

Form 5500-SF <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</small>	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 2016 This Form is Open to Public Inspection
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Part I Annual Report Identification Information
 For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

A This return/report is for:

☒ a single-employer plan
☐ a one-participant plan

☐ a multiple-employer plan (not multiemployer) (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
☐ a foreign plan

B This return/report is

☐ the first return/report
☐ an amended return/report

☐ the final return/report
☐ a short plan year return/report (less than 12 months)

C Check box if filing under:

☒ Form 5558
☐ special extension (enter description)

☐ automatic extension

☐ DFVC program

Part II Basic Plan Information—enter all requested information

1a Name of plan <u>MIP, LLC CASH BALANCE PENSION PLAN & TRUST</u>	1b Three-digit plan number (PN) ▶	<u>002</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>MIP, LLC</u> <u>903 COMMERCE DRIVE, SUITE 333</u> <u>OAK BROOK, IL 60523</u>	2b Employer Identification Number (EIN) <u>45-3154648</u> 2c Sponsor's telephone number <u>630-571-6770</u> 2d Business code (see instructions) <u>621111</u>	
3a Plan administrator's name and address ☒ Same as Plan Sponsor.	3b Administrator's EIN 3c Administrator's telephone number	
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN, and the plan number from the last return/report. a Sponsor's name	4b EIN 4c PN	
5a Total number of participants at the beginning of the plan year	5a	<u>39</u>
b Total number of participants at the end of the plan year	5b	<u>39</u>
c Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	5c	
d(1) Total number of active participants at the beginning of the plan year	5d(1)	<u>37</u>
d(2) Total number of active participants at the end of the plan year	5d(2)	<u>37</u>
e Number of participants that 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.	10/13/2017	JOHN CONNOLLY
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/13/2017	JOHN CONNOLLY
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

Preparer's name (including firm name, if applicable) and address (include room or suite number)	Preparer's telephone number

For Paperwork Reduction Act Notice, see the Instructions for Form 5500-SF.

Form 5500-SF (2016)
v.160927

- 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

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	2382966	3246888
b Total plan liabilities	7b		
c Net plan assets (subtract line 7b from line 7a)	7c	2382966	3246888
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	735500	
(2) Participants	8a(2)	0	
(3) Others (including rollovers)	8a(3)		
b Other income (loss)	8b	146229	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		881729
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	17807	
g Other expenses	8g	0	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		17807
i Net income (loss) (subtract line 8h from line 8c)	8i		863922
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:
1B 1C 3B
- 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	N/A	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? (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			2959258
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 line 11a below)	☒ Yes ☐ No
11a Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40	11a 0
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.)	
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
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 Trust Information

14a Name of trust	14b Trust's EIN
14c Name of trustee or custodian	14d Trustee's or custodian's telephone number

Part IX IRS Compliance Questions

15a Is the plan a 401(k) plan? If "No," skip b.	☐ Yes ☐ No
15b How did the plan satisfy the nondiscrimination requirements for employee deferrals under section 401(k)(3) for the plan year? Check all that apply:	☐ Design-based safe harbor ☐ "Prior year" ADP test ☐ "Current year" ADP test ☐ N/A
16a What testing method was used to satisfy the coverage requirements under section 410(b) for the plan year? Check all that apply:	☐ Ratio percentage test ☐ Average benefit test ☐ N/A
16b Did the plan satisfy the coverage and nondiscrimination requirements of sections 410(b) and 401(a)(4) for the plan year by combining this plan with any other plan under the permissive aggregation rules?	☐ Yes ☐ No
17a If the plan is a master and prototype plan (M&P) or volume submitter plan that received a favorable IRS opinion letter or advisory letter, enter the date of the letter ____/____/____ and the serial number _____.	
17b If the plan is an individually-designed plan that received a favorable determination letter from the IRS, enter the date of the most recent determination letter ____/____/____.	
18 Defined Benefit Plan or Money Purchase Pension Plan Only: Were any distributions made during the plan year to an employee who attained age 62 and had not separated from service?	☐ Yes ☐ No
19 Was any plan participant a 5% owner who had attained at least age 70 ½ during the prior plan year?	☐ Yes ☐ No

