3.02 Certification the plan is projected to avoid insolvency

The graphs and projected cash flows below demonstrate that based upon the assumptions detailed below, the benefit suspension being requested in this application, in conjunction with the financial assistance from the PBGC concurrently being sought under MPRA Section 121 is sufficient to avoid Fund insolvency.

The graphs demonstrate that the Fund is not expected to go insolvent under the assumptions shown, and in addition, by the Plan Year ending 3/31/2049, the end of the extended period of 30 years defined in the Regulations, the Fund's funded status begins to improve.

This certification was prepared on behalf of the Teamsters Local 805 Pension and Retirement Fund based on employee data, asset statements and plan documents provided by the Plan sponsor or its representatives. We relied upon the data as submitted, without formal audit. However, the data was tested for reasonableness, and we have no reason to believe that any other information which would have had a material effect on the results of this valuation was overlooked.

Therefore, to the best of our knowledge and belief, the information presented in this certification is complete and accurate, and each assumption used represents our best estimate of anticipated experience under the Plan.

Certified by:

Craig A. Voelker, FSA, MAAA, EA

Enrolled Actuary No.: 14-05537

1236 Brace Rd. Unit E Cherry Hill, NJ 08034 Phone (856) 795-7777

Cry A.V.S

January 31, 2017

Assumptions Used in Actuarial Certification

Interest Rate

Funding:

6.50% per annum

Assets:

Plan Year ending 3/31
2018-2022
2023-2027
2028-2032
2033 onward

The long-term funding rate assumption is based upon expected returns for the asset classes selected under the Plan's investment policy. The expected asset returns were generated using a building block approach that includes inflation expectation and anticipated risk premiums for each asset class.

Mortality Healthy

RP-2014 healthy mortality with blue collar adjustment, separate for male and female participants, adjusted with mortality improvement Scale MP-2014 from 2015.

Disabled

RP-2014 disabled mortality, separate for male and female participants, adjusted with mortality improvement Scale MP-2014 from 2015.

The mortality rates are based upon historical and current demographic data, as well as future demographic expectations and professional judgment.

Termination

Sarason T -8 Table

The termination rates are based upon historical and current demographic data, as well as future demographic expectations and professional judgment.

Retirement Age

	Percent
<u>Age</u>	Retiring
55	20%
56-61	5%
62	25%
63-64	5%
65	70%
66	50%
67+	100%

If the participant had at least 20 years of Credited Service as of April 1, 2009, there is a one-time additional retirement incidence of 60% when the participant reaches age 55 and at least 25 years of Credited Service. This additional incidence applies immediately for participants who are already age 55 with 25 years of Credited Service.

The retirement rates are based upon historical and current demographic data, as well as future demographic expectations and professional judgment.

Employment

4,997 total months annually

The future employment assumption is based upon the current Plan population, and includes input from the Plan sponsor regarding its expectation of future employment. The Plan sponsor believes that while the Plan population has shrunk over the past few years, the employers that were not in the core local trucking market are now mostly gone and the population of employers has stabilized. Further, the largest employer, which accounts for over 80% of the total Plan contributions, continues to grow (averaged 3% growth the last five years) through product diversification.

Percent Married

80%

The marital assumption is based upon future demographic expectations and professional judgment.

Age of Spouse

Females are 3 years younger than their spouses.

The expected spouse age is based upon historical and current demographic data, as well as future demographic expectations and professional judgment.

Expenses

\$440,000 payable at the beginning of the year, increasing 2% per year thereafter

The Plan expense assumption is based upon historical expense experience, adjusted for future expense expectations.

Value of Assets

Average Fair Market Value (without-phase-in). Averaging period is 3 years. Adjusted under the Pension Relief Act of 2010 for a 10-year recognition of the 2008/2009 Plan Year loss.

As of 12/31/2016, the estimated Fair Market Value of Assets is \$48,342,933.

The estimated 12/31/2016 Market Value of Assets is based upon the estimated ninemonth return of 9.7% provided by the investment consultant and the contributions, withdrawal liability payments, benefits paid, and expenses provided by the Fund office.

Funding Method

Unit Credit

Average contribution rate

\$309.87 per month for the Plan Year ending 3/31/2017, increasing 3% per year, pursuant to section 2(e)(2) of the 2016 Rehabilitation Plan update.

Future entrants

Entry		
Age	Male	<u>Female</u>
25	42%	3%
35	14%	4%
45	20%	3%
55	10%	4%

The new entrant profile is based upon a review of recent demographic data, as well as future demographic expectations and professional judgment.

