## CITY OF HENDERSON, NEVADA

## DEBT MANAGEMENT POLICY

IN ACCORDANCE WITH NRS 350.013 1(C)

A Place To Call Home

JUNE 30, 2018

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**APPENDIX A - Debt Service Schedules** 

#### DEBT MANAGEMENT POLICY NRS 350.013 Subsection 1(c)

Listed below are excerpts from Nevada Law which requires local governments to submit a debt management policy:

NRS 350.013 1. Except as otherwise provided in this section, on or before August 1 of each year, the governing body of a municipality which proposes to issue or has outstanding any general obligation debt, other general obligations or special obligations, or which levies or proposes to levy any special elective tax, shall submit to the Department of Taxation and the commission:

- (c) A written statement of the debt management policy of the municipality, which must include, without limitation;
- (1) A discussion of its ability to afford existing general obligation debt, authorized future general obligation debt and proposed future general obligation debt;
- (2) A discussion of its capacity to incur authorized and proposed future general obligation debt without exceeding the applicable debt limit;
- (3) A discussion of its general obligation debt that is payable from property taxes per capita as compared with such debt of other municipalities in this State;
- (4) A discussion of its general obligation debt that is payable from property taxes as a percentage of assessed valuation of all taxable property within the boundaries of the municipality;
  - (5) Policy regarding the manner in which the municipality expects to sell its debt;
- (6) A discussion of its sources of money projected to be available to pay existing general obligation debt, authorized future general obligation debt and proposed future general obligation debt; and
- (7) A discussion of its operational costs and revenue sources, for the ensuing 5 fiscal years, associated with each project included in its plan for capital improvement submitted pursuant to paragraph (d), if those costs and revenues are expected to affect the property tax rate.

This document is intended to meet the requirements of NRS 350.013 subsection 1 (c), it is not a review of the City of Henderson's total financial position.

The City of Henderson (the "City") has a Capital Improvement Plan ("CIP") which is a multi-year planning document that identifies and prioritizes the need for a variety of public improvements and coordinates the City's financing and construction time frames. More specifically, the CIP is a process that provides order and continuity to the repair, replacement, construction or expansion of the City's capital assets. With revenue limitations in mind, the City's CIP focuses primarily on the City's more immediate needs.

#### **Summary of Debt**

#### OUTSTANDING GENERAL OBLIGATION INDEBTEDNESS <sup>1/</sup> City of Henderson, Nevada As of June 30, 2018

	Date Issued	Final Maturity	Original Amount	Outstanding
GENERAL OBLIGATION BONDS 2/				
Refunding Bonds (Taxable), Series 2011A	12/21/11	06/01/20 \$	18,245,000	\$ 7,575,000
Refunding Bonds (Tax-Exempt), Series 2011B	12/21/11	06/01/20	2,710,000	1,135,000
· · · · · · · · · · · · · · · · · · ·		TOTAL		8,710,000
GENERAL OBLIGATION REVENUE BONDS 3/				
Water Bonds (State Revolving Fund), Series 2000	09/15/00	01/01/23	5,500,000	1,767,183
Refunding Bonds (Tax Exempt), Series 2011C	12/21/11	06/01/25	13,605,000	13,605,000
Sewer Refunding Bonds, Series 2012A	07/26/12	06/01/34	72,550,000	63,125,000
Sewer Refunding Bonds, Series 2013A	04/16/13	06/01/30	19,710,000	16,685,000
Various Purpose Refunding Bonds, Series 2013B	04/16/13	06/01/35	39,955,000	39,955,000
Various Purpose Refunding Bonds, Series 2014	09/25/14	06/01/35	24,305,000	24,305,000
Water and Sewer Refunding Bonds, Series 2015	06/04/15	06/01/19	18,435,000	6,445,000
-		TOTAL		165,887,183
GENERAL OBLIGATION MEDIUM-TERM BONDS 4/				
Medium-Term Various Purpose & Refunding Bonds, Series 2016	08/30/16	08/01/26	12,700,000	12,350,000
		TOTAL	. ,	12,350,000
CENT	EDAT OBTE	G A PET ON A DA		A 40404= 408

GENERAL OBLIGATION GRAND TOTAL \$ 186,947,183

- 1/ As of June 30, 2018, the City had outstanding \$1,954,241 in installment-purchase agreements and \$1,048,039 in sewer revenue bonds
- 2/ General obligation bonds secured by the full faith, credit and taxing power of the City. The ad valorem tax available to pay these bonds is limited to the \$3.64 statutory and the \$5.00 constitutional limit.
- 3/ General obligation bonds secured by the full faith, credit and taxing power of the City. The ad valorem tax available to pay these bonds is limited to the \$3.64 statutory and the \$5.00 constitutional limit. These bonds are additionally secured by pledged revenues; if revenues are not sufficient, the City is obligated to pay the difference between such revenues and debt service requirements of the respective bonds.
- 4/ General obligation bonds secured by the full faith, credit and payable from all legally available funds of the City. The ad valorem tax available to pay these bonds is limited to the \$3.64 statutory and the \$5.00 constitutional limit as well as the City's maximum operating levy and any legally available tax overrides.

SOURCE: City of Henderson

The following table provides the fiscal year debt service requirements on the City's outstanding general obligation bonds.

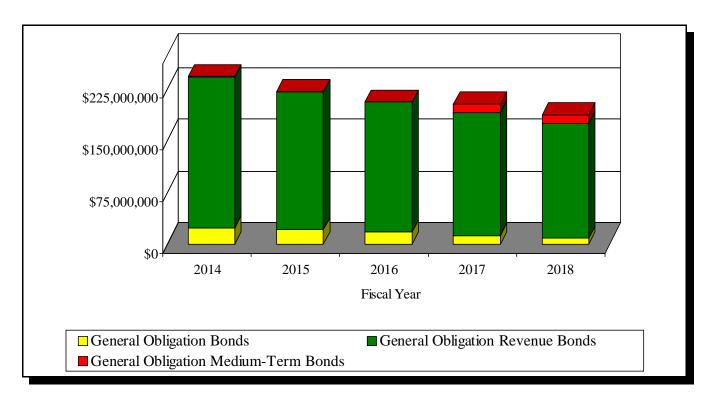
OUTSTANDING GENERAL OBLIGATION DEBT SERVICE City of Henderson, Nevada As of June 30, 2018

Fiscal Year Ending June 30	ı	General Obligation Bonds	General Obligation Revenue Bonds		General Obligation Medium-Term Bonds		Total
-010						.=	
2019	\$	4,556,458	\$	17,547,712	\$	971,550	\$ 23,075,720
2020		4,553,210		12,563,962		2,320,125	19,437,297
2021		0		15,082,562		2,383,000	17,465,562
2022		0		15,082,887		2,443,000	17,525,887
2023		0		15,072,837		2,504,750	17,577,587
2024		0		14,683,563 2,572,625		17,256,188	
2025		0		14,683,694		549,625	15,233,319
2026		0		13,596,531		549,750	14,146,281
2027		0		13,576,281		553,500	14,129,781
2028		0		13,664,531		0	13,664,531
2029		0		13,664,781		0	13,664,781
2030		0		13,644,938		0	13,644,938
2031		0		13,699,550		0	13,699,550
2032		0		13,697,550		0	13,697,550
2033		0		13,708,550 0		13,708,550	
2034		0		13,684,950 0		13,684,950	
2035		0		6,667,500		0	 6,667,500
TOTAL	\$	9,109,668	\$	234,322,380	\$	14,847,925	\$ 258,279,973

SOURCE: City of Henderson, Nevada

The following chart illustrates the amount of general obligation bonds, as well as categories of bonds, outstanding as of June 30 for the past 5 years.

OUTSTANDING GENERAL OBLIGATION DEBT City of Henderson, Nevada

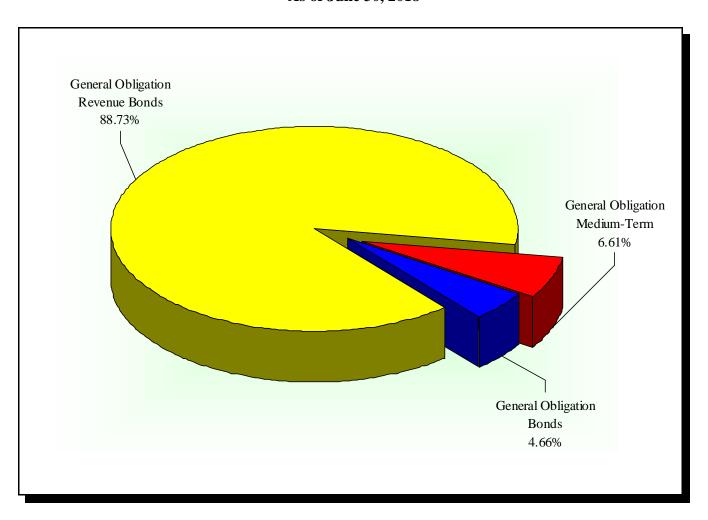


	Fiscal Year Ending June 30 1/										
Category of Bonds		2014		2015		2016		2017		2018	
General Obligation Bonds	\$	22,955,000	\$	20,955,000	\$	16,960,000	\$	12,885,000	\$	8,710,000	
G. O. Revenue Bonds		218,382,021		199,840,829		188,499,288		177,443,861		165,887,183	
G. O. Medium-Term Bonds		1,076,000	_	478,000	_	244,000	_	12,700,000	_	12,350,000	
TOTAL	\$	242,413,021	\$	221,273,829	\$	205,703,288	\$	203,028,861	\$	186,947,183	

<sup>1/</sup> Excludes installment-purchase agreements.

The following chart illustrates the current allocation of the City's outstanding debt.

#### COMPOSITION OF OUTSTANDING DEBT City of Henderson, Nevada As of June 30, 2018



#### **Affordability of Debt**

#### Response to NRS 350.013 1(c):

- (1) A discussion of its ability to afford existing general obligation debt, authorized future general obligation debt and proposed future general obligation debt; and
- (6) A discussion of its sources of money projected to be available to pay existing general obligation debt, authorized future general obligation debt and proposed future general obligation debt

#### **General Obligation Bond Indebtedness**

The City has authority pursuant to Nevada state statutes and its City Charter to issue general obligation bonds. Ad valorem bonds constitute direct and general obligations of the City, and the full faith and credit of the City is pledged for the payment of principal and interest, subject to Nevada constitutional and statutory limitations on the aggregate amount of ad valorem taxes.

In any year in which the total property taxes levied within the City by all applicable taxing units (e.g. the State of Nevada, Clark County, the school district, any city, or any special district) exceed such property tax limitations, the reduction to be made by those units must be in property taxes levied for purposes other than the payment of their bonded indebtedness, including interest on such indebtedness.

