

**The New York State Teamsters Conference Pension and Retirement Fund  
Application for Suspension of Benefits under MPRA**

**EXHIBIT 8**

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# The New York State Teamsters Conference Pension and Retirement Fund

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Information Required by Section 4.03 of  
Revenue Procedure 2016-27 for Benefit  
Suspensions Effective October 1, 2017

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May 15, 2017



# Actuarial Statement

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This report provides the information required by Section 4.03 of Revenue Procedure 2016-27: Application Procedures for Approval of Benefit Suspensions for Certain Multiemployer Defined Benefit Pension Plans under § 432(e)(9). This information is applicable to the New York State Teamsters Conference Pension and Retirement Fund (the “Plan”) assuming an effective date for benefit suspensions as of October 1, 2017.

Under Section 432(e)(9) of the Internal Revenue Code (“Code”), the plan sponsor of a multiemployer defined benefit pension plan in critical and declining status may submit to the Secretary of the Treasury a proposal to suspend benefits in certain situations. The Plan was certified as being in critical and declining status for the 2017 Plan Year. The results of this certification are detailed in a separate report sent to the Board of Trustees on March 31, 2017.

In preparing this report including information required by Section 4.03 of Revenue Procedure 2016-27, we have relied upon information and data provided to us by the Board of Trustees of the Plan, the Plan administrator, and other persons or organizations designated by the Board of Trustees. We did not perform an audit of the financial and participant census data provided to us, but we have reviewed the data for reasonableness for the purpose of the measurement. We have relied on all of the information, including plan provisions and asset information, as complete and accurate.

Note that this report includes only the actuarial information required by Section 4.03 of Revenue Procedure 2016-27. There may be additional information required in the application that will be compiled by the Plan administrator and/or other persons or organizations designated by the Board of Trustees.

In our opinion, all methods, assumptions and calculations used in this report are in accordance with requirements of the Code and the Employee Retirement Income Security Act of 1974 (“ERISA”), as amended by the Pension Protection Act of 2006 (“PPA”), the Pension Relief Act of 2010 (“PRA 2010”), and the Multiemployer Pension Reform Act of 2014 (“MPRA”). Further, in our opinion, the procedures followed and presentation of results are in conformity with generally accepted actuarial principles and practices.

This report is based on actuarial calculations that require assumptions about future events. We believe that the assumptions and methods used in this report are reasonable and appropriate for the purposes for which they have been used. However, other assumptions and methods could also be reasonable and could result in materially different results. The Board of Trustees also provided information regarding the levels of projected industry activity and future contribution levels, which was used in performing the actuarial projections required for this report.

The undersigned consultants of Horizon Actuarial Services, LLC with actuarial credentials meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein. There is no relationship between the Board of Trustees of the Plan and Horizon Actuarial Services, LLC that affects our objectivity.

Redacted by the U.S. Department of the Treasury

Stanley T. Goldfarb, FSA, EA, MAAA  
Actuary and Managing Consultant

Redacted by the U.S. Department of the Treasury

James M. Locey, EA, MAAA  
Consulting Actuary

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## Revenue Procedure 2016-27 Section 4.03: Demonstration that Proposed Suspension Satisfies the Statutory Requirements

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### Demonstration that the proposed suspension is reasonably estimated to not materially exceed the level necessary to avoid insolvency

Under Section 4.03 of Revenue Procedure 2016-27, the application must include a demonstration that, in accordance with Section 432(e)(9)(D)(iv) of the Code, the proposed benefit suspension is reasonably estimated to not materially exceed the level necessary to enable the plan to avoid insolvency. For this purpose, the assumptions used must be the same as those used for the purposes of Section 4.02 of Revenue Procedure 2016-27. The demonstration must include an illustration, prepared on a deterministic basis, of the Plan's available resources and solvency ratio as described in Section 4.02(1) of Revenue Procedure 2016-27 (and if applicable to the Plan, an illustration of the probability that the Plan will avoid insolvency prepared using stochastic projections, as described in Section 4.02(2) of Revenue Procedure 2016-27) showing that the proposed suspension would not reasonably be estimated to enable the plan to avoid insolvency if the dollar amount of the proposed suspension for each participant and beneficiary were reduced (but not below zero) by the greater of:

1. Five percent of the reduction in the periodic payment proposed for that participant or beneficiary; or
2. Two percent of the participant's or beneficiary's periodic payment determined without regard to the reduction proposed in the application.

