TEAMSTERS LOCAL UNION No. 716 PENSION PLAN INDIANAPOLIS, INDIANA

Actuarial Valuation Report For Plan Year Commencing April 1, 2017



December 20, 2017

Board of Trustees Teamsters Local Union No. 716 Pension Plan Indianapolis, Indiana

Dear Trustees:

We have been retained by the Board of Trustees of the Teamsters Local Union No. 716 Pension Plan to perform annual actuarial valuations of the pension plan. This report presents the results of our actuarial valuation for the plan year beginning April 1, 2017. The valuation results contained herein are based on current plan provisions summarized in Appendix A, the actuarial assumptions and methods listed in Appendix B and on financial statements audited by Pile CPAs. Participant data was provided by the Fund Office. While we have reviewed the data for reasonableness in accordance with Actuarial Standards of Practice No. 23, we have not audited it. The data was relied on as being both accurate and comprehensive.

This report has been prepared in order to (1) assist the Trustees in evaluating the current actuarial position of the plan, (2) determine the minimum required and maximum deductible contribution amounts under Internal Revenue Code §431 and §404, (3) provide the fund's auditor with information necessary to comply with Accounting Standards Codification 960, and (4) document the plan's certified status under Internal Revenue Code §432 for the current year and provide the basis to certify such status for the subsequent year. In addition, information contained in this report will be used to prepare Schedule MB of Form 5500 that is filed annually with the IRS and could be used to calculate employer withdrawal liability. We are not responsible for the use of, or reliance upon, this report for any other purpose.

We have prepared this report in accordance with generally accepted actuarial principles and practices and have performed such tests as we considered necessary to assure the accuracy of the results. The results have been determined on the basis of actuarial assumptions that, in my opinion, are appropriate for the purposes of this report, are individually reasonable and in combination represent my best estimate of anticipated experience under the plan. Actuarial assumptions may be changed from previous valuations due to changes in mandated requirements, plan experience resulting in changes in expectations about the future, and/or other factors. An assumption change does not indicate that prior assumptions were unreasonable when made. For purposes of current liability calculations, assumptions are prescribed by regulation or statute. By relying on this valuation report, the Trustees confirm they have accepted the assumptions contained in the report.

The results are based on my best interpretation of existing laws and regulations and are subject to revision based on future regulatory or other guidance.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions, increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an

amortization period or additional cost or contribution requirements based on the plan's funded status), and changes in plan provisions or applicable law.

United Actuarial Services, Inc. does not provide, nor charge for, investment, tax or legal advice. None of the comments made herein should be construed as constituting such advice. We are not aware of any direct or material indirect financial interest or relationship that could create a conflict of interest that would impair the objectivity of our work.

The undersigned actuary meets the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained in this report.

We are available to respond to any questions you may have about this report.

UNITED ACTUARIAL SERVICES, INC.

Enrolled Actuary

Erika L. Creager, EA, MAAA

Erika J. Creager

Consulting Actuary

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PART I: SUMMARY OF RESULTS

5 - YEAR SUMMARY OF VALUATION RESULTS

Actuarial Study as of April 1,	2017	2016	2015	2014	2013
as of April 1,	2017	2010	2013	2014	2013
PPA funded status Improvements restricted	Safe No	Safe No	Safe No	Safe No	Safe No
Funded ratio PPA certification Valuation report (AVA) Valuation report (MVA)	89.2% 89.1% 84.5%	91.4% 89.8% 82.6%	91.0% 92.4% 91.4%	89.0% 89.7% 90.3%	86.0% 85.8% 88.0%
Date of first projected fundir PPA certification Valuation report	ng deficiency 3/31/31 3/31/33	3/31/29 3/31/29	3/31/30 None	3/31/32 3/31/31	3/31/28 3/31/30
Net investment return On market value On actuarial value	8.72% 5.16%	-2.43% 4.78%	5.56% 7.55%	9.21% 11.25%	7.76% 4.85%
Asset values (\$ 000) <i>Market</i> <i>Actuarial</i>	80,599 84,978	76,975 83,692	80,944 81,853	78,895 78,301	74,432 72,554
Accum. ben. (\$ 000)	95,385	93,238	88,554	87,340	84,590
120,00 100,00 Assets (Actuarial)	0			-	•
(Actuarial) \$\overline{\pi}\$ 80,00 Assets (Market) \$\overline{\pi}\$ 60,00 Accumulated Benefits 40,00	o 				
20,00	0 2017	2016	2015 an Year Begini	2014	2013
		FI	an rear begini	mig	

5 - YEAR SUMMARY OF DEMOGRAPHICS

4						
Actuarial Study						
as of April 1,	2	2017	2016	2015	2014	2013
Demographics						
Active		654	714	693	697	734
Inactive vested		655	641	666	631	622
Receiving benefits	S	696	668	637	622	595
Total		2,005	2,023	1,996	1,950	1,951
Unrecorded dates of	birth	13	17	5	-	-
Average entry age		36.5	36.5	36.1	35.4	35.3
Average attained age	9	50.1	49.5	49.8	49.4	48.9
	800					_
■Actives ■Inactive Vested ■Retirees	700 600 500 400 300 200 100					
	20	017	2016	2015	2014	2013

CHANGES FROM PRIOR STUDY

Changes in Plan Provisions

The plan provisions underlying this valuation are the same as those valued last year.

Changes in Actuarial Assumptions and Methods

The actuarial assumptions and methods used in this valuation differ from those used in the prior valuation in the following respects:

- We changed the assumed contribution rates according to the schedule in Appendix A to reflect the negotiated rates.
- We increased the base for assumed future annual contributions from 1,750 hours to 1,800 hours, from 40 weeks to 41 weeks, and from \$31,500 to \$33,000 gross earnings. The assumed base for monthly contributions remains at 11 months. This will produce our best estimate of future contributions based on recent plan experience.
- The assumed operational expenses were decreased from \$245,000 to \$200,000 to reflect our best estimate of future expenses based on recent plan experience.
- The assumed mortality rates were changed from 125% of the RP-2014 Blue Collar Mortality Table for employees and healthy annuitants adjusted backward to 2006 with the MP-2014 projection scale and projected forward using the MP-2015 projection scale to 125% of the RP-2014 Blue Collar Mortality Table for employees and healthy annuitants adjusted backward to 2006 with the MP-2014 projection scale and projected forward using the MP-2016 projection scale. This change was made in order to better reflect anticipated improvements in mortality rates for each future year due to medical advances and lifestyle changes.
- The percent married assumption was changed from 100% to 75% to reflect our best estimate of future marriage patterns based on recent plan experience.
- The current liability interest rate was changed from 3.23% to 3.05%. The new rate is within established statutory guidelines.

HISTORY OF MAJOR ASSUMPTIONS

		Actuaria	l Study as d	of April 1,	
Assumption	2017	2016	2015	2014	2013
Future rate of net investment return	7.50%	7.50%	7.50%	7.50%	7.50%
Mortality table Adjustment	RP-2014 125%	RP-2014 125%	RP-2000 2 yr. sf	RP-2000 2 yr. sf	RP-2000 2 yr. sf
Projection scale	MP-2016	MP-2015	AA	AA	AA
Future expenses	\$200,000	\$245,000	\$360,000	\$360,000	\$330,000
Basis for future annual	contributions				
Avg: Months	11	11	11	11	11
Hours	1,800	1,750	1,700	1,600	1,600
Weeks	41	40	40	38	41
Gross earnings	\$33,000	\$31,500	\$30,000	\$29,000	\$29,000
Average expected retire	ement age*				
Actives	62.4	62.4	62.2	61.9	61.8
Inactive vested	63.1	63.1	63.1	61.4	61.2

^{*} Resulting from the application of the retirement probabilities shown in Appendix B to active participants.

EXPERIENCE VS. ASSUMPTIONS

Comparing the prior year's experience to assumptions provides indications as to why overall results may differ from those expected

Actuarial assumptions are used to project certain future events related to the pension plan (e.g. deaths, withdrawals, investment income, expenses, etc.). While actual results for a single plan year will rarely match expected experience, it is intended that the assumptions will provide a reasonable long term estimate of developing experience.

The following table provides a comparison of expected outcomes for the prior plan year with the actual experience observed during the same period. This display may provide insight as to why the plan's overall actuarial position may be different from expected.

Plan Year Ending			
March 31, 2017	Expected		Actual
Decrements			
Terminations			106
less: Rehires			10
Terminations (net of rehires)	70.9		96
Retirements	32.8		22
Disabilities	1.3		-
Deaths - pre-retirement	6.6		2
Deaths - post-retirement	23.0		33
Asset assumptions			
Rate of net investment return on actuarial value	7.50%)	5.16%
Net expenses	\$ 245,000	\$	178,797
Other demographic assumptions			
Average retirement age from active (new retirees)	63.7		62.3
Average retirement age from inactive (new retirees)	* 63.1		62.4
Average entry age (new entrants)	36.5		38.8
Basis for future contributions			
Average: Months	11		11
Hours	1,750		1,927
Weeks	40		48
Gross earnings	31,500		37,086
Unfunded liability (gain)/loss			
(Gain)/loss due to asset experience		\$	1,922,302
(Gain)/loss due to liability experience		•	691,502
Total (gain)/loss		\$	2,613,804

^{*} Expected average based on the average for the total group of participants.

PLAN MATURITY

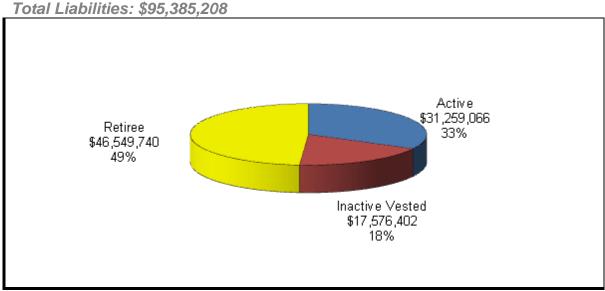
Measures of plan maturity can play a part in understanding risk and a plan's ability to recover from adverse experience When a new pension plan is first established, its liabilities are typically limited to active plan participants. However, as people become vested and retire, a plan begins to develop liabilities attributable to inactive participants. The process of adding inactive liabilities (often referred to as "maturing") is a natural outgrowth of the operation

of the plan. As a plan matures, its liabilities tend to balloon in relation to its contribution base, making it more difficult to correct for adverse outcomes by increasing contribution rates or reducing future benefit accruals.

We generally consider a plan with an active to retiree headcount ratio of less than 1.0, or an active to inactive headcount ratio of less than 0.5, to be mature.

Actuarial Study as of April 1,	2017	2016	2015	2014	2013
Active/retiree headcount ratio Active/inactive headcount ratio	0.94	1.07	1.09	1.12	1.23
	0.48	0.55	0.53	0.56	0.60

Liabilities of Actives, Retirees, and Inactive Vesteds



UNFUNDED VESTED BENEFITS/EMPLOYER WITHDRAWAL LIABILITY

An employer withdrawing during the coming year may have withdrawal liability

The following table shows a history of the plan's unfunded vested benefits (UVB) required to compute a specific employer withdrawal liability under the presumptive method. If all unfunded vested benefits since the inception of the

Multiemployer Pension Plan Amendments Act of 1980 (MPPAA) are zero (\$0) or less, there will be no withdrawal liability assessed to a withdrawing employer. Otherwise, an employer may be assessed withdrawal liability payments pursuant to MPPAA. The display does not reflect adjustments for prior employer withdrawals.