Local 805 Pension and Retirement Fund as of 3/31/2016

Experience/Assumptions as of 3/31/t ROR at Market (for year ending) Levels of: Contribution rate (eff. Plan Year ending t) b. Employment (total months) Scenarios: 1. Suspension 1 Max MEPRA Suspension 2. Empr. Contribution 0 Baseline: Currently Negotiated 3. Reduction in Future Benefits:.... 4. HLA new employees..... No Partition x% of benefit payments participants not in pay status Actives..... Terminated Vesteds. 100% Count of Retirees 500 Retirees & Benes.... **Assumption Changes** 6.50% Interest rate to..... No Increase in Actives..... 0 Used graded interest rate..... Yes Fac.l Merger Assistance Amt of Assistance per yr. \$0.0 Millions # of years of assistance... 0 Est. date of insolvency..... 12/31/2999 2.75% Est. PBGC Exp. Int Rate..... PV of PBGC Exp Assist as of 4/17:..... \$80,971,799 Proj. Assets at Market as of 3/31: 2016 \$51,672,207

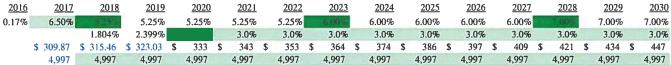
2017 \$45,749,579

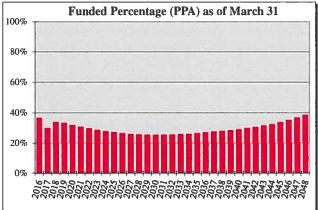
Increase/(decrease) in future work

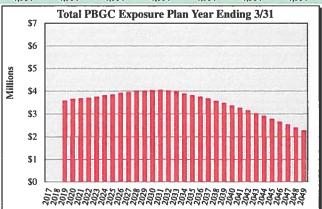
Increase/(decrease) in future interest

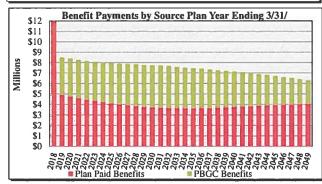
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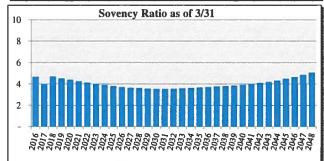


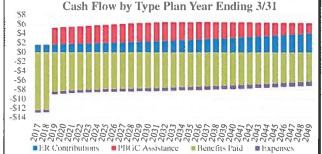












PY Beginning (t)	4/1/2016	1/1/2017	4/1/2017	4/1/2018	4/1/2019
PY Ending (t+1)	12/31/2016	3/31/2017	3/31/2018	3/31/2019	3/31/2020
Market Value					
Beginning Value (t)	51,672,207	48,342,933	45,749,579	36,789,666	34,980,479
ER Contributions	1,259,175	419,725	1,576,370	1,614,186	1,662,611
Withdrawal Pmts	121,413	19,334	213,442	213,442	213,442
Total Contributions	1,380,588	439,059	1,789,812	1,827,628	1,876,053
PBGC Assistance	-	-	-	3,592,228	3,673,492
Investment Income					
Int & Div & Other			4	:=	(12)
Realized and UnR.					
Inv. Exp.	4,626,356	613,456	2,111,235	1,743,893	1,652,442
Total Inv Income	4,626,356	613,456	2,111,235	1,743,893	1,652,442
Benefits Paid	(8,920,110)	(3,533,869)	(12,412,160)	(8,515,159)	(8,419,896)
Expenses	(416,108)	(112,000)	(448,800)	(457,776)	(466,932)
Ending Value (t+1)	48,342,933	45,749,579	36,789,666	34,980,479	33,295,639
Avg Inv Assets			40,224,395	33,252,191	31,532,860
ROR			5.25%	5.25%	5.25%
Available Resources as of t	58,223,558		49,201,826	39,903,410	38,042,043
Solvency Ratio as of t	4.67		3.96	4.69	4.52
Accrued Liability as of t	163,427,314		161,676,652	107,378,997	106,094,117
Funded Percentage as of t	31.6%		28.3%	34.3%	33.0%

