City of Hollywood Employees' Retirement Fund

Chapter 112.664, F.S. Compliance Report

In Connection with the October 1, 2021 Funding Actuarial Valuation Report And the Plan's Financial Reporting for the Year Ending September 30, 2021





August 1, 2022

Board of Trustees City of Hollywood Employees' Retirement Fund Hollywood, Florida

Dear Members of the Board:

Gabriel, Roeder, Smith & Company (GRS) has been engaged by the City of Hollywood (City) Employees' Retirement Fund (Retirement Fund or Plan) to prepare a disclosure report to satisfy the requirements set forth in Ch. 112.664, F.S. and as further required pursuant to Ch. 60T-1.0035, F.A.C.

This report was prepared at the request of the Board and is intended for use by the Plan and those designated or approved by the Board. This report may be provided to parties other than the Plan only in its entirety and only with the permission of the Board. GRS is not responsible for unauthorized use of this report.

The purpose of the report is to provide the required information specified in Ch. 112.664, F.S. as well as supplement this information with additional exhibits. This report should not be relied on for any purpose other than the purpose described above.

The findings in this report are based on data and other information through October 1, 2021. This report was based upon information furnished by the Plan Administrator and the City concerning plan benefits, financial transactions, plan provisions and active members, terminated members, retirees and beneficiaries. We checked for internal and year-to-year consistency, but did not audit the data. We are not responsible for the accuracy or completeness of the information provided by the Plan Administrator and the City.

Except as otherwise indicated as required for the disclosures contained herein, this report was prepared using certain assumptions approved by the Board as authorized under and prescribed by the Florida Statutes, as described in our October 1, 2021 actuarial valuation report, and the GASB Statement No. 67 disclosure letter for the fiscal year ending September 30, 2021. This report is also based on the plan provisions, census data, and financial information as summarized in our October 1, 2021 actuarial valuation report and the September 30, 2021 GASB Statement No. 67 disclosure letter. Please refer to the October 1, 2021 actuarial valuation report, dated June 23, 2022, and the GASB Statement No. 67 disclosure letter, dated February 16, 2022, for summaries and descriptions of this information.

The use of an investment return assumption that is 2% higher than the investment return assumption used to determine the funding requirements does not represent an estimate of future Plan experience nor does it reflect an observation of future return estimates inherent in financial market data. The use of this investment return assumption is provided as a counterpart to the Chapter 112.664, Florida Statutes requirement to utilize an investment return assumption that is 2% lower than the assumption used to determine the funding requirements. The inclusion of the additional exhibits showing the effect of using a 2% higher investment return assumption shows a more complete assessment of the range of possible results as opposed to showing a one-sided range as required by Florida Statutes.

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; changes in 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. The scope of this engagement does not include an analysis of the potential range of such measurements.

This report was prepared using our proprietary valuation model and related software which in our professional judgment has the capability to provide results that are consistent with the purposes of the valuation and has no material limitations or known weaknesses. We performed tests to ensure that the model reasonably represents that which is intended to be modeled.

This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. To the best of our knowledge, the information contained in this report is accurate and fairly presents the actuarial position of the Retirement Plan as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, with the Actuarial Standards of Practice issued by the Actuarial Standards Board, and with applicable statutes.

Jeffrey Amrose and Trisha Amrose are members of the American Academy of Actuaries. These actuaries meet the Academy's Qualification Standards to render the actuarial opinions contained herein.

The signing actuaries are independent of the plan sponsor.

With respect to the reporting standards for defined benefit retirement plans or systems contained in Section 112.664(1), F.S., the actuarial disclosures required under this section were prepared and completed by us or under our direct supervision, and we acknowledge responsibility for the results. To the best of our knowledge, the results are complete and accurate, and in our opinion, meet the requirements of Section 112.664(1), F.S. and Section 60T-1.0035, F.A.C.