In accordance with IRC Section 432(e)(9)(A) and PBGC Technical Update 10-3, the impact of reducing adjustable benefits is reflected by adding the unamortized portion of the value of affected benefits (VAB) to the most recent year's unfunded vested benefits pool.

Presumptive Method (\$ 000)

March 31,		2017	2016	2015	2014	2013
Vested benefits interes	est	7.50%	7.50%	7.50%	7.50%	7.50%
Vested benefits less: Asset value*		93,555 34,978	90,649 83,692	86,060 81,853	86,056 78,301	82,972 72,554
UVB		8,577	6,957	4,207	7,755	10,418
Unamortized VAB UVB + VAB		1,125 9,702	1,210 8,167	1,290 5,497	1,364 9,119	1,432 11,850
Assets* Vested Benefits**	100,000	2017	2016	2015 Plan Year Endi	2014 ng	2013

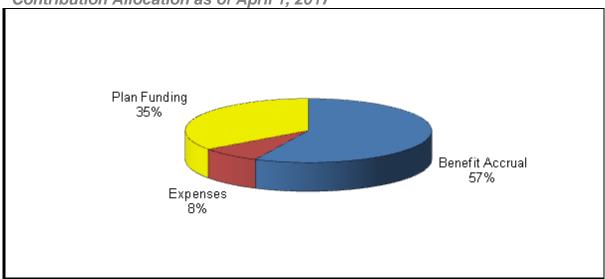
- * Actuarial value
- ** Includes VAB

CONTRIBUTION ALLOCATION

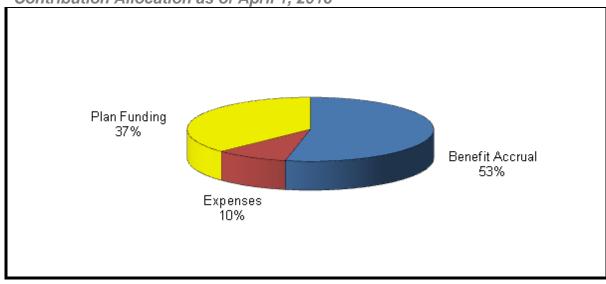
These graphs show how the contributions are being spent

The following allocation charts illustrate how the expected contribution rate for the coming plan year will be "spent" to pay for benefits being earned in the current year, plan expenses, and funding of past unfunded liabilities.

Contribution Allocation as of April 1, 2017



Contribution Allocation as of April 1, 2016



FUNDING STANDARD ACCOUNT PROJECTION

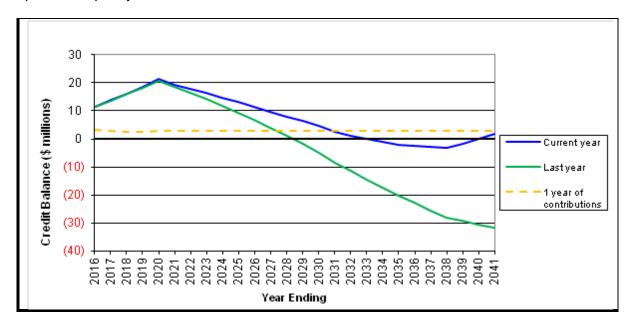
The funding standard account projection is a major driver of PPA status

The funding standard account (FSA) was established by ERISA as a means of determining compliance with minimum funding standards. The FSA is hypothetical in the sense that it does not represent actual assets held by a custodian.

Rather, a positive FSA balance (called a "credit balance") means that the plan has exceeded minimum funding standards on a cumulative basis, while a negative balance (called a "funding deficiency") means that the plan has fallen short of such standards.

Actuaries must project the plan's credit balance each year in order to determine PPA status. If the credit balance is projected to be negative in a future year, the plan could be forced into yellow (endangered) or red (critical) status depending how far into the future the projected funding deficiency is. The plan's credit balance projection appears below.

As a rule of thumb, UAS recommends that non-Critical status plans maintain a projected credit balance of at least one year's contributions (shown as an orange dotted line in the graph below) in each future year. Maintaining a "cushion" in the Funding Standard Account helps minimize the risk of a surprise funding deficiency at the end of a non-Critical status plan year. Such a deficiency could trigger an excise tax payable directly by employers. If the Plan is in Critical status at the start of plan year, it is protected from these excise taxes so long as scheduled progress has been satisfied in at least one of the past three plan years.

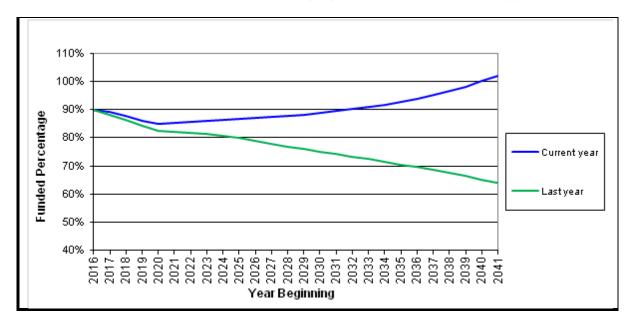


FUNDED RATIO PROJECTION

The plan's funded ratio is a major driver of PPA status

The funded ratio is defined as the actuarial value of plan assets divided by the plan's liabilities for accrued benefits. Along with the funding standard account projection, funded ratio is one of the two major drivers of PPA funded status. In

order for a plan to enter the green zone (also called "safe" or "not endangered or critical") the funded ratio must be at least 80%. The projection of the funded ratio appears below.



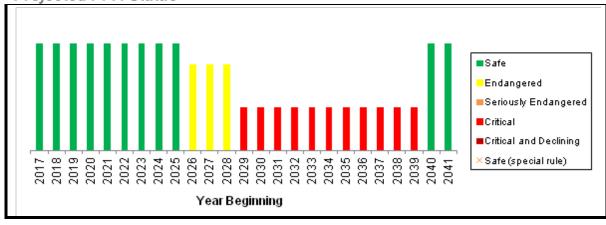
PPA FUNDING STATUS REPORT

The plan is not in either Endangered or Critical status for 2017 The Pension Protection Act of 2006 (PPA), as amended by the Multiemployer Pension Reform Act of 2014 ("MPRA"), requires all multiemployer pension plans to obtain an annual status certification. The possible statuses are: "Endangered", "Seriously

Endangered", "Critical", "Critical and Declining" or none of these. As the plan's actuary, we must complete the status certification within 90 days of the beginning of the plan year, and we must also certify whether or not the plan has made scheduled progress if its funding improvement or rehabilitation period has begun. The criteria for these determinations are outlined in Appendix D. Due to the timing requirement affecting PPA certifications, they are performed based on data different from that used in this report (see certification letter for additional details). The results are summarized below.

	Values Used for P	PA Certification
Description	2017	2016
Funded ratio	89.2%	91.4%
Date of first projected funding deficiency	3/31/2031	3/31/2029
Years of benefit payments in assets	8+	8+
Certified PPA status	Safe	Safe





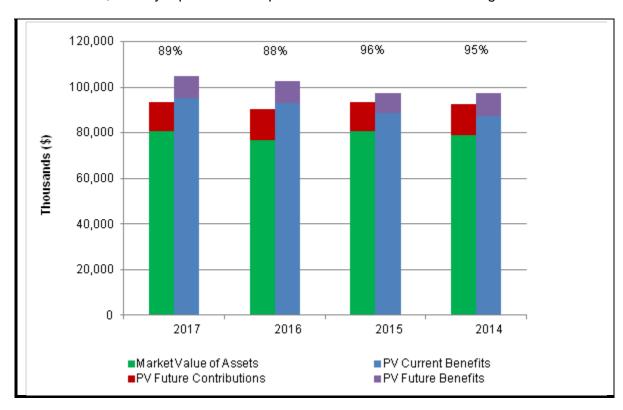
ULTIMATE FUNDED STATUS

Ultimate funded status is a snapshot measure of contribution sufficiency

An actuarial valuation deals primarily with the ability of the plan to meet Internal Revenue Code requirements now and in the near future. As such, it is heavily focused on current plan assets and liabilities. But it is also important to keep in mind

the true purpose of the plan funding—that is, to accumulate sufficient assets to pay the benefits that the plan has promised to its participants. The chart below looks at this long-term funding adequacy. To the current plan assets we add the present value of all future contributions expected to be made for the current plan participants. To the value of the plan's liabilities for benefits that have been previously earned we add the present value of all the future benefits the current plan participants are expected to earn through their future service. Ideally these ultimate asset and liability values will be approximately equal.

Neither of these amounts reflect the effect of future new participants or future contribution rate increases to the plan. Generally new entrants generate greater future contributions than benefits, so they represent a net positive to the actual future funding shown here.



STRESS AND SENSITIVITY ANALYSIS

The table below illustrates the impact on the plan when experience varies from key assumptions Currently, in order to project no funding deficiencies and remain in the Safe zone in all future years, the plan would have to provide a reduced accrual rate of 1.22% as of April 1, 2018. Considering that experience rarely matches our assumptions exactly, we developed the table below to demonstrate the impact that variations in

certain key assumptions would have on the contribution rate increase schedule. We examined future work unit assumptions equal to the baseline, 5% lower, and 5% higher. We examined asset returns for the 2016-17 plan year of 10.00%, 7.50%, 4.00%, and 0% in order to determine the reduced accrual rate required as of April 1, 2018 to project no deficiencies and remain in the Safe zone in all future years.

April 1, 2018 Accrual Rate Needed to Project No Deficiencies & Remain Safe*

	Return f	or the 2017-18	3 PY (7.50% Th	ereafter)
Annual Future Work Unit Assumption	10.00%	Assumed Return**	4.00%	0.00%
5% Lower 10.5 months 1,710 hours 39 weeks \$31,350 gross earnings	None	1.12%	0.81%	0.45%
Baseline 11 months 1,800 hours 41 weeks \$33,000 gross earnings	None	1.22%	0.92%	0.58%
5% Higher 11.6 months 1,890 hours 43 weeks \$34,650 gross earnings	None	None	1.03%	0.70%
Lower short-term 6.50% return for 10 yrs Baseline units	0.91%	0.64%	0.44%	0.13%

Includes all future contribution rate increases spelled out in participation agreements as of 12/18/17.

^{**} The assumed return for the 2017-18 plan year is 7.50% in the first three rows and 6.50% in the last row.

PART II: SUPPLEMENTAL STATISTICS

PARTICIPANT DATA RECONCILIATION

The participant data reconciliation table below provides information as to how the plan's covered population changed since the prior actuarial study. Such factors as the number of participants retiring, withdrawing and returning to work have an impact on the actuarial position of the pension fund.