Nevada statutes provide that no act concerning the City's bonds or their security may be repealed, amended, or modified in such a manner as to impair adversely the bonds or their security until all of the bonds have been discharged in full or provision for their payment and redemption has been fully made.

#### **General Obligation Bonds**

### Existing General Obligation Bond Indebtedness Paid from Ad Valorem Taxes ("General Obligation Bonds")

#### Authorized and Proposed Future Ad Valorem Supported Bonds

Currently, the City does not have plans to issue additional General Obligations Bonds. The City reserves the privilege of issuing bonds or other securities at any time legal requirements are satisfied.

#### **General Obligation Bonded Indebtedness**

The following table sets forth the City's outstanding general obligation bonded indebtedness paid from ad valorem taxes as of June 30, 2018.

## OUTSTANDING GENERAL OBLIGATION INDEBTEDNESS PAID FROM AD VALOREM TAXES City of Henderson, Nevada As of June 30, 2018

	Date Issued	Final Maturity	Original Amount	Outstanding
GENERAL OBLIGATION BONDS  Refunding Bonds (Taxable), Series 2011A	12/21/11	06/01/20	\$ 18,245,000 \$	7,575,000
Refunding Bonds (Tax-Exempt), Series 2011B	12/21/11	06/01/20	2,710,000	1,135,000
TOTAL			\$	8,710,000

<sup>1/</sup> General Obligation Bonds secured by the full faith, credit and taxing power of the City. The advalorem tax available to pay these bonds is limited to the \$3.64 statutory and the \$5.00 constitutional limit.

SOURCE: City of Henderson, Nevada

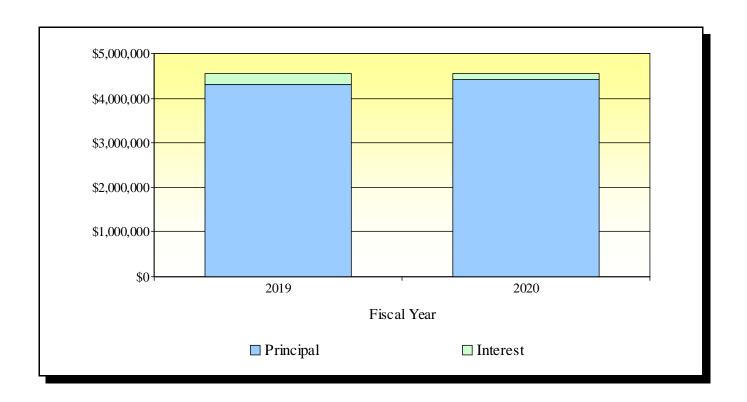
#### General Obligation Debt Service Requirements And Impact on Tax Rate

The following table and chart illustrate the fiscal year debt service requirements on the City's outstanding General Obligation Bonds paid from ad valorem taxes.

OUTSTANDING
GENERAL OBLIGATION DEBT SERVICE
PAID FROM AD VALOREM TAXES
City of Henderson, Nevada
As of June 30, 2018

Fiscal Year Ending June 30	Principal	Interest	Total
2019 2020	\$ 4,295,000 4,415,000	\$ 261,458 138,210	\$ 4,556,458 4,553,210
	\$ 8,710,000	\$ 399,668	\$ 9,109,668

SOURCE: City of Henderson, Nevada



The following table illustrates the tax rate required to retire the City's outstanding General Obligation Bonds paid from ad valorem taxes. This table also includes the estimated proceeds of a \$0.1200 tax rate for operation and maintenance of park facilities.

#### GENERAL OBLIGATION BONDS TAX RATE REQUIREMENTS City of Henderson, Nevada

Fiscal Year Ending June 30	Assessed Value (A)	Existing Debt Service (B)	Debt Service Fund Adjustments <sup>1/4/</sup> (C)	Total Requirements (D=B+C)	Estimated Tax Override Revenues <sup>2/</sup> (E)	Estimated Debt Tax Rate Revenues 3/ (F)	Tax Revenues <sup>4/</sup> (G=E+F)
2019	\$12,877,563,596	\$4,556,458	(\$437,657)	\$4,118,801	\$12,169,776	\$4,310,129	\$16,479,905

- 1/ Includes adjustments to the fund balance in the Debt Service Fund.
- 2/ Tax override rate of \$0.1200 allocated to the operation and maintenance of park facilities.
- 3/ Represents revenues generated by a debt rate of \$0.0425. Net of abatement.
- 4/ Net of abatement. Source: Fiscal year 2019 Final Budget.

SOURCE: City of Henderson, Nevada

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#### **General Obligation Medium-Term Bonds**

### Existing General Obligation Bond Indebtedness Paid from General Fund Revenues ("Medium-Term Bonds")

The Medium-Term Bonds constitute direct and general obligations of the City, and the full faith and credit of the City is pledged for the payment of principal and interest, subject to Nevada constitutional and statutory limitations regarding the City's operating ad valorem levy. The ad valorem tax levy available to pay the Medium-Term Bonds is limited to the City's maximum operating levy. The City's operating levy for fiscal year 2019 is \$0.5483 which includes \$0.2310 in voter approved overrides. The ad valorem tax rate available to pay the bonds is further limited by the limitation on the combined overlapping tax rate of \$3.64 per \$100 of assessed valuation. The Medium-Term Bonds are a debt of the City and the City shall pledge all legally available funds of the City for their payment.

Provision for the payment of principal and interest requirements on the Medium-Term Bonds is as provided in NRS 350.093 through 350.095. Nevada statutes provide that no act concerning the Medium-Term Bonds or their security may be repealed, amended, or modified in such a manner as to impair materially and adversely the Medium-Term Bonds or their security until all of the Medium-Term Bonds have been discharged in full or provision for their payment has been fully made.

#### Authorized and Proposed Future Medium-Term Bonds

Currently, the City does not have plans to issue additional medium-term general obligation bonds. The City reserves the privilege of issuing bonds or other securities at any time legal requirements are satisfied.

#### **Medium-Term Bonded Indebtedness**

The following table sets forth the City's outstanding General Obligation Medium-Term Bonds.

## OUTSTANDING GENERAL OBLIGATION MEDIUM-TERM INDEBTEDNESS City of Henderson, Nevada As of June 30, 2018

	Issued	Final Maturity	Original Amount	Outstanding
GENERAL OBLIGATION MEDIUM-TERM BONDS				
Medium-Term Various Purpose & Refunding Bonds, Series 2016	08/30/16	08/01/26	\$12,700,000	\$ 12,350,000

SOURCE: City of Henderson, Nevada

#### Medium-Term Debt Service Requirements

The following table illustrates the fiscal year debt service requirements on the City's outstanding General Obligation Medium-Term Bonds.

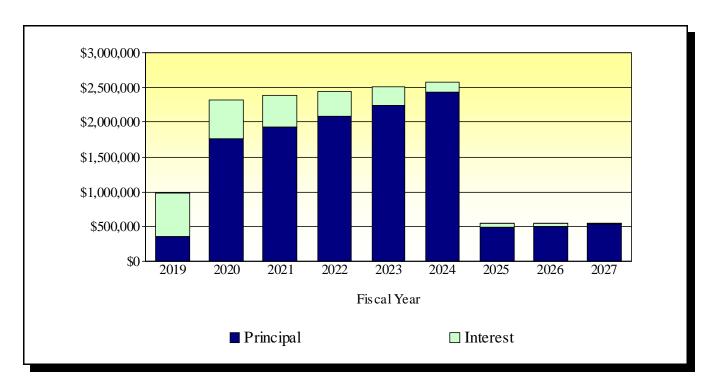
#### OUTSTANDING DEBT SERVICE GENERAL OBLIGATION MEDIUM-TERM BONDS City of Henderson, Nevada As of June 30, 2018

Fiscal Year Ending June 30		Principal		Principal Interest				Total
2019	\$	365,000		\$	606,550		\$ 971,550	
2020		1,765,000			555,125		2,320,125	
2021		1,920,000			463,000		2,383,000	
2022		2,080,000			363,000		2,443,000	
2023		2,250,000			254,750		2,504,750	
2024		2,435,000			137,625		2,572,625	
2025		485,000			64,625		549,625	
2026		510,000			39,750		549,750	
2027		540,000			13,500		553,500	
TOTAL	\$	12,350,000	1)	\$	2,497,925	•	\$ 14,847,925	

SOURCE: City of Henderson, Nevada

The following chart illustrates the fiscal year debt service requirements on the City's outstanding General Obligation Medium-Term Bonds.

#### OUTSTANDING DEBT SERVICE GENERAL OBLIGATION MEDIUM-TERM BONDS City of Henderson, Nevada As of June 30, 2018



#### Ad Valorem Tax Rate Impact

Principal and interest on the Medium-Term Bonds are payable from General Fund operating revenues. The following table illustrates the sufficiency of General Fund Revenues at existing levels to pay debt service on the Medium-Term Bonds.

## CITY OF HENDERSON GENERAL FUND SUMMARY OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

Fiscal Year Ending June 30	2014 (Actual)	2015 (Actual)	2016 (Actual)	2017 (Actual)	2018 (Estimated)	2019 (Budgeted)
Ending June 50	(Actual)	(Actual)	(Actual)	(Actual)	(Estimated)	(Duagetea)
REVENUES						
Property Taxes	\$ 54,993,388	\$ 56,905,962	\$ 58,704,114	\$ 60,270,195	\$ 62,976,740	\$ 67,216,691
Franchise Fees	31,481,739	32,677,892	32,656,108	32,323,065	32,461,000	33,700,217
Licenses & Permits	8,079,773	9,469,188	9,536,717	10,194,059	11,624,750	11,841,750
Intergovernmental	3,570,976	3,719,525	3,937,558	4,152,476	5,205,799	5,209,675
Consolidated Tax	88,013,859	94,093,208	97,764,145	103,694,983	109,736,729	116,046,442
Charges for Services	23,064,070	28,365,652	30,835,680	29,865,473	29,644,785	29,932,830
Fines & Forfeits	4,353,572	4,308,262	4,836,051	4,923,361	4,624,982	4,525,965
Miscellaneous	678,957	1,534,537	1,809,551	2,204,734	1,632,962	1,485,925
TOTAL REVENUES	214,236,334	231,074,226	240,079,924	247,628,346	257,907,747	269,959,495
EXPENDITURES						
General Government	37,202,718	39,061,394	40,739,650	41,719,551	47,115,281	51,014,183
Judicial	11,290,399	11,461,622	11,813,062	12,133,742	11,084,677	11,458,789
Public Safety	118,596,507	122,523,122	130,677,127	135,715,215	147,650,152	154,197,745
Public Works	6,396,438	6,781,537	8,388,692	8,676,117	9,472,423	10,134,760
Culture & Recreation	33,600,392	33,297,754	34,921,058	35,490,026	38,454,683	40,953,538
Community Support	1,512,649	1,770,944	1,534,411	1,441,914	1,683,218	1,776,497
Capital Outlay	110,030	328,452	298,473	286,577	583,297	0
TOTAL EXPENDITURES	208,709,133	 215,224,825	 228,372,473	235,463,142	256,043,731	269,535,512
Excess (Deficiency) of Revenues Over (Under) Expenditures	5,527,201	15,849,401	11,707,451	12,165,204	1,864,016	423,983
Total Other Financing Sources (Uses)	(4,604,972)	(11,359,095)	(9,556,223)	(10,654,529)	(925,000)	(1,200,000)
Net Change in Fund Balances	922,229	4,490,306	2,151,228	1,510,675	939,016	(776,017)
BEGINNING FUND BALANCE	17,328,221	18,250,450	22,740,756	24,891,984	26,402,659	27,341,675
ENDING FUND BALANCE 1/	\$ 18,250,450	\$ 22,740,756	\$ 24,891,984	\$ 26,402,659	\$ 27,341,675	\$ 26,565,658

<sup>1/</sup> Excludes funds in the Financial Stabilization Special Revenue Fund which can be used when actual revenues do not meet budgeted predictions. As of June 30, 2018, this fund is estimated to have a balance of \$21,331,713.

