Miller Ranch Townhome Association Reserve Study



Reserve Study Project No. 16016

Prepared for Miller Ranch Townhome Association Edwards, Colorado

Prepared by Borne Consulting

P.O. Box 3890 Parker, Colorado 80134

September 26, 2016

TABLE OF CONTENTS Miller Ranch Townhome Association

Reserve Study Summary	1
Reserve Study Component Report	3
Reserve Component Detail	11
Reserve Study Annual Expenditure Spread Sheet	12
Reserve Study Annual Expenditure Detail	18
Preliminary Reserve Study Summary	25
Preliminary Reserve Study Projection	26

Introduction

Borne Consulting has been commissioned by the Miller Ranch Townhome Association to prepare a Reserve Study Update. The purpose of this Reserve Study update is to evaluate the common-area components for major repair, maintenance and replacement that are the responsibility of the Association. This Study provides a limited-scope evaluation of the existing condition and remaining life of the common-area components. The Study also includes estimated costs for the major repair, maintenance and/or replacement of the items to enable the Association to establish an adequate level of reserve funds for the upkeep of the property. Major repair, maintenance and/or replacement items are defined as anything that costs over \$1,000.

Community Description

Miller Ranch Townhome Association consists of 7 buildings that house 49 townhome-style residences that were built between 2003 and 2004. The Association maintenance responsibilities consist of asphalt driveways, wood fencing, painting associated with garage doors and exterior façade, and roofs.

Approach

To prepare this Reserve Study Projection, Borne Consulting has completed the necessary research, the component report, the cost estimates, the financial projections, and the projection interpretation.

The projections were assembled using the cash flow method. This method develops a reserve funding plan where contributions to the reserve fund are designed to offset the variable annual expenditures from the reserve fund. Different reserve funding plans are tested against the anticipated schedule of reserve expenses until a desired funding program is achieved.

Reference Material

The following references were provided to Borne Consulting for this Reserve Study update by the client:

- 2016 financial information
- Interest rate earned on invested capital funds
- Historical expense and past capital project information

Exclusions

Items not included in this Projection Update are:

- Non- common area components.
- Association components that have estimated costs below the reserve component threshold amount of \$1,000.
- Long lasting items with estimated economic lives exceeding 30 years, such as sanitary sewers or building structural components. However, these items are included if they are known to have a fairly predictable anticipated useful life that falls within the term of the Study.
- Normal operating items, i.e., taxes, insurance, snow plowing, utilities, cleaning and landscape maintenance, etc.

Disclaimer

This Reserve Study was prepared specifically for Miller Ranch Townhome Association. The information contained within this document has been assembled in conjunction with the client and is intended to assist the client with its reserve planning and funding. Borne Consulting does not guarantee, either explicitly or implied, that all repair and replacement items have been identified, the accuracy of the probable costs or the component lives.

In providing the opinions of probable replacement costs, the client understands that Borne Consulting has no control over costs or the price of labor, equipment or materials, or over the contractor's method of pricing, and that the opinions of probable replacement costs provided herein are made on the basis of Borne Consulting's qualifications and experience. Borne Consulting makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to actual bid or construction costs.

All comments made are based on conditions seen at the time of the site visit. We do not accept any responsibility for unknown or unknowable conditions within the existing site or structures.

Reserve Study Component Report

A. Paving

A1. Asphalt Drives

Location: Driveways associated with detached garages for the townhome units.

Description: Estimated 10,340 square feet of 10 feet wide, presumed recycled bituminous asphalt pavement.

Condition: Good condition with low grade raveling/weathering noted.

Preventative Maintenance

Seal Coating protects asphalt from ultraviolet rays and water, which helps to slow the process of oxidation and raveling. The goal of seal coat is create a waterproof, protective coating that can increase the life of an Associations pavement and improve appearance. *Source: Rocky Mountain Pavement*

Crack seal is a long term, cost effective way to maintain the life of an Associations pavement. It seals the cracks from water intrusion and other damaging factors. Material is applied hot to create a bond with the existing pavement as a defense against pavement deterioration. *Source: Rocky Mountain Pavement*

Corrective Maintenance

Asphalt overlays are an application of a layer of bituminous material to an existing surface. The benefits of asphalt overlays is that it adds structural strength to the existing surface, can improve drainage, reestablishes proper grade and smooth ride, and can be less expensive than complete removal and replacement. Asphalt milling may be needed in areas where curb and gutters are present. *Source: Rocky Mountain Pavement*

Conventional Patching repairs sub-grade failures by removing existing asphalt, possible excavation of subgrade material, possible addition of compacted fill material, and replacement of asphalt. The benefits to patchwork is that it stabilizes sub-grade material, re-establish proper drainage, and permanent and long lasting. *Source: Rocky Mountain Pavement*

Age: Estimated 12-13 years old.