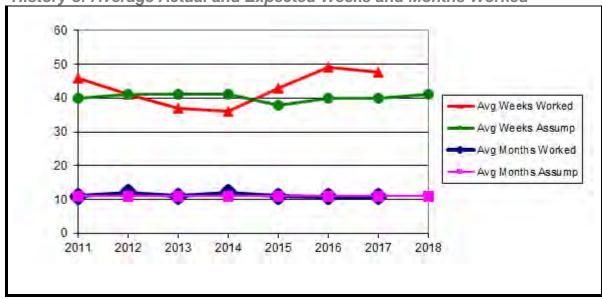
Participants		Inactive	Receiving	Total
Valued As	Active	Vested	Benefits	Valued
April 1, 2016	714	641	668	2,023
Change due to:				
New hire	59	-	-	59
Rehire	10	(6)	-	4
Termination	(106)	41	-	(65)
Disablement	-	-	-	-
Retirement	(22)	(21)	43	-
Death	(1)	(1)	(33)	(35)
Cash out	-	-	-	-
New beneficiary	-	1	19	20
Certain pd. expired	-	-	(3)	(3)
Data adjustment	-	-	2 *	2
Net change	(60)	14	28	(18)
	, ,			` ,
April 1, 2017	654	655	696	2,005

^{*} Includes one new retiree who was previously determined to be inactive nonvested and one new retiree who was previously not reported.

AVERAGE WORK BASIS DURING PLAN YEAR

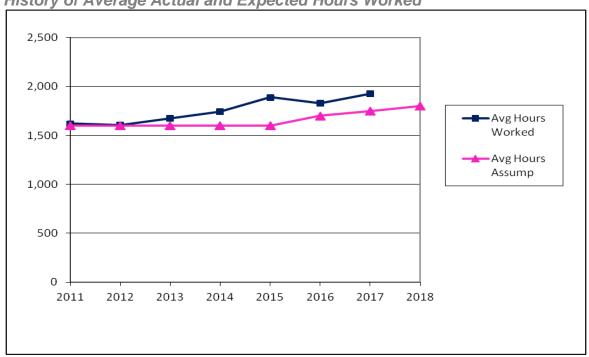
Plan Year Ending March 31, 2017	Number	Average Basis for Annual Contributions		
Actives				
Months	92	11		
	82	• •		
Hours	241	1,927		
Weeks	24	48		
Gross Earnings	307	37,086		
Total for plan year	654			



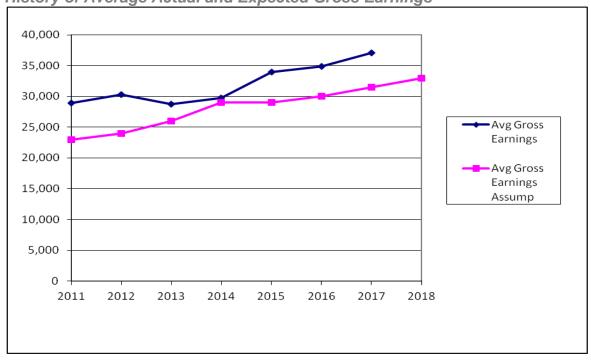


AVERAGE WORK BASIS DURING PLAN YEAR (CONT.)

History of Average Actual and Expected Hours Worked



History of Average Actual and Expected Gross Earnings



CONTRIBUTIONS MADE DURING PLAN YEAR

Employer Contributions Reported in Employee Data

Plan Year Ending March 31, 2017	Number	 ntributions Reported
Actives		
Vested	453	\$ 1,966,021
Non-vested, continuing	142	566,332
Non-vested, new entrant	59	132,443
Total valued as active	654	2,664,796
Others	28	59,190
Othors		55,150
Total for plan year	682	\$ 2,723,986

Comparison with Audited Employer Contributions

1	
Employer contributions reported in data	\$ 2,723,986
Total audited employer contributions*	\$ 2,707,752
Percent reported	101%

^{*} Excludes employer withdrawal liability payments.

History of Actual and Expected Total Contributions Received**



^{**} Excludes employer withdrawal liability payments.

ACTIVE INFORMATION

Active Participants by Age and Service as of April 1, 2017

Active	Partici	ipants	by Ag	e and				1, 2011	<u> </u>		
		Years of Service									
Age	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+	Total
< 25	-	12	-	-	-	-	-	-	-	-	12
25-29	-	11	2	-	-	-	-	-	-	-	13
30-34	-	17	5	-	1	-	-	-	-	-	23
35-39	-	24	8	13	2	-	-	-	-	-	47
40-44	-	31	14	17	15	4	-	-	-	-	81
45-49	-	29	18	13	13	9	5	-	-	-	87
50-54	-	25	23	27	23	21	10	4	-	-	133
55-59	_	21	13	27	17	26	19	7	3	1	134
60-64	_	16	10	15	15	18	6	8	4	1	93
65-69	_	3	3	2	3	-	2	2	-	1	16
70+	-	-	-	2	-	-	-	-	-	-	2
Totals	-	189	96	116	89	78	42	21	7	3	641
Unrecord	ded										
DOB	-	13									13
		•	•		•	•			•	•	
Total											
Active											
Lives	-	202	96	116	89	78	42	21	7	3	654

INACTIVE VESTED INFORMATION

Inactive Vested Participants by Age as of April 1, 2017

Age Group	Number	Estima	ted Deferred d Benefits*
< 30	3	\$	747
30-34	14		3,140
35-39	35		9,939
40-44	61		22,124
45-49	92		29,684
50-54	143		60,107
55-59	169		63,928
60-64	110		40,529
65-69	26		12,165
70+	2		722
Totals	655		243,085
Unrecorded birth date	-		-
Total inactive vested lives	655	\$	243,085

^{*} Amount payable at assumed retirement age as used in the valuation process.

RETIREE INFORMATION

Benefits Being Paid by Form of Payment as of April 1, 2017

		Monthly Bene			y Benef	nefits Being Paid			
Form of Payment	Number		Total	A	verage	Sr	nallest		Largest
Life only	103	\$	75,748	\$	735	\$	23	\$	5,298
Certain & life	220		149,480		679		24		3,854
Joint & survivor	213		177,198		832		41		4,518
Disability	11		3,345		304		69		500
Beneficiaries	149		55,026		369		13		3,714
Totals	696	\$	460,797	\$	662	\$	13	\$	5,298

Retirees by Age and Form of Payment as of April 1, 2017

Neurees by Age and Form of Fayment as of April 1, 2017								
	Form of Benefits Being Paid							
Age	Life	Certain	Joint &					
Group	Only	& Life	Survivor	Disability	Total			
< 40	-	-	-	-	-			
40-44	-	-	-	2	2			
45-49	-	-	-	3	3			
50-54	-	-	-	6	6			
55-59	15	8	16	-	39			
60-64	39	20	45	-	104			
65-69	39	55	54	-	148			
70-74	7	64	43	-	114			
75-79	3	30	34	-	67			
80-84	-	24	13	-	37			
85-89	-	13	6	-	19			
90-94	-	5	1	-	6			
95+	-	1	1	-	2			
Totals	103	220	213	11	547			
	plus: Beneficiaries 149							
Total receiv	ving benefits				696			

RETIREE INFORMATION (CONT.)

Age of Participants Retired During Last 5 Plan Years (excludes beneficiaries and disability retirements)

Age at	Plan Year Ending March 31,						
Retirement	2017	2016	2015	2014	2013		
< 55	-	-	-	-	-		
55	2	7	3	1	6		
56	4	4	-	2	1		
57	2	3	1	2	3		
58	3	3	1	3	1		
59	1	-	-	-	2		
60	3	4	4	1	1		
61	2	6	1	6	3		
62	7	10	6	8	4		
63	4	3	2	1	2		
64	5	1	-	-	-		
65	5	4	2	6	7		
66+	5	1	1	3	5		
Totals	43	46	21	33	35		

History of Average Retirement Ages (excludes beneficiaries and disability retirements)

Retirement During Plan Year Ending In:	Number	Average Retirement Age
2017	43	62.3
2016	46	60.3
2015 2014	21 33	61.1 62.1
2013	35	61.5

PART III: ASSET INFORMATION

MARKET AND ACTUARIAL FUND VALUES

Asset information extracted from the fund's financial statements audited by Pile CPAs.

Market/Actuarial Value of Fund Investments

of Fund Investments						
as of March 31,		2017		2016		2015
Invested assets						
Common stocks	\$	45,322,851	\$	41,278,374	\$	38,654,390
Preferred stocks		3,916,464		3,128,443		72,159
U.S. gov't securities		1,614,358		1,384,680		6,078,203
Mortgage-backed sec.		2,763,979		3,233,534		4,143,457
Mutual funds		7,740,006		7,387,152		8,437,840
Money market funds		1,750,551		4,075,771		1,107,603
Municipal bonds		843,492		924,660		1,216,486
Corporate bonds		14,531,074		13,143,609		16,776,945
Foreign bonds		1,101,638		1,279,854		1,750,576
Limited liability companies		-		-		1,633,859
Cash		514,764		129,987		463,181
Property and equipment		-		-		2,982
		80,099,177		75,966,064		80,337,681
Net receivables*		500,051		1,008,703		606,271
Maylest value	Φ	00 500 000	Φ	70.074.707	Φ	00 040 050
Market value	\$	80,599,228	\$	76,974,767	\$	80,943,952
Fund assets - Actuarial value						
Market value	\$	80,599,228	\$	76,974,767	\$	80,943,952
less: Deferred investment						
gains and (losses)		(4,378,558)		(6,716,836)		(908,959)
Actuarial value	\$	84,977,786	\$	83,691,603	\$	81,852,911
Actuarial value as a						
percentage of market value		105.43%		108.73%		101.12%

^{*} Equals receivables, less any liabilities

FLOW OF FUNDS

Asset information extracted from the fund's financial statements audited by Pile CPAs.

Plan Year Ending March 31,		2017	2016	2015
Market value at beginning of plan year	\$	76,974,767	\$ 80,943,952	\$ 78,894,506
Additions				
Employer contributions		2,805,064	3,336,109	3,025,701
Net investment income* Other income		6,581,941	(1,941,404)	4,325,112 356
<u>Other income</u>		9,387,005	1,394,705	7,351,169
		, ,	, ,	, ,
Deductions Benefits paid		5,583,747	5,136,625	4,815,523
Net expenses*		178,797	227,265	486,200
		5,762,544	5,363,890	5,301,723
Net increase (decrease)		3,624,461	(3,969,185)	2,049,446
Adjustment		-	-	-
Market value at end of				
plan year	\$	80,599,228	\$ 76,974,767	\$ 80,943,952
				_
Cashflow		(0.057.400)	(0.007.704)	(0.070.000)
Contrbenexp. Percent of assets		(2,957,480) -3.67%	(2,027,781) -2.63%	(2,276,022) -2.81%
. Croom or addoto		0.07 70	2.0070	2.0170
Estimated net investment reti	urn			
On market value		8.72%	-2.43%	5.56%
On actuarial value		5.16%	4.78%	7.55%

^{*} Investment expenses have been offset against gross investment income.