SOURCE: City of Henderson 2014-2017 Comprehensive Annual Financial Reports and 2019 Final Budget

#### **Existing Installment Purchase Agreements**

#### Authorized and Proposed Future Installment Purchase Agreements

Currently, the City does not have plans to issue additional installment purchase agreements. The City reserves the privilege of issuing bonds or other securities at any time legal requirements are satisfied.

#### **Installment Purchase Agreement Indebtedness**

The following table sets forth the City's outstanding Installment Purchase Agreements.

# OUTSTANDING INSTALLMENT PURCHASE AGREEMENT INDEBTEDNESS City of Henderson, Nevada As of June 30, 2018

	Date Issued	Final Maturity	Original Amount	Outstanding
INSTALLMENT PURCHASE AGREEMENTS  Energy Retrofit Installment Purchase Agreement, Series 2009 1/ Axon Installment Purchase Agreement, Series 2017 2/	03/04/09 12/26/17	02/01/19 06/30/22	\$ 17,960,000 684,108	\$ 1,361,000 593,241
TOTAL				\$ 1,954,241

<sup>1/</sup> Payable from legally available funds of the City's General Fund.

Source: City of Henderson, Nevada

<sup>2/</sup> Payable from legally available funds of the City's General Fund, Sales & Use Tax Special Revenue Fund and Capital Replacement Capital Projects Fund.

#### Installment Purchase Agreements Debt Service Requirements

The following table and chart illustrate the fiscal year debt service requirements on the City's outstanding Installment Purchase Agreements.

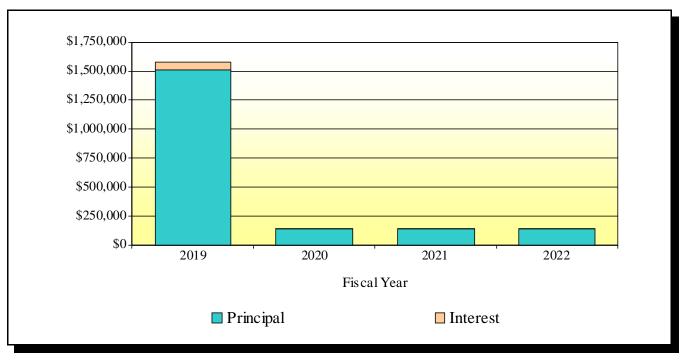
#### OUTSTANDING DEBT SERVICE INSTALLMENT PURCHASE AGREEMENTS City of Henderson, Nevada As of June 30, 2018

Fiscal Year Ending June 30	1	Principal Interest				Total				
2019	\$	1,509,310	\$	67,642	\$	1,576,952				
2020		148,310		0		148,310				
2021		148,310		0		148,310				
2022		148,310		0		148,310				
TOTAL	\$	1,954,241	\$	67,642	\$	2,021,883				

SOURCE: City of Henderson, Nevada

#### OUTSTANDING DEBT SERVICE INSTALLMENT PURCHASE AGREEMENTS

City of Henderson, Nevada As of June 30, 2018



#### General Obligation/Revenue Bonds Paid from Consolidated Tax Revenues

### Existing General Obligation Bond Indebtedness Paid from the Consolidated Tax Revenues ("Consolidated Tax Bonds")

The Consolidated Tax Bonds are general obligation bonds additionally secured with revenues derived from a 15% portion of the City's portion of the Consolidated Tax Revenues.

Pursuant to NRS 360.698, the Bonds will be additionally paid from a pledge of certain tax revenues up to 15% of the Consolidated Tax Distribution Fund allocable to the City for the payment of the principal of and interest on the Bonds. The Consolidated Tax Distribution Fund consists of local government revenues from six sources (collectively, the "Consolidated Tax Revenues"): Supplemental City/County Relief Tax ("SCCRT"), Basic City/County Relief Tax ("BCCRT"), Cigarette Tax, Liquor Tax, Governmental Services Tax ("GST"), and Real Property Transfer Tax ("RPTT"). NRS 360.698 allows for up to 15% of the combination of the Consolidated Tax Revenues to be pledged as security for debt. Senate Bill 254 of the 1997 Legislature amended NRS 377.080, (which was replaced in revision by NRS 360.698) which previously authorized a pledge of up to 15% of SCCRT. Pursuant to the provisions of Senate Bill 254, pledges of SCCRT made prior to the effective date were replaced by a pledge of the combined revenues as of July 1, 1998.

#### Authorized and Proposed Future Consolidated Tax Bonds

The City has no plans to issue additional general obligation bonds paid from consolidated tax revenues in the near future. However, the City reserves the privilege of issuing the bonds or other securities at any time legal requirements are satisfied.

#### **General Obligation Consolidated Tax Revenues Bonded Indebtedness**

The following table sets forth the City's outstanding general obligation bonded indebtedness that is paid from consolidated tax revenues.

#### OUTSTANDING GENERAL OBLIGATION INDEBTEDNESS PAID FROM CONSOLIDATED TAX REVENUES

City of Henderson, Nevada As of June 30, 2018

		Date Issued	Final Maturity	Original Amount	Outstanding
EXISTING GENERAL OBLIGATION BONDS					
Refunding Bonds (Tax-Exempt), Series 2011C	1	2/21/11	06/01/25	\$ 13,605,000	\$ 13,605,000
Various Purpose Refunding Bonds, Series 2013B	C	04/16/13	06/01/35	39,955,000	39,955,000
Various Purpose Refunding Bonds, Series 2014	C	09/25/14	06/01/35	24,305,000	24,305,000
	TOTAL				\$ 77,865,000

SOURCE: City of Henderson, Nevada

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#### General Obligation Consolidated Tax Revenues Debt Service Requirements

The following table illustrates the fiscal year debt service requirements on the City's existing general obligation bonds paid from consolidated tax revenues.

#### OUTSTANDING GENERAL OBLIGATION DEBT SERVICE PAID FROM CONSOLIDATED TAX REVENUES

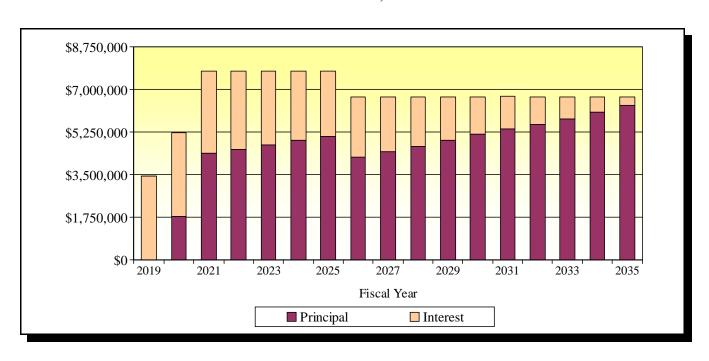
City of Henderson, Nevada As of June 30, 2018

Fiscal Year			
Ending			
June 30	Principal	Interest	Total
2019	\$ 0	\$ 3,429,969	\$ 3,429,969
2020	1,785,000	3,429,969	5,214,969
2021	4,380,000	3,358,569	7,738,569
2022	4,545,000	3,192,644	7,737,644
2023	4,720,000	3,010,844	7,730,844
2024	4,900,000	2,829,444	7,729,444
2025	5,065,000	2,658,075	7,723,075
2026	4,215,000	2,455,663	6,670,663
2027	4,430,000	2,244,913	6,674,913
2028	4,655,000	2,023,413	6,678,413
2029	4,900,000	1,790,663	6,690,663
2030	5,145,000	1,545,663	6,690,663
2031	5,360,000	1,337,150	6,697,150
2032	5,570,000	1,119,550	6,689,550
2033	5,780,000	909,750	6,689,750
2034	6,065,000	620,750	6,685,750
2035	6,350,000	317,500	6,667,500
	\$ 77,865,000	\$ 36,274,525	\$ 114,139,525

SOURCE: City of Henderson, Nevada

The following chart illustrates the fiscal year debt service requirements on the City's outstanding general obligation bonds paid from consolidated tax revenues.

#### OUTSTANDING GENERAL OBLIGATION DEBT SERVICE PAID FROM CONSOLIDATED TAX REVENUES City of Henderson, Nevada As of June 30, 2018



#### Ad Valorem Tax Rate Impact

The Consolidated Tax Bonds are currently being paid from consolidated tax revenues. The following table illustrates the sufficiency of consolidated tax revenues at existing levels to pay debt service on the Consolidated Tax Bonds.

## CONSOLIDATED TAX PLEDGED REVENUES City of Henderson, Nevada

Fiscal Year Ended June 30	2014 (Actual)		2015 (Actual)		2016 (Actual)		2017 (Actual)	(	2018 Estimated)		2019 (Budgeted)
Consolidated Tax	\$ 88,013,859	\$	94,093,208	\$	97,764,145	\$	103,694,983	\$	109,736,729	\$	116,046,442
Pledged Revenue Limitation (15%)	\$ 13,202,079	\$	14,113,981	\$	14,664,622	\$	15,554,247	\$	16,460,509	\$	17,406,966
Existing Debt Service	\$ 2,972,256	\$	3,057,489	\$	3,429,969	\$	3,429,969	\$	3,429,969	\$	3,429,969
Coverage	4.44 >	K	4.62 x	(	4.28 >	ζ	4.53	ζ	4.80	ζ	5.07 x

SOURCE: City of Henderson 2014-2017 Comprehensive Annual Financial Reports and 2019 Final Budget

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#### General Obligation/Revenue Bonds Paid from Utility Revenues

## Existing General Obligation Bond Indebtedness Paid from Utility Revenues ("Water and Sewer Bonds")

The Water and Sewer Bonds are general obligation bonds additionally paid from an irrevocable pledge of the net pledged revenues received by the City in connection with the ownership and operation of the City's municipal utility system. Net pledged revenues consist of all fees, rates and other charges for the use of the utility system remaining after deduction of operation and maintenance expenses in the utility system.

