

Form 5500-SF

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration
Pension Benefit Guaranty Corporation

Short Form Annual Return/Report of Small Employee Benefit Plan

This form is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500-SF.**

OMB Nos. 1210-0110
1210-0089

2023

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2023 or fiscal plan year beginning 10/01/2023 and ending 09/30/2024

- A** This return/report is for: a single-employer plan a multiple-employer plan (not multiemployer) (Pension Plan filers checking this box must attach Schedule MEP. Other plans must attach a list of participating employer information in accordance with the form instructions.)
- B** This return/report is the first return/report the final return/report
 an amended return/report a short plan year return/report (less than 12 months)
- C** Check box if filing under: Form 5558 automatic extension DFVC program
 special extension (enter description)
- D** If the plan is a collectively-bargained plan, check here ▶
- E** If this is a retroactively adopted plan permitted by SECURE Act section 201, check here ▶

Part II Basic Plan Information—enter all requested information

1a Name of plan <u>AMERICAN STONE COMPANY DEFINED BENEFIT PENSION TRUST</u>		1b Three-digit plan number (PN) ▶ <u>001</u>
		1c Effective date of plan <u>10/01/1969</u>
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>AMERICAN STONE COMPANY</u> <u>MARTIN MARIETTA MATERIALS, INC.</u> <u>4123 PARKLAKE AVENUE</u> <u>RALEIGH, NC 27612</u>		2b Employer Identification Number (EIN) <u>56-0930848</u>
		2c Sponsor's telephone number <u>919-781-4550</u>
		2d Business code (see instructions) <u>212320</u>
3a Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor.		3b Administrator's EIN
		3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report. a Sponsor's name c Plan Name		4b EIN
		4d PN
5a Total number of participants at the beginning of the plan year	5a	<u>5</u>
b Total number of participants at the end of the plan year.....	5b	<u>5</u>
c(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item)	5c(1)	
c(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	5c(2)	
d(1) Total number of active participants at the beginning of the plan year.....	5d(1)	<u>2</u>
d(2) Total number of active participants at the end of the plan year.....	5d(2)	<u>2</u>
e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	5e	<u>0</u>

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.
Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	02/13/2025	KARLA WOOD
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.)..... Yes No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.)..... Yes No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? Yes No Not determined
- If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 532214. (See instructions.)

Part III Financial Information			
7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	513951	637665
b Total plan liabilities	7b		
c Net plan assets (subtract line 7b from line 7a)	7c	513951	637665
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	117621	
(2) Participants	8a(2)		
(3) Others (including rollovers)	8a(3)		
b Other income (loss)	8b	7827	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		125448
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d		
e Certain deemed and/or corrective distributions (see instructions) .	8e		
f Administrative service providers (salaries, fees, commissions)	8f		
g Other expenses	8g	1734	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		1734
i Net income (loss) (subtract line 8h from line 8c)	8i		123714
j Transfers to (from) the plan (see instructions)	8j		

Part IV Plan Characteristics	
9a	If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions: 1A 3D
b	If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions				
10 During the plan year:		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program)	10a		X	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)	10b		X	
c Was the plan covered by a fidelity bond?	10c	X		25000000
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	10d		X	
e Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.)	10e		X	
f Has the plan failed to provide any benefit when due under the plan?	10f		X	
g Did the plan have any participant loans? (If "Yes," enter amount as of year-end.)	10g		X	
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	10h			
i If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	10i			

Part VI Pension Funding Compliance

11 Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and lines 11a and b below.) If this is a defined contribution pension plan, leave line 11 blank and complete line 12 below. Yes No

a Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 **11a** 0

b PBGC missed contribution reporting requirements. If the plan is covered by PBGC and the amount reported on line 11a is greater than \$0, has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:
 Yes.
 No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.
 No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.
 No. Other. Provide explanation _____

12 Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? Yes No
(If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.) If this is a defined benefit pension plan, leave line 12 blank and complete line 11 above.

a If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions, and enter the date of the letter ruling granting the waiver. Month _____ Day _____ Year _____

If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.

b Enter the minimum required contribution for this plan year **12b**

c Enter the amount contributed by the employer to the plan for this plan year **12c**

d Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount) **12d**

e Will the minimum funding amount reported on line 12d be met by the funding deadline? Yes No N/A