INVESTMENT GAIN AND LOSS

Inves	stment	Gain o	or Loss		
Plan	Year E	nding	March	31,	2017

Expected market value at end of plan year	
Market value at beginning of plan year	\$ 76,974,767
Employer contributions and non-investment income	2,805,064
Benefits and expenses paid	(5,762,544)
Expected investment income (at 7.50% rate of return)	5,662,202
	79,679,489
Actual market value at end of plan year	80,599,228
less: Expected market value	79,679,489
Investment gain or (loss)	\$ 919,739

History of Gains and (Losses)

March 31,	or (Loss)
Ending	Gain
Plan Year	Investment

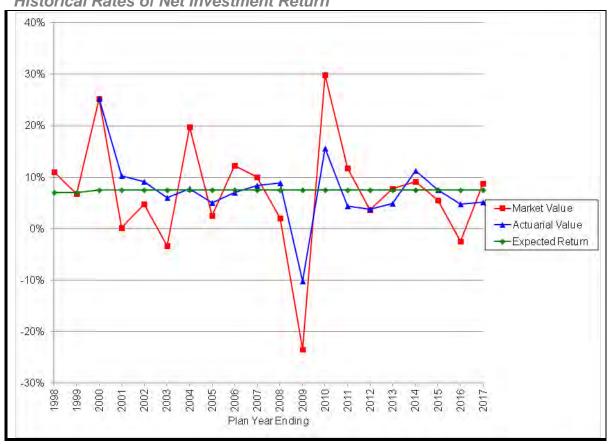
2017	\$ 919,739
2016	(7,936,159)
2015	(1,506,638)
2014	1,250,004

Deferred Investment Gains and (Losses)

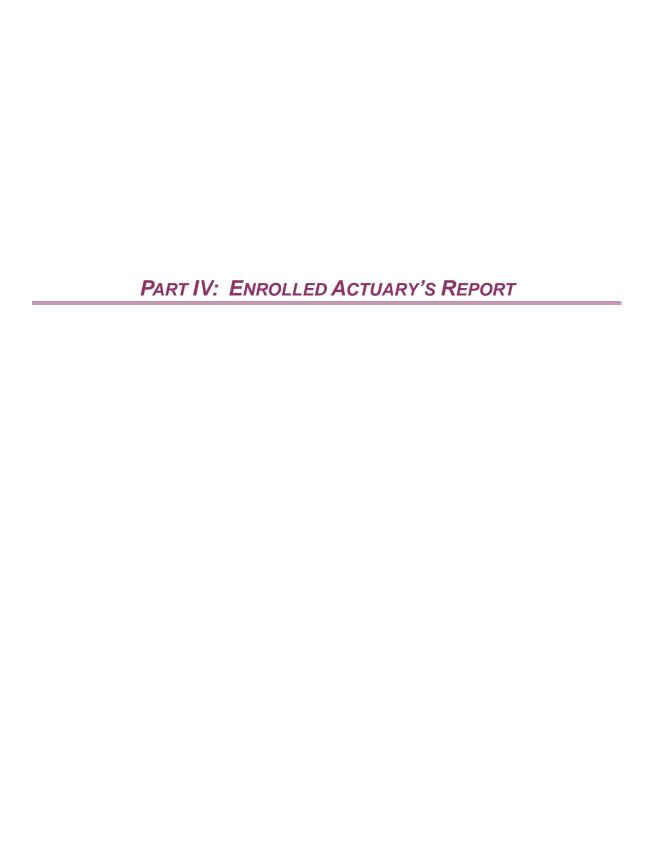
Deferred lives	ne oamo ana	1-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Plan Year						
Ending	Amount of Gain or (Loss) Deferred as of March 31,					
March 31,	2017		2018		2019	2020
2017	\$ 735,791	\$	551,843	\$	367,896	\$ 183,948
2016	(4,761,695)		(3,174,464)		(1,587,232)	-
2015	(602,655)		(301,328)		-	-
2014	250,001		-		-	-
Totals	\$ (4,378,558)	\$	(2,923,949)	\$	(1,219,336)	\$ 183,948

RATE OF RETURN ON FUND ASSETS

Historical Rates of Net Investment Return



Average Rates of Net Investment Return (dollar weighted)						
	Return on M	larket Value	Return on Actuarial Value			
	Period Ending March 31,		Period Ending March 31,			
Period	2017	2016	2017	2016		
One year	8.72%	-2.43%	5.16%	4.78%		
5 years	5.73%	4.77%	6.72%	6.37%		
10 years	4.34%	4.57%	5.32%	5.66%		
15 years	5.61%	5.38%	5.86%	6.13%		
20 years	6.54%	6.31%	n/a	n/a		



NORMAL COST/ACTUARIAL LIABILITY

Normal Cost as of April 1,	2017	2016
Active participants - service prior to valuation date Active participants - service after valuation date Anticipated administrative expenses (beg. of year)	\$ - 1,377,609 192,771	\$ 1,314,440 236,145
Total normal cost	\$ 1,570,380	\$ 1,550,585
	0047	0040
Unfunded Actuarial Liability as of April 1,	2017	2016
Actuarial liability Participants currently receiving benefits* Inactive vested participants Active participants - service prior to val. date Active participants - service after val. date	\$ 46,549,740 17,576,402 31,259,066	\$ 45,568,331 16,353,645 31,315,524
	95,385,208	93,237,500
less: Fund assets (actuarial value)	84,977,786	83,691,603
Unfunded actuarial liability (not less than 0)	\$ 10,407,422	\$ 9,545,897

^{*} Includes balance of benefits due and unpaid to beneficiaries of \$43,715 as of 2017 and \$41,047 as of 2016.

ACTUARIAL LIABILITY RECONCILIATION/PROJECTION

Reconciliation of Unfunded Actuarial Liability	
Expected unfunded actuarial liability as of March 31, 2017	
Unfunded actuarial liability as of April 1, 2016	\$ 9,545,897
Normal cost (including expenses)	1,550,585
Actual contributions	(2,805,064)
Interest to end of plan year	727,047
	9,018,465
Increase (decrease) due to:	
Experience (gain) or loss	2,613,804
Plan amendment	-
Change in actuarial assumptions	(1,224,847)
Change in actuarial method	-
Net increase (decrease)	1,388,957
Unfunded actuarial liability as of April 1, 2017	\$ 10,407,422

Projection of Actuarial Liability to Year End

Actuarial liability as of April 1, 2017	\$ 95,385,208
Expected increase (decrease) due to:	
Normal cost (excluding expenses)	1,377,609
Benefits paid	(6,332,235)
Interest on above	(134,138)
Interest on actuarial liability	7,153,891
Net expected increase (decrease)	2,065,127
Expected actuarial liability as of March 31, 2018	\$ 97,450,335

FUNDED RATIOS

Present Value of Accumulated Benefits/		
Funded Ratios Actuarial Study as of April 1,	2017	2016
Present value of vested accumulated benefits Participants currently receiving benefits* Inactive vested participants Active participants	\$ 46,549,740 17,199,083 29,806,106	\$ 45,568,331 16,058,499 29,022,298
Total	93,554,929	90,649,128
Nonvested accumulated benefits	1,830,279	2,588,372
Present value of all accumulated benefits	\$ 95,385,208	\$ 93,237,500
Market value of assets	\$ 80,599,228	\$ 76,974,767
Funded ratios (Market value) Vested benefits All accumulated benefits	86.2% 84.5%	84.9% 82.6%
Actuarial value of assets	\$ 84,977,786	\$ 83,691,603
Funded ratios (Actuarial value used for PPA) Vested benefits All accumulated benefits	90.8% 89.1%	92.3% 89.8%
Interest rate used to value benefits	7.50%	7.50%

^{*} Includes balance of benefits due and unpaid to beneficiaries of \$43,715 as of 2017 and \$41,047 as of 2016.

FUNDING PERIOD

The funding period is the approximate number of years that would be required to completely fund the unfunded entry age normal actuarial liability if future plan experience occurs according to the assumptions. The funding period is an indicator of the long term financial soundness of the plan. Historically, funds often targeted a maximum funding period of up to 20 years. Today, asset losses are being paid off over a maximum of 15 years and are the primary driver for ERISA minimum funding. An ultimate target of no more than 10 years is recommended. A lower, more conservative funding period target can be chosen. As the funding period drops, the risk of having future funding issues also diminishes.

Funding Period Calculation		
Actuarial Study as of April 1,	2017	2016
Unfunded actuarial liability		
Actuarial liability	\$ 101,899,551	\$ 99,953,357
less: Fund assets (actuarial value)	84,977,786	83,691,603
	16,921,765	16,261,754
Funds available to amortize unfunded		
Anticipated contributions (beg. of yr.)	2,414,323	2,468,090
less: Normal cost (including expenses)	751,636	781,838
	\$ 1,662,687	\$ 1,686,252
Funding period (years)	18	16

CURRENT LIABILITY

Current Liability as of April 1 2017	
Current Liability as of April 1, 2017	
Vested current liability	
Participants currently receiving benefits*	\$ 70,187,360
Inactive vested participants	35,678,304
Active participants	62,444,182
	168,309,846
Nonvested current liability	
Inactive vested participants	287,202
Active participants	2,382,197
	2,669,399
Total current liability	\$ 170,979,245
* Includes balance of benefits due and unpaid to beneficiaries of \$43,715.	
Projection of Current Liability to Year End	
Current liability as of April 1, 2017	\$ 170,979,245
Expected increase (decrease) due to:	
Benefits accruing	3,140,432
Benefits paid	(6,332,235)
Interest on above	(783)
Interest on current liability	 5,214,867
Net expected increase (decrease)	 2,022,281
Expected current liability as of March 31, 2018	\$ 173,001,526

FUNDING STANDARD ACCOUNT

Funding Standard Account Plan Year Ending March 31,	2018 (Projected)		2017 (Final)
Charges			
Prior year funding deficiency	\$	-	\$ -
Normal cost (including expenses)		1,570,380	1,550,585
Amortization charges (see Appendix C)		5,050,598	4,873,757
Interest on above		496,573	481,824
Total charges		7,117,551	6,906,166
Credits			
Prior year credit balance		13,858,596	11,346,048
Employer contributions		2,504,860	2,805,064
Amortization credits (see Appendix C)		5,391,876	5,262,797
Interest on above		1,537,717	1,350,853
ERISA full funding credit		-	-
Total credits		23,293,049	20,764,762
Credit balance (credits less charges)	\$	16,175,498	\$ 13,858,596

FULL FUNDING LIMIT

Projection of Assets for Full Funding Limit	Market Value	Actuarial Value
Asset value as of April 1, 2017	\$ 80,599,228	84,977,786
Expected increase (decrease) due to: Investment income Benefits paid Expenses	5,799,983 (6,332,235) (200,000)	6,128,375 (6,332,235) (200,000)
Net expected increase (decrease)	(732,252)	(403,860)
Expected value as of March 31, 2018*	\$ 79,866,976	84,573,926

^{*} Ignoring expected employer contributions (as required by regulation).