The City covenants in its bond ordinances to fix and collect rates and other charges for the services or commodities pertaining to the utility system in amounts sufficient to pay the operation and maintenance expenses of the system and any debt service its outstanding Water and Sewer bonds.

#### Authorized and Proposed Future Utility Revenue Supported Debt

The City does not have plans to issue additional general obligations bonds paid from utility revenues. However, the City reserves the privilege of issuing the bonds or other securities at any time legal requirements are satisfied.

#### **General Obligation Utility Revenues Bonded Indebtedness**

The following table sets forth the City's bonded indebtedness for its outstanding general obligation revenue bonds and revenue bonds paid from utility revenues.

## OUTSTANDING INDEBTEDNESS PAID FROM UTILITY REVENUES <sup>1/</sup> City of Henderson, Nevada As of June 30, 2018

	Date Issued	Final Maturity	Original Amount	Outstanding
GENERAL OBLIGATION REVENUE BONDS				
Water Bonds (State Revolving Fund), Series 2000	09/15/00	01/01/23	\$ 5,500,000	\$ 1,767,183
Sewer Refunding Bonds, Series 2012A	07/26/12	06/01/34	72,550,000	63,125,000
Sewer Refunding Bonds, Series 2013A	04/16/13	06/01/30	19,710,000	16,685,000
Water and Sewer Refunding Bonds, Series 2015	06/04/15	06/01/19	18,435,000	6,445,000
TOTAL GENERAL OBLIGATION REVENUE BONDS				\$ 88,022,183
REVENUE BONDS Sewer Bond (Clean Water SRF), Series 2010	01/08/10	01/01/30	\$ 1,659,396	\$ 1,048,039

<sup>1/</sup> Does not include the City's obligations to the Southern Nevada Water Authority ("SNWA") pursuant to the 1995 SNWA Agreement or the 2002 SNWA Agreement, both as defined in the "MUNICIPAL UTILITY SYSTEM--Water Supply--Regional" section of City's Official Statement dated May 14, 2015.

SOURCE: City of Henderson, Nevada

#### **General Obligation Utility Revenues Debt Service Requirements**

The following table illustrates the fiscal year debt service requirements on the City's outstanding general obligation revenue bonds and revenue bonds paid from utility revenues.

#### OUTSTANDING DEBT SERVICE PAID FROM UTILITY REVENUES City of Henderson, Nevada

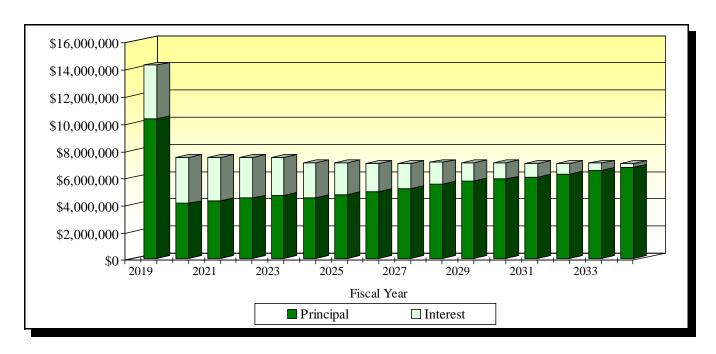
As of June 30, 2018

Fiscal Year Ending June 30	 General Principal	General Obligation Revent			nds Total	Revenue Bonds	Total Outstanding Debt Service		
	-								
2019	\$ 10,203,342	\$	3,914,402	\$	14,117,744	\$ 87,337	\$	14,205,080	
2020	3,940,435		3,408,558		7,348,994	87,337		7,436,330	
2021	4,127,975		3,216,019		7,343,994	87,337		7,431,330	
2022	4,330,976		3,014,268		7,345,244	87,337		7,432,580	
2023	4,539,456		2,802,538		7,341,994	87,337		7,429,330	
2024	4,370,000		2,584,119		6,954,119	87,337		7,041,455	
2025	4,595,000		2,365,619		6,960,619	87,337		7,047,955	
2026	4,790,000		2,135,869		6,925,869	87,337		7,013,205	
2027	5,005,000		1,896,369		6,901,369	87,337		6,988,705	
2028	5,340,000		1,646,119		6,986,119	87,337		7,073,455	
2029	5,595,000		1,379,119		6,974,119	87,337		7,061,455	
2030	5,750,000		1,204,275		6,954,275	87,337		7,041,612	
2031	5,985,000		1,017,400		7,002,400	0		7,002,400	
2032	6,230,000		778,000		7,008,000	0		7,008,000	
2033	6,490,000		528,800		7,018,800	0		7,018,800	
2034	6,730,000		269,200		6,999,200	0		6,999,200	
Total	\$ 88,022,183	\$	32,160,672	\$	120,182,855	\$ 1,048,039	\$	121,230,895	

SOURCE: City of Henderson, Nevada

The following chart illustrates the fiscal year debt service requirements on the City's outstanding general obligation revenue bonds and revenue bonds paid from utility revenues.

#### OUTSTANDING DEBT SERVICE PAID FROM UTILITY REVENUES City of Henderson, Nevada As of June 30, 2018



#### Ad Valorem Tax Rate Impact

Principal and interest on the Water and Sewer Bonds is payable from the pledged revenues of the water and sewer enterprise funds. There is no impact on the ad valorem tax rate so long as net pledged revenues are sufficient to pay debt service. The following table illustrates the City's pledged utility revenues.

#### NET PLEDGED REVENUES Municipal Utility System City of Henderson, Nevada

Fiscal Year Ending June 30	2014 (Actual)	2015 (Actual)	2016 (Actual)	2017 (Actual)	2018 (Estimated)	2019 (Budgeted)
PLEDGED REVENUES						
System Development Fees Utilities Fees <sup>1/</sup> Connection Fees Late Charges Intergovernmental Miscellaneous Interest Revenue <sup>2/</sup>	\$ 7,007,909 102,448,041 946,238 1,863,371 333,507 123,146 1,676,414	\$ 10,097,675 108,349,501 1,217,912 2,017,045 333,561 117,901 1,748,430	111,364,958 1,299,232 2,015,918 357,479 255,786 1,472,475	116,417,969 1,423,277 1,941,745 755,286 140,641 1,412,859	119,797,000 1,310,000 1,900,000 300,000 130,000 2,000,000	122,865,000 1,360,000 1,900,000 300,000 120,000 2,000,000
TOTAL PLEDGED REVENUES  LESS OPERATING EXPENSES 3/	114,398,626	123,882,025	129,540,025	133,655,172	136,937,000	140,045,000
Salaries and Wages Employee Benefits Water Purchases 4/ Services and Supplies TOTAL EXPENDITURES	19,620,856 8,397,611 23,434,038 32,134,520 83,587,025	21,142,013 8,281,484 24,273,512 32,004,379 85,701,388	8,157,576 23,562,520 34,988,814	21,818,964 9,725,005 24,918,378 37,503,619 93,965,966	24,190,357 10,959,887 24,434,800 44,183,614 103,768,658	25,032,117 11,682,946 25,597,144 42,105,322 104,417,529
NET PLEDGED REVENUES 5/ EXISTING DEBT SERVICE	\$ 30,811,601 \$ 20,836,185	\$ 38,180,637 \$ 20,589,669	\$ 16,733,716	\$ 16,090,605	\$ 16,081,618	\$ 14,205,080
Coverage (times)	1.48x	1.85	x 2.51	x = 2.47x	2.06x	2.51x

- 1/ On November 15, 2011, the City Council approved four annual rate increases effective January 1 of each year beginning 2012 through 2015. Water rates were increased 2.5%, while Sewer rates were increased 6%, for an overall annual increase of approximately 3.5% per year. On August 4, 2015, the City Council approved a 2% annual water rate increase and no sewer rate increase from 2017 through 2020.
- 2/ Includes only investment income received and does not include changes in market value of the investments. Source: City of Henderson Finance Department.
- 3/ Excludes depreciation.
- 4/ Includes amounts paid to SNWA for wholesale delivery of water to the City.
- 5/ Excludes revenues and expenditures associated with SNWA pass-through charges. Because the amounts received from these charges and the amounts paid to SNWA offset each other, coverage is not impacted when they are excluded.

SOURCE: City of Henderson Finance Department, City of Henderson 2014-2017 Comprehensive Annual Financial Reports and 2019 Final Budget.

#### **Debt Capacity**

#### Response to NRS 350.013 1(c):

(2) A discussion of its capacity to incur authorized and proposed future general obligation debt without exceeding the applicable debt limit.

The Charter for the City of Henderson limits the aggregate principal amount of the City's general obligation debt to 15% of the City's total reported assessed valuation. Based upon the 2018 assessed valuation of \$13,014,778,566 (including the assessed valuation of the Henderson Redevelopment Agency with an assessed value of \$765,632,251), the City's debt limit for general obligation bonds is \$1,952,216,785. In addition to the City's legal debt limit as a percentage of its total assessed value, the City's ability to issue future property tax supported debt is also constrained by constitutional and statutory limits of total property taxes that may be levied.

The following table illustrates the City's general obligation statutory debt limitation.

#### STATUTORY DEBT LIMITATION <sup>1/</sup> City of Henderson, Nevada For Fiscal Year 2018

Statutory Debt Limitation 1/	\$ 1,952,216,785
Outstanding General Obligation Indebtedness	
Paid from Ad Valorem Taxes	\$ 8,710,000
Paid from General Fund and other legally available revenues	12,350,000
Paid from Consolidated Tax Revenues	77,865,000
Paid from Utility Revenues	 88,022,183
<b>Total Outstanding Indebtedness</b>	186,947,183
Additional Statutory Debt Limitation	\$ 1,765,269,602

<sup>1/</sup> Based upon the assessed valuation for fiscal year 2018 (including the assessed valuation of the Henderson Redevelopment Agency). Source: Nevada Department of Taxation.

SOURCE: Nevada Department of Taxation; City of Henderson, Nevada

The following table presents a record of the City's outstanding general obligation indebtedness with respect to its statutory debt limitation.

