# **RESERVE STUDY SPECIALISTS** P.O. BOX 9178, CALABASAS, CA 91372 TEL: 818-992-1312 FAX: 818-992-1338



# **RIO BRAVO COMMUNITY ASSOCIATION**

# **FULL RESERVE STUDY**

February 29, 2020 for Fiscal Year 2020

# **RESERVE STUDY SPECIALISTS** P.O. BOX 9178, CALABASAS, CA 91372

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RIO BRAVO COMMUNITY ASSOCIATION February 29, 2020

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#### **Initial Reserves**

Initial reserves for this Reserve Study is known to be \$53,456 as of December 31, 2019. As per information provided by the Association the reserve balance at study start date of January 01, 2020 is projected to be \$53,456.

#### **Reserve Funding Goal**

The baseline reserve funding goal is to plan the minimum reserve account balance consistent with cash demands of maintenance and replacement of reserve items annually. (Baseline Funding)

#### **Depth of Study**

Full Service Reserve Study with Field Inspection. A field inspection was made to verify the existing condition of the various reserve study components, their physical condition, and to verify component quantities. In place testing, laboratory testing, and non-destructive or destructive testing of the reserve study components were not performed. Field measurements of component quantities were made, where necessary, to determine quantities of various components.

#### Statement

Reserve Study Specialists is pleased to present to the Board of Directors the requested Reserve Funding Study. We believe that you will find the attached study thorough and complete. After you have had an opportunity to review the report you may have questions. Please do not hesitate to write or call, we would be pleased to answer any questions you may have.

#### **Project Description**

Rio Bravo Community Association is a 379 unit planned-unit development built in 1980. The Association maintains the private roads, concrete curb, gutter & walks, entry barriers, vehicle transponder system, guardhouse, fences & walls, common area landscaping, irrigation system, security cameras & recording, street lighting, monuments & sings and other common area components.

Fiscal Calendar Year Begins	January 01
Reserve Study by Fiscal Calendar Year Starting	January 01, 2020
Funding Study Length	30 Years
Number of Dues Paying Members	379
Reserve Balance as of January 01, 2020	\$53,456
Annual Inflation Rate	3%
Tax Rate on Reserve Interest	25%
Minimum Reserve Account Balance	\$0
Dues Change Period	1 Year
Quarterly Dues	\$157.53(2019)

#### **Summary of Financial Assumptions**

#### **Reserve Study Assumptions**

- Cost estimates and financial information are accurate and current.
- No unforeseen circumstances will cause a significant reduction of reserves.
- Sufficient comprehensive property insurance exists to protect from insurance risks.
- The association plans to continue to maintain the existing common area and amenities.
- Reserve payments occur at the end of every calendar month.
- Expenses occur at the end of the expense year.

#### **Impact of Component life**

The projected life expectancy of the major components and the reserve funding needs of the association are closely tied. Performing the appropriate routine maintenance for each major component generally increases the component useful life, effectively moving the component expense into the future, which reduces the reserve funding payments of the association.

Failure to perform such maintenance can shorten the remaining useful life of the major components, bringing the replacement expense closer to the present, which increases the reserve funding payments of the association.

#### **Study Method**

Funding studies may be done in several ways, but we believe that the value of a meaningful funding study lies in the details. "Bulk" studies are quick, usually inexpensive, and almost always border on worthless.

In this study, we have used the "Component" method because it is the only method, which allows scrutiny of the funding details. The method is pragmatic, and allows human judgment and experience to enter into the equation.

Unless noted otherwise, the present cost of every reserve item in this report has been estimated using the "National Construction Estimator", a nationally recognized standard, and modified by an area cost adjustment factor.

Where possible, known costs have been used. In addition, every reserve item has been given an estimated remaining useful life, an estimated useful life when new, and has been cast into the future to determine the inflated cost.

Equal annual payments are calculated for each reserve item based upon a payment starting year and a payment ending year using the end of period payment method. Interest earned on accumulated reserve funds and taxes on the reserve interest are also calculated. Initial reserve funds are consumed as expenses occur.

As you review this report, we are certain that you will appreciate the level of detail provided, allowing you to review each reserve item in detail.

#### **Summary of Findings**

Reserve Study Specialists has estimated future projected expenses for the association based upon preservation of existing improvements.

The attached funding study is limited in scope to those expense items listed in the reserve study.

Of primary concern is the preservation of a positive funding balance with funds sufficient to meet projected expenses throughout the study life. Based upon the attached funding study, it is our professional opinion that annual reserve contributions as shown in the attached study will realize this goal. The association warrants that the information provided to Reserve Study Specialists, including but not limited to that information contained in the attached reserve study, that the maintenance records are complete and accurate, and that Reserve Study Specialists may rely upon such information and documents without further verification or corroboration.

Where the age of a particular Reserve Item (as listed in the Reserve Study) is unknown, the association shall provide to Reserve Study Specialists best-estimated age of that item. If the association is unable to provide and estimate of a Reserve Item's age, Reserve Study Specialists shall make its own estimate of age of the Reserve Item. The Reserve Study is created for the association's use, and is a reflection of information provided to Reserve Study Specialists. This information is not for the purpose of performing an audit, historical records, quality or forensic analyses.

#### **Special Assessments**

Special assessments are not required in this reserve study, unless specified in the funding plan, provided the Board of Directors and association members adopt this reserve study as submitted. Any material change from the recommended reserve contributions may result in special assessments in future.

#### **Percent Funded**

Many reserve studies use the concept of "Percent Funded" to measure the reserve account balance against a theoretically perfect value. Percent Funded is often used as a measure of the "Financial Health" of an association. The assumption is, the higher the percentage, the greater the "Financial Health". The question of substance is simply: How much is enough? To answer the question, some understanding of Percent Funded is required. Percent Funded is defined as the current cash reserves divided by the Fully Funded value at any instant in time. Fully Funded value is defined as the total depreciated value or accrued liability of all reserve items.

Most reserve items with a remaining life greater than the study life are not included in the calculation unless they are specifically instructed by the HOA to be included. For example; building framing, foundations, water lines, and other long-lived items that fall outside the envelope of the reserve study are excluded from the calculation. Percent Funded is then, the current reserve balance divided by the Fully Funded value multiplied by 100 (to give a percentage). The concept of percent funded is useful when the reserve study is comprehensive, but misleading when the reserve study is superficial or constrained. As a result, we recommend that the statement "Percent Funded" be used with caution.

This study will attempt to achieve a fully-funded reserves (100% funded) during the length of the study.

#### **Keeping Your Reserve Study Current**

Reserve Study Specialists believes that funding studies are an essential part of property management. People and property are constantly changing and evolving. As a result, the useful life of a funding study is at best a few years and certainly not more than three years.

This reserve study should be updated to remain an accurate estimation of reserve funding:

- At changes in interest rates
- At changes in inflation rates
- At changes in the number of dues paying members
- Before starting new improvements
- Before making changes to the property
- After a flood or fire
- After the change of ownership or management
- After Annexation or Incorporation

#### **Statement of Qualifications**

Reserve Study Specialists is a professional in the business of preparing reserve studies for community associations. I have inspected the association improvements, and have made a complete review of all components required to complete a reserve study. I have completed a physical inspection of the components listed in this reserve study. My inspection included a review of current condition, economic life, remaining useful life, and replacement cost of all components included in this reserve study. No destructive testing was done.

#### **Conflict of Interest**

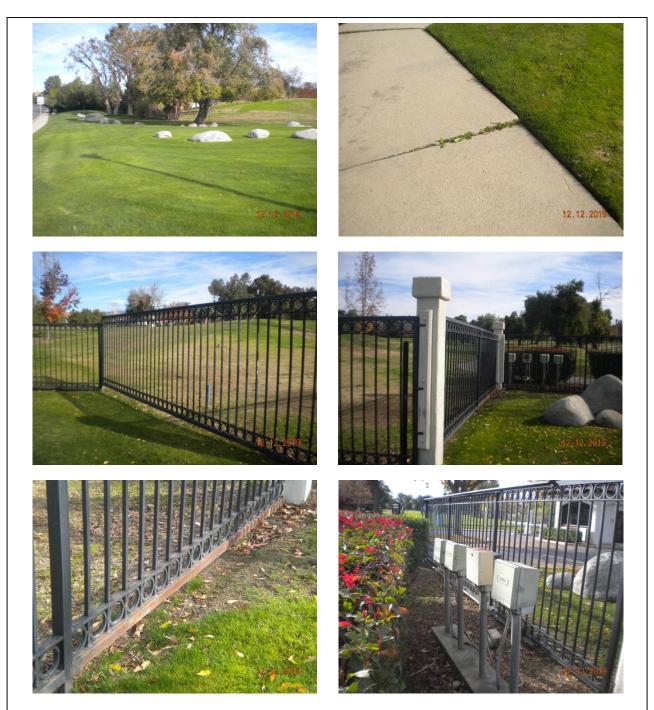
As the preparer of this reserve study, Reserve Study Specialists certifies that we do not have any vested interests, financial interests, or other interests that would cause a conflict of interest in the preparation of this reserve study.

Reserve Study Specialists would like to thank the association for the opportunity to be of service in the preparation of the attached Funding Study. Again, please feel free to write or call at our letterhead address if you have any questions.