Expected Useful Life: 15 to 20 years with maintenance.

Effective Useful Life: 5 to 6 years.

- Cyclically seal coat and crack fill the asphalt surface every 3 years, starting in 2018.
- Mill and overlay and/or full depth patch replace the asphalt associated with the parking areas every 18 years, starting in 2023. Prior to this work, we recommend contacting an engineer to recommend the most cost-effective way to perform the work.



B. Landscaping and Appurtenances

B1. Wood Fencing

Location: End townhome units adjacent to streets and common areas.

Description: 885 linear feet of 6-foot high, wood privacy fencing.

Condition: Good to fair condition with damaged and/or missing wood pickets noted.

Age: Estimated 12-13 years old.

Expected Useful Life: 14 to 16 years with maintenance.

Effective Useful Life: 4 to 6 years.

- Cyclically stain or seal the wood fencing every 5 years, starting in 2016.
- Cyclically remove and replace approximately 1/3 of the wood fencing every 5 years, starting in 2020.



C. Façade

C1. Siding and Trim

Location: Exterior of townhome units and detached garages associated with the townhomes.

Description: Cementitious lap siding and hard board products installed as fascia, soffit, paneling, and window and door trim.

Condition: Good to fair condition.

Age:

- Paint Estimated 5 to 6 years old.
- Siding and Trim Estimated 12-13 years old.

Expected Useful Life:

- Paint 0 to 1 years.
- Siding and Trim 30 to 40 years.

Effective Useful Life:

- Paint 0 to 1 years.
- Siding and Trim 18 to 28 years.

- Cyclically prep and paint the siding and trim and replace any damaged or deteriorated sections every 7 years, starting in 2022.
- Remove and replace the siding and trim in 2040.



C2. Metal Building Features

Location: Exterior of several townhome units.

Description: 2,580 square feet of 2-foot wide corrugated metal panels fastened to townhome framing components.

Condition: Good condition.

Age: Estimated 12-13 years old.

Expected Useful Life: 30 to 40 years.

Effective Useful Life: 24 to 34 years.

- Remove and replace metal paneling in 2040.
- Annually inspect the surface and fasteners along with repair any damaged paneling sections. This cost is not included in the Study because normally associations perform this as a maintenance item and the cost is considered an operating expense.



C3. Garage Buildings and Doors

Location: At the vehicular entrances to the detached townhome garages.

Description: Garage buildings with 7-foot tall panelized metal garage doors.

Condition: The paint associated with the garage doors is in good condition. We were informed that the Association is only responsible for the painting of the garage doors.

Age:

• Paint – Expected to be painted in 2016.

Expected Useful Life:

• Paint - 5 to 7 years.

Effective Useful Life:

• Paint - 7 years.

Action(s):

• Cyclically prep and paint the garages every 7 years, starting in 2023.



D. Roofing

D1. Asphalt Shingled Roofs

Location: On the roofs of all the townhome buildings and detached garages associated with the townhomes.

Description: Estimated 853 squares of laminated asphalt shingles over a membrane.

Condition: The roofs appeared to be in good condition, based only on the visual characteristics of the shingle material.

Age: Estimated 12 years old.

Expected Useful Life: 15 to 20 years due to mountainous climate.

Effective Useful Life: 9 years.

Action(s):

• Cyclically remove and replace the asphalt shingled roofs every 20 years, starting in 2025.



D2. Gutters, Downspouts and Extensions

Location: At the roof edges of all the townhome buildings and detached garages associated with the townhomes.

Description: Estimated 2,303 linear feet of aluminum gutters, downspouts, and extensions.

Condition: Good to fair condition overall. We noted some areas where the arrangement of the downspout extensions is displacing landscaping materials and other locations where the current geometry is unsatisfactory for effectively conveying the stormwater discharge from the downspouts.

Age: Estimated 12 years old.

Expected Useful Life: 15 years due to mountainous climate.