Part VII Plan Terminations and Transfers of Assets

13a Has a resolution to terminate the plan been adopted in any plan year? Yes No

a If "Yes," enter the amount of any plan assets that reverted to the employer this year..... **13a**

b Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? Yes No

c If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

13c(1) Name of plan(s):	13c(2) EIN(s)	13c(3) PN(s)

Part VIII IRS Compliance Questions

14a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? Yes No

14b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).
 Design-based safe harbor method
 "Prior year" ADP test
 "Current year" ADP test
 N/A

15 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter 03/30/2018 (MM/DD/YYYY) and the Opinion Letter serial number J501355A.

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	<small>OMB No. 1210-0110</small> 2023 This Form is Open to Public Inspection
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For calendar plan year 2023 or fiscal plan year beginning 10/01/2023 and ending 09/30/2024

▶ **Round off amounts to nearest dollar.**
▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan <u>AMERICAN STONE COMPANY DEFINED BENEFIT PENSION TRUST</u>	B Three-digit plan number (PN) ▶	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>AMERICAN STONE COMPANY</u>	D Employer Identification Number (EIN) <u>56-0930848</u>	
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	F Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500	

Part I Basic Information

1	Enter the valuation date: Month <u>10</u> Day <u>01</u> Year <u>2023</u>		
2	Assets:		
	a Market value	2a	<u>513951</u>
	b Actuarial value	2b	<u>513951</u>
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment	<u>0</u>	<u>0</u>
	b For terminated vested participants	<u>3</u>	<u>122481</u>
	c For active participants	<u>2</u>	<u>449034</u>
	d Total	<u>5</u>	<u>571515</u>
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)		
	a Funding target disregarding prescribed at-risk assumptions	4a	
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b	
5	Effective interest rate	5	<u>5.21 %</u>
6	Target normal cost		
	a Present value of current plan year accruals	6a	<u>9951</u>
	b Expected plan-related expenses	6b	<u>0</u>
	c Target normal cost	6c	<u>9951</u>

Statement by Enrolled Actuary
To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE		
	Signature of actuary	<u>01/16/2025</u>
	<u>MATTHEW BRANDING, FSA, EA, CERA</u>	Date
	Type or print name of actuary	<u>23-08525</u>
	<u>NYHART</u>	Most recent enrollment number
	Firm name	<u>317-845-3607</u>
	<u>5750 CASTLE CREEK PARKWAY</u> <u>SUITE 245</u> <u>INDIANAPOLIS, IN 46250</u>	Telephone number (including area code)
	Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

Part II Beginning of Year Carryover and Prefunding Balances		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	2343	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	2343	0
10	Interest on line 9 using prior year's actual return of <u>1.04</u> %	24	0
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		43456
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.41</u> %		2351
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
	c Total available at beginning of current plan year to add to prefunding balance		45807
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d - line 12)	2367	0

Part III Funding Percentages			
14	Funding target attainment percentage	14	89.51 %
15	Adjusted funding target attainment percentage	15	89.51 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	95.51 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls		18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees		
01/08/2024	2621	0					
02/06/2024	115000	0					
			Totals ▶	18(b)	117621	18(c)	0

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:	
	a Contributions allocated toward unpaid minimum required contributions from prior years.	19a 0
	b Contributions made to avoid restrictions adjusted to valuation date	19b 0
	c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c 115560
20	Quarterly contributions and liquidity shortfalls:	
	a Did the plan have a "funding shortfall" for the prior year?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	c If line 20a is "Yes," see instructions and complete the following table as applicable:	
Liquidity shortfall as of end of quarter of this plan year		
(1) 1st	(2) 2nd	(3) 3rd
0	0	0
		(4) 4th
		0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 4.75 %	2nd segment: 5.00 %	3rd segment: 5.74 %	<input type="checkbox"/> N/A, full yield curve used
b Applicable month (enter code).....				21b 0
22 Weighted average retirement age				22 67
23 Mortality table(s) (see instructions)	<input checked="" type="checkbox"/> Prescribed - combined	<input type="checkbox"/> Prescribed - separate	<input type="checkbox"/> Substitute	

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
26 Demographic and benefit information		
a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....	27	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6c).....	31a	9951	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	59931	5590	
b Waiver amortization installment	0	0	
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33		
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....	34	15541	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	0	0
36 Additional cash requirement (line 34 minus line 35).....	36	15541	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37	115560	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	100019	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years	40	0	

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)

41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input type="checkbox"/> 2021

Active Participant Schedule

Active participant information grouped based on age and credited service.