Respectfully submitted,

GABRIEL, ROEDER, SMITH & COMPANY

leffrey Amrose, MAAA, FCA

Enrolled Actuary No. 20-6599

Senior Consultant & Actuary

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Consultant & Actuary



Table of Contents

<u>Title</u>		<u>Page</u>
Ch. 112.664, Florida Statu	tes Results	
Schedule of Changes in Ne	et Pension Liability	
 Using financial rep 	porting assumptions per GASB Statement No. 67	1
2. Using assumption	s prescribed in Section 112.664(1)(a), F.S.	2
3. Using assumption	s prescribed in Section 112.664(1)(b), F.S.	3
4. Using the mandat	ed mortality and funding interest rate +2%	4
Asset and Benefit Paymen	it Projections	
1. Using assumption	s from the Plan's latest actuarial valuation	5
2. Using assumption	s prescribed in Section 112.664(1)(a), F.S.	6
3. Using assumption	s prescribed in Section 112.664(1)(b), F.S.	7
4. Using the mandat	ed mortality and funding interest rate +2%	8
Actuarially Determined Co	ontribution	9



CH. 112.664, FLORIDA STATUTES

RESULTS

Schedule of Changes in the Employer's Net Pension Liability Using Financial Reporting Assumptions per GASB Statement No. 67

Fiscal year ending September 30,	2021			
1. Total Pension Liability				
a. Service Cost	\$	6,445,297		
b. Interest		43,225,655		
c. Benefit Changes		-		
d. Difference between actual & expected experience & Other		(336,198)		
e. Assumption Changes		617,488		
f. Benefit Payments		(36,207,880)		
g. Contribution Refunds		(480,993)		
h. Net Change in Total Pension Liability		13,263,369		
i. Total Pension Liability - Beginning		588,241,205		
j. Total Pension Liability - Ending	\$	601,504,574		
2. Plan Fiduciary Net Position				
a. Contributions - Employer (City) and Non-Employer (County)	\$	29,944,811		
b. Contributions - State		-		
c. Contributions - Member		3,455,693		
d. Net Investment Income		77,108,378		
e. Benefit Payments		(36,207,880)		
f. Contribution Refunds		(480,993)		
g. Administrative Expense		(800,993)		
h. Other				
i. Net Change in Plan Fiduciary Net Position		73,019,016		
j. Plan Fiduciary Net Position - Beginning		369,667,486		
k. Plan Fiduciary Net Position - Ending	\$	442,686,502		
3. Net Pension Liability / (Asset)	\$	158,818,072		
Certain Key Assumptions				
Valuation Date		10/01/2020		
Measurement Date		09/30/2021		
Investment Return Assumption		7.30%		
Mortality Table	Mort	ality Rates from		
	7/1/1	19 FRS Valuation		



Schedule of Changes in the Employer's Net Pension Liability Using Assumptions required under 112.664(1)(a), F.S.

Fiscal year ending September 30,		2021
1. Total Pension Liability		
a. Service Cost	\$	6,445,297
b. Interest		43,225,655
c. Benefit Changes		-
d. Difference between actual & expected experience & Other		(336,198)
e. Assumption Changes		617,488
f. Benefit Payments		(36,207,880)
g. Contribution Refunds		(480,993)
h. Net Change in Total Pension Liability		13,263,369
i. Total Pension Liability - Beginning		588,241,205
j. Total Pension Liability - Ending	\$	601,504,574
2. Plan Fiduciary Net Position		
a. Contributions - Employer (City) and Non-Employer (County)	\$	29,944,811
b. Contributions - State		-
c. Contributions - Member		3,455,693
d. Net Investment Income		77,108,378
e. Benefit Payments		(36,207,880)
f. Contribution Refunds		(480,993)
g. Administrative Expense		(800,993)
h. Other		-
i. Net Change in Plan Fiduciary Net Position		73,019,016
j. Plan Fiduciary Net Position - Beginning		369,667,486
k. Plan Fiduciary Net Position - Ending	\$	442,686,502
3. Net Pension Liability / (Asset)	\$	158,818,072
Certain Key Assumptions		
Valuation Date		10/01/2020
Measurement Date		09/30/2021
Investment Return Assumption		7.30%
Mortality Table	Mort	ality Rates from
	7/1/1	.9 FRS Valuation



Schedule of Changes in the Employer's Net Pension Liability Using Assumptions required under 112.664(1)(b), F.S.