*On the following pages, we have included:*

- *A plan-year-by-plan-year deterministic projection of the available resources as defined in Section 418E(b)(3) of the Code and the benefits under the Plan.*
- *A stochastic projection with 5,000 simulations of investment returns over the extended period.*

*The deterministic projection is based on the same assumptions as the projection under Section 4.02(1) of Revenue Procedure 2016-27 but is based on proposed suspension amounts that are reduced (as described above) from the suspensions proposed in this report. Note that the results of the deterministic projection show that the Plan, with the reduced proposed benefit suspensions, is not estimated to avoid insolvency. Specifically:*

- *The Plan is projected to become insolvent during the Plan Year ending December 31, 2049.*

*The stochastic projection includes the same detail and is based on the same assumptions as the projection under Section 4.02(2) of Revenue Procedure 2016-27 but is based on proposed suspension amounts that are reduced (as described above) from the suspensions proposed in this report.*

*Because the Plan, with suspension amounts reduced (as described above) from the suspensions proposed in this report, is not projected to meet the requirements of Sections 4.02(1) and 4.02(2) of Revenue Procedure 2016-27, the requirements under Section 4.03 of Revenue Procedure 2016-27 are met.*

# Revenue Procedure 2016-27 Section 4.03: Demonstration that Proposed Suspension Satisfies the Statutory Requirements

## Plan-year-by-plan-year projection of the available resources:

### Revenue Procedure 2016-27, Section 4.03: The Proposed Benefit Suspension is Reasonably Estimated to Not Materially Exceed the Level Necessary to Avoid Insolvency Deterministic Projection

Assumed Investment Return	See Assumptions	Proposed Benefit Suspensions:	
Effective Date of Proposed Benefit Suspension	10/1/2017	Active Participants	18.0%
Expiration of Proposed Benefit Suspension	N/A	Non-active Participants	29.0%

Note: The suspensions above are reduced by max of 5% of suspension amount and 2% of benefit prior to suspension

