Offering Circular Supplement (To Base Offering Circular dated March 1, 2000)

# \$350,000,000

# Government National Mortgage Association GINNIE MAE<sup>®</sup>



Guaranteed REMIC Pass-Through Securities and MX Securities Ginnie Mae REMIC Trust 2001-20



The securities may not be suitable investments for you. You should consider carefully the risks of investing in them.

See "Risk Factors" beginning on page S-6 which highlights some of these risks.

# The Securities

The Trust will issue the classes of securities listed on the inside front cover.

# The Ginnie Mae Guaranty

Ginnie Mae will guarantee the timely payment of principal and interest on the securities. The Ginnie Mae Guaranty is backed by the full faith and credit of the United States of America.

# The Trust and its Assets

The Trust will own Ginnie Mae Certificates.

The Sponsor and the Co-Sponsor will offer the securities from time to time in negotiated transactions at varying prices. We expect the closing date to be April 30, 2001.

You should read the Base Offering Circular as well as this Supplement.

The securities are exempt from registration under the Securities Act of 1933 and are "exempted securities" under the Securities Exchange Act of 1934.

LEHMAN BROTHERS

THE WILLIAMS CAPITAL GROUP, L.P.

The date of this Offering Circular Supplement is April 24, 2001.

## Ginnie Mae REMIC Trust 2001-20

The Trust will issue the classes of securities listed in the table below. If you own exchangeable securities identified in the table, you can exchange them for the corresponding MX Securities, and vice versa.

Class of REMIC Securities	Original Principal Balance(2)	Interest Rate	Principal Type(3)	Interest Type(3)	Final Distribution Date(4)	CUSIP Number
Α	\$263,251,000	6.00%	SEQ	FIX	December 2027	383739R84
VA(1)	24,510,000	6.00	AD/SEQ	FIX	May 2010	383739R92
VB(1)	28,148,000	6.00	AD/SEQ	FIX	December 2016	383739826
Z(1)	34,091,000	6.00	SEQ	FIX/Z	April 2031	383739834
R	0	0.00	NPR	NPR	April 2031	383739842

(1) These securities may be exchanged for MX Securities described in Schedule I.

(2) Subject to increase as described under "Increase in Size" in this Supplement.

(3) As defined under "Class Types" in Appendix I to the Base Offering Circular.

(4) See "Yield, Maturity and Prepayment Considerations — Final Distribution Date" in this Supplement.

#### **AVAILABLE INFORMATION**

You should purchase the securities only if you have read and understood the following documents:

- this Supplement and
- the Base Offering Circular.

The Base Offering Circular is available on Ginnie Mae's website located at http://www.ginniemae.gov.

If you do not have access to the internet, call The Chase Manhattan Bank, which will act as information agent for the Trust, at (800) 234-GNMA, to order copies of the Base Offering Circular.

Please consult the description of Class Types included in the Base Offering Circular as Appendix I and the Glossary included in the Base Offering Circular as Appendix II for definitions of capitalized terms.

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## **TERMS SHEET**

This terms sheet contains selected information for quick reference only. You should read this Supplement, particularly "Risk Factors," and each of the other documents listed under "Available Information."

**Sponsor:** Lehman Brothers Inc.

Trustee: State Street Bank and Trust Company

Tax Administrator: The Trustee

Closing Date: April 30, 2001

**Distribution Date:** The 20th day of each month or, if the 19th day or the 20th day is not a Business Day, the first Business Day following the 20th day of each month, commencing in May 2001.

## **Trust Assets:**

Trust Asset Type	Certificate Rate	Original Term To Maturity (in years)
Ginnie Mae II	6.00%	30

Assumed Characteristics of the Mortgage Loans Underlying the Trust Assets<sup>1</sup>:

Principal Balance <sup>2</sup>	Weighted Average Remaining Term to Maturity (in months)	Weighted Average Loan Age (in months)	Weighted Average Mortgage Rate <sup>5</sup>
\$350,000,000	335	20	6.74%

<sup>1</sup> As of April 1, 2001.

<sup>2</sup> Does not include Trust Assets that will be added to pay the Trustee Fee.

<sup>3</sup> The Mortgage Loans underlying the Trust Assets may bear interest at rates ranging from 0.5% to 1.5% per annum above the Certificate Rate.

The actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans will differ from the weighted averages shown above, perhaps significantly. *See "The Trust Assets — The Mortgage Loans" in this Supplement.* 

**Modification and Exchange:** If you own exchangeable Securities you will be able, upon notice and payment of an exchange fee, to exchange them for a proportionate interest in the related Securities shown on Schedule I to this Supplement. *See "Description of the Securities — Modification and Exchange" in this Supplement.* 

Increased Minimum Denomination Classes: None.

**Interest Rates:** The Interest Rates are shown on the inside cover page of this Supplement or on Schedule I to this Supplement.

**Allocation of Principal:** On each Distribution Date, a percentage of the Principal Distribution Amount will be applied to the Trustee Fee, and the remainder of the Principal Distribution

Amount (the "Adjusted Principal Distribution Amount") and the Accrual Amount will be allocated as follows:

• The Accrual Amount in the following order of priority:

 Accretion<br/>Directed<br/>and<br/>Accrual
 1. To VA and VB, in that order, until retired

 2. To Z

 Sequential<br/>Pay

 • The Adjusted Principal Distribution Amount to A, VA, VB and Z, in that order,

until retired

**Accrual Class:** Interest will accrue on the Accrual Class identified on the inside front cover of this Supplement at the per annum rate set forth on that page. However, no interest will be distributed to the Accrual Class as interest. Interest so accrued on the Accrual Class on each Distribution Date will constitute the Accrual Amount, which will be added to the Class Principal Balance of that Class on each Distribution Date and will be distributable as principal as set forth in this Terms Sheet under "Allocation of Principal."