Age Group	Years of Service									
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & Up
Under 25										
25 to 29										
30 to 34										
35 to 39										
40 to 44										
45 to 49										
50 to 54										
55 to 59										
60 to 64									1	
65 to 69										1
70 & up										

Except where otherwise indicated, the following assumptions were selected by the plan sponsor with the concurrence of the actuary. Prescribed assumptions are based on the requirements of the relevant law, the Internal Revenue Code and applicable regulation.

Valuation Date	October 1, 2023
Participant and Asset Information Collected as of	October 1, 2023
Retirement Rates (FE)	100% of Participants are assumed to retire on their Normal Retirement Date. As the plan is not large enough to have credible experience, retirement rates are based on professional judgment and expectation for the general population adjusted as necessary for the specific provisions of the plan.
Mortality Rates (FE)	
Healthy/Disabled - Prescribed	IRS 2023 Small Plan Combined Static Mortality - sex distinct RP2006 combined for annuitants and non-annuitants as provided in IRC 430(h)(3). Mortality projections are based on SOA Improvement Scale MP-2021 and the projection methodology described in IRS Regulation 1.430(h)(3)-1(c).
Lump Sum Mortality - Prescribed	IRS 2023 Applicable Mortality as prescribed by IRC 417(e) The mortality tables are prescribed by the IRS.
ASC 960	Pri-2012 Total Mortality Table projected using fully generational improvements from 2012 based on assumptions from the Society of Actuaries MP-2020 mortality improvement scale As the plan is not large enough to have credible experience, mortality assumptions are set to reflect general population trends.

Disability Rates (FE) None

Withdrawal Rates (FE) None

As the plan is very small and not large enough to have credible experience, there is no assumed pre-retirement disability or withdrawal decrements.

Annual Pay Increases (CO) 4.0%

The annual pay increase reflects the employer's average target increase for a career employee.

Interest Rates

	1st Segment (0-5 years)	2nd Segment (5-20 years)	3rd Segment (20+ years)
Minimum Funding and Benefit Restrictions - Prescribed (CO)	4.75%	5.00%	5.74%
Maximum Funding - Prescribed (CO)	3.82%	4.59%	4.63%
ASC 960 (CO)	1.50%	1.50%	1.50%
PBGC	5.58%	5.66%	5.56%

All funding segment rates are based on the sponsor's election to use a 0 month lookback. The PBGC interest rates are based on the sponsor's election to use the Standard calculation method. Interest rates are prescribed by IRS regulation. The ASC 960 interest rate is the expected long term rate of return on assets. This assumption has been set by the plan sponsor in conjunction with their asset advisors. We believe the assumption to be reasonable based on their target asset allocations.

Payment Form Election (FE)

Lump Sum 100%
 Annuity 0%

Expense and/or Contingency Loading (FE) None.

Marital Status and Ages (FE) 80% of Participants assumed to be married with wives assumed to be the same age as their husbands.

Market Value of Assets

Equal to the fair value of assets as of the valuation date, plus the discounted value of contributions made following the valuation date and before the date of this report for the purpose of satisfying the prior year's funding requirements.

Plan Asset Valuation Method

Market Value of Assets

Cost Method

PPA requires the use of the Unit Credit cost method for determining the minimum required contribution and PBGC premiums. The maximum tax deductible contribution calculation includes limited Projected Unit Credit calculations as required under IRC 404(o).

ASC 960 requires the use of the Unit Credit cost method.