Prepared by:

Fred Etemad, PhD CEO





Visual Condition of Complex at the time of Inspection









Visual Condition of Complex at the time of Inspection















### **RESERVE COMPONENTS**

### **RIO BRAVO CA**

Fiscal Year End Dec 31      Repair      Repair      Repair      Total Rem      Unit        Reserve Components      Cost      Life      Life      Quantity      Unit      Cost      Description        Parameter Components      Cost      Life      Life      Life      Quantity      Unit      Cost      Description        Parameter Components      13048      5      5      106884 sq.ft      0.12      Asphalt Sealcoat & Stripting budget every 5 years        2-Asphalt Cut Repair      140510      10      10      5 each      902200      Asphalt Repoir (Parameter Parameter Parame	Inflation Rate	%	3	Current					
Reserve ComponentsCostLifeLifeLifeLifeQuantityUnitCostDescriptionReserve Components1 - Asphalt Seatocat & Striping1304855106884 sq ft0.12Asphalt cut & patch, minor repair, at 3% of total every 10 years2 - Asphalt Cut & Patch, Crack FII310033105100884 sq ft5.0Asphalt cut & patch, minor repair, at 3% of total every 10 years3 - Speed Bumps451010105seach902.00Asphalt speed bumps repair/replace/stripe budget every 10 years4 - Asphalt Remove & Replace702431612519100884 sq ft3.22Asphalt memove/replace at 70% or 100% overlay every 25 years5 - Fire Lane Striping146351336 ft1.75Fire lane striping budget every 5 years6 - Concrete Curb & Gutter Repair5106861057124 ft30.00Concrete curb & gutter repair/replace budget at 5% of total every 10 years7 - Concrete Curb & Gutter Repair1532101041070 sq ft20.00Concrete curb & gutter repair/splace budget at 5% of total every 10 years9 - Metal Fences Replace5052332061161 ft1.25Metal fences repair & gaint budget every 10 years1 - Struer Pole Lights, Lantern, Part 1221035679.46150.00Struce columns repair budget every 10 years1 - Struer Pole Lights, Lantern, Part 2250035251acch2500.00Str	Fiscal Year End Dec 31		Repair	Replace	Fored	cast			
ROAD MAINTENANCE      1-Asphalt Sealcoat & Striping      13048      5      5      106884 sq ft      0.12      Asphalt Cut & Patch, Crack Fill      3      16000        2-Asphalt Cut & Patch, Crack Fill      3      16030      5      106884 sq ft      5.00      Asphalt Cut & Patch, Imioor repair, at 3% of total every 10 years        3-Speed Bumps      4510      10      10      5      ach      902.00      Asphalt Remove & Replace      70      243161      25      19      106884 sq ft      3.25      Asphalt Remove & Replace      70% or 100% overlay every 25 years        5-Fire Lane Striping      1463      5      1      86 ft      1.75      Fire lane striping budget every 5 years        CONCRETE REPAIR      5      106866      10      5      7124 ft      30.00      Concrete walk repair/replace movel budget at 5% dotal every 10 years        FENCES & WALLS      5      1070 sq ft      20.00      Concrete walk repair/replace budget at 5% dotal every 10 years        1- Stucco Columns Repair      1225      10      6      7 each      175.00      Stucco columns repair budget every 10 years        1- Stuce Tole Lights, Lantem, Part 1      25000      35			%	Repair	Total	Rem		Unit	
1-Asphall Sealooat & Striping    13048    5    5    106884 sq ft    0.12    Asphalt cut & patch, Crack Fill    3    16033    10    5    106884 sq ft    0.00    Asphalt cut & patch, Crack Fill    3    1603    10    5    106884 sq ft    0.00    Asphalt spead turb & patch, innor repair, at 3% of total every 10 years      3-Speed Bumps    470    243161    25    19    106884 sq ft    3.25    Asphalt nerowe/replace at 70% or 100% overlay every 25 years      6-Fire Lane Striping    16    5    1    80.6 ft    3.25    Asphalt Sealooat & Striping budget every 5 years      6-Concrete TREPAIR    15    3210    10    5    7124 ft    30.00    Concrete walks repair/replace budget at 5% overy 10 years      7-Concrete Walks    15    3210    10    4    1070 sg ft    3.25    0    Concrete walks repair/replace budget at 5% of total every 10 years      7-Concrete Walks    12    2214    5    1    1771 sg ft    1.25    Metal fences replace budget at 50% of total every 20 years      10-Stuce Columns Repair    122    5    6    10 each    250.00    Street pole lights, lantern, pole & fixture replace budget every 35 yea	Reserve Components			Cost	Life	Life	Quantity Unit	Cost	Description
2- Asphalt Cut & Patch, Crack Fill      3      16033      10      5      106884 sq. ft      5.00      Asphalt apeed bumps repair/replace/stripe budget every 10 years        3- Speed Bumps      4510      10      10      5 each      90.00      Asphalt speed bumps repair/replace/stripe budget every 10 years        4- Asphalt Remove & Replace      70      2431      5      1      836 ft      1.75      Fire lane Striping budget every 5 years        6- Concrete Walks      15      32.00      10      4      1070 sq. ft      2.000      Concrete curb & gutter repair/replacement budget at 5% every 10 years        7- Concrete Walks      15      32.00      5      712 4 ft      30.00      Concrete walks repair/replace budget at 15% of total every 10 years        8- Metal Fences Replace      50      52.33      20      6      161 ft      65.00      Metal fences replace budget at 50% of total every 10 years        9- Metal Fences Paint      2214      5      1      177.71 sq. ft      1.5      Metal fences replace budget every 10 years        10- Stuceo Columns Repair      125.00      35      55      1 each      250.00      Stuce columns repair budget every 10 years	ROAD MAINTENANCE								
3- Speed Bumps      4510      10      10      5 each      902.00      Asphalt speed bumps repair/replace dr70% or 100% overlay every 25 years        4- Asphalt Remove & Replace      70      24316      25      19      106884 sq ft      3.25      Asphalt remove/replace at 70% or 100% overlay every 25 years        5- Fire Lame Striping      1463      5      1      836 ft      1.75      Fire lame striping budget every 5 years        6- Concrete Curb & Gutter Repair      5      1066      0      5      7124 ft      30.00      Concrete walks repair/replace budget at 15% of total every 10 years        7- Concrete Walks      5      3210      0      6      161 ft      6.000      Concrete carb & gutter repair/replace budget at 15% of total every 20 years        9- Metal Fences Replace      50      5233      20      6      161 ft      6.000      Metal fences replace budget at 50% of total every 20 years        10- Stuceo Columns Repair      1225      10      6      7 each      175.00      Stuceo columns pain budget every 10 years        11- Stuceo Columns Paint      22500      35      6      10 each      250.00      Street pole lights, lanterm, pole & fixture replace budget every 35 years<	1- Asphalt Sealcoat & Striping			13048	5	5	106884 sq ft	0.12	Asphalt sealcoat & striping budget every 5 years
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10 - Stucco Columns Repair12251067 each175.00Stucco columns repair budget every 10 years11 - Stucco Columns Paint3501067 each50.00Stucco columns paint budget every 10 yearsLIGHTING12 - Street Pole Lights, Lantern, Part 12500035251 each2500.00Street pole lights, lantern, pole & fixture replace budget every 35 years14 - Street Pole Lights, Single Arm400035231 each2500.00Street pole lights, lantern, pole & fixture replace budget every 35 years15 - Exterior Lights, Guardhouse8001594 each200.00Guardhouse exterior light fixtures replace budget every 10 years16 - Interior Lights, Guardhouse50020141 budget500.00Guardhouse interior light fixtures replace budget every 20 years17 - Electrical Repair100551 budget4000.00Europear budget every 5 years18 - Irrigation Equipment40001061 budget4000.00Irrigation timers, backflows, valves & lines repair/replace every 10 years19 - Landscaping Upgrade6000551 budget6000.00Tree maintenance, removal/replace budget every 5 years20 - Tree Maintenance300811 each300.00Cable modem replace/upgrade budget every 8 years21 - Cable Modem300811 each300.00Security cameras replace/upgrade budget every 8 years22 - Security Cameras2700833 each<	8- Metal Fences Replace		50	5233	20	6	161 ft	65.00	Metal fences replace budget at 50% of total every 20 years
11- Stucco Columns Paint3501067 each50.00Stucco columns paint budget every 10 yearsLIGHTING12- Street Pole Lights, Lantern, Part 12500035610 each2500.00Street pole lights, lantern, pole & fixture replace budget every 35 years13- Street Pole Lights, Lantern, Part 2250035251 each2500.00Street pole lights, lantern, pole & fixture replace budget every 35 years14- Street Pole Lights, Single Arm400035231 each4000.00Street pole lights, single arm, pole & fixture replace budget every 35 years15- Exterior Lights, Guardhouse8001594 each200.00Guardhouse exterior light fixtures replace budget every 20 years16- Interior Lights, Guardhouse1000511 budget500.00Guardhouse interior light fixtures replace budget every 20 years17- Electrical Repair1000511 budget1000.00Lighting & electrical repair budget every 5 years18- Irrigation Equipment40001061 budget6000.00Landscaping upgrade budget every 5 years19- Landscaping Upgrade6000551 budget6000.00Landscaping upgrade budget every 5 years20- Tree Maintenance6000551 budget6000.00Landscaping upgrade budget every 5 years21- Cable Modem300811 each300.00Cable modern replace/upgrade budget every 8 years22- Security Cameras2700833 each900	9- Metal Fences Paint			2214	5	1	1771 sq ft	1.25	Metal fences repair & paint budget every 5 years
LIGHTING12- Street Pole Lights, Lantern, Part 12500035610 each2500.00Street pole lights, lantern, pole & fixture replace budget every 35 years13- Street Pole Lights, Lantern, Part 2250035251 each2500.00Street pole lights, lantern, pole & fixture replace budget every 35 years14- Street Pole Lights, Single Arm400035231 each4000.00Street pole lights, lantern, pole & fixture replace budget every 35 years15- Exterior Lights, Guardhouse8001594 each200.00Guardhouse exterior light fixtures replace budget every 15 years16- Interior Lights, Guardhouse50020141 budget500.00Lighting & electrical repair budget every 5 years17- Electrical Repair1000511 budget1000.00Lighting & electrical repair budget every 5 years18- Irrigation Equipment40001061 budget4000.00Irrigation timers, backflows, valves & lines repair/replace every 10 years19- Landscaping Upgrade6000551 budget6000.00Landscaping upgrade budget every 5 years20- Tree Maintenance6000551 budget6000.00Tree maintenance, removal/replace budget every 8 years21- Cable Modem30081each300.00Cable modem replace/upgrade budget every 8 years22- Security Cameras270083each900.00Security cameras replace/upgrade budget every 8 years23- Camera, License Plate	10- Stucco Columns Repair			1225	10	6	7 each	175.00	Stucco columns repair budget every 10 years
12- Street Pole Lights, Lantern, Part 1250035610 each2500.00Street pole lights, lantern, pole & fixture replace budget every 35 years13- Street Pole Lights, Lantern, Part 2250035251 each2500.00Street pole lights, lantern, pole & fixture replace budget every 35 years14- Street Pole Lights, Single Arm400035231 each4000.00Street pole lights, lantern, pole & fixture replace budget every 35 years15- Exterior Lights, Guardhouse8001594 each200.00Guardhouse exterior light fixtures replace budget every 15 years16- Interior Lights, Guardhouse50020141 budget500.00Guardhouse interior light fixtures replace budget every 20 years17- Electrical Repair1000511 budget500.00Guardhouse interior light fixtures replace budget every 20 years18- Inrigation Equipment40001061 budget4000.00Irrigation timers, backflows, valves & lines repair/replace every 10 years19- Landscaping Upgrade6000551 budget6000.00Landscaping upgrade budget every 5 years20- Tree Maintenance300811 each300.00Cable modern replace/upgrade budget every 8 years21- Cable Modem300811 each300.00Cable modern replace/upgrade budget every 8 years22- Security Cameras2700833 each900.00Security cameras replace/upgrade budget every 8 years23- Camera, License Plate15008	11- Stucco Columns Paint			350	10	6	7 each	50.00	Stucco columns paint budget every 10 years