Full Funding Limit as of March 31, 2018	For Minimum Required	For Maximum Deductible
ERISA full funding limit (not less than 0) Actuarial liability less: Assets (lesser of market or actuarial) plus: Credit balance (w/interest to year end)	\$ 97,450,335 79,866,976 14,897,991 32,481,350	\$ 97,450,335 79,866,976 n/a 17,583,359
Full funding limit override (not less than 0) 90% of current liability less: Assets (actuarial value)	155,701,373 84,573,926 71,127,447	155,701,373 84,573,926 71,127,447
Full funding limit (greater of ERISA limit and full funding override)	\$ 71,127,447	\$ 71,127,447

MINIMUM REQUIRED CONTRIBUTION AND FULL FUNDING CREDIT

Minimum Required Contribution Plan Year Beginning April 1, 2017	
Minimum funding cost Normal cost (including expenses) Net amortization of unfunded liabilities Interest to end of plan year	\$ 1,570,380 (341,278) 92,183
meret te ena er plan year	1,321,285
Full funding limit	71,127,447
Net charge to funding std. acct. (lesser of above) less: Credit balance with interest to year end	1,321,285 14,897,991
Minimum Required Contribution (not less than 0)	\$ _
Full Funding Credit to Funding Standard Account Plan Year Ending March 31, 2018	
Full funding credit (not less than 0) Minimum funding cost (n.c., amort., int.) less: full funding limit	\$ 1,321,285 71,127,447
	\$ _

MAXIMUM DEDUCTIBLE CONTRIBUTION

The maximum amount of tax-deductible employer contributions made to a pension plan is determined in accordance with Section 404(a) of the Internal Revenue Code. For a multiemployer pension plan, Section 413(b)(7) of the Internal Revenue Code and IRS Announcement 98-1 provide that, if <u>anticipated</u> employer contributions are less than the deductible limit for a plan year, then all employer contributions paid during the year are guaranteed to be deductible. If anticipated employer contributions exceed the deductible limit, the Trustees have two years from the close of the plan year in question to retroactively improve benefits to alleviate the problem.

Maximum Deductible Contribution Plan Year Beginning April 1, 2017

Preliminary deductible limit Normal cost (including expenses) 10-year limit adjustment (using "fresh start" alternative) Interest to end of plan year	\$ 1,570,380 1,410,432 223,561
	3,204,373
Full funding limit	71,127,447
Maximum deductible contribution override	
140% of vested current liability projected to March 31, 2018	238,420,776
less: Actuarial value of assets projected to March 31, 2018	84,573,926
	153,846,850
Maximum deductible contribution*	\$ 153,846,850
Anticipated employer contributions	\$ 2,504,860

^{*} Equals the lesser of the preliminary deductible limit and the full funding limit, but not less than the maximum deductible contribution override.

HISTORY OF UNFUNDED VESTED BENEFITS

Presumptive Method

Presumptive	e Method				
March 31,	Vested Benefits Interest Rate	Value of Vested Benefits	Asset Value*	Unfunded Vested Benefits	Unamortized Portion of VAB
1998	7.00%	27,281,260	31,138,948	(3,857,688)	
1999	7.00%	30,702,110	33,538,995	(2,836,885)	
2000	7.50%	32,700,923	37,208,586	(4,507,663)	
2001	7.50%	35,413,595	41,360,316	(5,946,721)	
2002	7.50%	40,325,709	45,470,597	(5,144,888)	
2003	7.50%	43,267,162	48,117,628	(4,850,466)	
2004	7.50%	47,389,665	51,990,623	(4,600,958)	
2005	7.50%	51,086,402	54,404,605	(3,318,203)	
2006	7.50%	55,613,278	58,632,694	(3,019,416)	
2007	7.50%	60,762,688	63,764,663	(3,001,975)	
2008	7.50%	64,322,561	69,101,410	(4,778,849)	
2009	7.50%	69,025,247	60,744,017	8,281,230	
2010	7.50%	74,595,043	68,842,481	5,752,562	
2011	7.50%	74,961,616	70,453,278	4,508,338	1,556,113
2012	7.50%	79,541,394	71,294,202	8,247,192	1,496,534
2013	7.50%	82,972,016	72,554,306	10,417,710	1,432,486
2014	7.50%	86,056,205	78,301,308	7,754,897	1,363,635
2015	7.50%	86,059,558	81,852,911	4,206,647	1,289,620
2016	7.50%	90,649,128	83,691,603	6,957,525	1,210,053
2017	7.50%	93,554,929	84,977,786	8,577,143	1,124,520

^{*} Market value March 31, 1999 and prior, actuarial value thereafter.

TERMINATION BY MASS WITHDRAWAL

If all employers were to cease to have an obligation to contribute to the plan, the plan would be considered "terminated due to mass withdrawal." In this event, the Trustees would have the option of distributing plan assets in satisfaction of all plan liabilities through the purchase of annuities from insurance carriers or payment of lump sums. If assets are insufficient to cover liabilities, a special actuarial valuation pursuant to Section 4281 of ERISA would be performed as of the end of the plan year in which the mass withdrawal occurred. If the Section 4281 valuation indicates the value of nonforfeitable benefits exceeds the value of plan assets, employer withdrawal liability would be assessed.

The ERISA Section 4281 valuation described above uses required actuarial assumptions that are typically more conservative than those used for valuing an on-going plan. In order to illustrate the impact of the mass withdrawal assumptions, we performed an illustrative Section 4281 valuation as if mass withdrawal had occurred during the prior plan year. The value of assets used below is market value without any adjustments for outstanding employer withdrawal liability claims.

As required by regulation, interest rates of 1.87% for the first 20 years and 2.37% for each year thereafter and the GAM 94 Basic Table projected to 2027 were used.

Illustrative Section 4281 Valuation as of March 31, 2017

Value of nonforfeitable benefits Participants currently receiving benefits* Inactive vested participants Active participants Expenses (per Section 4281 of ERISA)	\$ 80,603,920 43,633,609 78,978,865 1,257,982
less: Fund assets (market value)	204,474,376 80,599,228
Value of nonforfeitable benefits in excess of (less than) fund assets	\$ 123,875,148

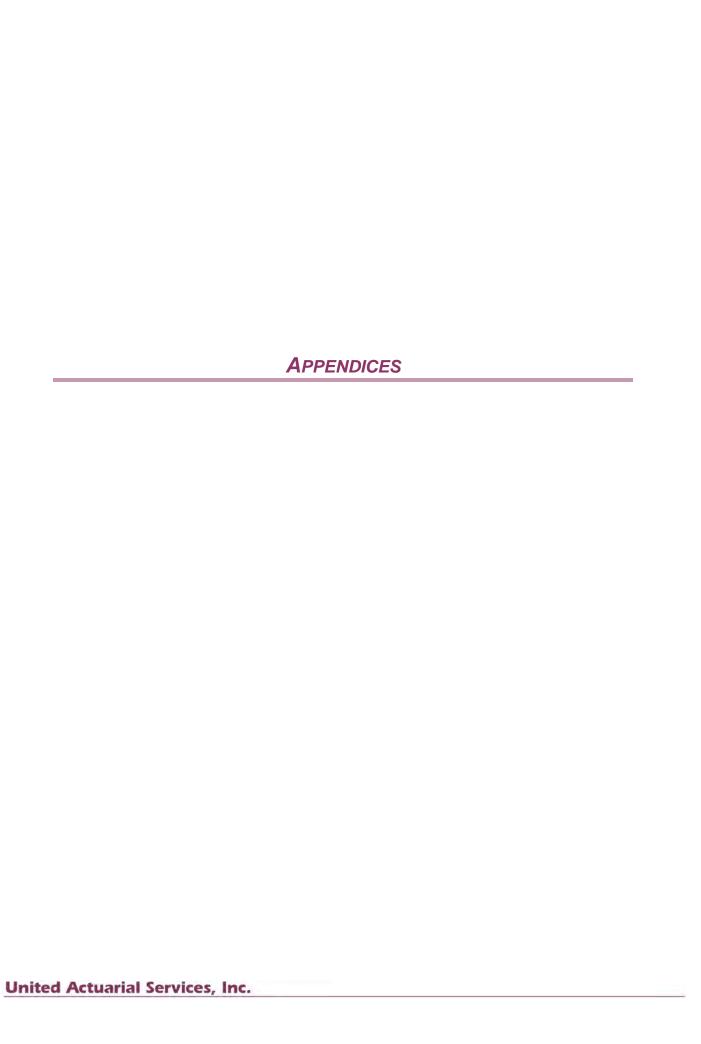
^{*} Includes balance of benefits due and unpaid to beneficiaries of \$43,715.

ASC 960 INFORMATION

The following displays are intended to assist the fund's auditor in complying with Accounting Standards Codification 960. The results shown are not necessarily indicative of the plan's potential liability upon termination.

Present Value of Accumulated Benefits Actuarial Study as of April 1,		2017		2016
Present value of vested accumulated benefits	\$	46 540 740	\$	45 560 221
Participants currently receiving benefits* Other participants	Φ	46,549,740 47,005,189	Φ	45,568,331 45,080,797
Other participants		93,554,929		90,649,128
		93,334,929		90,049,120
Nonvested accumulated benefits		1,830,279		2,588,372
Present value of all accumulated benefits	\$	95,385,208	\$	93,237,500
Market value of plan assets	\$	80,599,228	\$	76,974,767
•	·	, ,	•	, ,
Interest rate used to value benefits		7.50%		7.50%
* Includes balance of benefits due and unpaid to beneficia	aries of S	\$43,715 as of 2017 a	and \$4	1,047 as of 2016.
·				
Changes in Present Value of Accumulated Benefits				
Onanges in Fresent value of Accumulat	eu De	IIGIIIS		

Present value of accumulated benefits as of April 1, 2016	\$ 93,237,500
Increase (decrease) due to:	
Plan amendment	-
Change in actuarial assumptions	(1,224,847)
Benefits accumulated and experience gain or loss	1,963,489
Interest due to decrease in discount period	6,992,813
Benefits paid	(5,583,747)
Net increase (decrease)	2,147,708
Present value of accumulated benefits as of April 1, 2017	\$ 95,385,208



PLAN HISTORY

Origins/Purpose

The Teamsters Local Union No. 716 Pension Plan was established effective April 1, 1975, as a result of Collective Bargaining Agreements between the Cole, Ice, Building Material, Supply Drivers, Riggers, Heavy Haulers, Warehousemen & Helpers, Local Union No. 716 and the Ready Mixed Concrete Industries.

The Pension Plan is managed under the provisions of the Labor Management Relations Act by a Board of Trustees consisting of an equal number of representatives from Labor and from Management.

The purpose of the Pension Plan is to provide Normal and Early Retirement Benefits, Joint and Survivor Benefits, Vested Benefits and Death Benefits.

Employer Contributions

The Pension Plan is financed entirely by contributions from the employers as specified in the Collective Bargaining Agreement. The current contribution rates are shown on the following page.

PLAN HISTORY (CONT.)