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.	OMB No. 1210-0110 2016 This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

▶ **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>MIP, LLC CASH BALANCE PENSION PLAN & TRUST</u>	B Three-digit plan number (PN) ▶ <u>002</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>MIP, LLC</u>	D Employer Identification Number (EIN) <u>45-3154648</u>
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500

Part I	Basic Information
1 Enter the valuation date: Month <u>12</u> Day <u>31</u> Year <u>2016</u>	
2 Assets:	
a Market value	2a <u>2511388</u>
b Actuarial value	2b <u>2511388</u>
3 Funding target/participant count breakdown	
a For retired participants and beneficiaries receiving payment	(1) Number of participants <u>0</u> (2) Vested Funding Target <u>0</u> (3) Total Funding Target <u>0</u>
b For terminated vested participants	<u>2</u> <u>63288</u> <u>63288</u>
c For active participants	<u>37</u> <u>2290360</u> <u>2290360</u>
d Total	<u>39</u> <u>2353648</u> <u>2353648</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>5.93 %</u>
6 Target normal cost	6 <u>692274</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		<u>10/12/2017</u>
	Signature of actuary	Date
<u>BRANDON-DAWSON WARNER</u>	Type or print name of actuary	<u>17-07572</u>
<u>KAREL-GORDON & ASSOCIATES</u>	Firm name	Most recent enrollment number
<u>707 SKOKIE BOULEVARD</u> <u>SUITE 200</u> <u>NORTHBROOK, IL 60062</u>	Address of the firm	<u>847-564-5655</u>
		Telephone number (including area code)

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 ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

**Schedule SB (Form 5500) 2016
v. 160205**

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)	0	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)	0	0
10	Interest on line 9 using prior year's actual return of <u>-6.72</u> %	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38a from prior year)		213634
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>6.16</u> %		0
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		213634
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)	0	0

Part III		Funding Percentages	
14	Funding target attainment percentage	14	106.70%
15	Adjusted funding target attainment percentage	15	106.18%
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	97.39%
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
02/27/2017	245000	0	06/29/2017	122500	0
04/14/2017	61250	0			
05/30/2017	122500	0			
07/12/2017	500	0			
03/30/2017	61250	0			
04/28/2017	122500	0			
Totals ►			18(b)	735500	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 710744
20 Quarterly contributions and liquidity shortfalls:	
a Did the plan have a "funding shortfall" for the prior year?	☒ Yes ☐ No
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	☐ Yes ☒ 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	(4) 4th
0	0	0	0

Part V	Assumptions Used to Determine Funding Target and Target Normal Cost		
21	Discount rate:		
a	Segment rates:	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">1st segment: 4.43%</div> <div style="text-align: center;">2nd segment: 5.91%</div> <div style="text-align: center;">3rd segment: 6.65%</div> </div>	☐ N/A, full yield curve used
b	Applicable month (enter code)	21b	3
22	Weighted average retirement age	22	66
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	Is the plan required to provide a Schedule of Active Participants? 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 6)	31a	692274
b	Excess assets, if applicable, but not greater than line 31a	31b	157740
32	Amortization installments:	Outstanding Balance	Installment
a	Net shortfall amortization installment	0	0
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	0
34	Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	34	534534
	Carryover balance	Prefunding balance	Total balance
35	Balances elected for use to offset funding requirement	0	0
36	Additional cash requirement (line 34 minus line 35)	36	534534
37	Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	710744
38	Present value of excess contributions for current year (see instructions)		
a	Total (excess, if any, of line 37 over line 36)	38a	176210
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 Pension Relief Act of 2010 (See Instructions)		
41	If an election was made to use PRA 2010 funding relief for this plan:		
a	Schedule elected	☐ 2 plus 7 years ☐ 15 years	
b	Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011	
42	Amount of acceleration adjustment	42	
43	Excess installment acceleration amount to be carried over to future plan years	43	

Schedule SB, line 26 -
Schedule of Active Participant Data
MIP, LLC Cash Balance Pension Plan & Trust
45-3154648/002
For the plan year 01/01/2016 through 12/31/2016