Effective Useful Life: 9 years due to mountainous climate.

- Cyclically prep and paint the gutters, downspouts, and extensions associated with driveway side of the detached garages. Also replace any damaged or deteriorated sections for all the gutters, downspouts, and extension regarding the detached garages and the townhome units every 5 years, starting in 2020.
- Cyclically remove and replace gutters, downspouts, and extensions every 15 years, starting in 2020.



D3. Heat Tape

Location: Within the gutters and downspouts of several townhome units.

Description: Unknown brand, phasing, and quantity.

Condition: Good to fair condition. A budget will be set for \$4000 per year, plus inflation, for the life of this Study. Budget could be used for repairing and/or additional installation of heat tape applications for various townhome units.

Age: Varies.

Expected Useful Life: 20 to 25 years.

Effective Useful Life: Varies.

Action(s):

• Cyclically inspect, repair and/or install additional heat tape cables for selected townhome units and detached garages every year, starting in 2016.



Miller Ranch Townhome Association RA Reserve Component Detail

	Serie Serie	2 48 4 100 4 100 4	r. 'nen'	\$_\$	Rensi Herr		××	
Description	0° 50	60 ×0		40.	4	yiis Jiis	Sti OS	
Asphalt Drives Cyclically seal coat and crack fill Engineering fees for asphalt evaluation Mill and overlay and/or full depth patc Asphalt Drives - Total	2012 2027 2004	2018 2027 2022	3 18 18	3 0 0	2 11 6	10,340 square feet 1 Unit 5,170 square feet	0.25 5,000.00 3.50	2,585 5,000 <u>18,095</u> \$25,680
Wood Fencing Cyclically remove and replace wood fe Cyclically stain or seal Wood Fencing - Total	2016 2011	2016 2021	15 5	0 0	0 5	294 linear feet 885 linear feet	33.11 6.00	9,766 <u>5,310</u> \$15,076
Siding and Trim Cyclically prep and paint the siding and. Remove and replace Siding and Trim - Total	. 2015 2004	2022 2040	7 35	0 1	6 24	103,061 square feet 97,314 square feet	1.50 4.08	154,591 <u>397,041</u> \$551,633
Metal Building Features Remove and replace the metal paneling Metal Building Features - Total	2004	2040	35	1	24	2,580 square feet	12.00	<u>30,960</u> \$30,960
Garage and Garage Doors Cyclically paint the garage doors Garage and Garage Doors - Total	2016	2023	7	7	7	1 UT	26,400.00	<u>26,400</u> \$26,400
Asphalt Shingled Roofs Remove and replace the asphalt shingl Asphalt Shingled Roofs - Total	2004	2025	20	1	9	853 squares	500.00	<u>426,500</u> \$426,500
Gutters, Downspouts and Externa Remove and replace gutters, downspo Gutters, Downspouts and Extensions	2004	s 2020	15	1	4	2,303 linear feet	10.50	<u>24,181</u> \$24,181
Heat Tape Repair and/or install additional heat ta Heat Tape - Total	2010	2016	1	0	0	1 Unit	4,000.00	<u>4,000</u> \$4,000
Total Asset Summary								\$1,104,431

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Description										
Asphalt Drives			2 7 4 2			2 007			2 275	
Cyclically seal coat and crack fill Engineering fees for asphalt evaluation			2,742			2,997			3,275	
Mill and overlay and/or full depth patch re							21,606			
Asphalt Drives Total:			2,742			2,997	21,606		3,275	
Wood Fencing										
Cyclically remove and replace wood fencing Cyclically stain or seal	9,766					11,322 6,156				
Wood Fencing Total:	9,766					17,478				
Siding and Trim						-				
Cyclically prep and paint the siding and tri							184,590			
Remove and replace							404 500			
Siding and Trim Total:							184,590			
Metal Building Features										
Remove and replace the metal paneling Metal Building Features Total:										
Garage and Garage Doors										
Cyclically paint the garage doors								32,469		
Garage and Garage Doors Total:								32,469		
Asphalt Shingled Roofs										
Remove and replace the asphalt shingled										556,486
Asphalt Shingled Roofs Total:										556,486
Gutters, Downspouts and Extensions					07.04/					
Remove and replace gutters, downspouts Gutters, Downspouts and Extensions Tota	1:				27,216 27,216					
•					27,210					
Heat Tape Repair and/or install additional heat tape	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219
Heat Tape Total:	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067	5,219