	Employer Contribution Rate
Employer or Employer Croup	
Employer or Employer Group	as of April 1, 2017
Teamsters Local Union #135	\$ 338.00/week
Rigging Industry Group:	A
Cardinal Contracting #225	\$ 196.00/week
Underwood Machinery #275	\$ 65.00/week
E.H. Hamilton #350	50¢/hour
A.J.'s Tool Rental #401	10% of gross earnings (11% of gross 6-1-2017)
Sand & Gravel Industry Group:	
A&C Trucking #405	10% of gross earnings (11% of gross 6-1-2017)
MS Transport #420	8% of gross earnings (11% of gross 6-1-2017)
Macy Inc. #445	10% of gross earnings (11% of gross 6-1-2017)
V&S Transport #480	10% of gross earnings
C.J.'s Inc. #497	10% of gross earnings (11% of gross 6-1-2017)
D Transport #415	10% of gross earnings (11% of gross 6-1-2017)
Hot Shot Transportation #424	10% of gross earnings (11% of gross 6-1-2017)
Eastside Trucking #439	10% of gross earnings (11% of gross 6-1-2017)
Wheeler Corporation #442	\$ 75.00/week
R.L. Denney Excavating #461*	10% of gross earnings
Nubian Transport #462	10% of gross earnings (11% of gross 6-1-2017)
Indy Transport #463	10% of gross earnings (11% of gross 6-1-2017)
Oatt's Trucking #466	10% of gross earnings (11% of gross 6-1-2017)
Bibb's Hauling LLC #467	11% of gross earnings
Ward Trucking #469	10% of gross earnings (11% of gross 6-1-2017)
Ellington Trucking LLC #481	10% of gross earnings (11% of gross 6-1-2017)
CMG Trucking #482	10% of gross earnings (11% of gross 6-1-2017)
Choice Trucking #486	10% of gross earnings (11% of gross 6-1-2017)
Wells & Rhodes Trucking #490	10% of gross earnings (11% of gross 5-1-2017)
Ready Mix Industry Group:	
IMI – Central #520	\$ 3.40/hour
IMI – Danville #521	\$ 3.40/hour
IMI – Lebanon/Frankfort #522	\$ 3.40/hour
IMI – Mooresville #523	\$ 3.40/hour
IMI – East #524	\$ 3.40/hour
Prairie Group:	
Prairie VCNA North #570	\$ 3.45/hour
Prairie VCNA South #571	\$ 3.45/hour
Plumbing Industry Drivers Group:	
Central Supply #600	\$ 344.81/month
CEP Concrete Construction #750	\$ 120.00/week
Omnisource Corporation #905	\$ 65.00/month (\$75.00/month 6-1-2017)
City of Martinsville #920	\$ 339.72/month
Martin Marietta Materials #1521	\$ 1.70/hour

^{*} Decertified 7/12/2017

SUMMARY OF PLAN PROVISIONS

Plan year

The twelve-month period beginning April 1 and ending March 31.

Past service date

For each participant, the later of:

- a) April 1, 1975,
- b) the employer participation date that is associated with the employer or employer group the participant work for when contributions were first required to be made to the trust fund on such participant's behalf, or
- c) the first day of the month during which employer contributions were first required to be made to the fund on participant's behalf.

Past service year

Each past service year is measured over the 12 consecutive month period that starts on the first day of the same month as that month contained in a participant's past service date. Past service years are those years preceding a participant's past service date.

Past service benefit

A participant's past service years times his past service crediting rate. The participant's past service crediting rate is the rate for the employer or employer group that such participant worked for when contributions were first required to be made to the trust fund on his behalf. Current past service crediting rates are shown on page A-4.

Service: Past service

One year of past service is credited for each past service year during which the participant worked for an employer. Past service shall not include any years of forfeited service.

Future service

One year of future service is credited for each plan year during which employer contributions were received on a participant's behalf. Future service shall not include any years of forfeited service.

SUMMARY OF PLAN PROVISIONS (CONT.)

Employer or Employer Group	Past Service Crediting Rate as of April 1, 2017
Teamsters Local Union #135	_
Rigging Industry Group	\$ 8.50
E.H. Hamilton	\$ 4.50
A.J.'s Tool Rental	-
Sand & Gravel Industry Group	\$ 5.50
D Transport (Big D)	\$ 5.50
Hot Shot Transportation	\$ 4.50
Eastside Trucking	-
Wheeler Corporation	-
R.L. Denney Excavating	-
Nubian Transport	-
Indy Transport	-
Oatt's Trucking	-
Bibb's Hauling LLC	-
Ward Trucking	-
Ellington Trucking LLC	-
CMG Trucking	-
Choice Trucking	-
Wells & Rhodes Trucking	-
Ready Mix Industry Group	\$ 5.50
Prairie Group	\$ 5.50
Southern Scavenger	\$ 4.50
Plumbing Industry Drivers Group	\$ 7.50
CEP Concrete Construction	-
Omnisource Corporation	\$ 5.50
City of Martinsville	\$ 5.50
Martin Marietta Materials	-

SUMMARY OF PLAN PROVISIONS (CONT.)

Break in service

Prior to participant's past service date: A past service year during which the participant did not work for an employer.

After participant's past service date: A plan year during which no employer contributions were made to the fund on his behalf unless lack of contributions was due to accident, illness or service in the Armed Forces.

Forfeited service

The number of years of service as otherwise credited to a participant that becomes forfeited. All service credited to a non-vested participant is forfeited at the time such participant has suffered consecutive one-year breaks in service equaling the greater of 5 or the number of years of service credited prior to his initial break in service.

Spouse

The participant's legal spouse at the time a pre-retirement death benefit is first payable or, upon the death of the participant after retirement, his legal spouse at time of his retirement.

Normal retirement benefit

Eligibility

Age 65 and 5th anniversary of plan participation.

Monthly amount

Past service benefit, plus \$2.70 for each \$100 of total contributions (employer + employee) up to September 1, 2010, plus \$1.50 for each \$100 of total contributions from September 1, 2010 up to July 1, 2011, plus \$1.30 for each \$100 of total contributions on or after July 1, 2011. Payable for life.

Early retirement benefit

Eligibility

Age 55 and 10 years of service. Age 55 and 5 years of service if participant is active and eligible for social security disability.

Monthly amount

Normal reduced by 6% per year for each year under age 65. Payable for life.

or

Eligibility

Age 55 and 30 years of service.

Monthly amount

100% of normal. Payable for life.

SUMMARY OF PLAN PROVISIONS (CONT.)

Optional forms of payment effective September 1, 2010

5 years certain and life

• 10 years certain and life

Joint & 50% survivor annuity

• Joint & 75% survivor annuity

Vested benefit

Eligibility

5 years of service, termination of employment on or after April 1, 1997.

Monthly amount

100% of normal or reduced early. Commencing at age 55 or later.

Disability benefit

Eligibility

5 years of service, disabled after April 1, 2001 and while active. Eligible for social security disability.

Monthly amount

Accrued Normal, maximum \$300. Payable until age 55, recovery or death. At age 55, benefit is Early or Early Joint and 50% Survivor, if applicable.

Pre-retirement death benefit #1

Eligibility

Death of vested participant prior to age 55. Has surviving spouse.

Monthly amount

Participant's joint and 50% survivor benefit calculated as if participant had attained age 55. Commencing immediately. 50% continuation to spouse payable for life.

Pre-retirement death benefit #2

Eligibility

Death of participant after eligible for joint and 50% survivor, but prior to retirement. Has surviving spouse.

Monthly amount

Participant's joint and 50% survivor benefit. 50% continuation to spouse payable for life.

Pre-retirement death benefit #3

Eligibility

Death of vested participant prior to retirement. No surviving spouse.

Monthly amount

Accrued Normal. Payable to beneficiary for 60 months.

HISTORICAL PLAN MODIFICATIONS

Retiree increase

Effective date April 1, 1989

Adoption date January 26, 1989

Provisions A 5% increase was given to the lives already receiving

monthly benefits on April 1, 1989.

Future service increase

Effective date | April 1, 1991

Adoption date March 28, 1991

Provisions The future service crediting rate was increased to \$2.30

for each \$100 of total contributions.

Retiree increase

Effective date | April 1, 1991

Adoption date March 28, 1991

Provisions A 5% increase was given to the lives already receiving

monthly benefits on April 1, 1991.

Future service increase

Effective date | April 1, 1991

Adoption date | January 1, 1992

Provisions The future service crediting rate was increased to \$2.70

for each \$100 of total contributions.

Retiree increase

Effective date | April 1, 1991

Adoption date January 1, 1992

Provisions A 10% increase was given to the lives already receiving

monthly benefits on April 1, 1991.

HISTORICAL PLAN MODIFICATIONS (CONT.)

Vesting scale

Effective date April 1, 1997

Adoption date January 30, 1997

Provisions The vesting scale was changed from 100% at 10 years of

service to 100% at 5 years of service.

Past service eligibility

Effective date January 1, 1998

Provisions Past service eligibility was granted to certain employees

of new contributing employers.

Pre and post- retirement

death benefits

Effective date January 1, 2000

Adoption date November 30, 2001

Provisions A pre and post-retirement 60 month certain death benefit

was adopted for non-married participants.

Pro rata reciprocity

benefit

Effective date January 1, 2000

Adoption date November 30, 2001

Provision Years with Central States Teamsters under the reciprocity

agreement will count towards the 30 years of service in

the age 55 and 30 years of service benefit.

Disability benefit

Effective date April 1, 2001

Adoption date November 30, 2001

Provision | Accrued Normal, maximum \$500 to active vested

participants who become disabled and are eligible for

social security disability.

HISTORICAL PLAN MODIFICATIONS (CONT.)

Retiree increase

Effective date January 1, 2002

Adoption date November 30, 2001

Provisions A 5% increase was given to the lives already receiving

monthly benefits on January 1, 2002.

Disability benefit

Effective date April 1, 2001

Adoption date December 9, 2003

Provisions | Service requirement for early retirement was lowered

from 10 years to 5 years for participants that are active

and eligible for social security disability.

Form of benefit

Effective date April 1, 2006

Adoption date January 17, 2006

Provisions The benefit form for certain retirees and spouses

receiving joint & 50% survivor benefits was changed to

include a 10 year guarantee.

Form of benefit

Effective date April 1, 2008

Adoption date March 11, 2008

Provisions A joint & 75% survivor option with a 10 year certain

guarantee was added to the plan.

Form of benefit

Effective date September 1, 2010

Adoption date June 8, 2010

Provisions The unreduced 10 year certain guarantee was eliminated

for retirements after July 29, 2010. 5 year and 10 year certain and life optional forms are still offered with a

reduction in benefit.

HISTORICAL PLAN MODIFICATIONS (CONT.)

Death benefit

Effective date September 1, 2010

Adoption date June 8, 2010

Provisions The lump sum option payable to the participant's spouse

or beneficiary in lieu of a monthly pre-retirement or postretirement death benefit was eliminated for deaths on or

after July 29, 2010.

Disability benefit

Effective date September 1, 2010

Adoption date June 8, 2010

Provisions The temporary disability benefit maximum benefit was

lowered from \$500 to \$300 per month for disablements on

or after July 29, 2010.

Future service decrease

Effective date September 1, 2010

Adoption date June 8, 2010

Provisions The future service crediting rate was changed from \$2.70

to \$1.50 for each \$100 of total contributions made on or

after September 1, 2010.

Future service decrease

Effective date July 1, 2011

Adoption date June 7, 2011

Provisions The future service crediting rate was changed from \$1.50

to \$1.30 for each \$100 of total contributions made on or

after July 1, 2011.

ACTUARIAL ASSUMPTIONS

The following assumptions are used throughout this report except as specifically noted herein.