**Tax Status:** Single REMIC Series. See "Certain Federal Income Tax Consequences" in this Supplement and in the Base Offering Circular.

**Regular and Residual Classes:** Class R is a Residual Class; all other Classes of REMIC Securities are Regular Classes.

#### **RISK FACTORS**

You should purchase securities only if you understand and are able to bear the associated risks. The risks applicable to your investment depend on the principal and interest type of your securities. This section highlights certain of these risks.

The rate of principal payments on the underlying mortgage loans will affect the rate of principal payments on your securities. The rate at which you will receive principal payments will depend largely on the rate of principal payments, including prepayments, on the mortgage loans underlying the trust assets. We expect the rate of principal payments on the underlying mortgage loans to vary. Borrowers generally may prepay their mortgage loans at any time without penalty.

*Rates of principal payments can reduce your yield.* The yield on your securities probably will be lower than you expect if:

- you bought your securities at a premium and principal payments are faster than you expected, or
- you bought your securities at a discount and principal payments are slower than you expected.

In addition, if your securities are purchased at a significant premium, you could lose money on your investment if prepayments occur at a rapid rate.

An investment in the securities is subject to significant reinvestment risk. The rate of principal payments on your securities is uncertain. You may be unable to reinvest the payments on your securities at the same returns provided by the securities. Lower prevailing interest rates may result in an unexpected return of principal. In that interest rate climate, higher yielding reinvestment opportunities may be limited. Conversely, higher prevailing interest rates may result in slower returns of principal and you may not be able to take advantage of higher yielding investment opportunities. The final payment on your security may occur much earlier than the final distribution date.

*The securities may not be a suitable investment for you.* The securities, in particular, the accrual and residual classes, are not suitable investments for all investors.

In addition, although the sponsor intends to make a market for the purchase and sale of the securities after their initial issuance, it has no obligation to do so. There is no assurance that a secondary market will develop, that any secondary market will continue, or that the price at which you can sell an investment in any class will enable you to realize a desired yield on that investment.

You will bear the market risks of your investment. The market values of the classes are likely to fluctuate. These fluctuations may be significant and could result in significant losses to you.

The secondary markets for mortgage-related securities have experienced periods of illiquidity and can be expected to do so in the future. Illiquidity can have a severely adverse effect on the prices of classes that are especially sensitive to prepayment or interest rate risk or that have been structured to meet the investment requirements of limited categories of investors.

The residual securities may experience significant adverse tax timing consequences. Accordingly, you are urged to consult tax advisors and to consider the after-tax effect of ownership of a residual security and the suitability of the residual securities to your investment objectives. *See "Certain Federal Income Tax Consequences" in this supplement and in the base offering circular.* 

You are encouraged to consult advisors regarding the financial, legal, tax and other aspects of an investment in the securities. You should not purchase the securities of any class unless you understand and are able to bear the prepayment, yield, liquidity and market risks associated with that class. *The actual characteristics of the underlying mortgage loans will affect the weighted average lives and yields of your securities.* The yield and prepayment tables in this supplement are based on assumed characteristics which are likely to be different from the actual characteristics. As a result, the yields on your securities could be lower than you expected, even if the mortgage loans prepay at the constant prepayment rates set forth in the applicable table.

It is highly unlikely that the underlying mortgage loans will prepay at any of the prepayment rates assumed in this supplement, or at any constant prepayment rate.

#### THE TRUST ASSETS

#### General

The Sponsor intends to acquire the Trust Assets in privately negotiated transactions prior to the Closing Date and to sell them to the Trust according to the terms of a Trust Agreement between the Sponsor and the Trustee. The Sponsor will make certain representations and warranties with respect to the Trust Assets. All Trust Assets will evidence, directly or indirectly, Ginnie Mae Certificates.

#### The Trust MBS

The Trust MBS are either:

- 1. Ginnie Mae II MBS Certificates guaranteed by Ginnie Mae, or
- 2. Ginnie Mae Platinum Certificates backed by Ginnie Mae II MBS Certificates and guaranteed by Ginnie Mae.

Each Mortgage Loan underlying a Ginnie Mae II MBS Certificate bears interest at a Mortgage Rate 0.50% to 1.50% per annum greater than the related Certificate Rate. Ginnie Mae receives a fee (the "Ginnie Mae Certificate Guaranty Fee") for its guaranty of each Ginnie Mae II MBS Certificate of 0.06% per annum of the outstanding principal balance of each related Mortgage Loan. The difference between (a) the Mortgage Rate and (b) the sum of the Certificate Rate and the Ginnie Mae Certificate Guaranty Fee is used to pay the related servicers of the Mortgage Loans a monthly servicing fee.

#### The Mortgage Loans

The Mortgage Loans underlying the Trust Assets are expected to have, on a weighted average basis, the characteristics set forth in the Terms Sheet under "Assumed Characteristics of the Mortgage Loans Underlying the Trust Assets" and the general characteristics described in the Base Offering Circular. The Mortgage Loans will consist of first lien, single-family, fixed rate, residential mortgage loans that are insured or guaranteed by the Federal Housing Administration, the United States Department of Veterans Affairs, the Rural Housing Service or the United States Department of Housing and Urban Development ("HUD"). *See "The Ginnie Mae Certificates — General" in the Base Offering Circular*.

Specific information regarding the characteristics of the Mortgage Loans is not available. For purposes of this Supplement, certain assumptions have been made regarding the remaining terms to maturity, loan ages and Mortgage Rates of the Mortgage Loans. However, the actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans will differ from the characteristics assumed, perhaps significantly. This will be the case even if the weighted average characteristics of the Mortgage Loans are the same as the assumed characteristics. Small differences in the characteristics of the Mortgage Loans can have a significant effect

on the weighted average lives and yields of the Securities. See "Risk Factors" and "Yield, Maturity and Prepayment Considerations" in this Supplement.