Fiscal year ending September 30,		2021
1. Total Pension Liability		
a. Service Cost	\$	10,094,881
b. Interest		38,632,560
c. Benefit Changes		-
d. Difference between actual & expected experience & Other		-
e. Assumption Changes		-
f. Benefit Payments		(36,207,880)
g. Contribution Refunds		(480,993)
h. Net Change in Total Pension Liability		12,038,568
i. Total Pension Liability - Beginning		737,165,780
j. Total Pension Liability - Ending	\$	749,204,348
2. Plan Fiduciary Net Position		
a. Contributions - Employer (City) and Non-Employer (County)	\$	29,944,811
b. Contributions - State	Ą	23,344,811
c. Contributions - Member		3,455,693
d. Net Investment Income		77,108,378
		(36,207,880)
e. Benefit Payments f. Contribution Refunds		
g. Administrative Expense		(480,993)
h. Other		(800,993)
		72 010 016
i. Net Change in Plan Fiduciary Net Position		73,019,016
j. Plan Fiduciary Net Position - Beginning		369,667,486
k. Plan Fiduciary Net Position - Ending	\$	442,686,502
3. Net Pension Liability / (Asset)	\$	306,517,846
Certain Key Assumptions		
Valuation Date		10/01/2020
Measurement Date		09/30/2021
Investment Return Assumption		5.30%
Mortality Table	Mort	ality Rates from
		.9 FRS Valuation



Schedule of Changes in the Employer's Net Pension Liability Using Assumptions under 112.664(1)(b), F.S. except 2% higher investment return assumption

Fiscal year ending September 30,		2021
1. Total Pension Liability	· ·	
a. Service Cost	\$	4,551,348
b. Interest		43,922,215
c. Benefit Changes		-
d. Difference between actual & expected experience & Other		-
e. Assumption Changes		-
f. Benefit Payments		(36,207,880)
g. Contribution Refunds		(480,993)
h. Net Change in Total Pension Liability		11,784,690
i. Total Pension Liability - Beginning		486,074,965
j. Total Pension Liability - Ending	\$	497,859,655
		
2. Plan Fiduciary Net Position		
a. Contributions - Employer (City) and Non-Employer (County)	\$	29,944,811
b. Contributions - State		-
c. Contributions - Member		3,455,693
d. Net Investment Income		77,108,378
e. Benefit Payments		(36,207,880)
f. Contribution Refunds		(480,993)
g. Administrative Expense		(800,993)
h. Other		
i. Net Change in Plan Fiduciary Net Position		73,019,016
j. Plan Fiduciary Net Position - Beginning		369,667,486
k. Plan Fiduciary Net Position - Ending	\$	442,686,502
3. Net Pension Liability / (Asset)	\$	55,173,153
3. Neer chiston Elability / (Asset)	Y	33,173,133
Certain Key Assumptions		
Valuation Date		10/01/2020
Measurement Date		09/30/2021
Investment Return Assumption		9.30%
Mortality Table	Mort	ality Rates from
	7/1/1	9 FRS Valuation



Asset and Benefit Payment Projection Not Reflecting Any Contributions from the Employer, State or Employee Using Assumptions from the Latest Actuarial Valuation