Valuation date	April 1, 2017
Interest rates ERISA rate of return used to value liabilities	7.50% per year net of investment expenses
Current liability	3.05% (in accordance with Section 431(c)(6) of the Internal Revenue Code)
Operational expenses	\$200,000 per year excluding investment expenses
Loading for reciprocity	Liabilities for non-retired (date of termination on or after January 1, 2001) participants' benefits to be paid after retirement increased 5%
Mortality Assumed plan mortality	125% of the RP-2014 Blue Collar Mortality Tables for employees and healthy annuitants adjusted backward to 2006 with the MP-2014 projection scale and projected forward using the MP-2016 projection scale.
Current liability	Separate annuitant and non-annuitant rates based on the RP-2000 Mortality Tables Report developed for males and females as prescribed by Section 431(c)(6) of the Internal Revenue Code.
Withdrawal	T-7 Turnover Table from The Actuary's Pension Handbook (less GAM 51 mortality) – specimen rates shown below:
	Age <u>1 - 3 Years</u> <u>4 - 5 Years</u> <u>6+ Years</u>

<u>Age</u>	1 - 3 Years	<u>4 - 5 Years</u>	6+ Years
25	.30	.20	.0967
30	.30	.20	.0930
35	.30	.20	.0871
40	.30	.20	.0775
45	.30	.20	.0635
50	.30	.20	.0422
55	.30	.20	.0155
60	.30	.20	.0015

ACTUARIAL ASSUMPTIONS (CONT.)

.0005

Disability	Specimen rates shown below:	
•	'	Disability
	<u>Age</u>	Rate
	25	.0004
	30	.0006
	35	.0007
	40	.0011
	45	.0018
	50	.0030
	55	.0047

Retirement

Active lives

According to the following schedule:

60

	Prior to 30 Years	After 30 Years
<u>Age</u>	<u>Service</u>	Service*
55-57	.04	.15
58	.04	.10
59-60	.04	.20
61	.10	.20
62	.35	.40
63	.10	.30
64	.25	.30
65+	1.00	1.00

^{*} At least .30 in first year eligible for unreduced benefit with 30 years of service.

Resulting in an average expected retirement age of 62.4.

Inactive vested lives

Age 55 if 30 years of service, else age 60 if eligible for early, else age 65. Current age, if older.

Basis for future annual contributions

Average: Months

Months 11
Hours 1,800
Weeks 41
Gross earnings \$33,000

ACTUARIAL ASSUMPTIONS (CONT.)

Future contribution rate Applicable employer's rate as of valuation date adjusted

to reflect known bargained increases effective in the

upcoming plan year.

Age of participants with Based on average entry age of participants with recorded unrecorded birth dates

birth dates and same vesting status.

Marriage assumptions 75% assumed married with the male spouse 3 years

older than his wife

Inactive vested lives over Continuing inactive vested participants over age 70 are

assumed deceased and are not valued. age 70

QDRO benefits Benefits to alternate payee included with participant's

benefit until payment commences

Section 415 limit assumptions

Dollar limit \$215,000 per year

Benefits not valued Pre-retirement death benefits following disability.

RATIONALE FOR SELECTION OF ACTUARIAL ASSUMPTIONS

The non prescribed actuarial assumptions were selected to provide a reasonable long term estimate of developing experience. The assumptions are reviewed annually, including a comparison to actual experience. The following describes our rationale for the selection of each non-prescribed assumption that has a significant effect on the valuation results.

ERISA rate of return used to value liabilities

Future rates of return were modeled based on the Plan's current investment policy asset allocation and composite, long-term capital market assumptions taken from Horizon Actuarial's 2017 survey of investment consultants.

Based on this analysis, we selected a final assumed rate of 7.50%, which we feel is reasonable. This rate may not be appropriate for other purposes such as settlement of liabilities.

Mortality

The RP-2014 Blue Collar Mortality Tables for employees and healthy annuitants adjusted backward to 2006 with the MP-2014 projection scale and projected forward using the MP-2016 projection scale was chosen as the base table for this population.

The blue collar table was chosen based on the industry of plan participants.

Finally, a 125% multiplier was applied in order to more closely match projected deaths to actual post-retirement death experience. The period of actual data studied to develop this multiplier was from April 1, 2012 to March 31, 2017 for this plan, blended with a study of deaths for larger plans in similar industries.

Retirement

Actual rates of retirement by age were last studied for this plan for the period April 1, 2012 to March 31, 2017. No further adjustments were deemed necessary at this time.

Withdrawal

Actual rates of withdrawal by age were last studied for this plan for the period April 1, 2012 to March 31, 2017. No further adjustments were deemed necessary at this time.

Basis for future annual contributions

Based on review of recent plan experience.

ACTUARIAL ASSUMPTIONS USED FOR PROJECTIONS

The assumptions used for the credit balance and funding ratio projections are the same as used throughout the report with the following exceptions.

Assumed	return	on	fund
assets			

Current year projections

7.50% for all years

Prior year projections

7.50% for all years

Future total hours worked

Current year average

projections

Months Hours Weeks

Gross earnings

11 for the plan year ending 2018 and thereafter 1,800 for the plan year ending 2018 and thereafter 41 for the plan year ending 2018 and thereafter \$33,000 for the plan year ending 2018 and thereafter

Prior year average

projections

Months Hours Weeks

Gross earnings

11 for the plan year ending 2017 and thereafter 1,750 for the plan year ending 2017 and thereafter 40 for the plan year ending 2017 and thereafter \$31,500 for the plan year ending 2017 and thereafter

Contribution rate increases

Current year projections

Rates as summarized on page A-2 of this report plus all future contribution rate increases spelled out in participation agreements as of December 18, 2017.

Prior year projections

Rates as summarized on page A-2 of the April 1, 2016

actuarial valuation report.

Plan changes since prior year

None

ACTUARIAL ASSUMPTIONS USED FOR PROJECTIONS(CONT.)

Future new entrants for liability projection

Current year projections

The number of new entrants added annually replaces the number of actives that leave due to termination, retirement, death and retirement decrements so that a stable population of 654 active participants is maintained. The age at hire for new entrants is based on the average age at hire of the current population. Based on this distribution we assumed new entrants would enter at the following ages:

	Percentage of
<u>Age</u>	Population
20	6.3%
25	14.5%
30	18.2%
35	17.6%
40	16.5%
45	12.4%
50	6.9%
55	4.7%
60	2.9%
Total	100.0%

Prior year projections

n/a

ACTUARIAL METHODS

Funding method

Funding period Individual entry age normal with costs spread as a level

dollar amount over service

ERISA Funding Traditional unit credit cost method, effective April 1, 2008

Population valued

Actives | Eligible employees with at least one hour during the

preceding plan year.

Inactive vested Vested participants with no hours during the preceding

plan year.

Retirees Participants and beneficiaries in pay status as of the

valuation date.

Asset valuation method

Actuarial value Smoothed market value (without phase-in) effective

April 1, 2000. Each year's gain (or loss) is spread over a period of 5 years. The actuarial value can be no less than 80% or more than 120% of the market value as of the

determination date.

Unfunded vested

benefits

For the presumptive method, actuarial value, as

described above, is used

Pension Relief Act of 2010

30-year amortization of net investment loss was elected with respect to the loss incurred during the plan year ended in 2009. The loss was allocated to future years using the "prospective method" of the IRS. The amount

of each allocation is shown in Appendix C.

Appendix C - Minimum Funding Amortization Bases Teamsters Local Union No. 716 Pension Plan April 1, 2017 Actuarial Valuation

				l	1			
Date	Source of Change in	Original	Original Original Remaining Period	Remaining Period		Remaining Period	4/1/2017 Outstanding	4/1/2017 Amortization
Established	Unfunded Liability	Amount	Period	Years	Months	Balance	Payment	
Charges								
4/1/1978	Amendment		40	1	0	38,372	38,372	
4/1/1979	Amendment		40	2	0	101,909	52,787	
4/1/1980	Amendment		40	3	0	268,264	95,958	
4/1/1988	Amendment		30	1	0	2,423	2,423	
4/1/1989	Amendment		30	2	0	34,532	17,902	
4/1/1989	Assumptions		30	2	0	75,667	39,205	
4/1/1990	Assumptions		30	3	0	49,165	17,585	
4/1/1991	Amendment		30	4	0	906,756	251,838	
4/1/1992	Assumptions		30	5	0	102,300	23,518	
4/1/1993	Assumptions		30	6	0	127,765	25,319	
4/1/1994	Assumptions	332,364	30	7	0	148,150	26,019	
4/1/1995	Assumptions	267,368	30	8	0	131,918	20,954	
4/1/1996	Assumptions	176,956	30	9	0	95,225	13,883	
4/1/1997	Assumptions	274,512	30	10	0	159,096	21,559	
4/1/1998	Amendment	125,865	30	11	0	77,817	9,895	
4/1/1998	Assumptions	584,856	30	11	0	361,595	45,979	
4/1/1999	Assumptions	965,339	30	12	0	631,669	75,964	
4/1/2000	Assumptions	1,895,667	30	13	0	1,304,283	149,310	
4/1/2001	Amendment	1,672,581	30	14	0	1,202,242	131,739	
4/1/2001	Assumptions	727,078	30	14	0	522,600	57,268	
4/1/2002	Amendment	741,827	30	15	0	554,454	58,429	
4/1/2002	Assumptions	481,998	30	15	0	360,253	37,964	
4/1/2003	Amendment	31,128	30	16	0	24,087	2,452	
4/1/2003	Assumptions	854,813	30	16	0	661,649	67,328	
4/1/2003	Experience	878,106	15	1	0	92,541	92,541	
4/1/2004	Assumptions	1,450,330	30	17	0	1,158,488	114,234	
4/1/2004	Experience	392,603	15	2	0	79,861	41,374	
4/1/2005	Assumptions	2,957,701	30	18	0	2,430,704	232,960	
4/1/2005	Experience	1,541,908	15	3	0	454,247	162,492	
4/1/2006	Amendment	73,178	30	19	0	61,707	5,764	
4/1/2006	Assumptions	1,790,545	30	19	0	1,509,883	141,030	
4/1/2006	Experience	1,454,368	15	4	0	551,847	153,266	
4/1/2007	Assumptions	1,066,818	30	20	0	920,855	84,027	
4/1/2007	Experience	729,912	15	5	0	334,548	76,921	
4/1/2009	Relief 09 Asset Loss	11,598,304	29	21	0	10,326,353	922,449	

Appendix C - Minimum Funding Amortization Bases Teamsters Local Union No. 716 Pension Plan April 1, 2017 Actuarial Valuation

Date Established	Source of Change in Unfunded Liability	Original Amount	Original Period	Remaini Years	ng Period Months	4/1/2017 Outstanding Balance	4/1/2017 Amortization Payment
4/1/2010	Relief 09 Asset Loss	1,178,181	28	21	0	1,060,103	94,699
4/1/2011	Assumptions	270,413	15	9	0	195,417	28,497
4/1/2011	Relief 09 Asset Loss	2,854,997	27	21	0	2,598,507	232,123
4/1/2012	Assumptions	505,989	15	10	0	393,463	53,323
4/1/2012	Relief 09 Asset Loss	5,055,343	26	21	0	4,658,948	416,182
4/1/2013	Experience	1,995,583	15	11	0	1,653,828	210,301
4/1/2016	Assumptions	1,343,594	15	14	0	1,292,152	141,593
4/1/2016	Experience	2,730,221	15	14	0	2,625,689	287,720
4/1/2017	Experience Loss	2,613,804	15	15	0	2,613,804	275,452
				Total Ch	arges:	42,955,136	5,050,598
Credits							
4/1/2013	Combined Credits	27,202,487	7	3	0	13,355,881	4,777,524
4/1/2014	Experience	2,951,941	15	12	0	2,586,812	311,086
4/1/2015	Assumptions	505,288	15	13	0	465,145	53,249
4/1/2015	Experience	1,147,604	15	13	0	1,056,433	120,938
4/1/2017	Assumptions	1,224,847	15	15	0	1,224,847	129,079
				Total C	redits:	18,689,118	5,391,876
				Net Ci	harges:	24,266,018	-341,278
			Less	Credit B	alance:	13,858,596	
Less Reconciliation Balance:				alance:	0		
Unfunded Actuarial Liability:				iability:	10,407,422		

Rules for Endangered and Critical Status

Background

The Pension Protection Act of 2006 ("PPA"), enacted in August 2006, established special rules for plans in "Endangered" or "Critical" status. These rules become effective with the plan year beginning in 2008 and were originally scheduled to "sunset" in 2015.