13- Street Pole Lights, Lantern, Part 225035251each2500.00Street pole lights, lantern, pole & fixture replace budget every 35 years14- Street Pole Lights, Single Arm400035231each4000.00Street pole lights, lantern, pole & fixture replace budget every 35 years15- Exterior Lights, Guardhouse8001594each200.00Guardhouse exterior light fixtures replace budget every 15 years16- Interior Lights, Guardhouse50020141budget500.00Guardhouse interior light fixtures replace budget every 20 years17- Electrical Repair1000511budget500.00Guardhouse interior light fixtures replace budget every 20 years18- Irrigation Equipment40001061budget6000.00Landscaping upgrade budget every 5 years20- Tree Maintenance6000551budget6000.00Tree maintenance, removal/replace budget every 5 years21- Cable Modem300811each300.00Cable modem replace/upgrade budget every 8 years22- Security Cameras2700833each900.00Security cameras replace/upgrade budget every 8 years23- Camera, License Plate1500831each300.00Cable modem replace/upgrade budget every 8 years24- Computer & Monitor, Recording200881budget220.00Recording system computer & monitor replace/upgrade every 8 years <td>LIGHTING</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	LIGHTING								
14- Street Pole Lights, Single Arm400035231each4000.00Street pole lights, single arm, pole & fixture replace budget every 35 years15- Exterior Lights, Guardhouse8001594each200.00Guardhouse exterior light fixtures replace budget every 15 years16- Interior Lights, Guardhouse50020141budget500.00Guardhouse interior light fixtures replace budget every 20 years17- Electrical Repair1000511budget1000.00Lighting & electrical repair budget every 5 yearsIANDSCAPING18- Irrigation Equipment40001061budget4000.00Irrigation timers, backflows, valves & lines repair/replace every 10 years19- Landscaping Upgrade6000551budget6000.00Landscaping upgrade budget every 5 years20- Tree Maintenance6000551budget600.00Tree maintenance, removal/replace budget every 5 yearsSURVEILLANCE SYSTEM21- Cable Modem300811each300.00Cable modem replace/upgrade budget every 8 years22- Security Cameras2700833each900.00Security cameras replace/upgrade budget every 8 years23- Camera, License Plate1500831each150.00License plate camera replace/upgrade budget every 8 years24- Computer & Monitor, Recording2200881budget220.00Recor	12- Street Pole Lights, Lantern, Part	1		25000	35	6	10 each	2500.00	Street pole lights, lantern, pole & fixture replace budget every 35 years
15- Exterior Lights, Guardhouse8001594 each200.00Guardhouse exterior light fixtures replace budget every 15 years16- Interior Lights, Guardhouse50020141 budget500.00Guardhouse interior light fixtures replace budget every 20 years17- Electrical Repair1000511 budget1000.00Lighting & electrical repair budget every 5 yearsLANDSCAPING18- Irrigation Equipment40001061 budget4000.00Irrigation timers, backflows, valves & lines repair/replace every 10 years19- Landscaping Upgrade6000551 budget6000.00Landscaping upgrade budget every 5 years20- Tree Maintenance6000551 budget6000.00Tree maintenance, removal/replace budget every 5 years21- Cable Modem300811 each300.00Cable modem replace/upgrade budget every 8 years22- Security Cameras2700833 each900.00Security cameras replace/upgrade budget every 8 years23- Camera, License Plate1500831 each150.00License plate camera replace/upgrade budget every 8 years24- Computer & Monitor, Recording2200881 budget220.00Recording system computer & monitor replace/upgrade every 8 years	13- Street Pole Lights, Lantern, Part	2		2500	35	25	1 each	2500.00	Street pole lights, lantern, pole & fixture replace budget every 35 years
16- Interior Lights, Guardhouse50020141 budget500.00Guardhouse interior light fixtures replace budget every 20 years17- Electrical Repair1000511 budget1000.00Lighting & electrical repair budget every 5 yearsLANDSCAPING18- Irrigation Equipment40001061 budget4000.00Irrigation timers, backflows, valves & lines repair/replace every 10 years19- Landscaping Upgrade6000551 budget6000.00Landscaping upgrade budget every 5 years20- Tree Maintenance6000551 budget6000.00Tree maintenance, removal/replace budget every 5 years21- Cable Modem300811 each300.00Cable modem replace/upgrade budget every 8 years22- Security Cameras2700833 each900.00License plate camera replace/upgrade budget every 8 years23- Camera, License Plate1500831 each1500.00License plate camera replace/upgrade budget every 8 years24- Computer & Monitor, Recording2200881 budget2200.00Recording system computer & monitor replace/upgrade every 8 years	14- Street Pole Lights, Single Arm			4000	35	23	1 each	4000.00	Street pole lights, single arm, pole & fixture replace budget every 35 years
17- Electrical Repair1000511budget1000.00Lighting & electrical repair budget every 5 yearsLANDSCAPING18- Irrigation Equipment40001061budget4000.00Irrigation timers, backflows, valves & lines repair/replace every 10 years19- Landscaping Upgrade6000551budget6000.00Landscaping upgrade budget every 5 years20- Tree Maintenance6000551budget6000.00Tree maintenance, removal/replace budget every 5 years21- Cable Modem300811each300.00Cable modem replace/upgrade budget every 8 years22- Security Cameras2700833each900.00Ecense plate camera replace/upgrade budget every 8 years23- Camera, License Plate1500831each1500.00License plate camera replace/upgrade budget every 8 years24- Computer & Monitor, Recording2200881budget2200.00Recording system computer & monitor replace/upgrade every 8 years	15- Exterior Lights, Guardhouse			800	15	9	4 each	200.00	Guardhouse exterior light fixtures replace budget every 15 years
LANDSCAPING18- Irrigation Equipment40001061 budget4000.00Irrigation timers, backflows, valves & lines repair/replace every 10 years19- Landscaping Upgrade6000551 budget6000.00Landscaping upgrade budget every 5 years20- Tree Maintenance6000551 budget6000.00Tree maintenance, removal/replace budget every 5 years20- Tree Maintenance6000551 budget6000.00Tree maintenance, removal/replace budget every 5 years21- Cable Modem300811 each300.00Cable modem replace/upgrade budget every 8 years22- Security Cameras2700833 each900.00Security cameras replace/upgrade budget every 8 years23- Camera, License Plate1500831 each1500.00License plate camera replace/upgrade budget every 8 years24- Computer & Monitor, Recording2200881 budget2200.00Recording system computer & monitor replace/upgrade every 8 years	16- Interior Lights, Guardhouse			500	20	14	1 budget	500.00	Guardhouse interior light fixtures replace budget every 20 years
18- Irrigation Equipment4001061 budget4000.00Irrigation timers, backflows, valves & lines repair/replace every 10 years19- Landscaping Upgrade6000551 budget6000.00Landscaping upgrade budget every 5 years20- Tree Maintenance6000551 budget6000.00Tree maintenance, removal/replace budget every 5 years20- Tree Maintenance6000551 budget6000.00Tree maintenance, removal/replace budget every 5 years21- Cable Modem300811 each300.00Cable modem replace/upgrade budget every 8 years22- Security Cameras2700833 each900.00Security cameras replace/upgrade budget every 8 years23- Camera, License Plate1500831 each1500.00License plate camera replace/upgrade budget every 8 years24- Computer & Monitor, Recording2200881 budget2200.00Recording system computer & monitor replace/upgrade every 8 years	17- Electrical Repair			1000	5	1	1 budget	1000.00	Lighting & electrical repair budget every 5 years
19- Landscaping Upgrade6000551budget6000.00Landscaping upgrade budget every 5 years20- Tree Maintenance6000551budget6000.00Tree maintenance, removal/replace budget every 5 yearsSURVEILLANCE SYSTEM21- Cable Modem300811each300.00Cable modem replace/upgrade budget every 8 years22- Security Cameras2700833each900.00Security cameras replace/upgrade budget every 8 years23- Camera, License Plate1500831each1500.00License plate camera replace/upgrade budget every 8 years24- Computer & Monitor, Recording2200881budget2200.00Recording system computer & monitor replace/upgrade every 8 years	LANDSCAPING								
20- Tree Maintenance600551budget600.00Tree maintenance, removal/replace budget every 5 yearsSURVEILLANCE SYSTEM21- Cable Modem300811each300.00Cable modem replace/upgrade budget every 8 years22- Security Cameras2700833each900.00Security cameras replace/upgrade budget every 8 years23- Camera, License Plate1500831each1500.00License plate camera replace/upgrade budget every 8 years24- Computer & Monitor, Recording2200881budget2200.00Recording system computer & monitor replace/upgrade every 8 years	18- Irrigation Equipment			4000	10	6	1 budget	4000.00	Irrigation timers, backflows, valves & lines repair/replace every 10 years
SURVEILLANCE SYSTEM21- Cable Modem300811 each300.00Cable modem replace/upgrade budget every 8 years22- Security Cameras2700833 each900.00Security cameras replace/upgrade budget every 8 years23- Camera, License Plate1500831 each1500.00License plate camera replace/upgrade budget every 8 years24- Computer & Monitor, Recording2200881 budget2200.00Recording system computer & monitor replace/upgrade every 8 years	19- Landscaping Upgrade			6000	5	5	1 budget	6000.00	Landscaping upgrade budget every 5 years
21- Cable Modem300811 each300.00Cable modem replace/upgrade budget every 8 years22- Security Cameras2700833 each900.00Security cameras replace/upgrade budget every 8 years23- Camera, License Plate1500831 each1500.00License plate camera replace/upgrade budget every 8 years24- Computer & Monitor, Recording2200881 budget2200.00Recording system computer & monitor replace/upgrade every 8 years	20- Tree Maintenance			6000	5	5	1 budget	6000.00	Tree maintenance, removal/replace budget every 5 years
22- Security Cameras2700833 each900.00Security cameras replace/upgrade budget every 8 years23- Camera, License Plate1500831 each1500.00License plate camera replace/upgrade budget every 8 years24- Computer & Monitor, Recording2200881 budget2200.00Recording system computer & monitor replace/upgrade every 8 years	SURVEILLANCE SYSTEM								
23- Camera, License Plate1500831 each1500.00License plate camera replace/upgrade budget every 8 years24- Computer & Monitor, Recording2200881 budget2200.00Recording system computer & monitor replace/upgrade every 8 years	21- Cable Modem			300	8	1	1 each	300.00	Cable modem replace/upgrade budget every 8 years
24- Computer & Monitor, Recording 2200 8 8 1 budget 2200.00 Recording system computer & monitor replace/upgrade every 8 years	22- Security Cameras			2700	8	3	3 each	900.00	Security cameras replace/upgrade budget every 8 years
	23- Camera, License Plate			1500	8	3	1 each	1500.00	License plate camera replace/upgrade budget every 8 years
25- Printer 900 8 1 1 each 900.00 Printer replace/upgrade budget every 8 years	24- Computer & Monitor, Recording			2200	8	8	1 budget	2200.00	Recording system computer & monitor replace/upgrade every 8 years
	25- Printer			900	8	1	1 each	900.00	Printer replace/upgrade budget every 8 years