Market Value of		ue of	Ехре	ected	Projec	ted Benefit	Mar	ket Value of
FYE	Assets (BC)Y)*	Investme	nt Return	Pa	yments	Ass	sets (EOY)*
2022	\$ 428,17	8,689	\$ 2	8,584,712	\$	39,651,335	\$	417,112,066
2023	417,11	.2,066	2	7,773,456		40,696,820		404,188,702
2024	404,18	8,702	2	6,836,464		41,621,281		389,403,885
2025	389,40	3,885	2	5,770,951		42,494,891		372,679,945
2026	372,67	9,945	2	4,567,175		43,440,610		353,806,510
2027	353,80	6,510	2	3,213,529		44,369,344		332,650,695
2028	332,65	0,695	2	1,700,176		45,296,359		309,054,512
2029	309,05	4,512	2	0,024,471		45,981,295		283,097,688
2030	283,09	7,688	1	.8,181,195		46,732,670		254,546,213
2031	254,54	6,213	1	.6,162,062		47,319,235		223,389,040
2032	223,38	9,040	1	3,969,491		47,649,769		189,708,762
2033	189,70	8,762	1	1,601,426		47,948,207		153,361,981
2034	153,36	1,981		9,054,980		48,010,235		114,406,726
2035	114,40	6,726		6,329,359		47,974,633		72,761,452
2036	72,76	1,452		3,419,081		47,834,881		28,345,652
2037	28,34	5,652		318,912		47,579,520		-
2038		-		-		47,192,412		-
2039		-		-		46,634,453		-
2040		-		-		46,013,503		-
2041		-		-		45,280,713		-
2042		-		-		44,474,662		-
2043		-		-		43,612,960		-
2044		-		-		42,623,725		-
2045		=		-		41,578,955		-
2046		-		-		40,448,037		-
2047		-		-		39,207,740		-

^{*}Net of DROP Accounts and Supplemental Pension Distribution

Number of years for which current market value of assets are adequate to sustain the payment of expected retirement benefits, <u>reflecting no contributions from the Employer</u>, <u>Employee</u> or State, contrary to Florida Statutes and Plan provisions:

15.58

Certain Key Assumptions

Investment Return Assumption 7.00% Mortality Table Mortality Rates from 7/1/20 FRS Valuation

Note: As required in Section 112.664(1)(c) of the Florida Statutes, the projection of the Fund assets <u>does</u> <u>not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions</u>. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the Employer, Employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.



Asset and Benefit Payment Projection Not Reflecting Any Contributions from the Employer, State or Employee Using Assumptions required under 112.664(1)(a), F.S.

Market Value of		•		Pro	jected Benefit		Market Value of	
FYE	Assets (BO	-		ent Return		Payments		ssets (EOY)*
2022	\$ 428,17	8,689	\$	28,584,712	\$	39,651,335	\$	417,112,066
2023	417,11	2,066		27,773,456		40,696,820	l	404,188,702
2024	404,18	8,702		26,836,464		41,621,281		389,403,885
2025	389,40	3,885		25,770,951		42,494,891		372,679,945
2026	372,67	9,945		24,567,175		43,440,610)	353,806,510
2027	353,80	6,510		23,213,529		44,369,344	•	332,650,695
2028	332,65	0,695		21,700,176		45,296,359)	309,054,512
2029	309,05	4,512		20,024,471		45,981,295	I	283,097,688
2030	283,09	7,688		18,181,195		46,732,670	1	254,546,213
2031	254,54	6,213		16,162,062		47,319,235	I	223,389,040
2032	223,38	9,040		13,969,491		47,649,769)	189,708,762
2033	189,70	8,762		11,601,426		47,948,207	•	153,361,981
2034	153,36	1,981		9,054,980		48,010,235		114,406,726
2035	114,40	6,726		6,329,359		47,974,633		72,761,452
2036	72,76	1,452		3,419,081		47,834,881		28,345,652
2037	28,34	5,652		318,912		47,579,520)	-
2038		-		=		47,192,412		-
2039		-		=		46,634,453		-
2040		=		-		46,013,503		-
2041		-		=		45,280,713		-
2042		-		=		44,474,662		-
2043		-		=		43,612,960)	-
2044		-		=		42,623,725		-
2045		-		=		41,578,955		-
2046		-		-		40,448,037	•	-
2047		-		-		39,207,740)	-

^{*}Net of DROP Accounts and Supplemental Pension Distribution

Number of years for which current market value of assets are adequate to sustain the payment of expected retirement benefits, reflecting no contributions from the Employer, Employee or State, contrary to Florida Statutes and Plan provisions:

15.58

Certain Key Assumptions

Investment Return Assumption Mortality Table

7.00% Mortality Rates from 7/1/20 FRS Valuation

Note: As required in Section 112.664(1)(c) of the Florida Statutes, the projection of the Fund assets does

not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the Employer, Employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.