Years of Credited Service

Attained Age	Under 1 Nb.	1 to 4 Nb.	5 to 9 Nb.	10 to 14 Nb.	15 to 19 Nb.	20 to 24 Nb.	25 to 29 Nb.	30 to 34 Nb.	35 to 39 Nb.	40 & up Nb.
Under 25										
25 to 29										
30 to 34										
35 to 39		2								
40 to 44		5								
45 to 49		4								
50 to 54		8								
55 to 59		6								
60 to 64		4								
65 to 69		4								
70 & up		2								

Schedule SB, line 22 -
Description of Weighted Average Retirement Age

MIP, LLC Cash Balance Pension Plan & Trust

45-3154648 / 002

For the plan year 01/01/2016 through 12/31/2016

The age reported is the weighted average of the assumed retirement ages for all active participants as of the valuation date based on their funding target or target normal cost should the funding target of the plan be zero rounded to the nearest whole age. For an active late retiree, the assumed retirement age may be later than the Plan's normal retirement age. Each participant's rate of retirement is assumed to be 100% of his/her assumed retirement age.

Schedule SB, line 19 - Discounted Employer Contributions

MIP, LLC Cash Balance Pension Plan & Trust

45-3154648 / 002

For the plan year 01/01/2016 through 12/31/2016

Valuation Date: 12/31/2016

	Date	Amount	Adjusted Contribution	Adjusted Prior Year Contribution	Adjusted Quarterly	Effective Rate	Penalty Rate
Deposited Contribution	02/27/2017	\$245,000					
Applied to Quarterly Contribution	04/15/2016	120,270	114,491	0	120,270	5.93	10.93
Applied to Quarterly Contribution	07/15/2016	120,270	115,811	0	120,270	5.93	10.93
Applied to Quarterly Contribution	10/15/2016	4,460	4,345	0	4,460	5.93	10.93
Deposited Contribution	03/30/2017	\$61,250					
Applied to Quarterly Contribution	10/15/2016	61,250	59,144	0	61,250	5.93	10.93
Deposited Contribution	04/14/2017	\$61,250					
Applied to Quarterly Contribution	10/15/2016	54,560	52,460	0	54,560	5.93	10.93
Applied to Quarterly Contribution	01/15/2017	6,690	6,507	0	6,690	5.93	10.93
Deposited Contribution	04/28/2017	\$122,500					
Applied to MRC	12/31/2016	8,920	8,755	0	0	5.93	0
Applied to Quarterly Contribution	01/15/2017	113,580	110,043	0	113,580	5.93	10.93
Deposited Contribution	05/30/2017	\$122,500					
Applied to Additional Contribution	12/31/2016	58,013	56,656	0	0	5.93	0
Applied to MRC	12/31/2016	64,487	62,978	0	0	5.93	0
Deposited Contribution	06/29/2017	\$122,500					
Applied to Additional Contribution	12/31/2016	122,500	119,069	0	0	5.93	0
Deposited Contribution	07/12/2017	\$500					
Applied to Additional Contribution	12/31/2016	500	485	0	0	5.93	0
Totals for Deposited Contribution		\$735,500	\$710,744	\$0	\$481,080		

Schedule SB, Part V

Statement of Actuarial Assumptions/Methods

MIP, LLC Cash Balance Pension Plan & Trust

45-3154648 / 002

For the plan year 01/01/2016 through 12/31/2016

Valuation Date: 12/31/2016

Funding Method: As prescribed in IRC Section 430

Age - Eligibility age at last birthday and other ages at nearest birthday

Retrospective Compensation - Current compensation

Form of Payment - Assumed form of payment for funding is lump sum which is the Hypothetical Account Balance. Funding Target for lump sum is the current Hypothetical Account Balance projected to the assumed retirement date using the Interest Credit Rate discounted using appropriate segment rate. Lump sum on plan actuarial equivalence rates will not exceed 415 maximum allowable distribution, which is the lesser amount computed using a) 5.5% interest and the Applicable Mortality Table or b) plan actuarial equivalence interest and mortality

Interest Rates -

Segment rates for the Third Month Prior to Val Date as permitted under IRC 430(h)(2)(C)

Segment #	Year	Rate %
Segment 1	0 - 5	1.52
Segment 2	6 - 20	3.80
Segment 3	> 20	4.79

