt service)

To Be Completed by Submitting Department and Reviewed by Budget

Potential Related Expenses (Annual): \$ -

Potential Related Revenues (Annual): \$ -

Anticipated savings to County and/or impact of department operations
(describe in detail for current and next four years):

Funds will be used towards reconstruction of bridge. Project is managed and overseen by local municipality. No impact to department operations.

SECTION D - EMPLOYMENT

As per federal guidelines, each \$92,000 of appropriation funds one FTE Job

Number of Full Time Equivalent (FTE) Jobs Funded: 0

SECTION E - EXPECTED DESIGN WORK PROVIDER

County Staff

Consultant

Not Applicable

Prepared by: David Kvinge

Title: Assistant Commissioner

Department: Planning Department


Date: 11/16/22

Reviewed By: 

Budget Director

Date: 11/17/22

TO: Michelle Greenbaum, Assistant County Attorney
Jeffrey Goldman, Assistant County Attorney

FROM: David S. Kvinge, AICP, RLA, CFM 
Director of Environmental Planning

DATE: October 31, 2022

SUBJECT: **STATE ENVIRONMENTAL QUALITY REVIEW FOR
BPL26 FLOOD MITIGATION – Hillside Ave Bridge, Mamaroneck**

The Planning Department has reviewed Capital Project BPL26 - Flood Mitigation (Unique ID: 2001) with respect to the State Environmental Quality Review Act and its implementing regulations, 6 NYCRR Part 617 (SEQR).

The current request will provide additional funding assistance to the Village of Mamaroneck for the replacement of the Hillside Avenue Bridge in the Village of Mamaroneck, amending the previous bond act and IMA. No changes to the project scope are proposed. The existing bridge is in poor condition and is subject to overtopping during flood events. The replacement bridge will be slightly higher, wider, and will have deeper footings. The expanded hydraulic opening of the new bridge will lower upstream surface water elevation during storm events.

Pursuant to SEQR, the Village of Mamaroneck classified the Hillside Avenue Bridge replacement project as an Unlisted action. On June 25, 2019, the Village of Mamaroneck Board of Trustees issued a notice of intent to serve as lead agency and circulated Part 1 of a full Environmental Assessment Form. On August 26, 2019, the Village issued a Negative Declaration for the project. Since the Village of Mamaroneck undertook coordinated review and the County of Westchester was included as an involved agency, then, in accordance with section 617.6(b)(3), no further environmental review is required by the County.

Please do not hesitate to contact me if you have any questions regarding this matter.

cc: Andrew Ferris, Chief of Staff
Paula Friedman, Assistant to the County Executive
Tami Altschiller, Assistant Chief Deputy County Attorney
Lorraine Yazzetta, Associate Budget Director
William Brady, Chief Planner
Claudia Maxwell, Associate Environmental Planner

ACT NO. -20_____

BOND ACT OF THE COUNTY OF WESTCHESTER, NEW YORK, AMENDING THE BOND ACT ADOPTED DECEMBER 3, 2019 IN RELATION TO THE COUNTY'S SHARE OF THE COST OF A FLOOD MITIGATION PROJECT IN THE COUNTY, AT THE MAXIMUM ESTIMATED COST OF \$2,500,000. (Adopted _____, 20_____).

WHEREAS, this Board has heretofore duly authorized the issuance of \$1,000,000 bonds to the County's share of the cost of a flood mitigation project in the Village of Mamaroneck as described in the Village of Mamaroneck's Project Application to the County under the Westchester County Flood Action Program, in particular the reconstruction of the Hillside Avenue bridge in the Village of Mamaroneck, pursuant to Act No. 247-2019 duly adopted on December 3, 2019; and

WHEREAS, it has been determined that additional funds are needed due to materials and supply chain issues that have arisen and resulted in delays and cost increases, and it is necessary to increase the amount of bonds to be issued and the appropriation for such project for the estimated cost of such improvement;

BE IT ENACTED BY THE COUNTY BOARD OF LEGISLATORS OF THE COUNTY OF WESTCHESTER, NEW YORK (by the affirmative vote of not less than two-thirds of the voting strength of said Board), AS FOLLOWS:

SECTION (A) The bond act duly adopted by this Board on December 3, 2019, entitled:

"ACT NO. 247-2019

BOND ACT AUTHORIZING THE ISSUANCE OF \$1,000,000 BONDS OF THE COUNTY OF WESTCHESTER, OR SO MUCH THEREOF AS MAY BE NECESSARY, TO FINANCE THE COUNTY'S SHARE OF THE COST OF A FLOOD MITIGATION PROJECT IN THE COUNTY, STATING THE ESTIMATED MAXIMUM COST THEREOF IS \$1,000,000; STATING THE PLAN OF FINANCING SAID COST INCLUDES THE ISSUANCE OF \$1,000,000 BONDS HEREIN AUTHORIZED; AND PROVIDING FOR A TAX TO PAY THE PRINCIPAL OF AND INTEREST ON SAID BONDS."

is hereby amended to read as follows:

ACT NO. -20 _____

BOND ACT AUTHORIZING THE ISSUANCE OF \$2,500,000 BONDS OF THE COUNTY OF WESTCHESTER, OR SO MUCH THEREOF AS MAY BE NECESSARY, TO FINANCE THE COUNTY'S SHARE OF THE COST OF A FLOOD MITIGATION PROJECT IN THE COUNTY, STATING THE ESTIMATED MAXIMUM COST THEREOF IS \$2,500,000; STATING THE PLAN OF FINANCING SAID COST INCLUDES THE ISSUANCE OF \$2,500,000 BONDS HEREIN AUTHORIZED; AND PROVIDING FOR A TAX TO PAY THE PRINCIPAL OF AND INTEREST ON SAID BONDS. (Adopted _____, 20____)

BE IT ENACTED BY THE COUNTY BOARD OF LEGISLATORS OF THE COUNTY OF WESTCHESTER, NEW YORK (by the affirmative vote of not less than two-thirds of the voting strength of said Board), AS FOLLOWS:

Section 1. Pursuant to the provisions of the Local Finance Law, constituting Chapter 33-a of the Consolidated Laws of the State of New York (the "Law"), the Westchester County Administrative Code, being Chapter 852 of the Laws of 1948, as amended, an Intermunicipal Agreement between the County and the Village of Mamaroneck, and to the provisions of other laws applicable thereto; \$2,500,000 bonds of the County, or so much thereof as may be necessary, are hereby authorized to be issued to finance the County's share of the cost of a flood mitigation project in the above-referenced municipalities as described in said

municipalities' Project Applications to the County under the Westchester County Flood Action Program, in particular the reconstruction of the Hillside Avenue bridge in the Village of Mamaroneck, all as set forth in the County's Current Year Capital Budget, as amended. To the extent that the details set forth in this act are inconsistent with any details set forth in the Current Year Capital Budget of the County, such Budget shall be deemed and is hereby amended. The total estimated maximum cost of said specific object or purpose, including preliminary costs and costs incidental thereto and the financing thereof is \$2,500,000. The plan of financing includes the issuance of \$2,500,000 bonds herein authorized, and any bond anticipation notes issued in anticipation of the sale of such bonds, and the levy of a tax to pay the principal of and interest on said bonds.

Section 2. The period of probable usefulness of the specific object or purpose for which said \$2,500,000 bonds authorized by this Act are to be issued, within the limitations of Section 11.00 a.10 of the Law, is twenty (20) years;

Section 3. Current funds are not required to be provided as a down payment pursuant to Section 107.00 d. 9. of the Law prior to issuance of the bonds authorized herein, or any bond anticipation notes issued in anticipation of the sale of such bonds. The County intends to finance, on an interim basis, the costs or a portion of the costs of said improvements for which bonds are herein authorized, which costs are reasonably expected to be reimbursed with the proceeds of debt to be incurred by the County, pursuant to this Act, in the maximum amount of \$2,500,000. This Act is a declaration of official intent adopted pursuant to the requirements of Treasury Regulation Section 1.150-2.

Section 4. The estimate of \$2,500,000 as the estimated total cost of the aforesaid objects or purposes is hereby approved.

Section 5. Subject to the provisions of this Act and of the Law, and pursuant to the provisions of §30.00 relative to the authorization of the issuance of bond anticipation notes or the renewals thereof, and of §§50.00, 56.00 to 60.00 and 168.00 of said Law, the powers and duties of the County Board of Legislators relative to authorizing the issuance of any notes in anticipation of the sale of the bonds herein authorized, or the renewals thereof, relative to providing for substantially level or declining annual debt service, relative to prescribing the terms, form and contents and as to the sale and issuance of the respective amounts of bonds herein authorized, and of any notes issued in anticipation of the sale of said bonds or the renewals of said notes, and relative to executing agreements for credit enhancement, are hereby delegated to the Commissioner of Finance of the County, as the chief fiscal officer of the County.