### **RESERVE COMPONENTS**

### **RIO BRAVO CA**

Inflation Rate	%	3	Current					
Fiscal Year End Dec 31		Repair	Replace	Fore	cast			
		%	Repair	Total	Rem		Unit	
Reserve Components			Cost	Life	Life	Quantity Unit	Cost	Description
GUARDHOUSE								
26- Building Repair			1750	10	5	1 budget	1750.00	Building general repair budget every 10 years
27- Exterior Paint			1650	7	1	660 sq ft	2.50	Exterior paint budget every 7 years
28- Interior Paint			1688	7	1	675 sq ft	2.50	Interior paint budget every 7 years
29- Tile Roof			2700	50	11	225 sq ft	12.00	Tile roof replace budget every 50 years
30- Flooring			1323	20	1	189 sq ft	7.00	Flooring replace/remodel budget every 20 years
31- Restroom Remodel			1500	25	1	1 each	1500.00	Restroom remodel budget every 25 years
32- Cooling System			1500	15	8	1 each	1500.00	Cooling system replace/upgrade budget every 15 years
33- Canopy			1500	15	1	1 each	1500.00	Canopy replace/remodel budget every 15 years
34- Office Equipment & Fixtures			1000	10	5	1 budget	1000.00	Office equipment & fixtures replace/upgrade budget every 10 years
VEHICLE BARRIERS								
35- Barrier Arms			3222	10	10	2 each	1611.00	Barrier arms replace budget every 10 years
36- Barrier Entry Equipment			1500	10	5	1 budget	1500.00	Barrier entry relay, loop & others replace/upgrade budget every 10 years
37- Barrier Operators			8500	15	5	2 each	4250.00	Barrier operators replace budget every 15 years
VEHICLE TRANSPONDER								
38- Antenna, Vehicle Identification			1500	10	5	1 each	1500.00	Vehicle identification antenna replace/upgrade budget every 10 years
39- Antenna, Pole			1500	25	15	1 each	1500.00	Antenna pole replace budget every 25 years
40- Equipment Cabinet			2500	25	15	1 each	2500.00	Equipment stainless steel cabinet replace budget every 25 years
41- Equipment Cabinet Cooling Fan	าร		600	10	1	2 each	300.00	Equipment cabinet cooling fans replace/upgrade budget every 10 years
42- Interface Panel			1000	10	5	1 each	1000.00	Interface panel, 12 channel, replace/upgrade budget every 10 years
43- Networked Controller			1250	10	5	1 each	1250.00	Network controller replace/upgrade budget every 10 years
44- RFID Reader			6500	10	5	1 each	6500.00	RFID reader replace/upgrade budget every 10 years
45- Power Supply			1500	10	1	1 budget	1500.00	Power supply replace/upgrade budget every 10 years
OTHERS								
46- Street Name Signs			2100	25	8	7 each	300.00	Street name signs replace/remodel budget every 25 years
47- Signs			1000	5	1	1 budget	1000.00	Traffic & other signs (21 signs) replace/remodel as needed every 5 years
48- Monument Signs			2000	20	1	2 each	1000.00	Monument signs & lettering replace budget every 20 years
49- Mailbox			250	20	10	1 each	250.00	Mailbox & post replacement budget every 20 years

50- Unplanned Project Fund

1291 1 1

5

1 budget

## LIABILITY ANALYSIS

Inflation Rate %	6 3	Current						
Fiscal Year End Dec 31	Repair	Replace	Fored	ast				
	%	Repair	Total	Rem				
Reserve Components		Cost	Life	Life	Annual Liability	Accrued Liability	% of Annual Liability	Notes
ROAD MAINTENANCE							56.86%	
1- Asphalt Sealcoat & Striping		13048	5	5	2610	0	10.10%	
2- Asphalt Cut & Patch, Crack Fill	3	16033	10	5	1603	8017	6.21%	
3- Speed Bumps		4510	10	10	451	0	1.75%	
4- Asphalt Remove & Replace	70	243161	25	19	9726	58359	37.66%	
5- Fire Lane Striping		1463	5	1	293	1170	1.13%	
CONCRETE REPAIR							5.38%	
6- Concrete Curb & Gutter Repair	5	10686	10	5	1069	5343	4.14%	
7- Concrete Walks	15.0	3210	10	4	321	1926	1.24%	
FENCES & WALLS							3.34%	
8- Metal Fences Replace	50	5233	20	6	262	3663	1.01%	
9- Metal Fences Paint		2214	5	1	443	1771	1.71%	
10- Stucco Columns Repair		1225	10	6	123	490	0.47%	
11- Stucco Columns Paint		350	10	6	35	140	0.14%	
LIGHTING							4.56%	
12- Street Pole Lights, Lantern, Part 1		25000	35	6	714	20714	2.77%	
13- Street Pole Lights, Lantern, Part 2		2500	35	25	71	714	0.28%	
14- Street Pole Lights, Single Arm		4000	35	23	114	1371	0.44%	
15- Exterior Lights, Guardhouse		800	15	9	53	320	0.21%	
16- Interior Lights, Guardhouse		500	20	14	25	150	0.10%	
17- Electrical Repair		1000	5	1	200	800	0.77%	
LANDSCAPING							10.84%	
18- Irrigation Equipment		4000	10	6	400	1600	1.55%	
19- Landscaping Upgrade		6000	5	5	1200	0	4.65%	
20- Tree Maintenance		6000	5	5	1200	0	4.65%	
SURVEILLANCE SYSTEM							3.68%	
21- Cable Modem		300	8	1	38	263	0.15%	
22- Security Cameras		2700	8	3	338	1688	1.31%	
23- Camera, License Plate		1500	8	3	188	938	0.73%	
24- Computer & Monitor, Recording		2200	8	8	275	0	1.06%	
25- Printer		900	8	1	113	788	0.44%	