Asset and Benefit Payment Projection Not Reflecting Any Contributions from the Employer, State or Employee Using Assumptions required under 112.664(1)(b), F.S.

Market Value of			Expected	Pro	ojected Benefit	Ma	rket Value of	
FYE	Asse	ets (BOY)*	Inve	stment Return		Payments	A	ssets (EOY)*
2022	\$	428,178,689	\$	20,417,651	\$	39,651,335	\$	408,945,005
2023		408,945,005		19,429,830		40,696,820		387,678,015
2024		387,678,015		18,343,369		41,621,281		364,400,103
2025		364,400,103		17,157,633		42,494,891		339,062,845
2026		339,062,845		15,867,127		43,440,610		311,489,362
2027		311,489,362		14,465,235		44,369,344		281,585,253
2028		281,585,253		12,946,854		45,296,359		249,235,748
2029		249,235,748		11,312,255		45,981,295		214,566,708
2030		214,566,708		9,560,019		46,732,670		177,394,057
2031		177,394,057		7,686,722		47,319,235		137,761,544
2032		137,761,544		5,696,833		47,649,769		95,808,608
2033		95,808,608		3,591,725		47,948,207		51,452,126
2034		51,452,126		1,372,350		48,010,235		4,814,241
2035		4,814,241		-		47,974,633		-
2036		-		-		47,834,881		-
2037		-		-		47,579,520		-
2038		-		-		47,192,412		-
2039		-		-		46,634,453		-
2040		-		-		46,013,503		-
2041		-		-		45,280,713		-
2042		-		-		44,474,662		-
2043		-		-		43,612,960		-
2044		-		-		42,623,725		-
2045		-		-		41,578,955		-
2046		-		-		40,448,037		-
2047		-		-		39,207,740		-

^{*}Net of DROP Accounts and Supplemental Pension Distribution

Number of years for which current market value of assets are adequate to sustain the payment of expected retirement benefits, reflecting no contributions from the **Employer, Employee or State, contrary to Florida Statutes and Plan provisions:**

13.08

5.00%

Certain Key Assumptions

Investment Return Assumption Mortality Table Mortality Rates from 7/1/20 FRS Valuation

Note: As required in Section 112.664(1)(c) of the Florida Statutes, the projection of the Fund assets does not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the Employer, Employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.



Asset and Benefit Payment Projection Not Reflecting Any Contributions from the Employer, State or Employee Using Assumptions under 112.664(1)(b), F.S. except 2% higher investment return assumption

FYE	Market Value of					Expected Investment Return		ojected Benefit Payments		Market Value of Assets (EOY)*		
2022		128,178,689	\$	36,751,772	\$	39,651,335	\$	425,279,126				
2023	•	125,279,126	*	36,443,764	7	40,696,820	*	421,026,070				
2024		121,026,070		36,019,389		41,621,281		415,424,178				
2025		115,424,178		35,475,906		42,494,891		408,405,193				
2026		108,405,193		34,801,640		43,440,610		399,766,223				
2027		399,766,223		33,982,340		44,369,344		389,379,219				
2028		389,379,219		33,005,794		45,296,359		377,088,654				
2029		377,088,654		31,868,821		45,981,295		362,976,180				
2030	3	362,976,180		30,564,886		46,732,670		346,808,396				
2031	3	346,808,396		29,083,390		47,319,235		328,572,551				
2032	3	328,572,551		27,427,290		47,649,769		308,350,072				
2033	3	308,350,072		25,593,837		47,948,207		285,995,702				
2034	2	285,995,702		23,579,153		48,010,235		261,564,620				
2035	2	261,564,620		21,381,957		47,974,633		234,971,944				
2036	2	234,971,944		18,994,905		47,834,881		206,131,968				
2037	2	206,131,968		16,410,799		47,579,520		174,963,247				
2038	1	174,963,247		13,623,034		47,192,412		141,393,869				
2039	1	141,393,869		10,626,898		46,634,453		105,386,314				
2040	1	105,386,314		7,414,161		46,013,503		66,786,972				
2041		66,786,972		3,973,195		45,280,713		25,479,454				
2042		25,479,454		291,791		44,474,662		-				
2043		-		-		43,612,960		-				
2044		-		-		42,623,725		-				
2045		-		_		41,578,955		-				
2046		-		-		40,448,037		-				
2047		-		-		39,207,740		-				