Section 6. Each of the bonds authorized by this Act and any bond anticipation notes issued in anticipation of the sale thereof shall contain the recital of validity prescribed by §52.00 of said Local Finance Law and said bonds and any notes issued in anticipation of said bonds shall be general obligations of the County of Westchester, payable as to both principal and interest by general tax upon all the taxable real property within the County. The faith and credit of the County are hereby irrevocably pledged to the punctual payment of the principal of and interest on said bonds and any notes issued in anticipation of the sale of said bonds or the renewals of said notes, and provision shall be made annually in the budgets of the County by appropriation for (a) the amortization and redemption of the notes and bonds to mature in such year and (b) the payment of interest to be due and payable in such year.

Section 7. The validity of the bonds authorized by this Act and of any notes issued in anticipation of the sale of said bonds, may be contested only if:

(a) such obligations are authorized for an object or purpose for which the County is not authorized to expend money, or

(b) the provisions of law which should be complied with at the date of the publication of this Act or a summary hereof, are not substantially complied with,

and an action, suit or proceeding contesting such validity, is commenced within twenty days after the date of such publication, or

(c) such obligations are authorized in violation of the provisions of the Constitution.

Section 8. This Act shall take effect in accordance with Section 107.71 of the Westchester County Charter.

SECTION (B) The amendment of the bond act set forth in Section (A) of this act shall in no way affect the validity of the liabilities incurred, obligations issued, or action taken pursuant to said bond act, and all such liabilities incurred, obligations issued, or action taken shall be deemed to have been incurred, issued or taken pursuant to said bond act, as so amended.

SECTION (C) This Act shall take effect in accordance with Section 107.71 of the Westchester County Charter.

* * *

STATE OF NEW YORK)
 : ss.:
COUNTY OF NEW YORK)

I HEREBY CERTIFY that I have compared the foregoing Act No. -20____
with the original on file in my office, and that the same is a correct transcript therefrom and of
the whole of the said original Act, which was duly adopted by the County Board of Legislators of
the County of Westchester on , 20____ and approved by the County Executive
on , 20____.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the
corporate seal of said County Board of Legislators
this day of , 20____.

The Clerk and Chief Administrative Office of the
County Board of Legislators County of
Westchester, New York

(SEAL)

LEGAL NOTICE

A Bond Act, a summary of which is published herewith, has been adopted by the Board of Legislators on December 3, 2019 and amended on _____, 20____ and approved, as amended, by the County Executive on _____, 20____ and the validity of the obligations authorized by such Bond Act may be hereafter contested only if such obligations were authorized for an object or purpose for which the County of Westchester, in the State of New York, is not authorized to expend money or if the provisions of law which should have been complied with as of the date of publication of this Notice were not substantially complied with, and an action, suit or proceeding contesting such validity is commenced within twenty days after the publication of this Notice, or such obligations were authorized in violation of the provisions of the Constitution.

Complete copies of the amended Bond Act summarized herewith shall be available for public inspection during normal business hours at the Office of the Clerk of the Board of Legislators of the County of Westchester, New York, for a period of twenty days from the date of publication of this Notice.

ACT NO. _____-20_____

BOND ACT AUTHORIZING THE ISSUANCE OF \$2,500,000 BONDS OF THE COUNTY OF WESTCHESTER, OR SO MUCH THEREOF AS MAY BE NECESSARY, TO FINANCE THE COUNTY'S SHARE OF THE COST OF A FLOOD MITIGATION PROJECT IN THE COUNTY, STATING THE ESTIMATED MAXIMUM COST THEREOF IS \$2,500,000; STATING THE PLAN OF FINANCING SAID COST INCLUDES THE ISSUANCE OF \$2,500,000 BONDS HEREIN AUTHORIZED; AND PROVIDING FOR A TAX TO PAY THE PRINCIPAL OF AND INTEREST ON SAID BONDS. (adopted on December 3, 2019 and amended on _____, 20____)

object or purpose: to finance the County's share of the cost of flood mitigation projects in the Village of Mamaroneck as described in the Village of Mamaroneck's project applications to the County under the Westchester County flood action program, in particular the reconstruction of the Hillside Avenue Bridge in the Village of Mamaroneck, all as set forth in the County's current year capital budget, as amended.