	Plan Year	Beginning Market Value	Employer Contributions	Withdrawal Liability Payments	Benefit Payments	Administrative Expenses	Net Investment Return	Ending Market Value of Assets	Actuarial Accrued Liability	Funded Percentage	Available Resources	Solvency Ratio
CY	12/31/2017	1,202,655,086	123,070,258	9,586,913	(278,893,942)	(9,853,710)	126,496,217	1,173,060,822	3,378,122,092	35.60%	1,451,954,764	5.206
1	12/31/2018	1,173,060,822	126,858,857	9,570,693	(243,097,735)	(7,136,955)	81,926,016	1,141,181,699	2,761,500,753	42.48%	1,384,279,434	5.694
2	12/31/2019	1,141,181,699	130,719,066	9,497,851	(245,518,646)	(7,235,993)	78,981,655	1,107,625,632	2,757,156,501	41.39%	1,353,144,278	5.511
3	12/31/2020	1,107,625,632	134,556,012	9,497,851	(247,890,878)	(6,815,865)	75,870,772	1,072,843,524	2,749,625,369	40.28%	1,320,734,402	5.328
4	12/31/2021	1,072,843,524	138,158,433	9,497,851	(250,694,318)	(6,918,030)	72,675,596	1,035,563,056	2,738,444,115	39.18%	1,286,257,374	5.131
5	12/31/2022	1,035,563,056	141,466,836	9,497,851	(253,220,080)	(7,022,280)	69,253,250	995,538,633	2,722,820,714	38.03%	1,248,758,713	4.932
6	12/31/2023	995,538,633	144,824,740	9,497,851	(255,236,230)	(7,127,573)	65,623,807	953,121,229	2,702,665,095	36.84%	1,208,357,459	4.734
7	12/31/2024	953,121,229	148,376,864	9,497,851	(257,071,199)	(7,234,950)	62,093,480	908,783,275	2,678,190,066	35.59%	1,165,854,474	4.535
8	12/31/2025	908,783,275	152,024,878	9,497,851	(258,572,648)	(7,343,370)	58,676,184	863,066,170	2,649,254,083	34.30%	1,121,638,818	4.338
9	12/31/2026	863,066,170	155,773,714	9,497,851	(259,562,633)	(7,453,875)	55,391,610	816,712,837	2,615,797,759	32.99%	1,076,275,470	4.146
10	12/31/2027	816,712,837	159,643,163	9,497,851	(260,008,849)	(7,565,423)	59,634,455	777,914,034	2,578,059,604	31.68%	1,037,922,883	3.992
11	12/31/2028	777,914,034	163,658,474	9,497,851	(259,736,799)	(7,679,055)	56,635,781	740,290,286	2,536,378,685	30.67%	1,000,027,085	3.850
12	12/31/2029	740,290,286	167,800,651	9,475,797	(259,106,216)	(7,793,730)	53,830,039	704,496,826	2,491,296,807	29.72%	963,603,042	3.719
13	12/31/2030	704,496,826	169,935,486	9,425,111	(257,674,603)	(7,910,490)	51,058,889	669,331,219	2,442,970,270	28.84%	927,005,822	3.598
14	12/31/2031	669,331,219	169,217,536	9,251,903	(255,857,657)	(8,029,335)	48,312,590	632,226,257	2,391,880,853	27.98%	888,083,914	3.471
15	12/31/2032	632,226,257	168,551,422	8,949,319	(253,410,736)	(8,150,265)	45,504,121	593,670,118	2,338,247,585	27.04%	847,080,854	3.343
16	12/31/2033	593,670,118	167,880,805	8,949,319	(250,344,816)	(8,272,238)	42,563,802	554,446,991	2,282,515,347	26.01%	804,791,807	3.215
17	12/31/2034	554,446,991	167,210,785	4,474,660	(246,497,559)	(8,396,295)	39,437,610	510,676,191	2,225,201,320	24.92%	757,173,750	3.072
18	12/31/2035	510,676,191	166,608,308	-	(242,429,826)	(8,522,438)	36,027,974	462,360,210	2,167,065,602	23.57%	704,790,036	2.907
19	12/31/2036	462,360,210	166,038,848	-	(237,674,501)	(8,650,665)	32,426,270	414,500,162	2,108,274,139	21.93%	652,174,663	2.744
20	12/31/2037	414,500,162	165,458,003	-	(232,603,274)	(8,779,935)	28,918,085	367,493,041	2,049,537,887	20.22%	600,096,315	2.580
21	12/31/2038	367,493,041	164,915,115	-	(227,166,052)	(8,911,290)	25,490,836	321,821,650	1,991,202,545	18.46%	548,987,702	2.417
22	12/31/2039	321,821,650	164,399,566	-	(221,454,803)	(9,044,730)	22,148,787	277,870,470	1,933,703,002	16.64%	499,325,273	2.255
23	12/31/2040	277,870,470	163,847,735	-	(215,580,116)	(9,180,255)	18,976,665	235,934,499	1,877,426,828	14.80%	451,514,615	2.094
24	12/31/2041	235,934,499	163,284,176	-	(209,192,890)	(9,317,865)	15,978,237	196,686,157	1,822,645,300	12.94%	405,879,047	1.940
25	12/31/2042	196,686,157	162,741,778	-	(203,231,676)	(9,457,560)	13,170,343	159,909,042	1,770,058,393	11.11%	363,140,718	1.787
26	12/31/2043	159,909,042	162,254,844	-	(197,114,384)	(9,599,340)	10,560,025	126,010,187	1,719,410,592	9.30%	323,124,571	1.639
27	12/31/2044	126,010,187	161,762,831	-	(190,748,864)	(9,743,205)	8,169,051	95,450,000	1,671,059,612	7.54%	286,198,864	1.500
28	12/31/2045	95,450,000	161,273,104	-	(184,647,453)	(9,889,155)	6,037,478	68,223,974	1,625,468,962	5.87%	252,871,427	1.369
29	12/31/2046	68,223,974	160,805,268	-	(178,525,118)	(10,037,190)	4,162,862	44,629,796	1,582,615,197	4.31%	223,154,914	1.250
30	12/31/2047	44,629,796	160,359,940	-	(173,130,655)	(10,187,310)	2,539,350	24,211,121	1,542,772,884	2.89%	197,341,776	1.140
31	12/31/2048	24,211,121	159,894,304	-	(167,830,532)	(10,340,558)	1,154,571	7,088,906	1,505,329,231	1.61%	174,919,438	1.042
32	12/31/2049	7,088,906	159,415,154	-	(162,723,439)	(10,495,890)	14,310	INSOLVENT	1,470,327,779	0.48%	156,022,480	0.959