Miller Ranch Townhome Association RA Reserve Study Annual Expenditure Spread Sheet										
Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Year Total:	13,766	4,120	6,986	4,371	31,719	25,112	210,973	37,388	8,342	561,705

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Description										
Asphalt Drives										
Cyclically seal coat and crack fill		3,578			3,910			4,273		
Engineering fees for asphalt evaluation		6,921								
Mill and overlay and/or full depth patch re										
Asphalt Drives Total:		10,499			3,910			4,273		
Wood Fencing										
Cyclically remove and replace wood fencing	13,125					15,216				
Cyclically stain or seal	7,136									
Wood Fencing Total:	20,262					15,216				
Siding and Trim										
Cyclically prep and paint the siding and tri				227,023						
Remove and replace				,						
Siding and Trim Total:				227,023						
Metal Building Features										
Remove and replace the metal paneling										
Metal Building Features Total:										
0										
Garage and Garage Doors										
Cyclically paint the garage doors					39,932					
Garage and Garage Doors Total:					39,932					
Asphalt Shingled Roofs										
Remove and replace the asphalt shingled										
Asphalt Shingled Roofs Total:										
Gutters, Downspouts and Extensions										
Remove and replace gutters, downspouts										42,402
Gutters, Downspouts and Extensions Tot	al·									42,402
-										72,702
Heat Tape										
Repair and/or install additional heat tape	5,376	5,537	5,703	5,874	6,050	6,232	6,419	6,611	6,810	7,014
Heat Tape Total:	5,376	5,537	5,703	5,874	6,050	6,232	6,419	6,611	6,810	7,014

Description	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	
Year Total:	25,637	16,036	5,703	232,897	49,893	21,448	6,419	10,884	6,810	49,416	

	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
Description										
Asphalt Drives										
Cyclically seal coat and crack fill	4,669			5,102			5,575			6,092
Engineering fees for asphalt evaluation					27 202					11,783
Mill and overlay and/or full depth patch re Asphalt Drives Total:	4,669			5,102	36,783 36,783		5,575			17,875
Asphalt Drives Total:	4,009			5,102	30,783		5,575			17,875
Wood Fencing										
Cyclically remove and replace wood fencing	17,639					20,449				
Cyclically stain or seal	9,590					11,118				
Wood Fencing Total:	27,230					31,567				
Siding and Trim										
Cyclically prep and paint the siding and tri	279,209							343,392		
Remove and replace					807,103					
Siding and Trim Total:	279,209				807,103			343,392		
Metal Building Features										
Remove and replace the metal paneling					62,935					
Metal Building Features Total:					62,935					
5					,,					
Garage and Garage Doors		10 110							(0.101	
Cyclically paint the garage doors		49,112							60,401	
Garage and Garage Doors Total:		49,112							60,401	
Asphalt Shingled Roofs										
Remove and replace the asphalt shingled										1,005,075
Asphalt Shingled Roofs Total:									1	,005,075
Gutters, Downspouts and Extensions										
Remove and replace gutters, downspouts										
Gutters, Downspouts and Extensions To	tal:									
-										
Heat Tape	7 004	7 4 4 4	7 / / /	7 00 1	0 1 0 1	0.075	0.404	0.005	0.450	0.407
Repair and/or install additional heat tape	7,224	7,441	7,664	7,894	8,131	8,375 9,275	8,626	8,885	9,152	9,426
Heat Tape Total:	7,224	7,441	7,664	7,894	8,131	8,375	8,626	8,885	9,152	9,426

Description	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
Year Total:	318,332	56,553	7,664	12,996	914,953	39,942	14,201	352,278	69,5531,0	32,376

Description	Expenditures
Replacement Year 2016 Wood Fencing	
Cyclically remove and replace wood fencing	9,766
Heat Tape Repair and/or install additional heat tape	4,000
Total for 2016	\$13,766
Replacement Year 2017	
Heat Tape	4 4 9 9
Repair and/or install additional heat tape Total for 2017	4,120 \$4,120
	ψ1,120
Replacement Year 2018 Asphalt Drives	
Cyclically seal coat and crack fill	2,742
Heat Tape Repair and/or install additional heat tape	4,244
Total for 2018	\$6,986
Replacement Year 2019	
Heat Tape Repair and/or install additional heat tape	4,371
Total for 2019	\$4,371
Poplacoment Vear 2020	
Replacement Year 2020 Gutters, Downspouts and Extensions	
Remove and replace gutters, downspouts and extensions	27,216
Heat Tape Repair and/or install additional heat tape	4,502
Total for 2020	\$31,719
Replacement Year 2021	
Asphalt Drives	2 007
Cyclically seal coat and crack fill Wood Fencing	2,997
Cyclically remove and replace wood fencing	11,322