#### The Trustee Fee

On each Distribution Date, the Trustee will retain a fixed percentage of all principal and interest distributions received on the Trust Assets in payment of its fee (the "Trustee Fee").

#### **GINNIE MAE GUARANTY**

The Government National Mortgage Association ("Ginnie Mae"), a wholly-owned corporate instrumentality of the United States of America within HUD, guarantees the timely payment of principal and interest on the Securities (the "Ginnie Mae Guaranty"). The General Counsel of HUD has provided an opinion to the effect that Ginnie Mae has the authority to guarantee multiclass securities and that Ginnie Mae guaranties will constitute general obligations of the United States, for which the full faith and credit of the United States is pledged. *See "Ginnie Mae Guaranty" in the Base Offering Circular*.

#### **DESCRIPTION OF THE SECURITIES**

#### General

The description of the Securities contained in this Supplement is not complete and is subject to, and is qualified in its entirety by reference to, all of the provisions of the Trust Agreement. See "Description of the Securities" in the Base Offering Circular.

#### Form of Securities

Each Class of Securities (other than the Residual Securities) initially will be issued and maintained in Book-Entry Form and may be transferred only on the book-entry system of the MBS Division of The Depository Trust Company (together with any successor, the "Book-Entry Depository"). Beneficial Owners of Securities in Book-Entry Form will ordinarily hold these Securities through one or more financial intermediaries, such as banks, brokerage firms and securities clearing organizations. By request accompanied by the payment of a transfer fee of \$25,000 per physical certificate to be issued, a Beneficial Owner may receive a Regular Security in certificated form.

The Residual Securities will not be issued in Book-Entry Form but will be issued in fully registered, certificated form and may be transferred or exchanged, subject to the transfer restrictions applicable to Residual Securities set forth in the Trust Agreement, at the Corporate Trust Office of the Trustee. *See "Description of the Securities — Forms of Securities; Book-Entry Procedures" in the Base Offering Circular.* 

Each Class will be issued in minimum dollar denominations of initial principal balance of \$1,000 and integral multiples of \$1 in excess of \$1,000.

#### Distributions

Distributions on each Class of Securities will be made on each Distribution Date, as specified under "Terms Sheet — Distribution Date" in this Supplement. On each Distribution Date, the Trustee will distribute the Distribution Amount to Holders of record as of the close of business on the last Business Day of the calendar month immediately preceding the month in which the Distribution Date occurs (each, a "Record Date"). For Book-Entry Securities, the Trustee will distribute principal and interest to the Book-Entry Depository, and Beneficial Owners will receive distributions through credits to accounts maintained for their benefit on

the books and records of appropriate financial intermediaries. *See "Description of the Securities — Distributions" and "— Method of Distributions" in the Base Offering Circular.* 

#### **Interest Distributions**

On each Distribution Date, the Interest Distribution Amount will be distributed to the Holders of all Classes of Securities entitled to distributions of interest.

- Interest will be calculated on the basis of a 360-day year consisting of twelve 30-day months.
- Interest distributable on any Class on any Distribution Date will consist of 30 days' interest on its Class Principal Balance as of the related Record Date.
- Investors can calculate the amount of interest to be distributed on each Class of Securities on any Distribution Date by using the Class Factors published in the preceding month. *See "— Class Factors" below.*

#### Categories of Classes

For purposes of interest distributions, the Classes will be categorized as shown under "Interest Type" on the inside cover page of this Supplement and on Schedule I to this Supplement. The abbreviations used on the inside cover page and on Schedule I to this Supplement are explained under "Class Types" in Appendix I to the Base Offering Circular.

#### Accrual Periods

The Accrual Period for each Class is the calendar month preceding the related Distribution Date.

#### Interest Rates

Each Class will bear interest at the per annum Interest Rate shown on the inside cover page of this Supplement or on Schedule I to this Supplement.

#### Accrual Class

Class Z is an Accrual Class. Interest will accrue on the Accrual Class and be distributed as described under "Terms Sheet — Accrual Class" in this Supplement.

#### **Principal Distributions**

The Adjusted Principal Distribution Amount and the Accrual Amount will be distributed to the Holders entitled thereto as described above under "Terms Sheet — Allocation of Principal." Investors can calculate the amount of principal to be distributed with respect to any Distribution Date by using the Class Factors published in the preceding and current months. *See "— Class Factors" below.* 

#### Categories of Classes

For purposes of principal distributions, the Classes will be categorized as shown under "Principal Type" on the inside cover page of this Supplement and on Schedule I to this Supplement. The abbreviations used on the inside cover page and on Schedule I to this Supplement are explained under "Class Types" in Appendix I to the Base Offering Circular.

#### **Residual Securities**

The Class R Securities will represent the beneficial ownership of the Residual Interest in the Trust REMIC. The Class R Securities have no Class Principal Balance and do not accrue interest. The Class R Securities will be entitled to receive the proceeds of the disposition of any assets remaining in the Trust REMIC after the Class Principal Balance of each Class of Regular Securities has been reduced to zero. However, any remaining proceeds are not likely to be significant. The Residual Securities may not be transferred to a Plan Investor, a Non-U.S. Person or a Disqualified Organization.

#### **Class Factors**

The Trustee will calculate and make available for each Class of Securities, no later than the day preceding the Distribution Date, the factor (carried out to eight decimal places) that when multiplied by the Original Class Principal Balance of that Class, determines the Class Principal Balance after giving effect to the distribution of principal to be made on the Securities (and any addition to the Class Principal Balance of the Accrual Class) on that Distribution Date (each, a "Class Factor").