FE indicates an assumption representing an estimate of future experience

MD indicates an assumption representing observations of estimates inherent in market data

CO indicates an assumption representing a combination of an estimate of future experience and observations of market data

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <hr/> <small>Department of Labor Employee Benefits Security Administration</small> <hr/> <small>Pension Benefit Guaranty Corporation</small>	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	<small>OMB No. 1210-0110</small> <hr/> 2023 <hr/> This Form is Open to Public Inspection
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For calendar plan year 2023 or fiscal plan year beginning 10/01/2023 and ending 09/30/2024

▶ **Round off amounts to nearest dollar.**
▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan AMERICAN STONE COMPANY DEFINED BENEFIT PENSION TRUST	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF AMERICAN STONE COMPANY	D Employer Identification Number (EIN) 56-0930848	
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	F Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500	

Part I	Basic Information		
1	Enter the valuation date: Month <u>10</u> Day <u>01</u> Year <u>2023</u>		
2	Assets:		
	a Market value.....	2a	513,951
	b Actuarial value	2b	513,951
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment	0	0
	b For terminated vested participants.....	3	122,481
	c For active participants.....	2	449,034
	d Total	5	571,515
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>		
	a Funding target disregarding prescribed at-risk assumptions.....	4a	
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b	
5	Effective interest rate.....	5	5.21%
6	Target normal cost		
	a Present value of current plan year accruals.....	6a	9,951
	b Expected plan-related expenses	6b	0
	c Target normal cost.....	6c	9,951

Statement by Enrolled Actuary
To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE	Matthew Branding <i>MB</i> Signature of actuary	01/16/2025 Date
	Matthew Branding, FSA, EA, CERA Type or print name of actuary	2308525 Most recent enrollment number
	Nyhart Firm name	317-845-3607 Telephone number (including area code)
	5750 Castle Creek Parkway Suite 245 Indianapolis IN 46250 Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:	1st segment: 4.75 %	2nd segment: 5.00 %	3rd segment: 5.74 %	<input type="checkbox"/> N/A, full yield curve used
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b Applicable month (enter code)..... **21b** 0

22 Weighted average retirement age **22** 67

23 Mortality table(s) (see instructions) Prescribed - combined Prescribed - separate Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. Yes No

25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. Yes No

26 Demographic and benefit information

a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. Yes No

b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ... Yes No

27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment **27**

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years.....	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6c).....	31a	9,951
b Excess assets, if applicable, but not greater than line 31a	31b	0

32 Amortization installments:	Outstanding Balance	Installment
a Net shortfall amortization installment	59,931	5,590
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount **33**

34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....	34	15,541
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	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement.....	0	0	0

36 Additional cash requirement (line 34 minus line 35)	36	15,541
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37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37	115,560
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38 Present value of excess contributions for current year (see instructions)

a Total (excess, if any, of line 37 over line 36)	38a	100,019
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0

39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0
40 Unpaid minimum required contributions for all years.....	40	0

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)

41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. 2019 2020 2021

Summary of Contributions

Below is a summary of historical contributions.

Effective Rate: 5.21%

Contributions for Plan Year Beginning in 2023

Contribution Date	Amount	Discounted Value
January 08, 2024	\$2,621	\$2,585
February 06, 2024	\$115,000	\$112,975
Totals	117,621.00	115,560.00

Age	Expected Actives at Age	Retirement Rate	Expected Retirements	Weighted Age
65.00	0.9852	100.00%	0.9852	64.0363
66.00	0.0000	100.00%	0.0000	0.0000
67.00	0.0000	100.00%	0.0000	0.0000
68.00	0.0000	100.00%	0.0000	0.0000
69.00	1.0000	100.00%	1.0000	69.0000
Total			1.9852	133.0363

Weighted Average Retirement Age = Weighted Age/Expected Retirements : 67.01

* Please note that the retirement rates are a weighted average of the rates shown in Part V for active participants eligible to retire at the age and zero for all other active participants.

Plan Effective Date

The Plan was effective October 1, 1969. The Plan was last restated effective October 1, 2019.

Eligibility for Participation

Eligible Employees may enter the Plan on the first day of the Plan Year coinciding with or next following the date on which they attain age 20-1/2 and complete six (6) months of service (with at least 500 hours of service completed).

Benefits

Accrual of Benefits

A Participant shall accumulate a benefit payable at Normal Retirement Date based on Compensation as of the date of determination and benefit service expected to be earned as of the participant's Normal Retirement Date, multiplied by a fraction, the numerator of which is benefit service earned as of the date of determination and the denominator of which is benefit service expected to be earned as of the Participant's Normal Retirement Date.