amount of obligations to be issued:
and period of probable usefulness: \$2,500,000; twenty (20) years

Dated: _____, 20____
White Plains, New York

Clerk and Chief Administrative Officer of the County Board
of Legislators of the County of Westchester, New York

CAPITAL PROJECT FACT SHEET

Project ID:* BPL26	<input type="checkbox"/> CBA	Fact Sheet Date:* 08-11-2022
Fact Sheet Year:* 2022	Project Title:* FLOOD MITIGATION	Legislative District ID: 7
Category* BUILDINGS, LAND & MISCELLANEOUS	Department:* PLANNING	CP Unique ID: 2001

Overall Project Description

This project is intended to provide a share of the cost of funding flood mitigation projects that are proposed by local municipalities and approved by the County. This is a general fund, specific projects are subject to a Capital Budget Amendment.

- | | | |
|--|---|--|
| <input type="checkbox"/> Best Management Practices | <input type="checkbox"/> Energy Efficiencies | <input checked="" type="checkbox"/> Infrastructure |
| <input checked="" type="checkbox"/> Life Safety | <input type="checkbox"/> Project Labor Agreement | <input type="checkbox"/> Revenue |
| <input type="checkbox"/> Security | <input checked="" type="checkbox"/> Other(FLOOD MITIGATION) | |

FIVE-YEAR CAPITAL PROGRAM (in thousands)

	Estimated Ultimate Total Cost	Appropriated	2022	2023	2024	2025	2026	Under Review
Gross	51,750	20,750	11,000	0	0	0	0	20,000
Less Non-County Shares	0	0	0	0	0	0	0	0
Net	51,750	20,750	11,000	0	0	0	0	20,000

Expended/Obligated Amount (in thousands) as of : 6,626

Current Bond Description: The current request is to amend the original bond act (247-2019) for the Hillside Avenue Bridge project in the Village of Mamaroneck. Additional funds are required as a result of cost increases due to materials and supply chain issues that have resulted in delays and cost increases. The total funding requested, including both the previous funding and the current request, will remain less than 50% of the total project cost in accordance with the requirements of the Stormwater Management Law.

Financing Plan for Current Request:

Non-County Shares:	\$ 0
Bonds/Notes:	1,500,000
Cash:	0
Total:	\$ 1,500,000

SEQR Classification:

UNLISTED

Amount Requested:

1,500,000

Comments:

The project location (Hillside Avenue Bridge in the Village of Mamaroneck) was added to the BPL26 capital project as part of the original bond act (247-2019), which required a CBA. This request is to amend that bond act to add funds to it, not to add funds to the BPL26 capital project. Therefore, this request is not a CBA. The Village classified the project as an Unlisted action and conducted coordinated review in 2019, including the County. The project scope has not changed, and no further environmental review is required.

Energy Efficiencies:

Appropriation History:

Year	Amount	Description
2009	5,400,000	MAMARONECK AND SHELDRAKE RIVERS BASIN FLOOD DAMAGE REDUCTION STUDY; FOUR LOCAL MUNICIPAL FLOOD PROJECTS
2012	5,000,000	FLOOD MITIGATION PROJECTS TO BE DETERMINED
2013	5,000,000	FLOOD RELATED PROJECTS
2015	150,000	DESIGN OF A STUDY FOR A COUNTYWIDE SYSTEM OF STREAM AND STORM GAUGES
2016	5,000,000	CONTINUATION OF THIS PROJECT
2021	200,000	DESIGN AND INSTALLATION OF A MAINTENANCE GATE AT SPRAIN BROOK, YONKERS
2022	11,000,000	THE US ARMY CORPS OF ENGINEERS' PROJECT IN THE VILLAGE OF MAMARONECK/SHELDRAKE AND MAMARONECK RIVERS

Total Appropriation History:

31,750,000

Financing History:

Year	Bond Act #	Amount	Issued	Description
09	79	900,000	899,501	FLOOD MITIGATION STUDY: MAM'K & SHELDRAKE RIVERS BASIN
09	140	2,441,625	2,441,625	COUNTY PORTION OF FLOOD MITIGATION PROJECT IN COUNTY
17	11	2,974,875	2,502,239	COUNTY PORTION OF FLOOD MITIGATION PROJECT IN COUNTY (AMMENDED)
18	171	70,000	0	FUNDING FOR AN ENGINEERING STUDY TO DEVELOP A SOLUTION FOR FLOODING IN RYE BROOK, AVON CIRCLE AREA
19	108	300,000	123,508	INITIAL DESIGN OF PROJECT TO MITIGATE FLOODING ALONG THE HUTCHINSON RIVER
19	247	1,000,000	0	RECONSTRUCT THE HILLSIDE AVENUE BRIDGE IN THE VILLAGE OF MAMARONECK
21	171	350,000	0	FLOOD MITIGATION-TOWN OF NEW CASTLE (UNIQUES ID# 1694)
21	175	270,000	0	FLOOD MITIGATION-YONKERS (UNIQUES ID# 1692)
22	85	130,000	0	FLOOD MITIGATION-DOBBS FERRY (UNIQUES ID# 1948)

Total Financing History:

8,436,499

Recommended By:

Department of Planning
WBB4

Date
10-26-2022

Department of Public Works
RJB4

Date
10-27-2022

Budget Department
LMY1

Date
11-01-2022

Requesting Department
WBB4

Date
11-01-2022

FLOOD MITIGATION (BPL26)

User Department : Planning

Managing Department(s) : Planning ;

Estimated Completion Date: TBD

Planning Board Recommendation: Project approved in concept but subject to subsequent staff review.

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Est Ult Cost	Appropriated	Exp / Obl	2022	2023	2024	2025	2026	Under Review
Gross	51,750	20,750	6,626	11,000					20,000
Non County Share									
Total	51,750	20,750	6,626	11,000					20,000

Project Description

This project is intended to provide a share of the cost of funding flood mitigation projects that are proposed by local municipalities and approved by the County. This is a general fund, specific projects are subject to a Capital Budget Amendment.

Current Year Description

The current year request funds The US Army Corps of Engineers' project in the Village of Mamaroneck/Sheldrake and Mamaroneck rivers.

Current Year Financing Plan

Year	Bonds	Cash	Non County Shares	Total
2022	11,000,000			11,000,000

Impact on Operating Budget

The impact on the Operating Budget is the debt associated with the issuance of bonds.

Appropriation History

Year	Amount	Description	Status
2009	5,400,000	Mamaroneck and Sheldrake Rivers basin flood damage reduction study; Four local municipal flood projects	COMPLETE
2012	5,000,000	Flood Mitigation Projects to be Determined	PARTIALLY IN PROGRESS
2013	5,000,000	Flood related projects	AWAITING BOND AUTHORIZATION
2015	150,000	Design of a study for a countywide system of stream and storm gauges	AWAITING BOND AUTHORIZATION
2016	5,000,000	Continuation of this project	AWAITING BOND AUTHORIZATION
2021	200,000	Design and installation of a maintenance gate at Sprain Brook, Yonkers	AWAITING BOND AUTHORIZATION
Total	20,750,000		

Prior Appropriations

	Appropriated	Collected	Uncollected
Bond Proceeds	20,750,000	6,009,371	14,740,629
Total	20,750,000	6,009,371	14,740,629

**FLOOD MITIGATION
(BPL26)**

Bonds Authorized

Bond Act	Amount	Date Sold	Amount Sold	Balance
79 09	900,000	12/02/10	358,000	499
		12/02/10	(358,000)	
		11/30/11	522,141	
		11/30/11	77,859	
		11/19/15	250,434	
		11/19/15	48,566	
		11/19/15	501	
		140 09	2,441,625	
		10/24/12	75,506	
		10/24/12	6,240	
		12/10/13	852,989	
		12/10/13	104,011	
		12/10/13	2,925	
		11/19/15	334,212	
		11/19/15	64,813	
		11/19/15	669	
		12/15/16	259,766	
11 17	2,974,875	12/15/17	31,948	
		12/15/17	5,866	
		12/15/17	50	
		12/15/17	29,606	
		12/15/17	5,436	
		12/15/17	46	
		12/10/18	660,625	
		12/10/19	959,846	
		12/10/19	189,546	
		12/10/19	117,641	
		12/10/19	23,231	
		04/30/20	478,398	
171 18	70,000			70,000
108 19	300,000			300,000
247 19	1,000,000			1,000,000
171 21	350,000			350,000
175 21	270,000			270,000