Segment rates as of September 30, 2015 As permitted under IRC 430(h)(2)(C)(iv)(II) - HATFA

Segment #	Year	Rate %
Segment 1	0 - 5	4.43
Segment 2	6 - 20	5.91
Segment 3	> 20	6.65

Pre-Retirement - Mortality Table - None
Turnover/Disability - None
Salary Scale - None
Interest Credit Rate - Current Yr - 5% Projected Yrs - 5%
Expense Load - None
Ancillary Ben Load - None

Post-Retirement - Mortality Table - 16C - 2016 Combined - IRC 430(h)(3)(A)
Cost of Living - None

Asset Valuation Method: Fair market value of assets adjusted for contributions under IRC 430(g)(4)

Schedule SB, Part V

Summary of Plan Provisions

MIP, LLC Cash Balance Pension Plan & Trust

45-3154648 / 002

For the plan year 01/01/2016 through 12/31/2016

<u>Employer:</u>	MIP, LLC		
	Type of Entity -	S-Corporation	
	EIN: 45-3154648	TIN:	Plan #: 002 Plan Type: Cash Balance
<u>Dates:</u>	Effective - 01/01/2013 Year end - 12/31/2016 Valuation - 12/31/2016		
	Top Heavy Years - 2013, 2014, 2015, 2016		
<u>Eligibility:</u>	All employees excluding non-resident aliens, members of an excluded class and union		
	Minimum age - 21 Months of service - 12		
	Hours Required for -	Eligibility - 1000	Benefit accrual - 1000 Vesting - 1000
	Plan Entry - First day of 1st or 7th month of plan year on or next following eligibility satisfaction		
<u>Retirement:</u>	Normal - First of month coincident with or next following attainment of age 65 and completion of 5 years of participation		
	Early - Not provided		
<u>Average Compensation:</u>	Current compensation		
	Top Heavy Minimum Benefit - Highest 5 consecutive top heavy years of participation		
<u>Plan Benefits:</u>	Retirement - Actuarial equivalent of the hypothetical account balance derived from annual Pay Credits and Interest Credits		
	Pay Credits -	Classification	Pay Credit Formula
		A	\$5,500 - Thanasis Bavelis
		B	\$100,000 - William Bechtel
		C	\$5,000 - Peter Berger
		D	\$25,000 - Todd Brack
		E	\$5,000 - Harry Brown
		F	\$25,000 - John Ciemins
		G	\$25,000 - John Connolly
		H	\$5,000 - David Curry
		I	\$5,000 - Stephen Doundoulakis
		J	\$50,000 - Thomas Figler
		K	\$5,000 - Michael Hamblin
		L	\$25,000 - Diana Iwanik
		M	\$25,000 - Eugene Kovalsky
		N	\$25,000 - Lynette Lum
		O	\$5,000 - Jack Lyons
		P	\$50,000 - Lekshmi Nair
		Q	\$50,000 - James Pillars
		R	\$100,000 - Joseph Porada
		S	\$5,000 - George Radich
		T	\$25,000 - Lev Rapoport
		U	\$50,000 - Myra Rapoport
		V	\$100,000 - Mohammed Rezai
		W	\$50,000 - Jeremy Simon
		X	\$25,000 - Nicholas Skezas
	Interest Credit Rate -	Current Yr - 5%	Projected Yrs - 5%
	Accrued Benefit -	Hypothetical Account Balance	
		Minimum Benefit - None	
		Maximum Benefit - None	
		Maximum allowable distribution is lump sum equivalent of normal form not to exceed 415 maximum allowable distribution, which is the lesser amount computed using a) 5.5% interest and the Applicable Mortality Table or b) plan actuarial equivalence interest and mortality	
	Death Benefit -	Present Value of Accrued Benefit	