#### LIABILITY ANALYSIS

Inflation Rate	%	3	Current						
Fiscal Year End Dec 31		Repair	Replace	Fore	cast				
		%	Repair	Total	Rem				
Reserve Components			Cost	Life	Life	Annual Liability	Accrued Liability	% of Annual Liability	Notes
GUARDHOUSE								4.38%	
26- Building Repair			1750	10	5	175	875	0.68%	
27- Exterior Paint			1650	7	1	236	1414	0.91%	
28- Interior Paint			1688	7	1	241	1446	0.93%	
29- Tile Roof			2700	50	11	54	2106	0.21%	
30- Flooring			1323	20	1	66	1257	0.26%	
31- Restroom Remodel			1500	25	1	60	1440	0.23%	
32- Cooling System			1500	15	8	100	700	0.39%	
33- Canopy			1500	15	1	100	1400	0.39%	
34- Office Equipment & Fixtures			1000	10	5	100	500	0.39%	
VEHICLE BARRIERS								4.02%	
35- Barrier Arms			3222	10	10	322	0	1.25%	
36- Barrier Entry Equipment			1500	10	5	150	750	0.58%	
37- Barrier Operators			8500	15	5	567	5667	2.19%	
VEHICLE TRANSPONDER								5.40%	
38- Antenna, Vehicle Identification			1500	10	5	150	750	0.58%	
39- Antenna, Pole			1500	25	15	60	600	0.23%	
40- Equipment Cabinet			2500	25	15	100	1000	0.39%	
41- Equipment Cabinet Cooling Fan	าร		600	10	1	60	540	0.23%	
42- Interface Panel			1000	10	5	100	500	0.39%	
43- Networked Controller			1250	10	5	125	625	0.48%	
44- RFID Reader			6500	10	5	650	3250	2.52%	
45- Power Supply			1500	10	1	150	1350	0.58%	
OTHERS								1.54%	
46- Street Name Signs			2100	25	8	84	1428	0.33%	
47- Signs			1000	5	1	200	800	0.77%	
48- Monument Signs			2000	20	1	100	1900	0.39%	
49- Mailbox			250	20	10	13	125	0.05%	

50- Unplanned Project Fund	5	1291	1	1		
TOTAL					25825	140647

Inflation Rate	%	3	Current												
Fiscal Year End Dec 31		Repair	Replace	Fored	cast	Year									
		%	Repair	Total	Rem	1	2	3	4	5	6	7	8	9	10
Reserve Components			Cost	Life	Life	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROAD MAINTENANCE															
1- Asphalt Sealcoat & Striping			13048	5	5					15126					17535
2- Asphalt Cut & Patch, Crack Fil	II	3	16033	10	5					18587					
3- Speed Bumps			4510	10	10										6061
4- Asphalt Remove & Replace		70	243161	25	19										
5- Fire Lane Striping			1463	5	1	1507					1747				
CONCRETE REPAIR															
6- Concrete Curb & Gutter Repair	r	5	10686	10	5					12388					
7- Concrete Walks		15.0	3210	10	4				3613						
FENCES & WALLS															
8- Metal Fences Replace		50	5233	20	6						6248				
9- Metal Fences Paint			2214	5	1	2280					2643				
10- Stucco Columns Repair			1225	10	6						1463				
11- Stucco Columns Paint			350	10	6						418				
LIGHTING															
12- Street Pole Lights, Lantern, Pa			25000	35	6						29851				
13- Street Pole Lights, Lantern, Pa	art 2		2500	35	25										
14- Street Pole Lights, Single Arm			4000	35	23										
15- Exterior Lights, Guardhouse			800	15	9									1044	
16- Interior Lights, Guardhouse			500	20	14										
17- Electrical Repair			1000	5	1	1030					1194				
LANDSCAPING															
18- Irrigation Equipment			4000	10	6						4776				
19- Landscaping Upgrade			6000	5	5					6956					8063
20- Tree Maintenance			6000	5	5					6956					8063
SURVEILLANCE SYSTEM															
21- Cable Modem			300	8	1	309								391	
22- Security Cameras			2700	8	3			2950							
23- Camera, License Plate			1500	8	3			1639							
24- Computer & Monitor, Recording	g		2200	8	8								2787		
25- Printer			900	8	1	927								1174	

Inflation Rate	%	3	Current												
Fiscal Year End Dec 31		Repair	Replace	Fore	cast	Year									
		%	Repair	Total	Rem	1	2	3	4	5	6	7	8	9	10
Reserve Components			Cost	Life	Life	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
GUARDHOUSE															
26- Building Repair			1750	10	5					2029					
27- Exterior Paint			1650	7	1	1700							2090		
28- Interior Paint			1688	7	1	1738							2138		
29- Tile Roof			2700	50	11										
30- Flooring			1323	20	1	1363									
31- Restroom Remodel			1500	25	1	1545									
32- Cooling System			1500	15	8								1900		
33- Canopy			1500	15	1	1545									
34- Office Equipment & Fixtures			1000	10	5					1159					
VEHICLE BARRIERS															
35- Barrier Arms			3222	10	10										433
36- Barrier Entry Equipment			1500	10	5					1739					
37- Barrier Operators			8500	15	5					9854					
VEHICLE TRANSPONDER															
38- Antenna, Vehicle Identification			1500	10	5					1739					
39- Antenna, Pole			1500	25	15										
40- Equipment Cabinet			2500	25	15										
41- Equipment Cabinet Cooling Fa	ns		600	10	1	618									
42- Interface Panel			1000	10	5					1159					
43- Networked Controller			1250	10	5					1449					
44- RFID Reader			6500	10	5					7535					
45- Power Supply			1500	10	1	1545									
OTHERS															
46- Street Name Signs			2100	25	8								2660		
47- Signs			1000	5	1	1030					1194				
48- Monument Signs			2000		1	2060									
49- Mailbox			250	20	10										33

50- Unplanned Project Fund	5	1291	1	1	1330	1370	1411	1453	1497	1542	1588	1636	1685	1735
TOTAL					20526	1370	6000	5066	88172	51076	1588	13211	4294	46125

Inflation Rate	%	3	Current												
Fiscal Year End Dec 31	Re	epair	Replace	Fored	cast	Year									
		%	Repair	Total	Rem	11	12	13	14	15	16	17	18	19	20
Reserve Components			Cost	Life	Life	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
ROAD MAINTENANCE															
1- Asphalt Sealcoat & Striping			13048	5	5					20328					23566
2- Asphalt Cut & Patch, Crack Fill		3	16033	10	5					24979					
3- Speed Bumps			4510	10	10										8146
4- Asphalt Remove & Replace		70	243161	25	19									426384	
5- Fire Lane Striping			1463	5	1	2025					2348				
CONCRETE REPAIR															
6- Concrete Curb & Gutter Repair		5	10686	10	5					16648					
7- Concrete Walks		15.0	3210	10	4				4855						
FENCES & WALLS															
8- Metal Fences Replace		50	5233	20	6										
9- Metal Fences Paint			2214	5	1	3064					3552				
10- Stucco Columns Repair			1225	10	6						1966				
11- Stucco Columns Paint			350	10	6						562				
LIGHTING															
12- Street Pole Lights, Lantern, Part 1			25000	35	6										
13- Street Pole Lights, Lantern, Part 2	2		2500	35	25										
14- Street Pole Lights, Single Arm			4000	35	23										
15- Exterior Lights, Guardhouse			800	15	9										
16- Interior Lights, Guardhouse			500	20	14				756						
17- Electrical Repair			1000	5	1	1384					1605				
LANDSCAPING															
18- Irrigation Equipment			4000	10	6						6419				
19- Landscaping Upgrade			6000	5	5					9348					10837
20- Tree Maintenance			6000	5	5					9348					10837
SURVEILLANCE SYSTEM															
21- Cable Modem			300		1							496			
22- Security Cameras			2700		3	3737								4734	
23- Camera, License Plate			1500		3	2076								2630	
24- Computer & Monitor, Recording			2200		8						3530				
25- Printer			900	8	1							1488			

Inflation Rate	%	3	Current												
Fiscal Year End Dec 31		Repair	Replace	Fored	cast	Year									
		%	Repair	Total	Rem	11	12	13	14	15	16	17	18	19	20
Reserve Components			Cost	Life	Life	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
GUARDHOUSE															
26- Building Repair			1750	10	5					2726					
27- Exterior Paint			1650	7	1					2571					
28- Interior Paint			1688	7	1					2629					
29- Tile Roof			2700	50	11	3737									
30- Flooring			1323	20	1										
31- Restroom Remodel			1500	25	1										
32- Cooling System			1500	15	8										
33- Canopy			1500	15	1						2407				
34- Office Equipment & Fixtures			1000	10	5					1558					
VEHICLE BARRIERS															
35- Barrier Arms			3222	10	10										58
36- Barrier Entry Equipment			1500	10	5					2337					
37- Barrier Operators			8500	15	5										153
VEHICLE TRANSPONDER															
38- Antenna, Vehicle Identification			1500	10	5					2337					
39- Antenna, Pole			1500	25	15					2337					
40- Equipment Cabinet			2500	25	15					3895					
41- Equipment Cabinet Cooling Fans	8		600	10	1	831									
42- Interface Panel			1000	10	5					1558					
43- Networked Controller			1250	10	5					1947					
44- RFID Reader			6500	10	5					10127					
45- Power Supply			1500	10	1	2076									
OTHERS															
46- Street Name Signs			2100	25	8										
47- Signs			1000	5	1	1384					1605				
48- Monument Signs			2000	20	1										
49- Mailbox			250	20	10										

50- Unplanned Project Fund	5	1291	1	1	1787	1841	1896	1953	2012	2072	2134	2198	2264	2332
TOTAL					22103	1841	1896	7565	116685	26065	4118	2198	436013	76888