PY Beginning (t)	4/1/2020	4/1/2021	4/1/2022	4/1/2023	4/1/2024
PY Ending (t+1)	<u>3/31/2021</u>	3/31/2022	3/31/2023	3/31/2024	3/31/2025
Market Value					
Beginning Value (t)	33,295,639	31,718,020	30,237,245	29,056,707	27,966,069
ER Contributions	1,712,490	1,763,865	1,816,780	1,871,284	1,927,422
Withdrawal Pmts	213,442	213,442	213,442	213,442	213,442
Total Contributions	1,925,932	1,977,307	2,030,222	2,084,726	2,140,864
PBGC Assistance	3,686,630	3,713,293	3,757,524	3,826,666	3,855,120
Investment Income					
Int & Div & Other	-	-	-	-	(-
Realized and UnR.					
Inv. Exp.	1,568,657	1,489,746	1,617,566	1,549,401	1,488,020
Total Inv Income	1,568,657	1,489,746	1,617,566	1,549,401	1,488,020
Benefits Paid	(8,282,567)	(8,175,324)	(8,090,338)	(8,046,009)	(7,956,809)
Expenses	(476,271)	(485,796)	(495,512)	(505,422)	(515,530)
Ending Value (t+1)	31,718,020	30,237,245	29,056,707	27,966,069	26,977,734
Avg Inv Assets	29,965,637	28,495,764	27,115,507	26,019,963	25,041,191
ROR	5.25%	5.25%	6.00%	6.00%	6.00%
Available Resources as of t	36,313,957	34,699,276	33,389,521	32,185,412	31,079,423
Solvency Ratio as of t	4.38	4.24	4.13	4.00	3.91
Accrued Liability as of t	104,839,434	103,661,419	102,534,002	101,438,569	100,335,230
Funded Percentage as of t	31.8%	30.6%	29.5%	28.6%	27.9%

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	PY Beginning (t)	4/1/2025	4/1/2026	4/1/2027	4/1/2028	4/1/2029
	PY Ending (t+1)	<u>3/31/2026</u>	3/31/2027	3/31/2028	3/31/2029	3/31/2030
M	larket Value					
	Beginning Value (t)	26,977,734	26,078,660	25,260,165	24,755,702	24,353,896
	ER Contributions	1,985,245	2,044,802	2,106,146	2,169,331	2,234,411
	Withdrawal Pmts	213,442	213,442	213,442	213,442	213,442
	Total Contributions	2,198,687	2,258,244	2,319,588	2,382,773	2,447,853
	PBGC Assistance	3,922,659	3,961,446	4,024,586	4,023,307	4,042,053
	Investment Income					
	Int & Div & Other	=11	<u>~</u>	-	X-	-
	Realized and UnR.					
	Inv. Exp.	1,431,080	1,379,924	1,555,261	1,524,657	1,498,773
	Total Inv Income	1,431,080	1,379,924	1,555,261	1,524,657	1,498,773
)	Benefits Paid	(7,925,659)	(7,881,750)	(7,856,813)	(7,774,516)	(7,764,374)
	Expenses	(525,841)	(536,358)	(547,085)	(558,027)	(569,188)
	Ending Value (t+1)	26,078,660	25,260,165	24,755,702	24,353,896	24,009,013
	Avg Inv Assets	24,139,390	23,337,119	22,610,339	22,234,621	21,930,788
	ROR	6.00%	6.00%	7.00%	7.00%	7.00%
A	vailable Resources as of t	30,081,660	29,180,469	28,587,929	28,105,105	27,731,334
So	olvency Ratio as of t	3.80	3.70	3.64	3.62	3.57
A	ccrued Liability as of t	99,270,878	98,188,121	97,100,015	95,967,465	94,846,819
Fu	unded Percentage as of t	27.2%	26.6%	26.0%	25.8%	25.7%

PY Beginning (t)	4/1/2030	4/1/2031	4/1/2032	4/1/2033	4/1/2034
PY Ending (t+1)	<u>3/31/2031</u>	3/31/2032	3/31/2033	3/31/2034	3/31/2035
Market Value					
Beginning Value (t)	24,009,013	23,734,386	23,524,497	23,439,903	23,426,569
ER Contributions	2,301,443	2,370,486	2,441,601	2,514,849	2,590,294
Withdrawal Pmts	213,442	213,442	213,442	213,442	213,442
Total Contributions	2,514,885	2,583,928	2,655,043	2,728,291	2,803,736
PBGC Assistance	4,054,348	4,027,996	3,971,492	3,893,796	3,825,801
Investment Income					
Int & Div & Other	2 1	=	-	: <u>-</u>	_
Realized and UnR.					
Inv. Exp.	1,477,408	1,461,914	1,503,974	1,503,266	1,506,879
Total Inv Income	1,477,408	1,461,914	1,503,974	1,503,266	1,506,879
Benefits Paid	(7,740,695)	(7,691,544)	(7,611,076)	(7,522,579)	(7,459,375)
Expenses	(580,572)	(592,183)	(604,027)	(616,108)	(628,430)
Ending Value (t+1)	23,734,386	23,524,497	23,439,903	23,426,569	23,475,180
Avg Inv Assets	21,696,393	21,551,461	21,493,547	21,573,797	21,720,320
ROR	7.00%	7.00%	7.25%	7.25%	7.25%
Available Resources as of t	27,420,733	27,188,045	27,079,487	27,055,352	27,108,754
Solvency Ratio as of t	3.54	3.53	3.56	3.60	3.63
Accrued Liability as of t	93,664,364	92,430,072	91,166,886	89,905,277	88,653,651
Funded Percentage as of t	25.6%	25.7%	25.8%	26.1%	26.4%