"CY" = current plan year

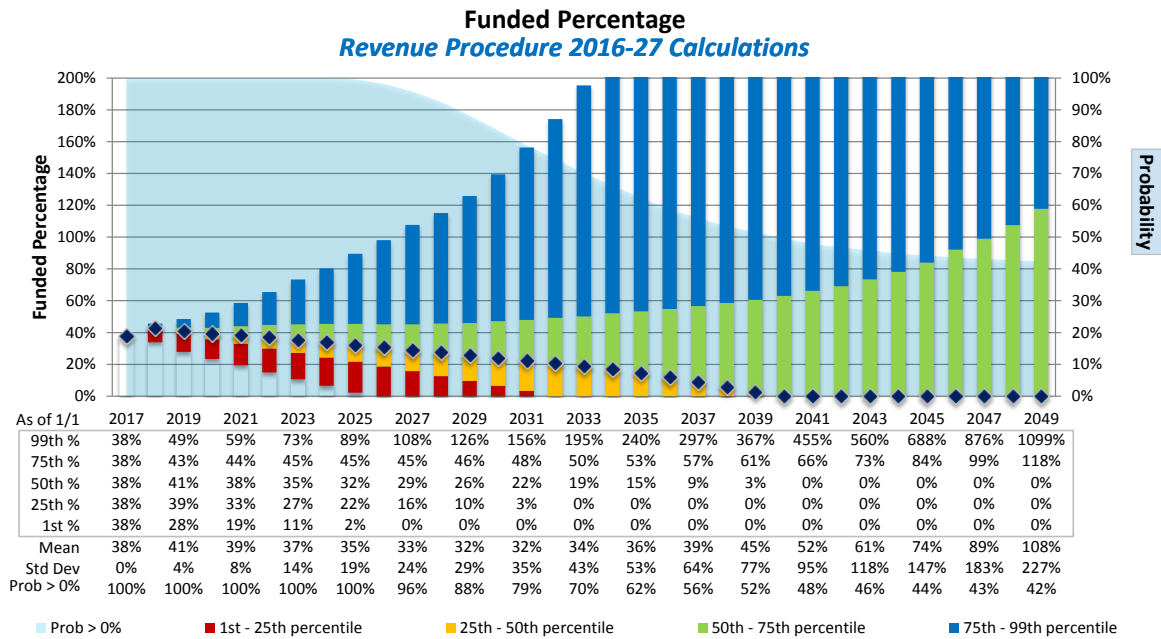
# Revenue Procedure 2016-27 Section 4.03: Demonstration that Proposed Suspension Satisfies the Statutory Requirements

Stochastic Projection:

*In the following exhibit, we have included a stochastic projection with 5,000 simulations of investment returns over the extended period.*

Stochastic Illustration:

The stochastic projection below is based on the assumptions, as described in Appendix B of the report for the information required under Section 4.02 of Revenue Procedure 2016-27:



The probability of avoiding insolvency throughout the extended period is 42%.