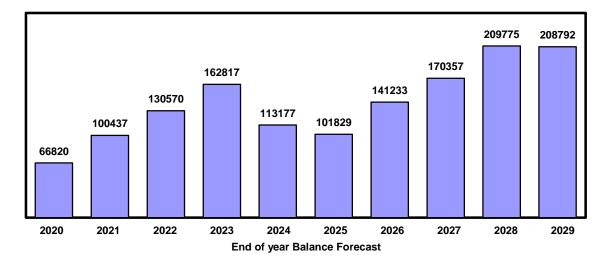
Inflation Rate	%	3	Current												
Fiscal Year End Dec 31		Repair	Replace	Fored	cast	Year									
		%	Repair	Total	Rem	21	22	23	24	25	26	27	28	29	30
Reserve Components			Cost	Life	Life	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049
ROAD MAINTENANCE															
1- Asphalt Sealcoat & Striping			13048	5	5					27320					31671
2- Asphalt Cut & Patch, Crack Fill		3	16033	10	5					33570					
3- Speed Bumps			4510	10	10										10947
4- Asphalt Remove & Replace		70	243161	25	19										
5- Fire Lane Striping			1463	5	1	2722					3155				
CONCRETE REPAIR															
6- Concrete Curb & Gutter Repair		5	10686	10	5					22374					
7- Concrete Walks		15.0	3210	10	4				6525						
FENCES & WALLS															
8- Metal Fences Replace		50	5233	20	6						11284				
9- Metal Fences Paint			2214	5	1	4118					4774				
10- Stucco Columns Repair			1225	10	6						2642				
11- Stucco Columns Paint			350	10	6						755				
LIGHTING															
12- Street Pole Lights, Lantern, Pa	rt 1		25000	35	6										
13- Street Pole Lights, Lantern, Pa	rt 2		2500	35	25					5234					
14- Street Pole Lights, Single Arm			4000	35	23			7894							
15- Exterior Lights, Guardhouse			800	15	9				1626						
16- Interior Lights, Guardhouse			500	20	14										
17- Electrical Repair			1000	5	1	1860					2157				
LANDSCAPING															
18- Irrigation Equipment			4000	10	6						8626				
19- Landscaping Upgrade			6000	5	5					12563					14564
20- Tree Maintenance			6000	5	5					12563					14564
SURVEILLANCE SYSTEM															
21- Cable Modem			300		1					628					
22- Security Cameras			2700	8	3							5997			
23- Camera, License Plate			1500	8	3							3332			
24- Computer & Monitor, Recording	g		2200		8				4472						
25- Printer			900	8	1					1884					

Inflation Rate	%	3	Current												
Fiscal Year End Dec 31		Repair	Replace	Fored	cast	Year									
		%	Repair	Total	Rem	21	22	23	24	25	26	27	28	29	30
Reserve Components			Cost	Life	Life	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049
GUARDHOUSE															
26- Building Repair			1750	10	5					3664					
27- Exterior Paint			1650	7	1		3162							3888	
28- Interior Paint			1688	7	1		3233							3977	
29- Tile Roof			2700	50	11										
30- Flooring			1323	20	1	2461									
31- Restroom Remodel			1500	25	1						3235				
32- Cooling System			1500	15	8			2960							
33- Canopy			1500	15	1										
34- Office Equipment & Fixtures			1000	10	5					2094					
VEHICLE BARRIERS															
35- Barrier Arms			3222	10	10										7821
36- Barrier Entry Equipment			1500	10	5					3141					
37- Barrier Operators			8500	15	5										
<b>VEHICLE TRANSPONDER</b>															
38- Antenna, Vehicle Identification			1500	10	5					3141					
39- Antenna, Pole			1500	25	15										
40- Equipment Cabinet			2500	25	15										
41- Equipment Cabinet Cooling Fa	ns		600	10	1	1116									
42- Interface Panel			1000	10	5					2094					
43- Networked Controller			1250	10	5					2617					
44- RFID Reader			6500	10	5					13610					
45- Power Supply			1500	10	1	2790									
OTHERS															
46- Street Name Signs			2100	25	8										
47- Signs			1000	5	1	1860					2157				
48- Monument Signs			2000	20	1	3721									
49- Mailbox			250	20	10										607

50- Unplanned Project Fund	5	1291	1	1	2402	2474	2548	2625	2704	2785	2868	2954	3043	3134
TOTAL					23051	8869	13403	15249	149199	41569	12198	2954	10908	83307

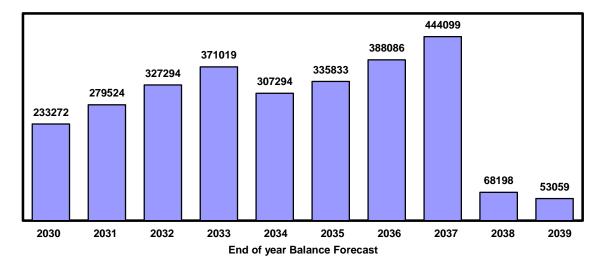
#### CASH FLOW ANALYSIS

		-										
Inflation Rate	%	3	Year									
Number of units		379	1	2	3	4	5	6	7	8	9	10
			2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
STARTING BALANC	E		53456	66820	100437	130570	162817	113177	101829	141233	170357	209775
TOTAL ANNUAL EX	PENDITURE		20526	1370	6000	5066	88172	51076	1588	13211	4294	46125
ANNUAL RESERVE	CONTRIBUT	ION	33837	34924	36045	37202	38396	39628	40900	42213	43568	44967
Reserve contribution	per unit per n	nonth	7.44	7.68	7.93	8.18	8.44	8.71	8.99	9.28	9.58	9.89
Reserve contribution	increase %		3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21
SPECIAL ASSESSM	ENTS											
INTEREST RECEIVE	D	RATE % 0.10	70	84	118	149	182	133	122	162	192	232
TAX ON INTEREST		RATE % 25	18	21	30	37	46	33	31	41	48	58
END OF YEAR BALA	NCE		66820	100437	130570	162817	113177	101829	141233	170357	209775	208792
PERCENT FUNDED			43.88%	54.52%	61.19%	66.39%	57.78%	55.63%	64.11%	68.68%	73.20%	73.13%



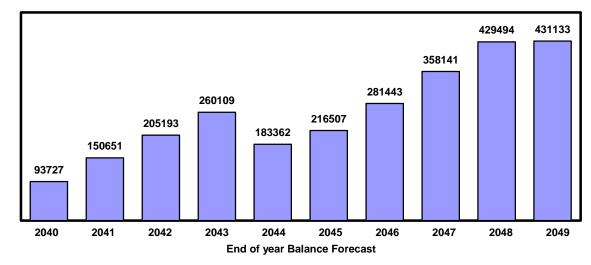
#### CASH FLOW ANALYSIS

Inflation Rate	%	3	Year									
Number of units		379	11	12	13	14	15	16	17	18	19	20
			2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
STARTING BALANC	E		208792	233272	279524	327294	371019	307294	335833	388086	444099	68198
TOTAL ANNUAL EX	PENDITURE		22103	1841	1896	7565	116685	26065	4118	2198	436013	76888
ANNUAL RESERVE	CONTRIBUT	ION	46410	47900	49438	51025	52663	54353	56098	57898	59757	61675
Reserve contribution	per unit per m	nonth	10.20	10.53	10.87	11.22	11.58	11.95	12.33	12.73	13.14	13.56
Reserve contribution	increase %		3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21
SPECIAL ASSESSM	ENTS											
INTEREST RECEIVE	ED	RATE % 0.10	232	257	304	353	397	334	364	417	474	99
TAX ON INTEREST		RATE % 25	58	64	76	88	99	84	91	104	118	25
END OF YEAR BAL	ANCE		233272	279524	327294	371019	307294	335833	388086	444099	68198	53059
PERCENT FUNDED			75.37%	78.61%	80.98%	82.49%	79.03%	80.36%	82.37%	83.91%	43.53%	39.75%

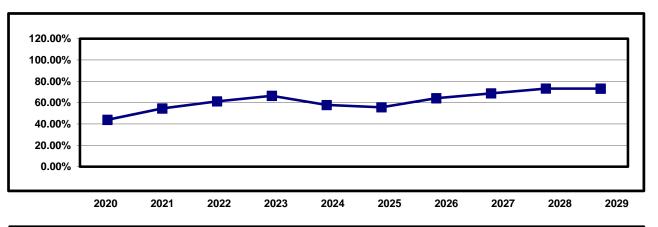


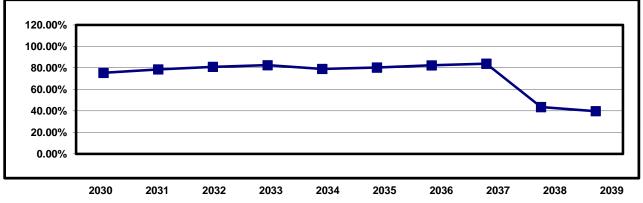
#### CASH FLOW ANALYSIS

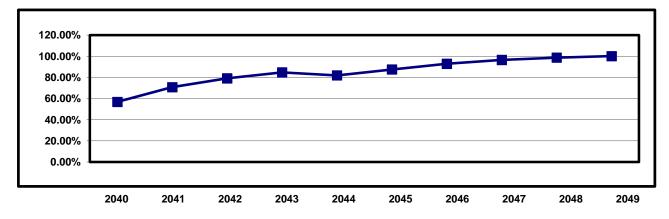
•/ ••/ •• •• •• •												
Inflation Rate	%	3	Year									
Number of units		379	21	22	23	24	25	26	27	28	29	30
			2040	2041	2042	2043	2044	2045	2046	2047	2048	2049
STARTING BALANC	E		53059	93727	150651	205193	260109	183362	216507	281443	358141	429494
TOTAL ANNUAL EX	PENDITURE		23051	8869	13403	15249	149199	41569	12198	2954	10908	83307
ANNUAL RESERVE	CONTRIBUTI	ON	63655	65698	67807	69984	72230	74549	76942	79412	81961	84592
Reserve contribution	per unit per mo	onth	14.00	14.45	14.91	15.39	15.88	16.39	16.92	17.46	18.02	18.60
Reserve contribution	increase %		3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21
SPECIAL ASSESSM	ENTS											
INTEREST RECEIVE	D	RATE % 0.10	85	127	185	240	296	221	255	321	399	472
TAX ON INTEREST		RATE % 25	21	32	46	60	74	55	64	80	100	118
END OF YEAR BAL	ANCE		93727	150651	205193	260109	183362	216507	281443	358141	429494	431133
PERCENT FUNDED			56.85%	70.76%	79.10%	84.71%	81.92%	87.49%	92.91%	96.51%	98.68%	100.08%