Schedule SB, Part V

Summary of Plan Provisions

MIP, LLC Cash Balance Pension Plan & Trust

45-3154648 / 002

For the plan year 01/01/2016 through 12/31/2016

<u>Top Heavy Minimum:</u>	Provided in another plan
<u>IRS Limitations:</u>	415 Limits - Percent: 100 Dollar: \$210,000 Maximum 401(a)(17) compensation - \$265,000
<u>Normal Form:</u>	Life Annuity
<u>Optional Forms:</u>	Lump Sum Annuity Guaranteed for 0 Years Joint with 50%, 75% or 100% Survivor Benefit
<u>Vesting Schedule:</u>	100% Vested immediately Service is calculated using all years of service
<u>Present Value of Accrued Benefit:</u>	Based on the Hypothetical Account Balance.
<u>Actuarial Equivalence:</u>	
Pre-Retirement - Interest -	5%
Mortality Table -	None
Post-Retirement - Interest -	5%
Mortality Table -	16E - 2016 Applicable Mortality Table for 417(e) (unisex)

**SCHEDULE SB
(Form 5500)**Department of the Treasury
Internal Revenue ServiceDepartment of Labor
Employee Benefits Security Administration
Pension Benefit Guaranty Corporation**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.**

OMB No. 1210-0110

2016**This Form is Open to Public
Inspection**For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016▶ **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 MIP, LLC Cash Balance Pension Plan & Trust	B Three-digit plan number (PN) ▶ 002
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF MIP, LLC	D Employer Identification Number (EIN) 45-3154648
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500

Part I Basic Information

1 Enter the valuation date: Month <u>12</u> Day <u>31</u> Year <u>2016</u>			
2 Assets:			
a Market value	2a	2,511,388	
b Actuarial value	2b	2,511,388	
3 Funding target/participant count breakdown:	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	0	0	0
b For terminated vested participants	2	63,288	63,288
c For active participants	37	2,290,360	2,290,360
d Total	39	2,353,648	2,353,648
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	5.93 %	
6 Target normal cost	6	692,274	

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.

*Brandon-Dawson Warner*

Signature of actuary

Brandon-Dawson Warner

Type or print name of actuary

Karel-Gordon & Associates

Firm name

707 Skokie Boulevard
Suite 200

US Northbrook

IL 60062

Address of the firm

10/12/2017

Date

17-07572

Most recent enrollment number

(847) 564-5655

Telephone number (including area code)

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 ☐

For Paperwork Reduction Act Notice, see the instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2016
v. 160205

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)	0	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)	0	0
10 Interest on line 9 using prior year's actual return of <u>-6.72%</u>	0	0
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		213,634
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>6.16</u> %.....		0
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 .		213,634
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)	0	0

Part III Funding Percentages

14 Funding target attainment percentage	14	106.70 %
15 Adjusted funding target attainment percentage	15	106.18 %
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	97.39 %
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
02/27/2017	245,000		03/30/2017	61,250	
04/14/2017	61,250		04/28/2017	122,500	
05/30/2017	122,500		06/29/2017	122,500	
07/12/2017	500				
Totals ▶ 18(b)				735,500	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	710,744

20 Quarterly contributions and liquidity shortfalls:

- a** Did the plan have a "funding shortfall" for the prior year? ☒ Yes ☐ No
- b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☒ 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	(4) 4th

Part V Assumptions Used To Determine Funding Target and Target Normal Cost**21** Discount rate:**a** Segment rates:1st segment:
4.43 %2nd segment:
5.91 %3rd segment:
6.65 %☐ N/A, full yield curve used**b** Applicable month (enter code)**21b**

3

22 Weighted average retirement age**22**

66

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** Is the plan required to provide a Schedule of Active Participants? 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 6) **31a** 692,274**b** Excess assets, if applicable, but not greater than line 31a **31b** 157,740**32** Amortization installments:**a** Net shortfall amortization installment Outstanding Balance Installment 0 0**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** 0**34** Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33) **34** 534,534

	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** 534,534**37** Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) **37** 710,744**38** Present value of excess contributions for current year (see instructions)**a** Total (excess, if any, of line 37 over line 36) **38a** 176,210**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 Pension Relief Act of 2010 (See Instructions)****41** If an election was made to use PRA 2010 funding relief for this plan:**a** Schedule elected ☐ 2 plus 7 years ☐ 15 years**b** Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011**42** Amount of acceleration adjustment **42****43** Excess installment acceleration amount to be carried over to future plan years **43**