^{*}Net of DROP Accounts and Supplemental Pension Distribution

Number of years for which current market value of assets are adequate to sustain the payment of expected retirement benefits, <u>reflecting no contributions from the Employer</u>, Employee or State, contrary to Florida Statutes and Plan provisions:

20.50

Certain Key Assumptions

Investment Return Assumption

Mortality Table

9.00%

Mortality Rates from 7/1/20 FRS Valuation

Note: As required in Section 112.664(1)(c) of the Florida Statutes, the projection of the Fund assets does not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the Employer, Employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.



Actuarially Determined Contribution								
	Plan's Latest Actuarial Valuation	112.664(1)(a), F.S. Assumptions	112.664(1)(b), F.S. Assumptions	112.664(1)(b), F.S. Except 2% Higher Investment Return Assumption				
A. Valuation Date	October 1, 2021	October 1, 2021	October 1, 2021	October 1, 2021				
B. Actuarially Determined Contribution (ADC) to Be Paid During Fiscal Year Ending	September 30, 2023	September 30, 2023	September 30, 2023	September 30, 2023				
C. Assumed Dates of Employer Contributions	Biweekly	Biweekly	Biweekly	Biweekly				
D. Annual Payment to Amortize Unfunded Actuarial Accrued Liability	\$ 20,313,491	\$ 20,313,491	\$ 24,963,775	\$ 15,353,308				
E. Employer Normal Cost	4,329,102	4,329,102	8,122,809	2,132,439				
F. ADC if Paid on Valuation Date: D + E	24,642,593	24,642,593	33,086,584	17,485,747				
G. ADC Adjusted for Frequency of Payments	25,509,100	25,509,100	33,925,395	18,268,986				
H. ADC Adjusted for Frequency of Payments as % of Covered Payroll	60.84 %	60.84 %	80.91 %	43.57 %				
Assumed Rate of Increase in Covered Payroll to Contribution Year	3.50 %	3.50 %	3.50 %	3.50 %				
J. Covered Payroll for Contribution Year	43,399,091	43,399,091	43,399,091	43,399,091				
K. ADC for Contribution Year: H x J	26,404,007	26,404,007	35,114,205	18,908,984				
L. Estimated Credit for State Revenue in Contribution Year	0	0	0	0				
M. Employer ADC in Contribution Year	26,404,007	26,404,007	35,114,205	18,908,984				
N. Employer ADC as % of Covered Payroll in Contribution Year: M÷J	60.84 %	60.84 %	80.91 %	43.57 %				
O. Expected Member Contributions	3,635,054	3,635,054	3,635,054	3,635,054				
P. Total Contribution (including Members) in Contribution Year	30,039,061	30,039,061	38,749,259	22,544,038				
Q. Total Contribution as % of Covered Payroll in Contribution Year: P ÷ J	69.22 %	69.22 %	89.29 %	51.95 %				
R. Certain Key Assumptions Investment Return Assumption Mortality Table	7.00% Mortality Rates from 7/1/20 FRS Valuation	7.00% Mortality Rates from 7/1/20 FRS Valuation	5.00% Mortality Rates from 7/1/20 FRS Valuation	9.00% Mortality Rates from 7/1/20 FRS Valuation				