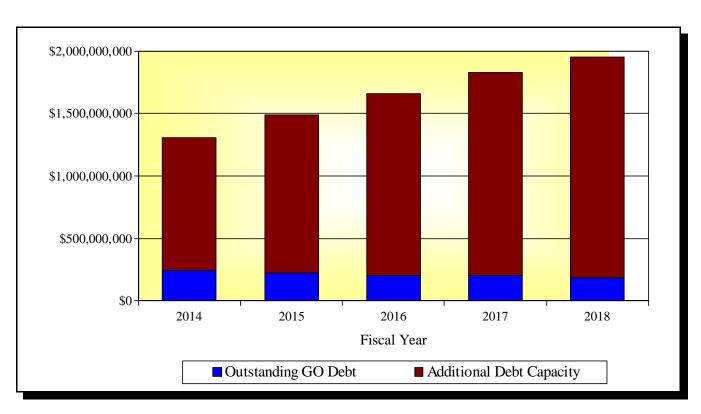
HISTORICAL STATUTORY DEBT LIMITATION City of Henderson, Nevada

Fiscal Year Ended June 30	Assessed Valuation 1/	Debt Limit	Outstanding General Obligation Debt	Additional Statutory Debt Capacity
2014	\$ 8,714,642,607	\$ 1,307,196,391	\$ 242,413,021	\$ 1,064,783,370
2015	9,913,958,991	1,487,093,849	221,273,829	1,265,820,020
2016	11,054,103,125	1,658,115,469	205,703,288	1,452,412,181
2017	12,188,283,079	1,828,242,462	203,028,861	1,625,213,601
2018	13,014,778,566	1,952,216,785	186,947,183	1,765,269,602

<sup>1/</sup> Includes the assessed valuation of the Henderson Redevelopment Agency in the amounts of \$199,709,309 for fiscal year 2014; \$314,319,375 for fiscal year 2015; \$423,187,906 for fiscal year 2016; \$558,228,496 for fiscal year 2017 and \$765,632,251 for fiscal year 2018.

SOURCE: Ad Valorem Tax Rates for Nevada Local Governments, Department of Taxation; City of Henderson, Nevada

## HISTORICAL STATUTORY DEBT LIMITATION City of Henderson



## Debt Comparison (per capita and assessed valuation)

#### Response to NRS 350.013 1(c):

- (3) A discussion of general obligation debt that is payable from property taxes per capita as compared with such debt of other municipalities in this State.
- (4) A discussion of its general obligation debt that is payable from property taxes as a percentage of assessed valuation of all taxable property within the boundaries of the municipality.

#### DEBT RATIO COMPARISONS As of June 30, 2018

	Existing General Obligation Debt <sup>1/</sup>	Estimated 2017 Population <sup>2/</sup>	Fiscal Year 2018 Assessed Value <sup>3/</sup>	General Obligation Debt Per Capita	General Obligation Debt as a % of Assessed Value
Henderson	\$ 186,947,183	300,709	\$ 12,249,146,315	\$ 621.69	1.53%
Las Vegas	509,535,000	633,028	17,398,113,297	804.92	2.93%
North Las Vegas	418,452,958	243,339	6,393,383,561	1,719.63	6.55%
Reno	97,295,315	244,612	7,746,373,985	397.75	1.26%

<sup>1/</sup> Outstanding as of June 30, 2018; does not include revenue bonds, lease/purchase agreements, assessment bonds, or proposed/authorized bonds.

SOURCE: Compiled by Zions Public Finance

<sup>2/</sup> Source: Nevada State Demographer as of July 1.

<sup>3/</sup> Source: Nevada Department of Taxation (excludes the Redevelopment Agencies).

#### **Policy Statement for Sale of Debt**

Response to NRS 350.013 1(c):

(5) Policy regarding the manner in which the municipality expects to sell its debt.

The City can sell its debt directly to a bank or can issue bonds in the municipal bond market. The decision as to whether to issue bonds or obtain bank financing is based upon which alterative will provide the City with the lowest cost.

If bonds are issued, there are two ways bonds can be sold: competitive (public) or negotiated sale. NRS 350.105 to 350.195 set forth the circumstances under which a local government will sell its bonds at competitive or negotiated sale. The City will follow the statutory requirements in determining the method of sale for its bonds.

Competitive and negotiated sales provide for one or more pricings, depending upon market conditions or other factors. Either method can provide for changing sale dates, issue size, maturity amounts, term, bond features, etc. The timing of any sale is generally related to the requirements of the Nevada Open Meeting Law.

#### **Competitive Sale**

In a competitive sale, all underwriter(s) are invited to submit a proposal to purchase an issue of bonds. The bonds are awarded to the underwriter(s) presenting the best bid according to stipulated criteria set forth in the notice of sale. The best bid is determined based on the lowest overall interest rate.

#### **Negotiated Sale**

In a negotiated sale, an exclusive arrangement is made between the issuer and an underwriter or underwriting syndicate. At the end of successful negotiations, the issue is awarded to the underwriter. If bonds are sold through a negotiated sale, the City will comply with the requirements of NRS 350.175.

A negotiated underwriting may be considered based upon one or more of the following criteria:

- Extremely large issue size
- Complex financing structure (i.e. new security feature, variable rate financings, new derivatives, and certain revenue issues, etc.) which provides a desirable benefit to the City
- Difficulty in marketing due to credit rating or lack of bids
- Private placement, or sale to a municipality, to the state, or a federal agency
- Other factors which lead the City to conclude that competitive sale would not be effective. It is the policy of the City to provide minority business enterprises, women business enterprises and all other business enterprises an equal opportunity to participate in the performance of all City contracts. Bidders are requested to assist the City in implementing this policy by taking all reasonable steps to ensure that all available business enterprises, including minority and women business enterprises have an equal opportunity to participate in City contracts.

## Operation Costs and Revenue Sources for Projects in Capital Improvement Plan

#### Response to NRS 350.013 1(c):

(7) A discussion of its operational costs and revenue sources, for the ensuing 5 fiscal years, associated with each project included in its plan for capital improvement submitted pursuant to paragraph (d), if those costs and revenues are expected to affect the property tax rate.

The Capital Improvement Plan (the "CIP") contains current and proposed projects for the next five years segregated into the following categories: water, wastewater, streets, flood control, street lights, traffic control, parks and recreation, municipal facilities, and school flashing lights.

The cost estimates are very preliminary in nature, as design has not taken place in most cases. Cost summaries are included for each category at the beginning of each section. The City may not be able or willing to provide this level of funding even with some sources of funds external to the City. Over the time interval anticipated by this document, some portions of these projects can be expected to be provided by the developers as construction continues in the City. It is not possible for the City to fully anticipate when and where such developer-provided construction will occur.

Future bonding may be an alternative to providing funding for some of the needed infrastructure where currently funding has not been identified. The City has expended virtually all local street and flood bonds. A bonding package could be promoted to include certain identified streets, local flood control including nuisance drainage, street lights, school flashing signals, and traffic signals. A list could be projected based upon some of the top priorities listed in the CIP for the identified categories. Currently, the City does not anticipate that operational costs and revenue sources associated with the funding of capital improvements identified in its CIP will affect the property tax rate.

#### **Miscellaneous Items**

#### Refundings

A refunding is generally the underwriting of a new bond issue whose proceeds are used to redeem an outstanding issue. Key definitions are described as follows:

Advance Refunding - A method of providing for payment of debt service on a bond until the first call date or designated call date from available funds. Advance refundings are done by issuing a new bond or using available funds and investing the proceeds in an escrow account in a portfolio of U.S. government securities structured to provide enough cash flow to pay debt service on the refunded bonds. Under the Tax Cuts and Jobs Act of 2017, advance refunding issues of tax exempt bonds issued after December 31, 2017, will no longer have tax exempt status.

Current Refunding - The duration of the escrow is 90 days or less.

*Gross Savings* - Difference between debt service on refunding bonds and refunded bonds less any contribution from a reserve or debt service fund.

*Present Value Savings* - Present value of gross savings discounted at the refunding bond yield to the closing date plus accrued interest less any contribution from a reserve or debt service fund.

Prior to beginning a refunding bond issue the City will review an estimate of the savings achievable from the refunding. The City may also review a pro forma schedule estimating the savings assuming that the refunding is done at various points in the future.

The City will generally consider refunding outstanding bonds if one or more of the following conditions exist:

- 1. Present value savings are at least 3% of the par amount of the refunding bonds.
- 2. The bonds to be refunded have restrictive or outdated covenants.
- 3. Restructuring debt is deemed to be desirable to align debt service obligations with revenues available for repayment.

The City may pursue a refunding not meeting the above criteria if:

- 1. Present value savings exceed the costs of issuing the bonds.
- 2. Current savings are acceptable when compared to savings that could be achieved by waiting for more favorable interest rates and/or call premiums.

#### **Debt Structure**

<u>Maturity Structures</u> - The term of City debt issues should not extend beyond the useful life of the project or equipment financed. The repayment of principal on tax supported debt should generally not extend beyond 20 years unless there are compelling factors which make it necessary to extend the term beyond this point.

Debt issued by the City should be structured to provide for generally level debt service. Deferring the repayment of principal should be considered only in select instances where it will take a period of time before revenues are sufficient to pay debt service.

<u>Capitalized Interest</u> - The City will generally not capitalize interest unless there are compelling factors which make it necessary or desirable to do so.

<u>Bond Insurance</u> - The purchase of bond insurance may be considered as part of the structure of a bond issue. Bond insurance is an insurance policy purchased by an issuer or an underwriter for either an entire issue or specific maturities, which guarantees the payment of principal and interest. While this security provides a higher credit rating and thus a lower borrowing cost for an issuer, such cost savings must be measured against the premium required for such insurance.

The decision to purchase insurance directly versus bidder's option is based on:

- volatile markets
- current investor demand for insured bonds
- level of insurance premiums
- ability of the City to purchase bond insurance from bond proceeds

Bond insurance can be purchased directly by the City prior to the bond sale (direct purchase) or at the underwriter's option and expense (bidder's option). In cases where insurance is purchased, the City will attempt to qualify its bond issues for insurance with bond insurance companies with ratings higher than the underlying rating on the bonds by Moody's Investors Service and S&P Global Ratings.

When insurance is purchased directly by the City, the present value of the estimated debt service savings from insurance should be at least equal to or greater than the insurance premium. The bond insurance company will usually be chosen based on an estimate of the greatest net present value insurance benefit (present value of debt service savings less insurance premium).

#### **Financing Sources**

The City will evaluate available County/State bond financing programs before choosing the financing source. The City will consider utilizing a County/State program if bonds can be sold by the County/State in a manner that meets the City's timing needs and if two or more of the following conditions are expected:

- 1) The City will benefit from the County/State's credit rating.
- 2) The City will reduce its issuance costs by combining with other participants.
- 3) The City will be able to approve the structure of the bonds.
- 4) The utilization of the County/State program is the most cost effective source of funds.