- The Class Factor for each Class for the month of issuance is 1.00000000.
- The Class Factor for any Class of Securities for any month following the issuance of the Securities will reflect its remaining Class Principal Balance after giving effect to any principal distribution (or addition to principal) to be made on the Distribution Date occurring in that month.
- The Class Factors for the MX Class and the Classes of REMIC Securities that are exchangeable for the MX Class will be calculated assuming that the maximum possible amount of each Class is outstanding at all times, regardless of any exchanges that may occur.
- Based on the Class Factors published each month (and Interest Rates), investors in any Class (other than the Accrual Class) can calculate the amount of principal and interest to be distributed to that Class, and investors in the Accrual Class can calculate the total amount of principal and interest to be distributed to (or interest to be added to the Class Principal Balance of) that Class.
- Investors may obtain current Class Factors on gREX.

See "Description of the Securities — Distributions" in the Base Offering Circular.

#### Termination

The Trustee, at its option, may purchase or cause the sale of the Trust Assets and thereby terminate the Trust on any Distribution Date on which the aggregate of the Class Principal Balances of the Securities is less than 1% of the aggregate Original Class Principal Balances of the Securities. The Trustee will terminate the Trust and retire the Securities on any Distribution Date upon the Trustee's determination that the REMIC status of the Trust REMIC has been lost or that a substantial risk exists that this status will be lost for the then current taxable year.

Upon any termination of the Trust, the Holder of any outstanding Security will be entitled to receive that Holder's allocable share of the Class Principal Balance of that Class plus any accrued and unpaid interest thereon at the applicable Interest Rate. The Residual Holders will be entitled to their pro rata share of any assets remaining in the Trust REMIC after payment in full of the amounts described in the foregoing sentence. However, any remaining assets are not likely to be significant.

#### **Modification and Exchange**

All or a portion of the Classes of REMIC Securities specified on the inside cover page may be exchanged for a proportionate interest in the MX Class shown on Schedule I to this Supplement. Similarly, all or a portion of the MX Class may be exchanged for proportionate interests in the related Classes of REMIC Securities. This process may occur repeatedly.

Each exchange may be effected only in proportions that result in the principal and interest entitlements of the Securities received being equal to the entitlements of the Securities surrendered.

A Beneficial Owner proposing to effect an exchange must notify the Trustee through the Beneficial Owner's Book Entry Depository participant. This notice must be received by the Trustee not later than two Business Days before the proposed exchange date. The exchange date can be any Business Day other than the last Business Day of the month. The notice must contain the outstanding principal balance of the Securities to be included in the exchange and the proposed exchange date. The notice is required to be delivered to the Trustee in writing at its Corporate Trust Office, State Street Bank and Trust Company, Global Investor Service Group, Corporate Trust, 2 Avenue de Lafayette, Boston, Massachusetts 02111. The Trustee may be contacted by telephone at (617) 662-1337 and by fax at (617) 662-1435.

A fee will be payable to the Trustee in connection with each exchange equal to 1/32 of 1% of the Class Principal Balance of the Securities surrendered for exchange (but not less than \$2,000 or more than \$25,000). The fee must be paid not later than two business days prior to the exchange.

The first distribution on a REMIC Security or an MX Security received in an exchange will be made on the Distribution Date in the month following the month of the exchange. The distribution will be made to the Holder of record as of the Record Date in the month of exchange.

See "Description of the Securities — Modification and Exchange" in the Base Offering Circular.

#### YIELD, MATURITY AND PREPAYMENT CONSIDERATIONS

#### General

The prepayment experience of the Mortgage Loans underlying the Trust Assets will affect the Weighted Average Lives of and the yields realized by investors in the related Class or Classes of Securities.

- The Mortgage Loans do not contain "due-on-sale" provisions, and any Mortgage Loan may be prepaid in full or in part at any time without penalty.
- The rate of payments (including prepayments and payments in respect of liquidations) on the Mortgage Loans is dependent on a variety of economic, geographic, social and other factors, including prevailing market interest rates and general economic factors.

The rate of prepayments with respect to single-family mortgage loans has fluctuated significantly in recent years. Although there is no assurance that prepayment patterns for the

Mortgage Loans will conform to patterns for more traditional types of conventional fixed-rate mortgage loans, generally:

- if mortgage interest rates fall materially below the Mortgage Rates on any of the Mortgage Loans (giving consideration to the cost of refinancing), the rate of prepayment of those Mortgage Loans would be expected to increase; and
- if mortgage interest rates rise materially above the Mortgage Rates on any of the Mortgage Loans, the rate of prepayment of those Mortgage Loans would be expected to decrease.

In addition, following any Mortgage Loan default and the subsequent liquidation of the underlying Mortgaged Property, the principal balance of the Mortgage Loan will be distributed through a combination of liquidation proceeds, Ginnie Mae Issuer advances and, to the extent necessary, proceeds of Ginnie Mae's guaranty of the Ginnie Mae Certificates. As a result, a high level of defaults experienced on the Mortgage Loans will accelerate the distribution of principal of the Securities.

Under certain circumstances, the Trustee has the option to purchase the Trust's assets, thereby effecting early retirement of the Securities. *See "Description of the Securities — Termination" in this Supplement.* 

#### **Accretion Directed Classes**

Classes VA and VB are Accretion Directed Classes. The Accrual Amount will be applied to making principal distributions on those Classes as described in this Supplement.

Because the Accretion Directed Classes are entitled to principal payments in an amount equal to interest accrued on the Accrual Class, the Weighted Average Life of each Class cannot exceed its Weighted Average Life as shown in the following table under any prepayment scenario, even a scenario where there are no prepayments.