	PY Beginning (t)	4/1/2035	4/1/2036	4/1/2037	4/1/2038	4/1/2039
	PY Ending (t+1)	3/31/2036	3/31/2037	3/31/2038	3/31/2039	3/31/2040
Ma	arket Value					
	Beginning Value (t)	23,475,180	23,573,161	23,613,661	23,617,829	23,673,428
	ER Contributions	2,668,003	2,748,043	2,830,485	2,915,399	3,002,861
	Withdrawal Pmts	213,442	72,695			
	Total Contributions	2,881,445	2,820,738	2,830,485	2,915,399	3,002,861
	PBGC Assistance	3,764,415	3,692,902	3,582,599	3,485,876	3,376,591
	Investment Income					
	Int & Div & Other	**	2.	22	194	-
	Realized and UnR.					
	Inv. Exp.	1,514,154	1,521,500	1,526,921	1,532,396	1,540,962
_	Total Inv Income	1,514,154	1,521,500	1,526,921	1,532,396	1,540,962
2	Benefits Paid	(7,421,034)	(7,340,821)	(7,268,942)	(7,197,839)	(7,146,577)
	Expenses	(640,999)	(653,819)	(666,895)	(680,233)	(693,838)
	Ending Value (t+1)	23,573,161	23,613,661	23,617,829	23,673,428	23,753,428
	Avg Inv Assets	21,924,469	22,137,179	22,331,425	22,535,221	22,790,954
	ROR	7.25%	7.25%	7.25%	7.25%	7.25%
Av	ailable Resources as of t	27,229,780	27,261,580	27,304,172	27,385,391	27,523,414
Sol	lvency Ratio as of t	3.67	3.71	3.76	3.80	3.85
Ac	crued Liability as of t	87,386,557	86,077,333	84,766,060	83,444,223	82,110,572
Fu	nded Percentage as of t	26.9%	27.4%	27.9%	28.3%	28.8%



PY Beginning (t)	4/1/2040	4/1/2041	4/1/2042	4/1/2043	4/1/2044
PY Ending (t+1) Market Value	<u>3/31/2041</u>	3/31/2042	<u>3/31/2043</u>	<u>3/31/2044</u>	<u>3/31/2045</u>
Beginning Value (t)	23,753,428	23,891,101	24,103,567	24,368,855	24,713,011
ER Contributions Withdrawal Pmts	3,092,947	3,185,735	3,281,308	3,379,747	3,481,140
Total Contributions	3,092,947	3,185,735	3,281,308	3,379,747	3,481,140
PBGC Assistance	3,278,311	3,166,141	3,028,246	2,918,020	2,790,948
Investment Income					
Int & Div & Other	-	=	¥	÷	=
Realized and UnR.					
Inv. Exp.	1,552,015	1,568,187	1,589,724	1,614,899	1,646,185
Total Inv Income	1,552,015	1,568,187	1,589,724	1,614,899	1,646,185
Benefits Paid	(7,077,885)	(6,985,728)	(6,897,684)	(6,817,478)	(6,729,097)
Expenses	(707,715)	(721,869)	(736,306)	(751,032)	(766,053)
Ending Value (t+1)	23,891,101	24,103,567	24,368,855	24,713,011	25,136,133
Avg Inv Assets	23,090,829	23,471,820	23,937,975	24,466,242	25,091,421
ROR	7.25%	7.25%	7.25%	7.25%	7.25%
Available Resources as of t	27,690,675	27,923,154	28,238,293	28,612,469	29,074,282
Solvency Ratio as of t	3.91	4.00	4.09	4.20	4.32
Accrued Liability as of t	80,743,869	79,359,979	77,982,031	76,606,180	75,224,490
Funded Percentage as of t	29.4%	30.1%	30.9%	31.8%	32.9%