Normal Retirement

Eligibility	Plan anniversary nearest age 65
Benefit	30% of Average Monthly Compensation, pro-rated on service up to 20 Years of Service, and multiplied by the accrual fraction.

Early Retirement

Eligibility	Within five (5) years of Normal Retirement Date
Benefit	Accrued normal retirement benefit actuarially reduced for each year by which retirement age precedes normal retirement age

Late Retirement

Eligibility	Participation continues after Normal Retirement Date
Benefit	Greater of accrued retirement benefit commencing as of the first day of the month following late retirement date based on Plan Compensation and Credited Service at such date or accrued benefit as of normal retirement date actuarially increased for delayed commencement

Death before Retirement

Benefit Actuarially equivalent Lump Sum payable on death of Participant equal to 100% of the present value of Participant's accrued benefit

Termination Benefit

Eligibility Five (5) years of vesting service

Benefit 100% of accrued retirement benefit payable at Participant's Normal Retirement Date

Insurance Benefit

Eligibility Age 21 and 36 months of service; maximum age for increases is age 55

Service

For Vesting and Benefit Accrual, a Year of Service is credited for a Plan Year if the Participant completes at least one thousand (1,000) or more Hours of Service during the Plan Year.

Compensation

Definition Wages, tips, and other compensation on Form W-2, excluding reimbursements or other expense allowances, fringe benefits, moving expenses, deferred compensation (other than 401(k), 125, 132(f)(4), 403(b), SEP, 414(h)(2) pickup, and 457 deferrals), overtime, bonuses, and commissions

Average Highest consecutive ten (10) year average Compensation over all Service with Compensation being the rate of pay as of each October 1st

Payment Forms

Normal Form:

For single participants, a 10-Year Certain and Life Annuity; the Normal Retirement Benefit shall be payable to married participants in the form of an Actuarially Equivalent Qualified Joint and 50% Survivor Annuity.

Optional Forms:

Single Life Annuity, 5-, 10-, 15-, or 20-Year Certain and Life Annuity, 50%, 66-2/3%, 75%, or 100% Joint and Survivor Annuity, 1-Year to 20-Year Certain Only Annuity, Lump Sum (single sum)

Actuarial Equivalence

For non-decreasing annuities:

Pre-retirement mortality - None
Post-retirement mortality - GAR 94
Interest Rate - 7.50%

For accelerated forms of payment: Actuarial Equivalence will be computed using the "PPA applicable mortality table" and the interest rate determined under Code Section 417(e)(3) for the month of August preceding the Plan Year that contains the annuity starting date

Plan Provisions Not Included

We are not aware of any plan provisions not included in the valuation.

Adjustments Made for Subsequent Events

We are not aware of any event following the measurement date and prior to the date of this report that would materially impact the results of this report.

Development of Shortfall Amortization Charge

<u>Type of Base</u>	<u>Present Value of Remaining Installments</u>	<u>Valuation Date Established</u>	<u>Years Remaining</u>	<u>Amortization Installment</u>
Shortfall	\$ 36,988	10/1/2023	15	\$ 3,387
Shortfall	\$ 22,943	10/1/2022	14	\$ 2,203
	<u>\$ 59,931</u>			<u>\$ 5,590</u>

* The shortfall amortization charge cannot be less than zero.

Changes since Prior Valuation and Key Notes

There have been no changes to the plan provisions since the last valuation.

The interest rates and mortality assumptions have been updated as required under the Pension Protection Act, all subsequent legislation, and associated IRS Regulations, including the changes presented by the American Rescue Plan Act of 2021. These changes resulted in an increase in the Funding Target and the Target Normal Cost.

The salary scale assumption has been updated to 4.50% to reflect the plan sponsor's anticipated future experience. This change resulted in an increase in the Target Normal Cost.

ProVal valuation software developed by Winklevoss Technologies, LLC was used to develop the plan's Funding Target and Target Normal Cost for the first time as of October 1, 2023. The Funding Target and Target Normal Cost from the October 1, 2022 valuation were matched within 2% as required for automatic approval under Rev Proc 2017-56.

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