- Moreover, based on the Modeling Assumptions, if the Mortgage Loans prepay at any constant rate at or below the rate for an Accretion Directed Class shown in the table below, its Class Principal Balance would be reduced to zero on, but not before, its Final Distribution Date, and its Weighted Average Life would equal its maximum Weighted Average Life.
- However, the Weighted Average Lives of the Accretion Directed Classes will be reduced at prepayment speeds higher than the constant rates shown in the table below. *See "Yield Maturity and Prepayment Considerations Decrement Tables" in this Supplement.*

#### **Accretion Directed Classes**

Class	Maximum Weighted Average Life (in Years)	Final Distribution Date	Prepayment Rate at or below
VA	4.9	May 2010	216% PSA
VB	12.6	December 2016	103% PSA

The Mortgage Loans will have characteristics that differ from those of the Modeling Assumptions. Therefore, even if the Mortgage Loans prepay at a rate at or somewhat below the "at or below" rate shown for any Accretion Directed Class, the Class Principal Balance of that Class could be reduced to zero before its Final Distribution Date, and its Weighted Average Life could be shortened.

#### Assumability

Each Mortgage Loan is subject to assumption upon the sale of the related Mortgaged Property. *See "Yield, Maturity and Prepayment Considerations — Assumability of Government Loans" in the Base Offering Circular.* 

## Final Distribution Date

The Final Distribution Date for each Class, which is set forth on the inside cover page of this Supplement or on Schedule I to this Supplement, is the latest date on which the related Class Principal Balance will be reduced to zero.

- The actual retirement of any Class may occur earlier than its Final Distribution Date.
- According to the terms of the Ginnie Mae Guaranty, Ginnie Mae will guarantee payment in full of the Class Principal Balance of each Class of Securities no later than its Final Distribution Date.

## Modeling Assumptions

Unless otherwise indicated, the tables that follow have been prepared on the basis of the characteristics of the Mortgage Loans underlying the Trust Assets and the following assumptions (the "Modeling Assumptions"), among others:

1. The Mortgage Loans underlying the Trust Assets have the assumed characteristics shown under "Assumed Characteristics of the Mortgage Loans Underlying the Trust Assets" in the Terms Sheet, except in the case of information set forth under the 0% PSA Prepayment Assumption Rate, for which each Mortgage Loan underlying the Trust Assets is assumed to have an original and a remaining term to maturity of 360 months and a Mortgage Rate of 1.5% per annum higher than the related Certificate Rate.

2. The Mortgage Loans prepay at the constant percentages of PSA (described below) shown in the related table.

3. Distributions on the Securities are always received on the 20th day of the month whether or not a Business Day, commencing in May 2001.

- 4. A termination of the Trust does not occur.
- 5. The Closing Date for the Securities is April 30, 2001.
- 6. No expenses or fees are paid by the Trust.
- 7. Each Class is held from the Closing Date and is not exchanged in whole or in part.

When reading the tables and the related text, investors should bear in mind that the Modeling Assumptions, like any other stated assumptions, are unlikely to be entirely consistent with actual experience.

- For example, most of the Mortgage Loans will not have the characteristics assumed, many Distribution Dates will occur on a Business Day after the 20th of the month and the Trustee may cause a termination of the Trust as described under "Description of the Securities Termination" in this Supplement.
- In addition, distributions on the Securities are based on Certificate Factors and Calculated Certificate Factors, if applicable, which may not reflect actual receipts on the Trust Assets.

See "Description of the Securities — Distributions" in the Base Offering Circular.

#### **Decrement Tables**

Prepayments of mortgage loans are commonly measured by a prepayment standard or model. The model used in this Supplement ("PSA") is the standard prepayment assumption model of The Bond Market Association. PSA represents an assumed rate of prepayment each month relative to the then outstanding principal balance of the Mortgage Loans to which the model is applied. *See "Yield, Maturity and Prepayment Considerations — Standard Prepayment Assumption Models" in the Base Offering Circular.* 

The decrement tables set forth below are based on the assumption that the Mortgage Loans prepay at the indicated percentages of PSA (the "PSA Prepayment Assumption Rates"). As used in the table, each of the PSA Prepayment Assumption Rates reflects a percentage of the 100% PSA assumed prepayment rate. The Mortgage Loans will not prepay at any of the PSA Prepayment Assumption Rates and the timing of changes in the rate of prepayments actually experienced on the Mortgage Loans will not follow the pattern described for the PSA assumption.

The decrement tables set forth below illustrate the percentage of the Original Class Principal Balance that would remain outstanding following the distribution made each specified month for each Regular or MX Class, based on the assumption that the Mortgage Loans prepay at the PSA Prepayment Assumption Rates. The percentages set forth in the following decrement tables have been rounded to the nearest whole percentage (including rounding down to zero).

The decrement tables also indicate the Weighted Average Life of each Class under each PSA Prepayment Assumption Rate. The Weighted Average Life of each Class is calculated by:

- (a) multiplying the net reduction, if any, of the Class Principal Balance from one Distribution Date to the next Distribution Date by the number of years from the date of issuance thereof to the related Distribution Date,
- (b) summing the results, and
- (c) dividing the sum by the aggregate amount of the assumed net reductions in principal balance referred to in clause (a).

The Weighted Average Lives are likely to vary, perhaps significantly, from those set forth in the tables below due to the differences between the actual characteristics of the Mortgage Loans underlying the Trust Assets and the Modeling Assumptions.