The Multiemployer Pension Reform Act of 2014 ("MPRA"), enacted in December 2014, made the provisions contained in the PPA permanent. MPRA also made numerous changes to the PPA rules, including adding a new status for deeply troubled plans: Critical and Declining.

Informally, Critical Status is often referred to as "red zone" and Endangered Status as "yellow zone." A plan that is neither Critical nor Endangered is said to be "green zone."

Criteria for Endangered and Critical

The table below summarizes the criteria for these categorizations. Projected deficiencies are calculated as of the <u>last day</u> of each plan year and are based on contribution rates codified in bargaining agreements and, if applicable, wage allocations.

Critical Status ("Red Zone")

Endangered Status ("Yellow Zone")

GETTING IN:

Plan is Critical if it is described in one or more of the following:

- Funded percentage is less than 65%, and, inability to pay nonforfeitable benefits and expenses for next 7 years, or
- Projected funding deficiency (<u>not</u> recognizing extensions) in the current year or next 3 years (next 4 years if funded at less than 65%), or
- (1) Contributions are less than current year costs (i.e. "normal cost") plus interest on any unfunded past liabilities, and, (2) value of vested benefits for nonactives is greater than for actives, and, (3) projected funding deficiency (not recognizing extensions) in the current year or next 4 years, or
- Inability to pay all benefits and expenses for next 5 years.

Plan is Endangered if it is <u>not</u> Critical <u>and</u> it is described in one of the following:

- Funded percentage is less than 80%, or
- Projected funding deficiency in the current year or next 6 years.

A non-critical plan that meets both of the preceding criteria is considered "Seriously Endangered"

A plan that meets one of the two Endangered Status criteria above, but was not in Critical or Endangered for the preceding year, will remain not Critical or Endangered (i.e. it will be in "green zone") provided it is not projected to meet either of the two Endangered Status criteria as of the end of the 10th plan year following the certification year

Rules for Endangered and Critical Status (cont.)

Critical Status ("Red Zone") Endangered	Status ("Yellow Zone")
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GETTING IN (cont.):

A plan with a 5-year amortization extension under IRC Section 431(d) that previously emerged from Critical Status in PYB 2015 or later will re-enter Critical Status only if it is described in one of the following:

- Projected funding deficiency in the current year or next 9 years (including amortization extensions), or,
- Projected insolvency within the next 30 years

GETTING OUT:

Plan emerges from Critical Status when it meets all of the following:

- No longer meets any of the Critical Status tests, <u>and</u>,
- No projected funding deficiencies in the current year or next 9 years (<u>including</u> amortization extensions), and,
- No projected insolvencies in the next 30 years

A plan with a 5-year amortization extension under IRC Section 431(d) emerges from Critical Status when it meets all the following:

- No projected funding deficiencies in the current year or next 9 years (including amortization extensions), and,
- No projected insolvencies in the next 30 years

Plan emerges from Endangered Status when it no longer meets the requirements to be classified as Endangered or when it enters Critical Status

Rules for Endangered and Critical Status (cont.)

Restrictions for Endangered and Critical Plans

The Trustees of a plan that is in Endangered or Critical status face a number of restrictions in plan improvements that can be adopted and bargaining agreements that can be accepted.

Period	Endangered/Critical Restrictions
Date of first certification through adoption of funding improvement/rehabilitation plan ("plan adoption period")	 No reduction in level of contributions for any participants No suspension of contributions No exclusion of new or younger employees No amendment that increases the <u>liabilities</u> of the plan by reason of any increase in benefits, change in accrual, or change in vesting unless required by law
After adoption of a funding improvement/rehabilitation plan until end of funding improvement/rehabilitation period	 Cannot be amended so as to be inconsistent with funding improvement/rehabilitation plan No amendment that increases benefits, including future accruals, unless actuary certifies as being paid for with contributions not contemplated in funding improvement/rehabilitation plan and still expected to meet applicable benchmark after considering the amendment

Additionally, Critical status plans cannot pay benefits greater than the single life annuity once the initial red zone notice is sent unless the benefit is eligible for automatic cash-out.

Critical and Declining Plans

Beginning in 2015, plans that are in Critical Status and are projecting insolvency within the next 15 years (20 years in some circumstances) are certified by the actuary as being in "Critical and Declining." These plans may have access to new tools that will allow them to reduce many previously-untouchable benefits, including benefits for participants in pay status. However, these expanded benefit reductions require government approval, must not be rejected by a majority of all participants through a vote, and are subject to a number of other requirements and limitations.

Selected Other MPRA Changes (effective with 2015 plan years)

- Plans projected to be Critical within the next 5 years can elect to be in Critical Status immediately
- New contribution rate increases required by a funding improvement or rehabilitation plan are not considered in calculating an employer's withdrawal liability or payment schedule
- If, upon the expiration of a collective bargaining agreement under a funding improvement or rehabilitation plan, bargaining parties do not adopt a new agreement consistent with an updated schedule, the Trustees must implement the update to the schedule previously adopted.
- PBGC premium doubled and indexed
- PBGC ability to facilitate mergers and partitions expanded

GLOSSARY OF COMMON PENSION TERMS

Benefits

Accrued Benefit: A benefit that an employee has earned (or accrued) through past participation in the plan. It is the amount payable at normal retirement age.

Why it matters: Under the law, Accrued Benefits generally may not be reduced by plan amendment (note that special rules allowing for limited reduction and/or suspension of accrued benefits apply to critical status, critical and declining status and insolvent plans).

Actuarial Equivalence: Given a set of actuarial assumptions, when two different sets of payment scenarios have an equal present value.

Early Retirement Reduction Factor: A retirement benefit that begins before normal retirement age may be reduced. The plan document defines the amount of the reduction by formula or a table of factors. This reduction may or may not be actuarially equivalent, but its present value can be no less than actuarially equivalent to the benefit payable at normal retirement age.

Benefit Crediting (Accrual) Rate: A general reference to the calculation of the amount of monthly retirement benefit earned per dollar contributed or per year or hour worked.

Assets

Market Value of Assets: The market value of all assets in the fund including on an accrued, not cash basis (matching the plan audit).

Actuarial Value of Assets: The amount of assets recognized for actuarial valuation purposes. Recent changes in market value may be partially recognized (there are variations allowed on the exact recognition). Generally the actuarial value is limited to not be less than 80% or more than 120% of the market value.

Why it matters: Many funding calculations use this "smoothed" asset value method to lessen the impact of volatility in the market value of plan assets.

Assumed Rate of Return: Long term assumption of the rate of return on assets based upon the diversification mix of invested assets.

Why it matters: This assumption is used in calculating the present values discussed in the Liabilities section below. The Assumed Rate of Return has an inverse relationship with plan liabilities. In other words, a lower Assumed Rate of Return increases liabilities, while a higher Assumed Rate of Return decreases plan Liabilities.

GLOSSARY OF COMMON PENSION TERMS (CONT.)

Liabilities

Present Value of Accrued Benefits: The discounted value of benefit payments due in the future but based only on the current Accrued Benefits of each participant. The value is based on actuarial assumptions including an assumed rate of investment return.

Why it matters: This liability is one of the primary factors in determining a plan's annual PPA funded status (see Funded Ratio).

Present Value of Vested Benefits: The discounted value of Accrued Benefits that are considered vested (non-forfeitable). Benefits that are not vested include those of participants who have not satisfied the plan vesting requirement (usually five years of service). In addition under the law some death and temporary disability benefits are also considered non-vested regardless of service because they are not considered protected benefits.

Why it matters: This liability is the primary driver of a plan's Employer Withdrawal Liability.

Actuarial (Accrued) Liability: For inactive members this is the same as the Present Value of Accrued Benefits above. For active members this depends on the cost method selected by the actuary. Under the accrued benefit or traditional unit credit cost method this is also the same as the Present Value of Accrued Benefits. Under other cost methods (including most commonly entry age normal) this represents an alternate allocation of projected benefit cost over the working lifetime of active members. Under the entry age normal cost method, the active Actuarial Liability is larger than the Present Value of Accrued Benefits.

Unfunded Actuarial Liability: The Actuarial Liability less the Actuarial Value of Assets.

Current Liability: This is similar to the Present Value of Accrued Benefits, but uses a statutory, significantly lower, interest rate (equivalent to an expected rate of return on a bond only-type portfolio) and statutory mortality tables. The lower interest rate means that Current Liability tends to be significantly higher than the Present Value of Accrued Benefits. This number has very little impact on multiemployer plans.

Normal Cost: The present value of all benefits that are expected to accrue or to be earned under the plan during the plan year. The way in which a benefit is considered to be earned varies with the actuarial cost method.

Risk: The potential of future deviation of actual results from expectations derived from actuarial assumptions.

GLOSSARY OF COMMON PENSION TERMS (CONT.)

Funding

Funded Ratio (Funded Percentage): Actuarial Value of Assets divided by the Present Value of Accrued Benefits. This is one of two key measures used to determine a plan's annual PPA funded status. This may also be referred to as PPA Funded Ratio. This must be greater than 80% to avoid endangered status.

Credit Balance: The accumulated excess of actual contributions over legally required minimum contributions as maintained in the funding standard account. The funding standard account is maintained by the actuary in the valuation process and reported annually in schedule MB to the Form 5500 filing. A negative credit balance is known as an accumulated funding deficiency. Prior to PPA, an accumulated funding deficiency caused an immediate excise tax (waiver under PPA if certain conditions are met). After PPA, a current or projected funding deficiency is one of the key measures used in determining the annual PPA status. It can eventually trigger an excise tax levied on contributing employers.

Withdrawal Liability

Unfunded Vested Benefits (UVB): Present Value of Vested Benefits less the value of plan assets determined on either an actuarial or market value basis. The selection of asset measurement is part of the withdrawal liability method of the Plan.

Employer Withdrawal Liability (EWL): An employer that withdraws from a multiemployer plan is liable for its proportionate share of Unfunded Vested Benefits, determined as of the date of withdrawal.

Why it matters: If a contributing employer leaves the plan while it has Unfunded Vested Benefits liability, that employer's allocated share of Employer Withdrawal Liability is either assessed, as applicable, or reallocated among the plan's remaining active employers if the presumptive method is used. A construction employer withdrawing from a construction industry plan will not be assessed unless they continue performing work within the jurisdiction of the CBA or restart such work within a period of 5 years. Small amounts (under \$150,000) are generally reduced or eliminated pursuant to the "de minimis rule."