Description	Expenditures
Replacement Year 2021 continued Cyclically stain or seal	6,156
Heat Tape Repair and/or install additional heat tape	4,637
Total for 2021	\$25,112
Replacement Year 2022	
Asphalt Drives Mill and overlay and/or full depth patch replacement	21,606
Siding and Trim	l or dotableren
Cyclically prep and paint the siding and trim and replace any damaged Heat Tape	I OI CIELERIMENSIAD
Repair and/or install additional heat tape	4,776
Total for 2022	\$210,973
Replacement Year 2023	
Garage and Garage Doors Cyclically paint the garage doors	32,469
Heat Tape Repair and/or install additional heat tape	4,919
Total for 2023	\$37,388
Replacement Year 2024	
Asphalt Drives	3,275
Cyclically seal coat and crack fill Heat Tape	3,275
Repair and/or install additional heat tape	5,067
Total for 2024	\$8,342
Replacement Year 2025	
Asphalt Shingled Roofs Remove and replace the asphalt shingled roofs	556,486
Heat Tape Repair and/or install additional heat tape	5,219
Total for 2025	\$561,705

Description	Expenditures
Replacement Year 2026	
Wood Fencing Cyclically remove and replace wood fencing Cyclically stain or seal	13,125 7,136
Heat Tape Repair and/or install additional heat tape	5,376
Total for 2026	\$25,637
Replacement Year 2027	
Asphalt Drives Cyclically seal coat and crack fill Engineering fees for asphalt evaluation	3,578 6,921
Heat Tape Repair and/or install additional heat tape	5,537
Total for 2027	\$16,036
Replacement Year 2028	
Heat Tape Repair and/or install additional heat tape	5,703
Total for 2028	\$5,703
Replacement Year 2029 Siding and Trim	
Cyclically prep and paint the siding and trim and replace any damage Heat Tape	d or deteeliona23
Repair and/or install additional heat tape	5,874
Total for 2029	\$232,897
Replacement Year 2030 Asphalt Drives	
Cyclically seal coat and crack fill	3,910
Garage and Garage Doors Cyclically paint the garage doors	39,932
Heat Tape Repair and/or install additional heat tape	6,050
Total for 2030	\$49,893

Description	Expenditures
Replacement Year 2031 Wood Fencing	
Cyclically remove and replace wood fencing	15,216
Heat Tape Repair and/or install additional heat tape	6,232
Total for 2031	\$21,448
Replacement Year 2032	
Heat Tape Repair and/or install additional heat tape	6,419
Total for 2032	\$6,419
Replacement Year 2033	
Asphalt Drives Cyclically seal coat and crack fill	4,273
Heat Tape Repair and/or install additional heat tape	6,611
Total for 2033	\$10,884
Replacement Year 2034	
Heat Tape Repair and/or install additional heat tape	6,810
Total for 2034	\$6,810
Replacement Year 2035	
Gutters, Downspouts and Extensions Remove and replace gutters, downspouts and extensions	42,402
Heat Tape Repair and/or install additional heat tape	7,014
Total for 2035	\$49,416
Replacement Year 2036	
Asphalt Drives Cyclically seal coat and crack fill	4,669
Wood Fencing	4,007
Cyclically remove and replace wood fencing	17,639

Description	Expenditures
Replacement Year 2036 continued Cyclically stain or seal	9,590
Siding and Trim Cyclically prep and paint the siding and trim and replace any damaged	lordet 27i0,12 0.9
Heat Tape Repair and/or install additional heat tape	7,224
Total for 2036	\$318,332
Replacement Year 2037	
Garage and Garage Doors Cyclically paint the garage doors	49,112
Heat Tape Repair and/or install additional heat tape	7,441
Total for 2037	\$56,553
Replacement Year 2038	
Heat Tape Repair and/or install additional heat tape	7,664
Total for 2038	\$7,664
Replacement Year 2039	
Asphalt Drives Cyclically seal coat and crack fill	5,102
Heat Tape Repair and/or install additional heat tape	7,894
Total for 2039	\$12,996
Replacement Year 2040	
Asphalt Drives Mill and overlay and/or full depth patch replacement	36,783
Siding and Trim Remove and replace	807,103
Metal Building Features Remove and replace the metal paneling	62,935
Heat Tape Repair and/or install additional heat tape	8,131
Total for 2040	\$914,953