# Percentages of Original Class Principal Balances and Weighted Average Lives

					PSA Prepaym	ent Assumption Rates				
			Class A					Class VA		
Distribution Date	0%	75%	150%	225%	300%	0%	75%	150%	225%	300%
Initial Percent	100	100	100	100	100	100	100	100	100	100
April 2002	99	93	88	83	78	91	91	91	91	91
April 2003	97	86	76	66	56	82	82	82	82	82
April 2004	96	79	64	51	39	73	73	73	73	73
April 2005	94	72	54	39	25	62	62	62	62	62
April 2006	93	66	45	28	14	51	51	51	51	51
April 2007	91	59	37	19	5	40	40	40	40	40
April 2008	89	53	29	11	0	28	28	28	28	0
April 2009	87	48	22	4	0	15	15	15	15	0
April 2010	85	42	16	0	0	1	1	1	0	0
April 2011	82	37	10	0	0	0	0	0	0	0
April 2012	80	32	5	Õ	Õ	Õ	Õ	Ō	Õ	Õ
April 2013	77	27	1	0	õ	Ō	Õ	0	0	Õ
April 2014	74	22	Ô	Ő	Ő	Ő	ŏ	Ő	Ő	ŏ
April 2015	71	17	Ő	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
April 2016	67	13	Ő	õ	Ő	Ő	ŏ	õ	Ő	Ő
April 2017	64	9	Ő	Ő	0	0	Ő	Ő	Ő	0
April 2018	60	5	0	0	0	0	0	0	0	0
April 2019	55	1	0	0	0	0	0	0	0	0
April 2020	50	0	0	0	0	0	0	0	0	0
April 2020	45	0	0	0	0	0	0	0	0	0
April 2022	40	0	0	0	0	0	0	0	0	0
	40 34	0	0	0	0	0	0	0	0	0
April 2023	28 28	0	0	0	0	0	0	0	0	0
April 2024		0	0	0	0	0	0	0	0	0
April 2025	21	0	0	0	0	0	0	0	0	0
April 2026	13	0	0	0	0	0	0	0	0	0
April 2027	5	0	0	0	0	0	0	0	0	0
April 2028	0	0	0	0	0	0	0	0	0	0
April 2029	0	0	0	0	0	0	0	0	0	0
April 2030	0	0	0	0	0	0	0	0	0	0
April 2031 Weighted Average	0	0	0	0	0	0	0	0	0	0
Life (years)	17.5	8.1	5.0	3.5	2.7	4.9	4.9	4.9	4.9	4.6

		PSA Pro	epayment Assump	tion Rates	
			Class V		
Distribution Date	0%	75%	150%	225%	300%
Initial Percent	100	100	100	100	100
April 2002	100	100	100	100	100
April 2003	100	100	100	100	100
April 2004	100	100	100	100	100
April 2005	100	100	100	100	100
April 2006	100	100	100	100	100
April 2007	100	100	100	100	100
April 2008	100	100	100	100	92
April 2009	100	100	100	100	74
April 2010	100	100	100	95	59
April 2011	100	100	100	80	47
April 2012	100	100	100	67	37
April 2013	100	100	100	56	30
April 2014	100	100	90	47	23
April 2015	100	100	78	39	18
April 2016	100	100	68	32	14
April 2017	100	100	59	26	11
April 2018	100	100	50	21	9
April 2019	100	100	43	17	7
April 2020	100	90	36	14	5
April 2021	100	79	30	11	4
April 2022	100	68	25	9	
April 2023	100	57	20	7	3 2
April 2024	100	47	16	5	1
April 2025	100	37	12	3	1
April 2026	100	27	8	2	1
April 2027	100	17	5	1	0
April 2028	91	8	2	1	0
April 2029	63	0	0	0	0
April 2030	33	0	0	0	0
April 2031	0	0	0	0	0
Weighted Average	0	0	0	0	0
Life (years)	28 /	22.8	17.9	13.8	10.9
Life (years)	20.4	44.0	1/.7	13.0	10.9

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					PSA Prepay	ment Assumption Rates	6			
			Class VB					Class Z		
Distribution Date	0%	75%	150%	225%	300%	0%	75%	150%	225%	300%
Initial Percent	100	100	100	100	100	100	100	100	100	100
April 2002	100	100	100	100	100	106	106	106	106	106
April 2003	100	100	100	100	100	113	113	113	113	113
April 2004	100	100	100	100	100	120	120	120	120	120
April 2005	100	100	100	100	100	127	127	127	127	127
April 2006	100	100	100	100	100	135	135	135	135	135
April 2007	100	100	100	100	100	143	143	143	143	143
April 2008	100	100	100	100	100	152	152	152	152	152
April 2009	100	100	100	100	32	161	161	161	161	161
April 2010	100	100	100	84	0	171	171	171	171	150
April 2011	88	88	88	25	0	182	182	182	182	120
April 2012	74	74	74	0	0	193	193	193	170	95
April 2013	60	60	60	0	0	205	205	205	142	76
April 2014	44	44	12	0	0	218	218	218	119	60
April 2015	28	28	0	0	0	231	231	199	99	47
April 2016	11	11	0	0	0	245	245	173	81	37
April 2017	0	0	0	0	0	254	254	150	67	29
April 2018	0	0	0	0	0	254	254	128	55	22
April 2019	0	0	0	0	0	254	254	109	44	17
April 2020	0	0	0	0	0	254	229	92	35	13
April 2021	0	0	0	0	0	254	200	77	28	10
April 2022	0	0	0	0	0	254	172	63	22	7
April 2023	0	0	0	0	0	254	145	51	17	5
April 2024	0	0	0	0	0	254	119	39	12	4
April 2025	0	0	0	0	0	254	93	30	9	2
April 2026	0	0	0	0	0	254	69	21	6	2
April 2027	0	0	0	0	0	254	45	13	3	1
April 2028	0	0	0	0	0	231	21	6	ĭ	0
April 2029	0	0	0	0	0	160	0	0	0	0
April 2030	Ő	Õ	0	Õ	Õ	83	Õ	Õ	Õ	Õ
April 2031	Ő	Õ	Ō	Õ	Õ	0	Õ	Õ	Õ	Õ
Weighted Average										
Life (years)	12.6	12.6	11.8	9.6	7.7	28.4	22.8	18.7	15.4	12.7

PSA Prepayment Assumption Rates

#### **Yield Considerations**

An investor seeking to maximize yield should make a decision whether to invest in any Class based on the anticipated yield of that Class resulting from its purchase price and the investor's own projection of Mortgage Loan prepayment rates under a variety of scenarios. **No representation is made regarding Mortgage Loan prepayment rates or the yield of any Class.** 

#### Prepayments: Effect on Yields

The yields to investors will be sensitive in varying degrees to the rate of prepayments on the Mortgage Loans.