#### **5-Year Operating Tax Rate Forecast**

The City of Henderson currently levies the maximum allowed tax rate for general operating purposes. For fiscal years 2018-2019 through 2022-2023 the City also plans to levy the maximum allowed operating tax rate. Additionally, the City reserves the right to ask City voters to approve any special elective tax rate that may be necessary.

## CHIEF FINANCIAL OFFICER INFORMATION NRS 350.013 Subsection 1(e)

A statement containing the name, title, mailing address and telephone number of the chief financial officer of the municipality.

NAME: Jim McIntosh

TITLE: Finance Director

ADDRESS: City of Henderson

240 Water Street P.O. Box 95050 Henderson, NV 89015

TELEPHONE: (702) 267-1707

E-MAIL: Jim.McIntosh@cityofhenderson.com

#### APPENDIX A

#### DEBT SERVICE SCHEDULES As of June 30, 2018

	Date Issued	Final Maturity	Original Amount	Outstanding	Page
GENERAL OBLIGATION BONDS					
Refunding Bonds (Taxable), Series 2011A	12/21/11	06/01/20	\$ 18,245,000	\$ 7,575,000	1
Refunding Bonds (Tax-Exempt), Series 2011B	12/21/11	06/01/20	2,710,000	1,135,000	2
		TOTAI	_	8,710,000	3
GENERAL OBLIGATION REVENUE BONDS					
Water Bonds (SRF), Series 2000	09/15/00	01/01/23	5,500,000	1,767,183	4
Refunding Bonds (Tax-Exempt), Series 2011C	12/21/11	06/01/25	13,605,000	13,605,000	5
Sewer Refunding Bonds, Series 2012A	07/26/12	06/01/34	72,550,000	63,125,000	6
Sewer Refunding Bonds, Series 2013A	04/16/13	06/01/30	19,710,000	16,685,000	8
Various Purpose Refunding Bonds, Series 2013B	04/16/13	06/01/35	39,955,000	39,955,000	9
Various Purpose Refunding Bonds, Series 2014	09/25/14	06/01/35	24,305,000	24,305,000	11
Water and Sewer Refunding Bonds, Series 2015	06/04/15	06/01/19	18,435,000	6,445,000	13
		TOTAI		165,887,183	14
GENERAL OBLIGATION MEDIUM-TERM BONDS					
Medium-Term Various Purpose & Refunding Bonds, Series 2016	08/30/16	08/01/26	12,700,000	12,350,000	15
		TOTAL	_	12,350,000	16
GENERA	L OBLIGA	TION GRA	ND TOTAL	\$ 186,947,183	17

**GENERAL OBLIGATION BONDS** 

# \$18,245,000

City of Henderson, Nevada General Obligation (Limited Tax) Refunding Bonds (Taxable), Series 2011A

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
12/01/2018	-	-	113,703.75	113,703.75	-
06/01/2019	3,735,000.00	2.850%	113,703.75	3,848,703.75	3,962,407.50
12/01/2019	-	-	60,480.00	60,480.00	-
06/01/2020	3,840,000.00	3.150%	60,480.00	3,900,480.00	3,960,960.00
Total	\$7,575,000.00	-	\$348,367.50	\$7,923,367.50	-

# \$2,710,000

City of Henderson, Nevada General Obligation (Limited Tax) Refunding Bonds (Tax-Exempt), Series 2011B

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
06/30/2018	-	-	-	-	-
12/01/2018	-	-	17,025.00	17,025.00	-
06/01/2019	560,000.00	3.000%	17,025.00	577,025.00	-
06/30/2019	-	-	-	-	594,050.00
12/01/2019	-	-	8,625.00	8,625.00	-
06/01/2020	575,000.00	3.000%	8,625.00	583,625.00	-
06/30/2020	-	-	-	=	592,250.00
Total	\$1,135,000.00	-	\$51,300.00	\$1,186,300.00	-

City of Henderson, Nevada General Obligation Bonds

### **Aggregate Bond Balance**

Date	Principal	Interest	Total P+I	Bond Balance
06/30/2018	-	-	-	8,710,000.00
06/30/2019	4,295,000.00	261,457.50	4,556,457.50	4,415,000.00
06/30/2020	4,415,000.00	138,210.00	4,553,210.00	-
Total	\$8,710,000.00	\$399,667.50	\$9,109,667.50	-

#### **Par Amounts Of Selected Issues**

 12/21/11A Refunding Bonds - \$18,245,000
 7,575,000.00

 12/21/11B Refunding Bonds - \$2,710,000
 1,135,000.00

TOTAL 8,710,000.00

GENERAL OBLIGATION REVENUE BONDS

# \$5,500,000

City of Henderson, Nevada General Obligation (Limited Tax) Water Bonds (Add'l Secured by Pledged Revenues), Series 2000

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
06/30/2018	Timolpui	<u> </u>	moroot	TOTAL TI	10141
	162 696 28	2.6500/	22.254.40	104 027 28	-
07/01/2018	162,686.28	3.650%	32,251.10	194,937.38	-
01/01/2019	165,655.30	3.650%	29,282.07	194,937.37	-
06/30/2019	=	=	=	=	389,874.75
07/01/2019	168,678.51	3.650%	26,258.86	194,937.37	-
01/01/2020	171,756.89	3.650%	23,180.48	194,937.37	-
06/30/2020	-	-	-	-	389,874.74
07/01/2020	174,891.46	3.650%	20,045.92	194,937.38	-
01/01/2021	178,083.23	3.650%	16,854.15	194,937.38	-
06/30/2021	-	-	-	-	389,874.76
07/01/2021	181,333.24	3.650%	13,604.13	194,937.37	-
01/01/2022	184,642.58	3.650%	10,294.80	194,937.38	-
06/30/2022	-	-	-	-	389,874.75
07/01/2022	188,012.30	3.650%	6,925.07	194,937.37	-
01/01/2023	191,443.53	3.650%	3,493.84	194,937.37	-
06/30/2023	-	-	-	-	389,874.74
Total	\$1,767,183.32	-	\$182,190.42	\$1,949,373.74	-

# \$13,605,000

City of Henderson, Nevada General Obligation (Limited Tax) Refunding Bonds (Additionally Secured by Pledged Revenues), Series 2011C

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
12/01/2018	-	-	235,240.63	235,240.63	-
06/01/2019	-	-	235,240.63	235,240.63	-
06/30/2019	-	-	-	-	470,481.26
12/01/2019	=	=	235,240.63	235,240.63	-
06/01/2020	-	-	235,240.63	235,240.63	-
06/30/2020	=	=	-	-	470,481.26
12/01/2020	=	=	235,240.63	235,240.63	-
06/01/2021	2,525,000.00	4.000%	235,240.63	2,760,240.63	-
06/30/2021	=	=	-	-	2,995,481.26
12/01/2021	=	=	184,740.63	184,740.63	-
06/01/2022	2,630,000.00	4.000%	184,740.63	2,814,740.63	-
06/30/2022	=	=	-	-	2,999,481.26
12/01/2022	=	=	132,140.63	132,140.63	=
06/01/2023	2,730,000.00	3.000%	132,140.63	2,862,140.63	=
06/30/2023	=	=	-	-	2,994,281.26
12/01/2023	=	=	91,190.63	91,190.63	=
06/01/2024	2,815,000.00	3.125%	91,190.63	2,906,190.63	=
06/30/2024	=	=	-	-	2,997,381.26
12/01/2024	-	=	47,206.25	47,206.25	-
06/01/2025	2,905,000.00	3.250%	47,206.25	2,952,206.25	-
06/30/2025	-	<u>-</u>	-	<u>-</u>	2,999,412.50
Total	\$13,605,000.00	-	\$2,322,000.06	\$15,927,000.06	-

# \$72,550,000

City of Henderson, Nevada General Obligation (Limited Tax) Sewer Refunding Bonds (Additionally Secured by Pledged Revenues), Series 2012A

### **Outstanding Debt Service**

Part 1 of 2

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
06/30/2018	-	-	-	-	-
12/01/2018	-	-	1,450,950.00	1,450,950.00	-
06/01/2019	3,430,000.00	5.000%	1,450,950.00	4,880,950.00	-
06/30/2019	-	-	-	-	6,331,900.00
12/01/2019	-	-	1,365,200.00	1,365,200.00	-
06/01/2020	3,600,000.00	5.000%	1,365,200.00	4,965,200.00	-
06/30/2020	· · ·	=	-	· · ·	6,330,400.00
12/01/2020	-	=	1,275,200.00	1,275,200.00	-
06/01/2021	3,775,000.00	5.000%	1,275,200.00	5,050,200.00	=
06/30/2021	-	-	, -, <del>-</del>	-	6,325,400.00
12/01/2021	_	_	1,180,825.00	1,180,825.00	-
06/01/2022	3,965,000.00	5.000%	1,180,825.00	5,145,825.00	-
06/30/2022	-	-	-	-	6,326,650.00
12/01/2022	-	-	1,081,700.00	1,081,700.00	-
06/01/2023	4,160,000.00	5.000%	1,081,700.00	5,241,700.00	_
06/30/2023	-	-	-	-	6,323,400.00
12/01/2023	_	_	977,700.00	977,700.00	-
06/01/2024	4,370,000.00	5.000%	977,700.00	5,347,700.00	_
06/30/2024	-,570,000.00	3.00070	377,700.00	5,547,700.00	6,325,400.00
12/01/2024	_	_	868,450.00	868,450.00	0,323,400.00
06/01/2025	4,595,000.00	5.000%	868,450.00	5,463,450.00	-
06/30/2025	4,595,000.00	5.000 /6	000,430.00	5,405,450.00	6 331 000 00
12/01/2025	-	-	753,575.00	753,575.00	6,331,900.00
06/01/2026	4 700 000 00	F 000%	·	·	-
	4,790,000.00	5.000%	753,575.00	5,543,575.00	6 207 450 00
06/30/2026	-	-	622 025 00	622 825 00	6,297,150.00
12/01/2026	-	- - -	633,825.00	633,825.00	-
06/01/2027	5,005,000.00	5.000%	633,825.00	5,638,825.00	- 0.70.050.00
06/30/2027	-	-	-	-	6,272,650.00
12/01/2027	-	-	508,700.00	508,700.00	-
06/01/2028	-	-	508,700.00	508,700.00	-
06/30/2028	=	=	<del>_</del>		1,017,400.00
12/01/2028	=	=	508,700.00	508,700.00	=
06/01/2029	-	-	508,700.00	508,700.00	-
06/30/2029	-	-	-	-	1,017,400.00
12/01/2029	-	-	508,700.00	508,700.00	-
06/01/2030	-	-	508,700.00	508,700.00	-
06/30/2030	-	-	-	-	1,017,400.00
12/01/2030	-	=	508,700.00	508,700.00	=
06/01/2031	5,985,000.00	4.000%	508,700.00	6,493,700.00	-
06/30/2031	-	-	-	-	7,002,400.00
12/01/2031	-	-	389,000.00	389,000.00	-
06/01/2032	6,230,000.00	4.000%	389,000.00	6,619,000.00	-
06/30/2032	-	-	-	=	7,008,000.00
12/01/2032	-	-	264,400.00	264,400.00	-