Description	Expenditures
Replacement Year 2041	
Wood Fencing	
Cyclically remove and replace wood fencing	20,449
Cyclically stain or seal	11,118
Heat Tape	
Repair and/or install additional heat tape	8,375
Total for 2041	\$39,942
Replacement Year 2042	
Asphalt Drives	
Cyclically seal coat and crack fill	5,575
Heat Tape	
Repair and/or install additional heat tape	8,626
Total for 2042	\$14,201
	$\varphi = 201$
Replacement Year 2043	
•	
Siding and Trim	d or dotatior200
Cyclically prep and paint the siding and trim and replace any damage	en ol neroennohousz
Heat Tape	0.005
Repair and/or install additional heat tape	8,885
Total for 2043	\$352,278
Replacement Year 2044	
•	
Garage and Garage Doors	(0.404
Cyclically paint the garage doors	60,401
Heat Tape	
Repair and/or install additional heat tape	9,152
Total for 2044	\$69,553
	•
Replacement Year 2045	
Asphalt Drives	
Cyclically seal coat and crack fill	6,092
Engineering fees for asphalt evaluation	11,783
Asphalt Shingled Roofs	
Remove and replace the asphalt shingled roofs	1,005,075
Remove and replace the asphart shingled roots	1,003,075

Description	Expenditures
<i>Replacement Year 2045 continued</i> Heat Tape	
Repair and/or install additional heat tape	9,426
Total for 2045	\$1,032,376

Miller Ranch Townhome Association RA Preliminary Reserve Study Summary

Report Date	September 26, 2016
Account Number	10014.1
Budget Year Beginning	June 01, 2016
Budget Year Ending	May 31, 2017
Total Units	49
Phase Development	1 of 1

Report Parameters		
Inflation	3.00%	
Interest Rate on Reserve Deposi	t 0.57%	
Contingency	1.00%	
2016 Beginning Balance	\$81,142.00	

Preliminary Funding Model Summary of Calculations		
Required Monthly Contribution	\$3,333.33	
<i>\$68.03 per unit monthly</i> Average Net Monthly Interest Earned	\$42.40	
Total Monthly Allocation to Reserves \$68.89 per unit monthly	\$3,375.73	

Miller Ranch Townhome Association RA Preliminary Reserve Study Projection

Beginning Balance: \$81,142

0				Projected
	Annual	Annual	Annual	Ending
Year	Contribution	Interest	Expenditu	res Reserves
			·	
2016	40,000	509	13,766	107,884
2017	46,000	735	4,120	150,500
2018	52,900	984	6,986	197,397
2019	60,835	1,291	4,371	255,153
2020	69,960	1,493	31,719	294,888
2021	80,454	1,791	25,112	352,021
2022	92,522	1,092	210,973	234,663
2023	106,401	1,456	37,388	305,132
2024	122,361	2,075	8,342	421,226
2025	140,715		561,705	236
2026	161,822	355	25,637	136,776
2027	186,096	1,266	16,036	308,101
2028	186,096	2,304	5,703	490,798
2029	186,096	2,049	232,897	446,046
2030	186,096	2,840	49,893	585,088
2031	186,096	3,797	21,448	753,533
2032	186,096	4,845	6,419	938,055
2033	186,096	5,874	10,884	1,119,141
2034	186,096	6,932	6,810	1,305,359
2035	186,096	7,753	49,416	1,449,792
2036	186,096	7,042	318,332	1,324,597
2037	186,096	7,822	56,553	1,461,962
2038	186,096	8,887	7,664	1,649,280
2039	186,096	9,927	12,996	1,832,306
2040	186,096	5,818	914,953	1,109,267
2041	186,096	6,687	39,942	1,262,108
2042	186,096	7,707	14,201	1,441,709
2043	186,096	6,802	352,278	1,282,329
2044	186,096	7,506	69,553	1,406,378
2045	186,096	2,713	1,032,376	562,811