- In the case of Regular Securities or MX Securities purchased at a premium, faster than anticipated rates of principal payments could result in actual yields to investors that are lower than the anticipated yields.
- In the case of Regular Securities or MX Securities purchased at a discount, slower than anticipated rates of principal payments could result in actual yields to investors that are lower than the anticipated yields.

See "Risk Factors — Rates of principal payments can reduce your yield" in this Supplement.

Rapid rates of prepayments on the Mortgage Loans are likely to coincide with periods of low prevailing interest rates.

• During periods of low prevailing interest rates, the yields at which an investor may be able to reinvest amounts received as principal payments on the investor's Class of Securities may be lower than the yield on that Class.

Slow rates of prepayments on the Mortgage Loans are likely to coincide with periods of high prevailing interest rates.

• During periods of high prevailing interest rates, the amount of principal payments available to an investor for reinvestment at those high rates may be relatively low.

The Mortgage Loans will not prepay at any constant rate until maturity, nor will all of the Mortgage Loans prepay at the same rate at any one time. The timing of changes in the rate of prepayments may affect the actual yield to an investor, even if the average rate of principal prepayments is consistent with the investor's expectation. In general, the earlier a prepayment of principal on the Mortgage Loans, the greater the effect on an investor's yield. As a result, the effect on an investor's yield of principal prepayments occurring at a rate higher (or lower) than the rate anticipated by the investor during the period immediately following the Closing Date is not likely to be offset by a later equivalent reduction (or increase) in the rate of principal prepayments.

#### Payment Delay: Effect on Yields

The effective yield on any Regular or MX Class will be less than the yield otherwise produced by its Interest Rate and purchase price because (1) on the first Distribution Date, 30 days' interest will be payable on (or added to the principal amount of) that Class even though interest began to accrue approximately 50 days earlier and (2) on each subsequent Distribution Date, the interest payable will accrue during the related Accrual Period, which will end approximately 20 days earlier.

#### **CERTAIN FEDERAL INCOME TAX CONSEQUENCES**

The following tax discussion, when read in conjunction with the discussion of "Certain Federal Income Tax Consequences" in the Base Offering Circular, describes the material federal income tax considerations for investors in the Securities. However, these two tax discussions do not purport to deal with all federal tax consequences applicable to all categories of investors, some of which may be subject to special rules.

# Investors should consult their own tax advisors in determining the federal, state, local and any other tax consequences to them of the purchase, ownership and disposition of the Securities.

#### **REMIC Election**

In the opinion of Cadwalader, Wickersham & Taft, for federal income tax purposes, the Trust will constitute a Single REMIC Series.

#### **Regular Securities**

The Regular Securities will be treated as debt instruments issued by the Trust REMIC for federal income tax purposes. Income on the Regular Securities must be reported under an accrual method of accounting.

The Class Z Securities are Accrual Securities and are issued with OID. Holders of Accrual Securities are required to accrue all income from their Securities (other than income attributable to market discount or *de minimis* market discount) under the OID rules based on the expected payments on the Accrual Securities at the prepayment assumption described below.

Based on anticipated prices (including accrued interest), the assumed Mortgage Loan characteristics and the prepayment assumptions described below, the Class VB Securities are also expected to be issued with OID.

Prospective investors in the Securities should be aware, however, that the foregoing expectations about OID could change because of differences (1) between anticipated purchase prices and actual purchase prices or (2) between the assumed characteristics of the Trust Assets and the characteristics of the Trust Assets actually delivered to the Trust. The prepayment assumption that should be used in determining the rates of accrual of OID, if any, on the Regular Securities is 150% PSA (as described in "Yield, Maturity and Prepayment Considerations" in this Supplement). No representation is made, however, about the rate at which prepayments on the Mortgage Loans underlying the Trust Assets actually will occur at any time after the date of this Supplement. *See "Certain Federal Income Tax Consequences" in the Base Offering Circular*.

The Regular Securities generally will be treated as "regular interests" in a REMIC for domestic building and loan associations, "permitted assets" for financial asset securitization investment trusts ("FASITs"), and "real estate assets" for real estate investment trusts ("REITs") as described in "Certain Federal Income Tax Consequences" in the Base Offering Circular. Similarly, interest on the Regular Securities will be considered "interest on obligations secured by mortgages on real property" for REITs.

#### **Residual Securities**

The Class R Securities will represent the beneficial ownership of the Residual Interest in the Trust REMIC. The Residual Securities, *i.e.*, the Class R Securities, generally will be treated as "residual interests" in a REMIC for domestic building and loan associations and as "real

estate assets" for REITS, as described in "Certain Federal Income Tax Consequences" in the Base Offering Circular, but will not be treated as debt for federal income tax purposes. Instead, the Holders of the Residual Securities will be required to report, and will be taxed on, their pro rata shares of the taxable income or loss of the Trust REMIC, and these requirements will continue until there are no Securities of any class outstanding. Thus, Residual Holders will have taxable income attributable to the Residual Securities even though they will not receive principal or interest distributions with respect to the Residual Securities, which could result in a negative after-tax return for the Residual Holders.