# \$72,550,000

City of Henderson, Nevada General Obligation (Limited Tax) Sewer Refunding Bonds (Additionally Secured by Pledged Revenues), Series 2012A

### **Outstanding Debt Service**

Part 2 of 2

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
06/01/2033	6,490,000.00	4.000%	264,400.00	6,754,400.00	-
06/30/2033	-	-	-	-	7,018,800.00
12/01/2033	-	-	134,600.00	134,600.00	-
06/01/2034	6,730,000.00	4.000%	134,600.00	6,864,600.00	-
06/30/2034	-	-	-	-	6,999,200.00
Total	\$63,125,000.00	-	\$24,820,450.00	\$87,945,450.00	-

# \$19,710,000

City of Henderson, Nevada General Obligation (Limited Tax) Sewer Refunding Bonds (Additionally Secured by Pledged Revenues), Series 2013A

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
06/30/2018	-	-	-	-	-
12/01/2018	-	-	314,359.38	314,359.38	-
06/01/2019	-	-	314,359.38	314,359.38	-
06/30/2019	-	-	-	-	628,718.76
12/01/2019	-	-	314,359.38	314,359.38	-
06/01/2020	-	-	314,359.38	314,359.38	-
06/30/2020	-	-	-	-	628,718.76
12/01/2020	-	-	314,359.38	314,359.38	-
06/01/2021	-	-	314,359.38	314,359.38	-
06/30/2021	-	-	-	-	628,718.76
12/01/2021	-	-	314,359.38	314,359.38	-
06/01/2022	-	-	314,359.38	314,359.38	-
06/30/2022	-	-	-	-	628,718.76
12/01/2022	-	-	314,359.38	314,359.38	-
06/01/2023	-	-	314,359.38	314,359.38	-
06/30/2023	-	-	-	-	628,718.76
12/01/2023	-	-	314,359.38	314,359.38	-
06/01/2024	-	-	314,359.38	314,359.38	-
06/30/2024	-	-	-	-	628,718.76
12/01/2024	-	-	314,359.38	314,359.38	-
06/01/2025	-	-	314,359.38	314,359.38	-
06/30/2025	-	-	-	-	628,718.76
12/01/2025	-	-	314,359.38	314,359.38	-
06/01/2026	-	-	314,359.38	314,359.38	-
06/30/2026	-	-	-	-	628,718.76
12/01/2026	-	-	314,359.38	314,359.38	-
06/01/2027	-	-	314,359.38	314,359.38	-
06/30/2027	-	-	-	-	628,718.76
12/01/2027	-	-	314,359.38	314,359.38	-
06/01/2028	5,340,000.00	5.000%	314,359.38	5,654,359.38	-
06/30/2028	-	-	-	-	5,968,718.76
12/01/2028	-	-	180,859.38	180,859.38	-
06/01/2029	5,595,000.00	3.125%	180,859.38	5,775,859.38	-
06/30/2029	-	-	-	-	5,956,718.76
12/01/2029	-	-	93,437.50	93,437.50	-
06/01/2030	5,750,000.00	3.250%	93,437.50	5,843,437.50	-
06/30/2030	-	-	-	-	5,936,875.00
Total	\$16,685,000.00	-	\$6,835,781.36	\$23,520,781.36	-

# \$39,955,000

City of Henderson, Nevada General Obligation (Limited Tax) Various Purpose Refunding Bonds (Additionally Secured by Pledged Revenues), Series 2013B

### **Outstanding Debt Service**

Part 1 of 2

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
06/30/2018	-	-	-	-	-
12/01/2018	-	-	891,618.75	891,618.75	-
06/01/2019	-	-	891,618.75	891,618.75	-
06/30/2019	-	-	-	-	1,783,237.50
12/01/2019	-	-	891,618.75	891,618.75	-
06/01/2020	1,785,000.00	4.000%	891,618.75	2,676,618.75	-
06/30/2020	-	-	-	-	3,568,237.50
12/01/2020	-	-	855,918.75	855,918.75	-
06/01/2021	1,855,000.00	3.500%	855,918.75	2,710,918.75	-
06/30/2021	· · ·	-	-	· · ·	3,566,837.50
12/01/2021	=	=	823,456.25	823,456.25	· · ·
06/01/2022	1,915,000.00	4.000%	823,456.25	2,738,456.25	=
06/30/2022	, , -	-	, -	· · ·	3,561,912.50
12/01/2022	-	-	785,156.25	785,156.25	· · ·
06/01/2023	1,990,000.00	5.000%	785,156.25	2,775,156.25	-
06/30/2023	-	-	-	-,	3,560,312.50
12/01/2023	-	_	735,406.25	735,406.25	-
06/01/2024	2,085,000.00	4.000%	735,406.25	2,820,406.25	_
06/30/2024	_,000,000.00	-	-	-	3,555,812.50
12/01/2024	-	-	693,706.25	693,706.25	-
06/01/2025	2,160,000.00	5.000%	693,706.25	2,853,706.25	_
06/30/2025	-,.00,000.00	-	-	-	3,547,412.50
12/01/2025	-	-	639,706.25	639,706.25	-
06/01/2026	2,275,000.00	5.000%	639,706.25	2,914,706.25	_
06/30/2026		-	-	-	3,554,412.50
12/01/2026	-	-	582,831.25	582,831.25	-
06/01/2027	2,390,000.00	5.000%	582,831.25	2,972,831.25	_
06/30/2027	_,000,000.00	-	-	-	3,555,662.50
12/01/2027	-	-	523,081.25	523,081.25	-
06/01/2028	2,515,000.00	5.000%	523,081.25	3,038,081.25	_
06/30/2028	-		-	-	3,561,162.50
12/01/2028	-	-	460,206.25	460,206.25	-
06/01/2029	2,650,000.00	5.000%	460,206.25	3,110,206.25	_
06/30/2029	-		-	-	3,570,412.50
12/01/2029	-	-	393,956.25	393,956.25	-
06/01/2030	2,785,000.00	3.250%	393,956.25	3,178,956.25	_
06/30/2030	2,700,000.00	0.20070	-	-	3,572,912.50
12/01/2030	_	_	348,700.00	348,700.00	0,072,012.00
06/01/2031	2,880,000.00	3.250%	348,700.00	3,228,700.00	_
06/30/2031	2,000,000.00	5.25070	546,700.00	5,220,700.00	3,577,400.00
12/01/2031	<u> </u>	_	301,900.00	301,900.00	3,377,400.00
06/01/2032	2,970,000.00	4.000%	301,900.00	3,271,900.00	-
06/30/2032	2,370,000.00	4.000/0	301,300.00	3,211,300.00	3 573 800 00
12/01/2032	<del>-</del>	-	242 500 00	242 500 00	3,573,800.00
12/01/2032	-	-	242,500.00	242,500.00	-

# \$39,955,000

City of Henderson, Nevada General Obligation (Limited Tax) Various Purpose Refunding Bonds (Additionally Secured by Pledged Revenues), Series 2013B

### **Outstanding Debt Service**

Part 2 of 2

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
06/01/2033	3,085,000.00	5.000%	242,500.00	3,327,500.00	-
06/30/2033	-	-	-	-	3,570,000.00
12/01/2033	-	-	165,375.00	165,375.00	-
06/01/2034	3,235,000.00	5.000%	165,375.00	3,400,375.00	-
06/30/2034	-	-	-	-	3,565,750.00
12/01/2034	-	-	84,500.00	84,500.00	-
06/01/2035	3,380,000.00	5.000%	84,500.00	3,464,500.00	-
06/30/2035	-	-	-	-	3,549,000.00
Total	\$39,955,000.00	-	\$18,839,275.00	\$58,794,275.00	-

# \$24,305,000

City of Henderson, Nevada General Obligation (Limited Tax) Various Purpose Refunding Bonds (Additionally Secured by Pledged Revenues), Series 2014

### **Outstanding Debt Service**

Part 1 of 2

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
06/30/2018	-	-	-	-	-
12/01/2018	-	-	588,125.00	588,125.00	-
06/01/2019	-	-	588,125.00	588,125.00	-
06/30/2019	-	-	-	-	1,176,250.00
12/01/2019	-	-	588,125.00	588,125.00	-
06/01/2020	-	-	588,125.00	588,125.00	-
06/30/2020	-	-	-	-	1,176,250.00
12/01/2020	-	-	588,125.00	588,125.00	-
06/01/2021	-	-	588,125.00	588,125.00	-
06/30/2021	-	-	-	-	1,176,250.00
12/01/2021	-	-	588,125.00	588,125.00	-
06/01/2022	-	-	588,125.00	588,125.00	-
06/30/2022	-	-	-	-	1,176,250.00
12/01/2022	=	-	588,125.00	588,125.00	=
06/01/2023	=	-	588,125.00	588,125.00	=
06/30/2023	=	-	=	-	1,176,250.00
12/01/2023	=	-	588,125.00	588,125.00	-
06/01/2024	=	-	588,125.00	588,125.00	-
06/30/2024	=	-	=	-	1,176,250.00
12/01/2024	-	-	588,125.00	588,125.00	-
06/01/2025	=	-	588,125.00	588,125.00	-
06/30/2025	=	-	=	-	1,176,250.00
12/01/2025	-	-	588,125.00	588,125.00	-
06/01/2026	1,940,000.00	5.000%	588,125.00	2,528,125.00	-
06/30/2026	-	-	-	-	3,116,250.00
12/01/2026	-	-	539,625.00	539,625.00	-
06/01/2027	2,040,000.00	5.000%	539,625.00	2,579,625.00	-
06/30/2027	-	-	-	-	3,119,250.00
12/01/2027	-	-	488,625.00	488,625.00	-
06/01/2028	2,140,000.00	5.000%	488,625.00	2,628,625.00	-
06/30/2028	-	-	-	-	3,117,250.00
12/01/2028	-	-	435,125.00	435,125.00	-
06/01/2029	2,250,000.00	5.000%	435,125.00	2,685,125.00	-
06/30/2029	-	-	-	-	3,120,250.00
12/01/2029	-	-	378,875.00	378,875.00	-
06/01/2030	2,360,000.00	5.000%	378,875.00	2,738,875.00	-
06/30/2030	-	-	-	-	3,117,750.00
12/01/2030	-	-	319,875.00	319,875.00	-
06/01/2031	2,480,000.00	5.000%	319,875.00	2,799,875.00	-
06/30/2031	· · ·	=	· _	· · ·	3,119,750.00
12/01/2031	=	-	257,875.00	257,875.00	. , ,
06/01/2032	2,600,000.00	3.500%	257,875.00	2,857,875.00	=
06/30/2032	·	-	•	·	3,115,750.00
12/01/2032	=	-	212,375.00	212,375.00	· , , · · · · · · · · · · · · · · · · ·
			•	•	