### FUTURE LIABILITY ANALYSIS (PERCENT FUNDED)

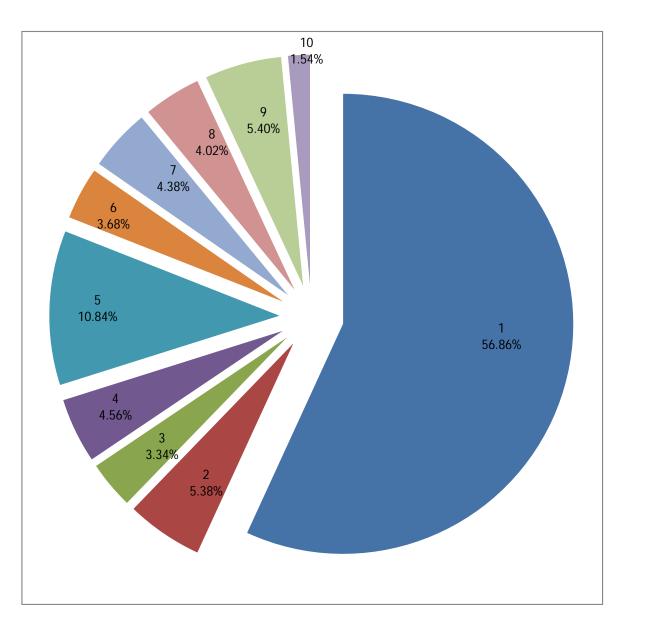












1- ROAD MAINTENANCE	56.86%
2- CONCRETE REPAIR	5.38%
3- FENCES & WALLS	3.34%
4- LIGHTING	4.56%
5- LANDSCAPING	10.84%
6- SURVEILLANCE SYSTEM	3.68%
7- GUARDHOUSE	4.38%
8- VEHICLE BARRIERS	4.02%
9- VEHICLE TRANSPONDER	5.40%
10- OTHERS	1.54%

Association name	RIO BRAVO CA		
Address		, Bakersfield,, CA 93306	
Association Type	Single Family		
Number of Units	379		
Year Built	1980		
FINANCIAL			
Fiscal year begins	January 01		
Starting fiscal year	2020		
Monthly dues	\$52.51	Note: Dues are collected quarterly	\$157.53 (2019)
End of year Projected reserve balance	\$53,456		
Current annual reserve contribution	\$32,785		
Reserve account interest rate %	0.10		
ASSUMPTIONS			
Inflation rate %	3.00		
Tax rate %	25.00		
Minimum reserve balance	\$O		
Unplanned project fund % of annual liability	5.00		

Year	2020	2021	2022	2023	2024	2025
Special assessments	\$0	\$0	\$0	\$0	\$0	\$0
Annual Reserve contribution	\$33,837	\$34,924	\$36,045	\$37,202	\$38,396	\$39,628
Contribution per unit/month	\$7.44	\$7.68	\$7.93	\$8.18	\$8.44	\$8.71
Contribution increase on the year before	\$0.23	\$0.24	\$0.25	\$0.25	\$0.26	\$0.27
Contribution increase %	3.21%	3.21%	3.21%	3.21%	3.21%	3.21%
Annual expenses	\$20,526	\$1,370	\$6,000	\$5,066	\$88,172	\$51,076
End of year balance	\$66,820	\$100,437	\$130,570	\$162,817	\$113,177	\$101,829
Accrued liability	\$152,269	\$184,235	\$213,393	\$245,248	\$195,868	\$183,046
Percent funded	43.88%	54.52%	61.19%	66.39%	57.78%	55.63%
Deficiency per unit/ Surplus ( )	\$225	\$221	\$219	\$217	\$218	\$214

# **30 YEAR RESERVE FUNDING PLAN (RECOMMENDED)**

				Reserve	Reserve	Contribution							
	Starting	Total	Annual	Contribution	Contribution	Increase				End of	Fully		Deficiency
Calendar	Reserve	Annual	Reserve	Per Unit	Increase	Per Unit	Special	Interest	Tax on	Year	Funded	Percent	Surplus ()
Year	Balance	Expenditure	Contribution	Per Month	%	Per Month	Assessment	Received	Interest	Balance	Balance	Funded	Per Unit
2020	\$53,456	\$20,526	\$33,837	\$7.44	3.21	\$0.23	\$0	\$70	\$18	\$66,820	\$152,269	43.88%	\$225
2021	\$66,820	\$1,370	\$34,924	\$7.68	3.21	\$0.24	\$0	\$84	\$21	\$100,437	\$184,235	54.52%	\$221
2022	\$100,437	\$6,000	\$36,045	\$7.93	3.21	\$0.25	\$0	\$118	\$30	\$130,570	\$213,393	61.19%	\$219
2023	\$130,570	\$5,066	\$37,202	\$8.18	3.21	\$0.25	\$0	\$149	\$37	\$162,817	\$245,248	66.39%	\$217
2024	\$162,817	\$88,172	\$38,396	\$8.44	3.21	\$0.26	\$0	\$182	\$46	\$113,177	\$195,868	57.78%	\$218
2025	\$113,177	\$51,076	\$39,628	\$8.71	3.21	\$0.27	\$0	\$133	\$33	\$101,829	\$183,046	55.63%	\$214
2026	\$101,829	\$1,588	\$40,900	\$8.99	3.21	\$0.28	\$0	\$122	\$31	\$141,233	\$220,299	64.11%	\$209
2027	\$141,233	\$13,211	\$42,213	\$9.28	3.21	\$0.29	\$0	\$162	\$41	\$170,357	\$248,047	68.68%	\$205
2028	\$170,357	\$4,294	\$43,568	\$9.58		\$0.30		\$192	\$48	\$209,775	\$286,575	73.20%	\$203
2029	\$209,775	\$46,125	\$44,967	\$9.89	3.21	\$0.31	\$0	\$232	\$58	\$208,792	\$285,490	73.13%	\$202
2030	\$208,792	\$22,103	\$46,410	\$10.20	3.21	\$0.32	\$0	\$232	\$58	\$233,272	\$309,486	75.37%	\$201
2031	\$233,272	\$1,841	\$47,900	\$10.53	3.21	\$0.33	\$0	\$257	\$64	\$279,524	\$355,591	78.61%	\$201
2032	\$279,524	\$1,896	\$49,438	\$10.87	3.21	\$0.34	\$0	\$304	\$76	\$327,294	\$404,184	80.98%	\$203
2033	\$327,294	\$7,565	\$51,025	\$11.22	3.21	\$0.35	\$0	\$353	\$88	\$371,019	\$449,760	82.49%	\$208
2034	\$371,019	\$116,685	\$52,663	\$11.58	3.21	\$0.36	\$0	\$397	\$99	\$307,294	\$388,814	79.03%	\$215
2035	\$307,294	\$26,065	\$54,353	\$11.95	3.21	\$0.37	\$0	\$334	\$84	\$335,833	\$417,927	80.36%	\$217
2036	\$335,833	\$4,118	\$56,098	\$12.33	3.21	\$0.38	\$0	\$364	\$91	\$388,086	\$471,166	82.37%	\$219
2037	\$388,086	\$2,198	\$57,898	\$12.73	3.21	\$0.40	\$0	\$417	\$104	\$444,099	\$529,267	83.91%	\$225
2038	\$444,099	\$436,013	\$59,757	\$13.14	3.21	\$0.41	\$0	\$474	\$118	\$68,198	\$156,680	43.53%	\$233
2039	\$68,198	\$76,888	\$61,675	\$13.56	3.21	\$0.42	\$0	\$99	\$25	\$53,059	\$133,467	39.75%	\$212
2040	\$53,059	\$23,051	\$63,655	\$14.00	3.21	\$0.44	\$0	\$85	\$21	\$93,727	\$164,865	56.85%	\$188
2041	\$93,727	\$8,869	\$65,698	\$14.45	3.21	\$0.45	\$0	\$127	\$32	\$150,651	\$212,899	70.76%	\$164
2042	\$150,651	\$13,403	\$67,807	\$14.91	3.21	\$0.46		\$185	\$46	\$205,193	\$259,399	79.10%	\$143
2043	\$205,193	\$15,249	\$69,984	\$15.39	3.21	\$0.48	\$0	\$240	\$60	\$260,109	\$307,055	84.71%	\$124
2044	\$260,109	\$149,199	\$72,230	\$15.88	3.21	\$0.49	\$0	\$296	\$74	\$183,362	\$223,843	81.92%	\$107
2045	\$183,362	\$41,569	\$74,549	\$16.39	3.21	\$0.51	\$0	\$221	\$55	\$216,507	\$247,467	87.49%	\$82
2046	\$216,507	\$12,198	\$76,942	\$16.92	3.21	\$0.53	\$0	\$255	\$64	\$281,443	\$302,927	92.91%	\$57
2047	\$281,443	\$2,954	\$79,412	\$17.46	3.21	\$0.54	\$0	\$321	\$80	\$358,141	\$371,101	96.51%	\$34
2048	\$358,141	\$10,908	\$81,961	\$18.02	3.21	\$0.56	\$0	\$399	\$100	\$429,494	\$435,227	98.68%	\$15
2049	\$429,494	\$83,307	\$84,592	\$18.60	3.21	\$0.58	\$0	\$472	\$118	\$431,133	\$430,796	100.08%	(\$1)