Prospective Holders of Residual Securities should be aware that, at issuance, based on the expected prices of the Regular and Residual Securities and the prepayment assumption described above, the residual interests represented by the Residual Securities will be treated as "noneconomic residual interests" as that term is defined in Treasury regulations.

On December 8, 2000, the IRS issued Revenue Procedure 2001-12, effective February 4, 2000 pending finalization of proposed regulations, which expands the safe harbor for transfers of noneconomic residual interests to include transfers to certain taxable domestic corporations with significant gross and net assets, provided that those corporations agree to transfer the residual interests only to other taxable domestic corporations in transactions qualifying for one of the safe harbor provisions. Eligibility for the expanded safe harbor requires, among other things, that the transferor not know of any facts or circumstances that reasonably indicate that the taxes associated with the residual interest will not be paid. The Revenue Procedure provides that transfers to foreign branches of domestic corporations or transfers involving arrangements that subject income from the residual interest to net tax by a foreign country or possession of the United States is not within the safe harbor, and also provides that if the amount of consideration given to the transferee to acquire the residual interest is so low that under any set of reasonable assumptions a reasonable person would conclude that the taxes associated with holding the residual interest will not be paid, then the transferor will be deemed to know that the transferee cannot or will not pay those taxes. See "Certain Federal Income Tax Consequences — Tax Treatment of Residual Securities — Non-Recognition of Certain Transfers for Federal Income Tax Purposes" in the Base Offering Circular.

#### **MX Securities**

For a discussion of certain federal income tax consequences applicable to the MX Class, see "Certain Federal Income Tax Consequences — Tax Treatment of MX Securities," "— Exchanges of MX Classes and Regular Classes" and "— Taxation of Foreign Holders of REMIC Securities and MX Securities" in the Base Offering Circular.

#### **ERISA MATTERS**

Ginnie Mae guarantees distributions of principal and interest with respect to the Securities. The Ginnie Mae Guaranty is supported by the full faith and credit of the United States of America. The Securities will qualify as "guaranteed governmental mortgage pool certificates" within the meaning of a Department of Labor regulation, the effect of which is to provide that mortgage loans underlying a "guaranteed governmental mortgage pool certificate" will not be considered assets of an employee benefit plan subject to the Employee Retirement Income Security Act of 1974, as amended ("ERISA"), solely by reason of the Plan's purchase and holding of that certificate.

Plan investors should consult with their advisors, however, to determine whether the purchase, holding, or resale of a Security could give rise to a transaction that is prohibited or is not otherwise permissible under either ERISA or the Code. See "ERISA Considerations" in the Base Offering Circular.

The Residual Securities are not offered to, and may not be transferred to, Plans.

#### LEGAL INVESTMENT CONSIDERATIONS

Institutions whose investment activities are subject to legal investment laws and regulations or to review by certain regulatory authorities may be subject to restrictions on investment in the Securities. No representation is made about the proper characterization of any Class for legal investment or other purposes, or about the permissibility of the purchase by particular investors of any Class under applicable legal investment restrictions.

Investors should consult their own legal advisors regarding applicable investment restrictions and the effect of any restrictions on the liquidity of the Securities prior to investing in the Securities.

See "Legal Investment Considerations" in the Base Offering Circular.

#### PLAN OF DISTRIBUTION

Subject to the terms and conditions of the Sponsor Agreement, the Sponsor has agreed to purchase all of the Securities if any are sold and purchased. The Sponsor proposes to offer each Class to the public from time to time for sale in negotiated transactions at varying prices to be determined at the time of sale, plus accrued interest from April 1, 2001. The Sponsor may effect these transactions by sales to or through certain securities dealers. These dealers may receive compensation in the form of discounts, concessions or commissions from the Sponsor and/or commissions from any purchasers for which they act as agents. Some of the Securities may be sold through dealers in relatively small sales. In the usual case, the commission charged on a relatively small sale of securities will be a higher percentage of the sales price than that charged on a large sale of securities.

#### **INCREASE IN SIZE**

Before the Closing Date, Ginnie Mae, the Trustee and the Sponsor may agree to increase the size of this offering. In that event, the Securities will have the same characteristics as described in this Supplement, except that the Original Class Principal Balance of each Class will increase by the same proportion. The Trust Agreement, the Final Data Statement and the Supplemental Statement, if any, will reflect any increase in the size of the transaction.

#### **LEGAL MATTERS**

Certain legal matters will be passed upon for Ginnie Mae by Hunton & Williams, Richmond, Virginia; for the Trust by Cadwalader, Wickersham & Taft, Washington, DC, and Marcell Solomon & Associates, P.C., Greenbelt, Maryland; and for the Trustee by Peabody & Arnold LLP, Boston, Massachusetts.

<b>REMIC Securities</b>				ΥW	<b>MX Securities</b>	1		
Class	Original Class Principal Balance	MX Class	Maximum Original Class Principal Balance(1)	Principal Type(2)	Interest Interest Rate Type(2)	Interest Type(2)	CUSIP Number	Final Distribution Date(3)
VA VB Z	\$24,510,000 28,148,000 34,091,000	>	\$86,749,000	SEQ	6.00%	FIX	383739 S 5 9 April 2031	April 2031

- (2) As defined under "Class Types" in Appendix I to the Base Offering Circular.
- (3) See "Yield, Maturity and Prepayment Considerations Final Distribution Date" in this Supplement.



# \$350,000,000

# Government National Mortgage Association

# **GINNIE MAE**<sup>®</sup>

Guaranteed REMIC Pass-Through Securities and MX Securities Ginnie Mae REMIC Trust 2001-20

*OFFERING CIRCULAR SUPPLEMENT* April 24, 2001

LEHMAN BROTHERS THE WILLIAMS CAPITAL GROUP, L.P.