## \$24,305,000

City of Henderson, Nevada General Obligation (Limited Tax) Various Purpose Refunding Bonds (Additionally Secured by Pledged Revenues), Series 2014

### **Outstanding Debt Service**

Part 2 of 2

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
06/01/2033	2,695,000.00	5.000%	212,375.00	2,907,375.00	-
06/30/2033	-	-	-	-	3,119,750.00
12/01/2033	-	-	145,000.00	145,000.00	-
06/01/2034	2,830,000.00	5.000%	145,000.00	2,975,000.00	-
06/30/2034	-	-	-	-	3,120,000.00
12/01/2034	-	-	74,250.00	74,250.00	-
06/01/2035	2,970,000.00	5.000%	74,250.00	3,044,250.00	-
06/30/2035	-	-	-	-	3,118,500.00
Total	\$24,305,000.00	-	\$15,113,250.00	\$39,418,250.00	-

# \$18,435,000

City of Henderson, Nevada General Obligation (Limited Tax) Water & Sewer Refunding Bonds (Additionally Secured by Pledged Revenues), Series 2015

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
06/30/2018	-	-	-	-	-
12/01/2018	-	-	161,125.00	161,125.00	-
06/01/2019	6,445,000.00	5.000%	161,125.00	6,606,125.00	-
06/30/2019	-	-	-	-	6,767,250.00
Total	\$6,445,000.00	-	\$322,250.00	\$6,767,250.00	-

#### City of Henderson, Nevada General Obligation Revenue Bonds

### **Aggregate Bond Balance**

Date	Principal	Interest	Total P+I	Principal Balance
06/30/2018	-	-	-	165,887,183.32
06/30/2019	10,203,341.58	7,344,370.69	17,547,712.27	155,683,841.74
06/30/2020	5,725,435.40	6,838,526.86	12,563,962.26	149,958,406.34
06/30/2021	8,507,974.69	6,574,587.59	15,082,562.28	141,450,431.65
06/30/2022	8,875,975.82	6,206,911.45	15,082,887.27	132,574,455.83
06/30/2023	9,259,455.83	5,813,381.43	15,072,837.26	123,315,000.00
06/30/2024	9,270,000.00	5,413,562.52	14,683,562.52	114,045,000.00
06/30/2025	9,660,000.00	5,023,693.76	14,683,693.76	104,385,000.00
06/30/2026	9,005,000.00	4,591,531.26	13,596,531.26	95,380,000.00
06/30/2027	9,435,000.00	4,141,281.26	13,576,281.26	85,945,000.00
06/30/2028	9,995,000.00	3,669,531.26	13,664,531.26	75,950,000.00
06/30/2029	10,495,000.00	3,169,781.26	13,664,781.26	65,455,000.00
06/30/2030	10,895,000.00	2,749,937.50	13,644,937.50	54,560,000.00
06/30/2031	11,345,000.00	2,354,550.00	13,699,550.00	43,215,000.00
06/30/2032	11,800,000.00	1,897,550.00	13,697,550.00	31,415,000.00
06/30/2033	12,270,000.00	1,438,550.00	13,708,550.00	19,145,000.00
06/30/2034	12,795,000.00	889,950.00	13,684,950.00	6,350,000.00
06/30/2035	6,350,000.00	317,500.00	6,667,500.00	-
Total	\$165,887,183.32	\$68,435,196.84	\$234,322,380.16	-

#### **Par Amounts Of Selected Issues**

9/15/00 Water Bonds (State Revolving Fund) - \$5,500,000	1,767,183.32
12/21/11C Refunding Bonds - \$13,605,000	13,605,000.00
7/26/12A Sewer Refunding Bonds - \$72,550,000	63,125,000.00
4/16/13A Sewer Refunding Bonds - \$19,710,000	16,685,000.00
4/16/13B Various Purpose Refunding Bonds - \$39,955,000	39,955,000.00
9/25/14 Various Purpose Refunding Bonds - \$24,305,000	24,305,000.00
6/4/15 Water & Sewer Refunding Bonds - \$18,435,000	6,445,000.00

TOTAL 165,887,183.32

GENERAL OBLIGATION MEDIUM-TERM BONDS

# \$12,700,000

City of Henderson, Nevada General Obligation (LT) Medium-Term Various Purpose and Refunding Bonds Series 2016

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
06/30/2018	-	-	-	-	-
08/01/2018	365,000.00	4.000%	306,925.00	671,925.00	-
02/01/2019	-	-	299,625.00	299,625.00	-
06/30/2019	=	-	-	=	971,550.00
08/01/2019	1,765,000.00	5.000%	299,625.00	2,064,625.00	-
02/01/2020	=	-	255,500.00	255,500.00	-
06/30/2020	=	-	-	-	2,320,125.00
08/01/2020	1,920,000.00	5.000%	255,500.00	2,175,500.00	-
02/01/2021	=	-	207,500.00	207,500.00	-
06/30/2021	=	-	-	=	2,383,000.00
08/01/2021	2,080,000.00	5.000%	207,500.00	2,287,500.00	-
02/01/2022	=	-	155,500.00	155,500.00	-
06/30/2022	=	-	-	=	2,443,000.00
08/01/2022	2,250,000.00	5.000%	155,500.00	2,405,500.00	-
02/01/2023	=	-	99,250.00	99,250.00	-
06/30/2023	=	-	-	=	2,504,750.00
08/01/2023	2,435,000.00	5.000%	99,250.00	2,534,250.00	-
02/01/2024	-	-	38,375.00	38,375.00	-
06/30/2024	=	-	-	=	2,572,625.00
08/01/2024	485,000.00	5.000%	38,375.00	523,375.00	-
02/01/2025	-	-	26,250.00	26,250.00	-
06/30/2025	-	-	-	-	549,625.00
08/01/2025	510,000.00	5.000%	26,250.00	536,250.00	-
02/01/2026	-	-	13,500.00	13,500.00	-
06/30/2026	-	-	-	-	549,750.00
08/01/2026	540,000.00	5.000%	13,500.00	553,500.00	-
06/30/2027	-	-	-	-	553,500.00
Total	\$12,350,000.00	-	\$2,497,925.00	\$14,847,925.00	-

City of Henderson, Nevada General Obligation Medium-Term Bonds

### **Aggregate Bond Balance**

Date	Principal	Interest	Total P+I	<b>Bond Balance</b>
06/30/2018	-	-	-	12,350,000.00
06/30/2019	365,000.00	606,550.00	971,550.00	11,985,000.00
06/30/2020	1,765,000.00	555,125.00	2,320,125.00	10,220,000.00
06/30/2021	1,920,000.00	463,000.00	2,383,000.00	8,300,000.00
06/30/2022	2,080,000.00	363,000.00	2,443,000.00	6,220,000.00
06/30/2023	2,250,000.00	254,750.00	2,504,750.00	3,970,000.00
06/30/2024	2,435,000.00	137,625.00	2,572,625.00	1,535,000.00
06/30/2025	485,000.00	64,625.00	549,625.00	1,050,000.00
06/30/2026	510,000.00	39,750.00	549,750.00	540,000.00
06/30/2027	540,000.00	13,500.00	553,500.00	-
Total	\$12,350,000.00	\$2,497,925.00	\$14,847,925.00	-

#### **Par Amounts Of Selected Issues**

8/30/16 Medium-Term Various Purpose & Refunding Bonds - \$12,700,000

12,350,000.00

TOTAL 12,350,000.00

# TOTAL OUTSTANDING GENERAL OBLIGATION BONDS

#### City of Henderson, Nevada Grand Total General Obligation Bonds

### **Aggregate Bond Balance**

Date	Principal	Interest	Total P+I	Principal Balance
06/30/2018	-	-	-	186,947,183.32
06/30/2019	14,863,341.58	8,212,378.19	23,075,719.77	172,083,841.74
06/30/2020	11,905,435.40	7,531,861.86	19,437,297.26	160,178,406.34
06/30/2021	10,427,974.69	7,037,587.59	17,465,562.28	149,750,431.65
06/30/2022	10,955,975.82	6,569,911.45	17,525,887.27	138,794,455.83
06/30/2023	11,509,455.83	6,068,131.43	17,577,587.26	127,285,000.00
06/30/2024	11,705,000.00	5,551,187.52	17,256,187.52	115,580,000.00
06/30/2025	10,145,000.00	5,088,318.76	15,233,318.76	105,435,000.00
06/30/2026	9,515,000.00	4,631,281.26	14,146,281.26	95,920,000.00
06/30/2027	9,975,000.00	4,154,781.26	14,129,781.26	85,945,000.00
06/30/2028	9,995,000.00	3,669,531.26	13,664,531.26	75,950,000.00
06/30/2029	10,495,000.00	3,169,781.26	13,664,781.26	65,455,000.00
06/30/2030	10,895,000.00	2,749,937.50	13,644,937.50	54,560,000.00
06/30/2031	11,345,000.00	2,354,550.00	13,699,550.00	43,215,000.00
06/30/2032	11,800,000.00	1,897,550.00	13,697,550.00	31,415,000.00
06/30/2033	12,270,000.00	1,438,550.00	13,708,550.00	19,145,000.00
06/30/2034	12,795,000.00	889,950.00	13,684,950.00	6,350,000.00
06/30/2035	6,350,000.00	317,500.00	6,667,500.00	-
Total	\$186,947,183.32	\$71,332,789.34	\$258,279,972.66	-

#### **Par Amounts Of Selected Issues**

12/21/11A Refunding Bonds - \$18,245,000	7,575,000.00
12/21/11B Refunding Bonds - \$2,710,000	1,135,000.00
9/15/00 Water Bonds (State Revolving Fund) - \$5,500,000	1,767,183.32
12/21/11C Refunding Bonds - \$13,605,000	13,605,000.00
7/26/12A Sewer Refunding Bonds - \$72,550,000	63,125,000.00
4/16/13A Sewer Refunding Bonds - \$19,710,000	16,685,000.00
4/16/13B Various Purpose Refunding Bonds - \$39,955,000	39,955,000.00
9/25/14 Various Purpose Refunding Bonds - \$24,305,000	24,305,000.00
6/4/15 Water & Sewer Refunding Bonds - \$18,435,000	6,445,000.00
8/30/16 Medium-Term Various Purpose & Refunding Bonds - \$12,700,000	8,345,000.00
8/30/16 Medium-Term Various Purpose & Refunding Bonds - \$12,700,000	8,345,000.00

TOTAL 186,947,183.32