## 30 YEAR RESERVE FUNDING PLAN (WITH NO INCREASE IN CONTRIBUTION)

				Reserve	Reserve	Contribution							
	Starting	Total	Annual	Contribution	Contribution	Increase				End of	Fully		Deficiency
Calendar	Reserve	Annual	Reserve	Per Unit	Increase	Per Unit	Special	Interest	Tax on	Year	Funded	Percent	Surplus ()
Year	Balance	Expenditure	Contribution	Per Month	%	Per Month	Assessment	Received	Interest	Balance	Balance	Funded	Per Unit
2020	\$53,456	\$20,526	\$32,785	\$7.21	0.00	\$0	\$0	\$70	\$17	\$65,767	\$152,269	43.19%	\$228
2021	\$65,767	\$1,370	\$32,785	\$7.21	0.00	\$0	\$0	\$82	\$21	\$97,244	\$184,235	52.78%	\$230
2022	\$97,244	\$6,000	\$32,785	\$7.21	0.00	\$0	\$0	\$114	\$28	\$124,114	\$213,393	58.16%	\$23
2023	\$124,114	\$5,066	\$32,785	\$7.21	0.00	\$0	\$0	\$141	\$35	\$151,938	\$245,248	61.95%	\$24
2024	\$151,938	\$88,172	\$32,785	\$7.21	0.00	\$0	\$0	\$168	\$42	\$96,677	\$195,868	49.36%	\$26
2025	\$96,677	\$51,076	\$32,785	\$7.21	0.00	\$0	\$0	\$113	\$28	\$78,470	\$183,046	42.87%	\$270
2026	\$78,470	\$1,588	\$32,785	\$7.21	0.00	\$0	\$0	\$95	\$24	\$109,738	\$220,299	49.81%	\$292
2027	\$109,738	\$13,211	\$32,785	\$7.21	0.00	\$0	\$0	\$126	\$32	\$129,407	\$248,047	52.17%	\$313
2028	\$129,407	\$4,294	\$32,785	\$7.21	0.00	\$0	\$0	\$146	\$36	\$158,007	\$286,575	55.14%	\$33
2029	\$158,007	\$46,125	\$32,785	\$7.21	0.00	\$0	\$0	\$174	\$44	\$144,798	\$285,490	50.72%	\$37
2030	\$144,798	\$22,103	\$32,785	\$7.21	0.00	\$0	\$0	\$161	\$40	\$155,600	\$309,486	50.28%	\$40
2031	\$155,600	\$1,841	\$32,785	\$7.21	0.00	\$0	\$0	\$172	\$43	\$186,673	\$355,591	52.50%	\$44
2032	\$186,673	\$1,896	\$32,785	\$7.21	0.00	\$0	\$0	\$203	\$51	\$217,714	\$404,184	53.87%	\$49
2033	\$217,714	\$7,565	\$32,785	\$7.21	0.00	\$0	\$0	\$234	\$59	\$243,110	\$449,760	54.05%	\$54
2034	\$243,110	\$116,685	\$32,785	\$7.21	0.00	\$0	\$0	\$260	\$65	\$159,405	\$388,814	41.00%	\$60
2035	\$159,405	\$26,065	\$32,785	\$7.21	0.00	\$0	\$0	\$176	\$44	\$166,256	\$417,927	39.78%	\$66
2036	\$166,256	\$4,118	\$32,785	\$7.21	0.00	\$0	\$0	\$183	\$46	\$195,061	\$471,166	41.40%	\$72
2037	\$195,061	\$2,198	\$32,785	\$7.21	0.00	\$0	\$0	\$211	\$53	\$225,806	\$529,267	42.66%	\$80
2038	\$225,806	\$436,013	\$32,785	\$7.21	0.00	\$0	\$0	\$242	\$61	(\$177,241)	\$156,680	-113.12%	\$88
2039	(\$177,241)	\$76,888	\$32,785	\$7.21	0.00	\$0	\$0	\$0	\$0	(\$221,344)	\$133,467	-165.84%	\$93
2040	(\$221,344)	\$23,051	\$32,785	\$7.21	0.00	\$0	\$0	\$0	\$0	(\$211,610)	\$164,865	-128.35%	\$99
2041	(\$211,610)	\$8,869	\$32,785	\$7.21	0.00	\$0	\$0	\$0	\$0	(\$187,694)	\$212,899	-88.16%	\$1,05
2042	(\$187,694)	\$13,403	\$32,785	\$7.21	0.00	\$0	\$0	\$0	\$0	(\$168,312)	\$259,399	-64.89%	\$1,12
2043	(\$168,312)	\$15,249	\$32,785	\$7.21	0.00	\$0	\$0	\$0	\$0	(\$150,776)	\$307,055	-49.10%	\$1,20
2044	(\$150,776)	\$149,199	\$32,785	\$7.21	0.00	\$0	\$0	\$0	\$0	(\$267,190)	\$223,843	-119.36%	\$1,29
2045	(\$267,190)	\$41,569	\$32,785	\$7.21	0.00	\$0	\$0	\$0	\$0	(\$275,974)	\$247,467	-111.52%	\$1,38
2046	(\$275,974)	\$12,198	\$32,785	\$7.21	0.00	\$0	\$0	\$0	\$0	(\$255,387)	\$302,927	-84.31%	\$1,47
2047	(\$255,387)	\$2,954	\$32,785	\$7.21	0.00	\$0	\$0	\$0	\$0	(\$225,556)	\$371,101	-60.78%	\$1,57
2048	(\$225,556)	\$10,908	\$32,785	\$7.21	0.00	\$0	\$0	\$0	\$0	(\$203,679)	\$435,227	-46.80%	\$1,68
2049	(\$203,679)	\$83,307	\$32,785	\$7.21	0.00	\$0	\$0	\$0	\$0	(\$254,201)	\$430,796	-59.01%	\$1,80

### ASSESSMENT AND RESERVE FUNDING DISCLOSURE SUMMARY<sup>1</sup>

RIO BRAVO CA Feb 29, 2020, For the Fiscal Year Ending Dec 31, 2019

(1)	The regular assessment per owners	nip interest is	\$	157.53	per	quarter	
	Note: If assessments vary by the size	e or type of ow	vnership interest, t	the assessr	nent applicab	ole to this o	wnership
	interest may be found on page	0	of the attached sur	mmary.			

(2) Additional regular or special assessments that have already been scheduled to be imposed or charged, regardless of the purpose, if they have been approved by the Board and/or members:

Date assessment will be Due:	Amount per Ownership Interest per Month (If Assessments are variable, see note immediately below):	Purpose of the Assessment	
	Total:		

Note: If assessments vary by the size or type of ownership interest, the assessment applicable to this ownership interest may be found on page \_\_\_\_\_\_ of the attached report.

(3) Based upon the most recent reserve study and other information available to the Board of Directors, will currently projected reserve account balances be sufficient at the end of each year to meet the Association's obligation for repair and/or replacement of major components during the next 30 years?



No

# NOTE: If the association does not adopt the recommended 30-year funding plan in this reserve study the answer to the question #3 could be NO.

(4) If the answer to #3 is no, what additional assessments or other contributions to reserves would be necessary to ensure that sufficient reserve funds will be available each year during the next 30 years that have not yet been approved by the board or the members?

Approximate Date Assessment will be Due:	Amount per Ownership Interest per Month:

<sup>1</sup> Civil Code. Section 5570 effective January 1, 2014

#### ASSESSMENT AND RESERVE FUNDING DISCLOSURE SUMMARY

#### RIO BRAVO CA Feb 29, 2020, For the Fiscal Year Ending Dec 31, 2019

- (5) All major components are included in the reserve study and are included in its calculations.
- (6) Based on the method of calculation in paragraph (4) of subdivision (b) of Section 5570, the estimated amount required in the reserve fund at the end of the current fiscal year is the last reserve study or update prepared by <a href="https://www.estimated.com">Reserve Study Specialists</a>, based in whole or in part on as of <a href="https://www.estimated.com">Feb 29, 2020</a>
  The projected reserve fund cash balance at the end of current fiscal year is being <a href="https://www.estimated.com">38.01%</a> percent funded at this date. If an alternate, but generally accepted, method of calculation is also used, the required reserve amount is <a href="https://www.estimated.com">\$53,456</a>. (See attached explanation)
- (7) Based on the method of calculation in paragraph (4) of subdivision (b) of Section 5570 of the Civil Code, the estimated amount required in the reserve fund at the end of each of the next five budget years is (SEE ATTACHED 30 YEAR FUNDING PLAN) and the projected reserve fund cash balance in each of those years, taking into account only assessments already approved and other known revenues, is (SEE ATTACHED 30 YEAR (SEE ATTACHED 30 YEAR FUNDING PLAN) FUNDING PLAN) leaving the reserve at percent funding. If the Reserve Funding Plan approved by the association is implemented, the projected reserve fund cash balance in each of those years will be (SEE ATTACHED 30 YEAR FUNDING PLAN) , leaving the reserve at (SEE ATTACHED 30 YEAR FUNDING PLAN) percent funding.

Note: The financial representations set forth in this summary are based on the best estimates of the preparer at that time. The estimates are subject to change. At the time this summary was prepared, the assumed long-term before-tax interest rate earned on reserve funds was **0.10** percent per year, and the assumed long-term inflation rate to be applied to major component repair and replacement costs was **3.00** percent per year.

- (1) "Estimated remaining useful life" means the time reasonably calculated to remain before a major component will require replacement.
- (2) "Major component" has the meaning used in Section 55530 [sic; s/b 5550]. Components with an estimated remaining useful life of more than 30 years may be included in a study as a capital asset or disregarded from the reserve calculation, so long as the decision is revealed in the reserve study report and reported in the Assessment and Reserve Funding Disclosure Summary.

[Civil Code Section 5570 (b)(4) referred to paragraphs (6) and (7) provides : "For the purpose of the report and summary, the amount of reserves needed to be accumulated for a component at a given time shall be computed as the current cost of replacement or repair multiplied by the number of years the component has been in service divided by the useful life of the component. This shall not be construed to require the Board to fund in accordance with this calculation."]

**DISCLAIMER:** The information contained in this disclosure is a PROJECTION ONLY. Because the reserve study is a projection, the estimated lives and costs of components will likely change over time depending on a variety of factors such as (i) future inflation rates, (ii) levels of maintenance applied by future boards, unknown defects in materials that may lead to premature failures, etc. As a result, some components may experience longer lives while others will experience premature failures. Some components may cost less at the time of replacement while others may cost more.