PY Beginning (t) PY Ending (t+1)	4/1/2045 3/31/2046	4/1/2046 3/31/2047	4/1/2047 3/31/2048	4/1/2048 3/31/2049
Market Value Beginning Value (t)	25,136,133	25,681,391	26,330,605	27,096,430
ER Contributions Withdrawal Pmts	3,585,574	3,693,141	3,803,936	3,918,054
Total Contributions	3,585,574	3,693,141	3,803,936	3,918,054
PBGC Assistance	2,663,043	2,544,959	2,411,116	2,282,548
Investment Income				
Int & Div & Other	*	-	-	141
Realized and UnR.				
Inv. Exp.	1,684,536	1,730,451	1,784,634	1,846,964
Total Inv Income	1,684,536	1,730,451	1,784,634	1,846,964
Benefits Paid	(6,606,521)	(6,522,336)	(6,420,920)	(6,330,970)
Expenses	(781,374)	(797,001)	(812,941)	(829,200)
Ending Value (t+1)	25,681,391	26,330,605	27,096,430	27,983,826
Avg Inv Assets	25,827,434	26,682,028	27,665,511	28,776,952
ROR	7.25%	7.25%	7.25%	7.25%
Available Resources as of t	29,624,869	30,307,982	31,106,234	32,032,248
Solvency Ratio as of t	4.48	4.65	4.84	5.06
Accrued Liability as of t	73,845,039	72,503,299	71,162,101	69,839,292
Funded Percentage as of t	34.0%	35.4%	37.0%	38.8%



Plan Year Ending 3/31	2017	2018	2019	2020	2021	2022	2023	<u>2024</u>
Actives	694,961	847,152	555,671	650,602	744,732	853,565	963,956	1,085,691
New Entrants	-	-	-		-	-	35	109
Term Vesteds	226,518	321,549	321,132	406,176	452,125	514,848	598,826	711,874
Retirees	10,473,691	10,217,055	6,748,140	6,522,200	6,293,070	6,061,495	5,828,210	5,593,929
Beneficiaries	1,078,809	1,026,404	890,216	840,918	792,640	745,416	699,311	654,406
Total	\$ 12,473,979	\$ 12,412,160	\$ 8,515,159	\$ 8,419,896	\$ 8,282,567	\$ 8,175,324	\$8,090,338	\$ 8,046,009



Plan Year Ending 3/31	2025	2026	2027	2028	2029	2030	2031	2032	2033
Actives	1,197,598	1,321,553	1,453,453	1,570,622	1,684,613	1,803,756	1,915,653	2,023,434	2,121,154
New Entrants	241	449	759	1,386	2,162	39,018	64,346	94,575	120,837
Term Vesteds	788,844	910,020	1,007,949	1,136,096	1,206,027	1,302,324	1,398,677	1,463,021	1,503,827
Retirees	5,359,335	5,125,060	4,891,703	4,659,867	4,430,156	4,203,160	3,979,454	3,759,583	3,544,061
Beneficiaries	610,791	568,577	527,886	488,842	451,558	416,116	382,565	350,931	321,197
Total	\$7,956,809	\$7,925,659	\$7,881,750	\$7,856,813	\$7,774,516	\$7,764,374	\$7,740,695	\$7,691,544	\$7,611,076



Plan Year Ending 3/31	2034	2035	2036	2037	2038	2039	2040	2041	<u>2042</u>
Actives	2,212,549	2,298,984	2,390,859	2,436,645	2,491,452	2,523,244	2,568,493	2,583,233	2,583,819
New Entrants	153,470	193,542	233,343	274,869	342,692	409,802	486,302	556,650	624,644
Term Vesteds	1,529,846	1,571,613	1,625,709	1,674,733	1,689,050	1,720,010	1,739,970	1,771,024	1,786,820
Retirees	3,333,373	3,127,931	2,928,092	2,734,134	2,546,288	2,364,773	2,189,810	2,021,622	1,860,445
Beneficiaries	293,341	267,305	243,031	220,440	199,460	180,010	162,002	145,356	130,000
Total	\$7,522,579	\$7,459,375	\$7,421,034	\$7,340,821	\$7,268,942	\$7,197,839	\$7,146,577	\$7,077,885	\$6,985,728



Plan Year Ending 3/31	2043	2044	2045	2046	2047	2048	2049
Actives	2,603,307	2,599,001	2,597,342	2,563,664	2,554,453	2,514,238	2,488,051
New Entrants	698,053	770,968	846,452	917,994	991,724	1,093,647	1,186,601
Term Vesteds	1,773,956	1,784,650	1,773,345	1,755,180	1,740,173	1,702,271	1,662,405
Retirees	1,706,503	1,559,961	1,420,909	1,289,418	1,165,476	1,049,035	940,038
Beneficiaries	115,865	102,898	91,049	80,265	70,510	61,729	53,875
Total	\$6,897,684	\$6,817,478	\$6,729,097	\$6,606,521	\$6,522,336	\$6,420,920	\$6,330,970

